

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115431.D
 Acq On : 9 Jul 2019 2:56
 Operator : HP/JU
 Sample : K3668-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MSD

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:55 AM

Quant Time: Jul 09 07:59:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187974	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	753932	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	376674	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	667155	20.00	ng	0.00
76) Chrysene-d12	14.04	240	352107	20.00	ng	-0.02
87) Perylene-d12	15.51	264	403144	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1213368	99.73	ng	0.00
7) Phenol-d6	6.53	99	1623892	104.95	ng	0.00
23) Nitrobenzene-d5	7.46	82	1029458	80.68	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	435483	104.56	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1756326	81.82	ng	0.00
79) Terphenyl-d14	12.99	244	1552895	90.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	165246	27.690	ng	99
3) Pyridine	3.51	79	443310	26.865	ng	97
4) n-Nitrosodimethylamine	3.45	42	200487	29.961	ng	90
6) Aniline	6.56	93	454924	20.835	ng	99
8) 2-Chlorophenol	6.68	128	477811	34.781	ng	99
9) Benzaldehyde	6.44	77	267474	28.048	ng	99
10) Phenol	6.54	94	614543	33.195	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	466964	34.001	ng	98
12) 1,3-Dichlorobenzene	6.84	146	492545	32.725	ng	98
13) 1,4-Dichlorobenzene	6.91	146	503982	33.430	ng	98
14) 1,2-Dichlorobenzene	7.07	146	470002	33.673	ng	98
15) Benzyl Alcohol	7.03	79	432547	34.837	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	635592	33.098	ng	100
17) 2-Methylphenol	7.15	107	409392	34.785	ng	99
18) Hexachloroethane	7.41	117	181482	32.314	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	350224	33.456	ng	99
20) 3+4-Methylphenols	7.29	107	502435	36.141	ng	97
22) Acetophenone	7.30	105	665265	36.825	ng	# 95
24) Nitrobenzene	7.47	77	523190	36.305	ng	94
25) Isophorone	7.72	82	976901	35.320	ng	100
26) 2-Nitrophenol	7.79	139	257325	43.432	ng	93
27) 2,4-Dimethylphenol	7.83	122	451470	39.962	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	611435	35.850	ng	99
29) 2,4-Dichlorophenol	8.03	162	425600	37.823	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	451869	36.072	ng	98
31) Naphthalene	8.20	128	1371487	36.624	ng	100
32) Benzoic acid	7.87	122	12296m	7.348	ng	
33) 4-Chloroaniline	8.24	127	296512	17.746	ng	99
34) Hexachlorobutadiene	8.32	225	249186	35.076	ng	98
35) Caprolactam	8.60	113	128258m	34.997	ng	
36) 4-Chloro-3-methylphenol	8.72	107	447485	37.597	ng	99
37) 2-Methylnaphthalene	8.89	142	929980	37.154	ng	99
38) 1-Methylnaphthalene	8.99	142	879183	36.813	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	426782	39.384	ng	99

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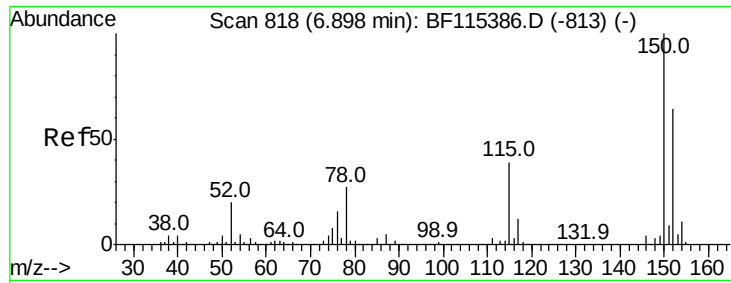
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	270571	43.080	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	302941	38.400	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	317849	38.855	nq	99
46) 1,1'-Biphenyl	9.35	154	1138953	38.462	nq	99
47) 2-Chloronaphthalene	9.38	162	891883	36.442	nq	98
48) 2-Nitroaniline	9.47	65	281173	39.104	nq	88
49) Acenaphthylene	9.79	152	1351033	36.461	nq	100
50) Dimethylphthalate	9.65	163	1319699	46.679	nq	100
51) 2,6-Dinitrotoluene	9.71	165	243386	39.694	nq	88
52) Acenaphthene	9.97	154	814585	34.930	nq	99
53) 3-Nitroaniline	9.87	138	193616	27.187	nq	93
54) 2,4-Dinitrophenol	9.97	184	19401	16.112	nq	# 1
55) Dibenzofuran	10.14	168	1211058	36.866	nq	96
56) 4-Nitrophenol	10.03	139	384026	69.699	nq	96
57) 2,4-Dinitrotoluene	10.11	165	310698	39.872	nq	99
58) Fluorene	10.48	166	882901	34.094	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	242901	34.372	nq	100
60) Diethylphthalate	10.35	149	1029324	36.989	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	462400	36.584	nq	98
62) 4-Nitroaniline	10.49	138	221696	31.715	nq	97
63) Azobenzene	10.63	77	1010827	35.238	nq	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	44825	19.565	nq	97
66) n-Nitrosodiphenylamine	10.59	169	861440	40.980	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	291997	39.006	nq	98
68) Hexachlorobenzene	11.03	284	311594	37.094	nq	97
69) Atrazine	11.11	200	277608	42.673	nq	100
70) Pentachlorophenol	11.22	266	264643	51.695	nq	97
71) Phenanthrene	11.44	178	1279860	36.476	nq	99
72) Anthracene	11.49	178	1306218	37.125	nq	99
73) Carbazole	11.64	167	1153802	35.845	nq	99
74) Di-n-butylphthalate	11.97	149	1486421	38.210	nq	99
75) Fluoranthene	12.62	202	1161489	31.439	nq	99
77) Benzidine	12.74	184	666779	48.561	nq	98
78) Pyrene	12.85	202	1143381	41.757	nq	98
80) Butylbenzylphthalate	13.47	149	522759	43.696	nq	90
81) Benzo(a)anthracene	14.03	228	837228	37.110	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	290186	35.448	nq	100
83) Chrysene	14.07	228	866447	37.378	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	728353	49.161	nq	100
85) Di-n-octyl phthalate	14.64	149	1158340	43.918	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	873380	46.154	nq	# 100
88) Benzo(b)fluoranthene	15.09	252	894830	34.091	nq	97
89) Benzo(k)fluoranthene	15.12	252	837551	35.879	nq	99
90) Benzo(a)pyrene	15.45	252	839304	37.073	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	746298	38.577	nq	99
92) Benzo(g,h,i)perylene	17.43	276	681494	37.217	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

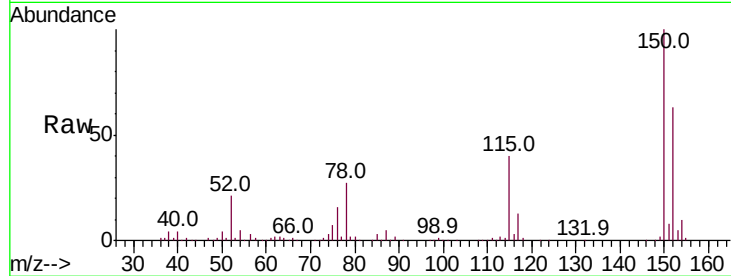
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
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ClientSampleId :
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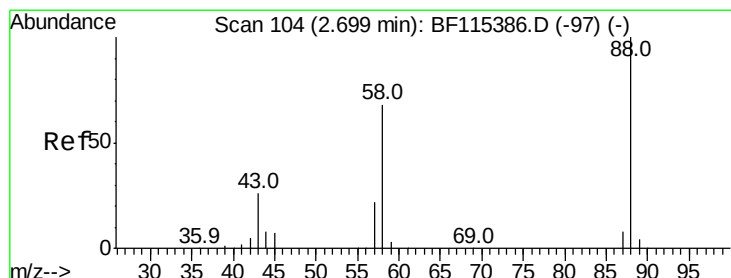
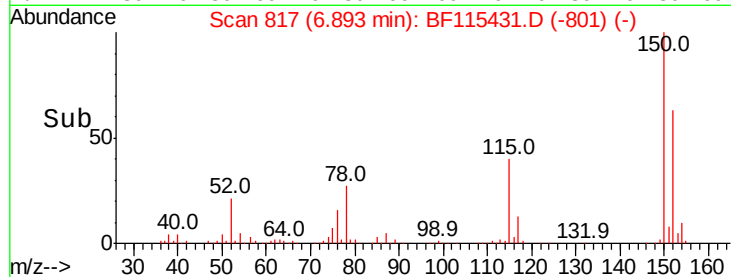
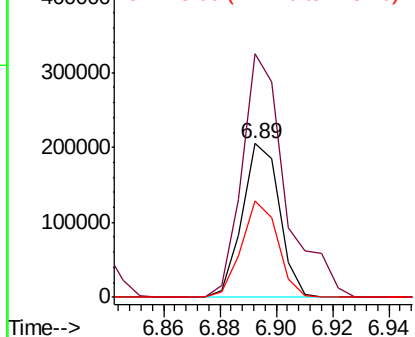
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	62.9	48.1	72.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

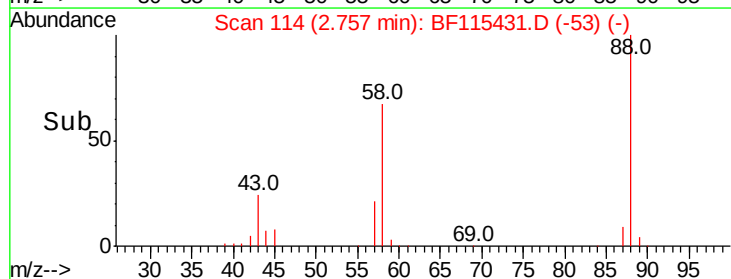
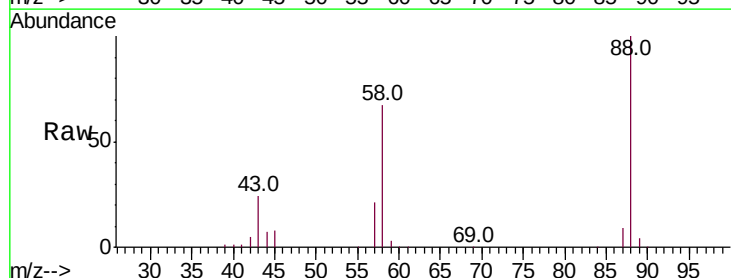
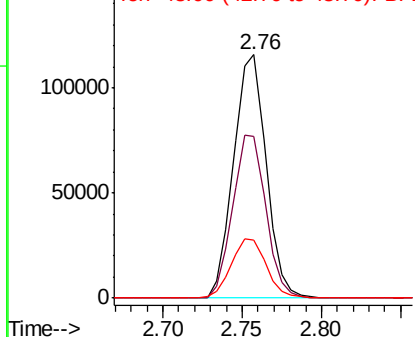


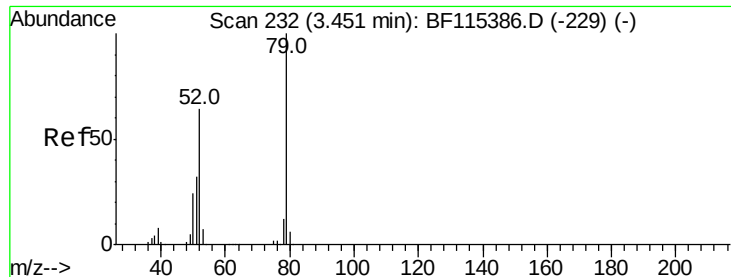
#2

1,4-Dioxane
Concen: 27.690 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.06 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.6	82.0
43	27.3	21.4	32.0

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.865 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.06 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

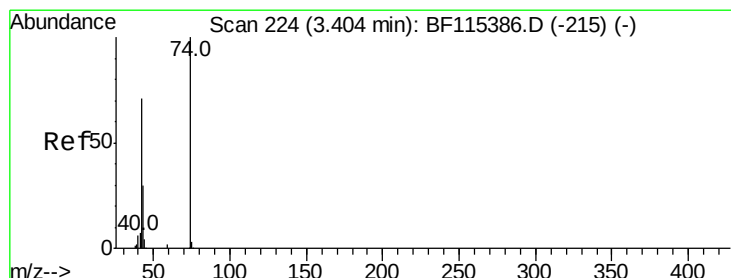
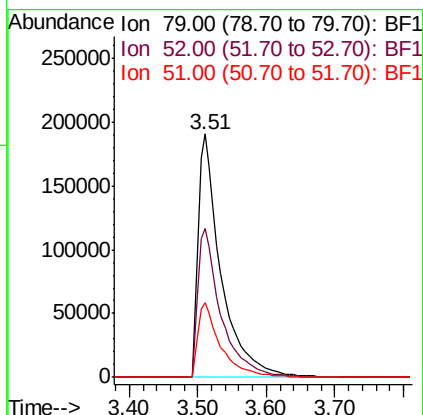
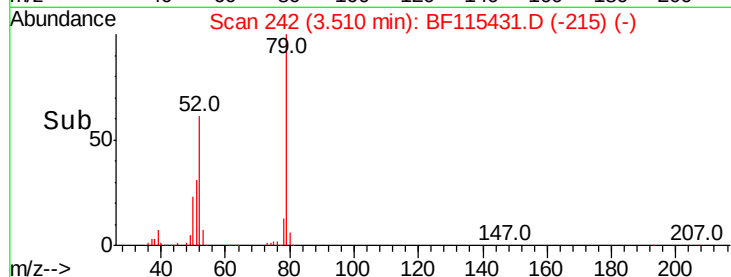
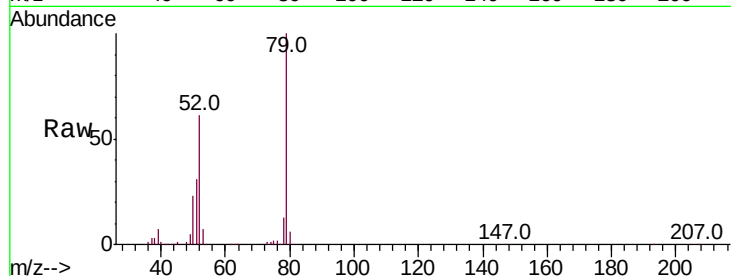
ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:	79	Resp:	443310
Ion Ratio	Lower	Upper	
79	100		
52	61.2	50.9	76.3
51	30.5	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 29.961 ng

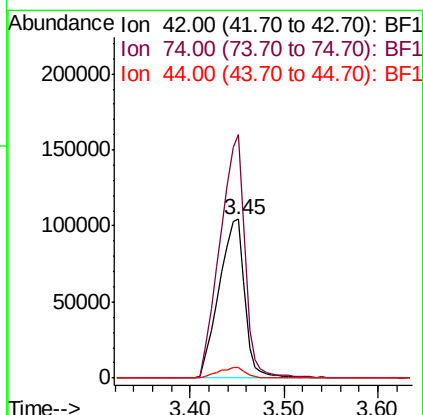
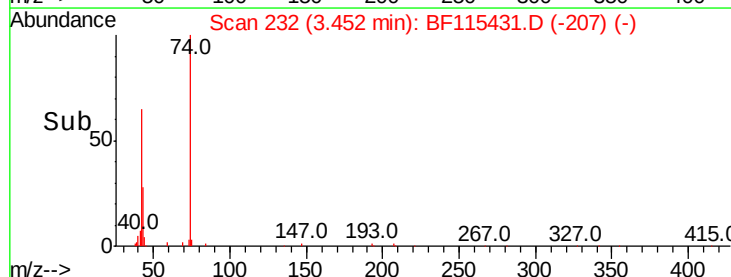
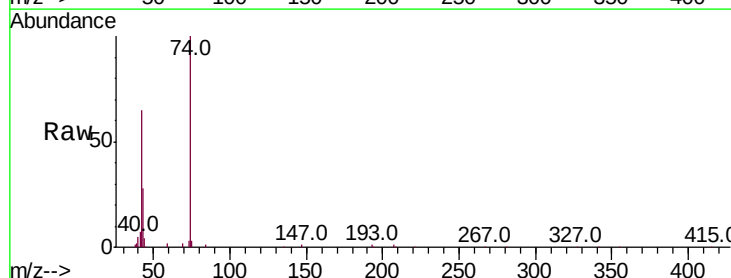
RT: 3.45 min Scan# 232

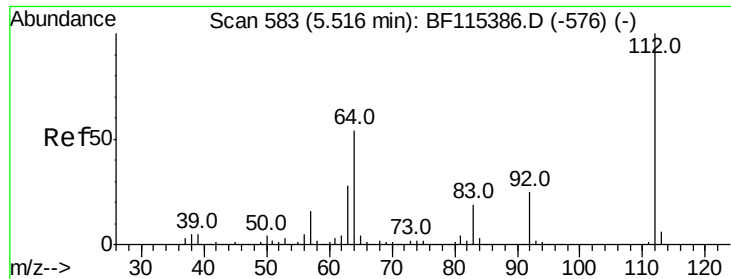
Delta R.T. 0.05 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion:	42	Resp:	200487
Ion Ratio	Lower	Upper	
42	100		
74	153.5	112.8	169.2
44	6.8	5.4	8.0





#5

2-Fluorophenol

Concen: 99.731 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion: 112 Resp: 1213368

Ion Ratio Lower Upper

112 100

64 58.4 43.0 64.6

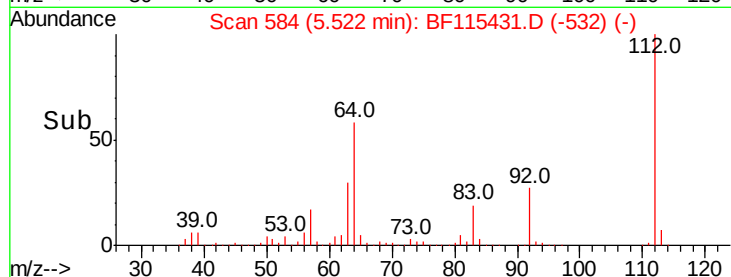
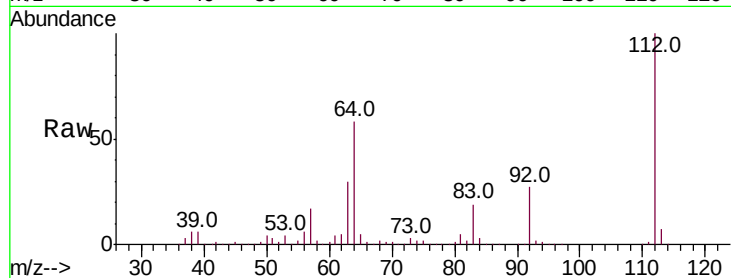
63 29.8 22.2 33.2

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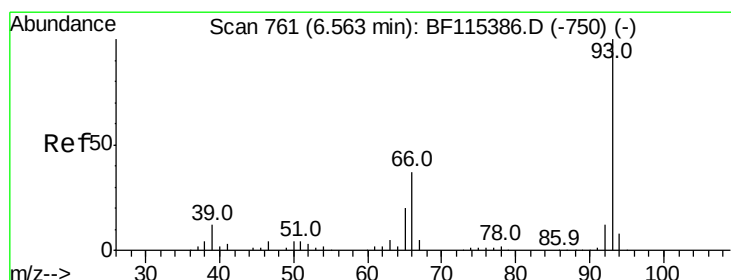
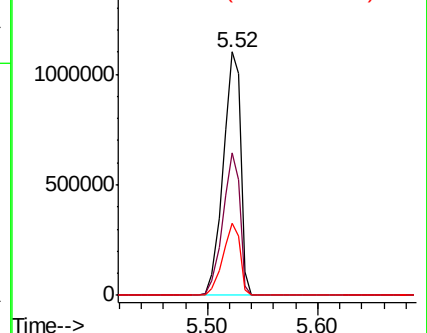
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.835 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

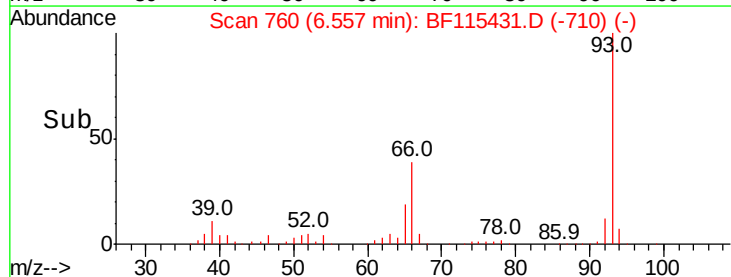
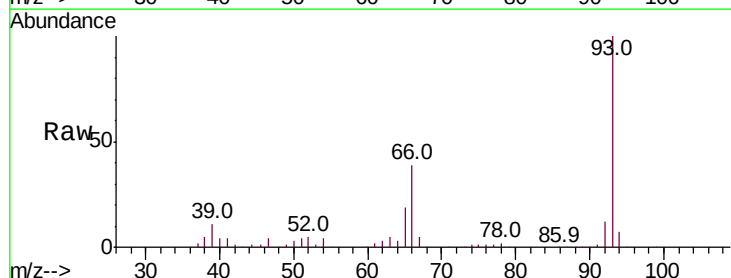
Tgt Ion: 93 Resp: 454924

Ion Ratio Lower Upper

93 100

66 38.8 30.8 46.2

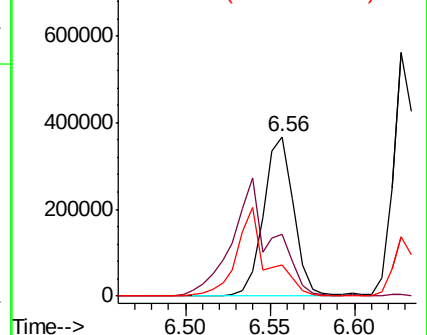
65 19.3 16.0 24.0

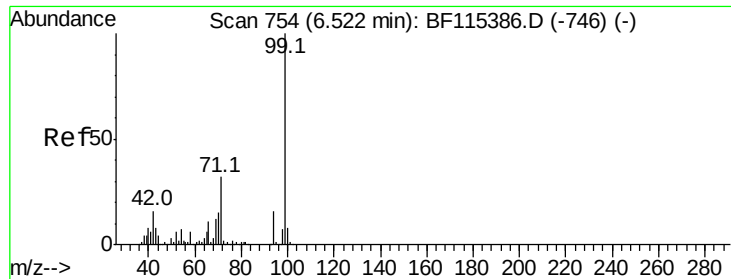


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.949 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1623892

Ion Ratio Lower Upper

99 100

42 15.9 13.1 19.7

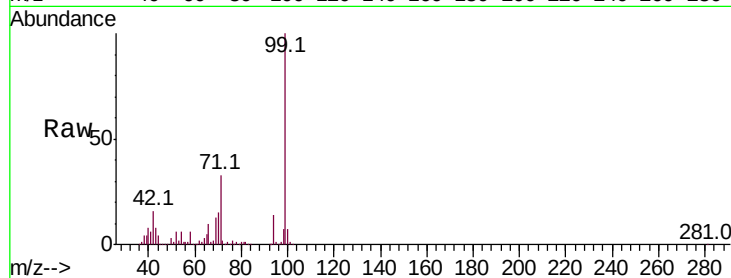
71 32.9 25.9 38.9

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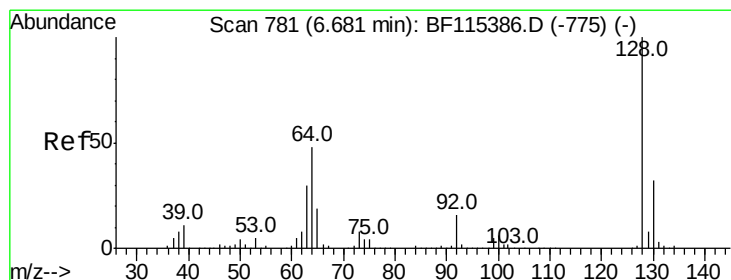
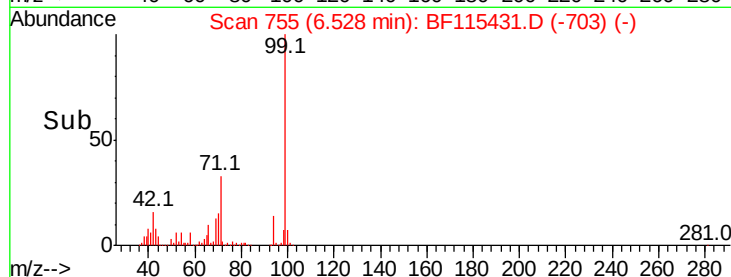
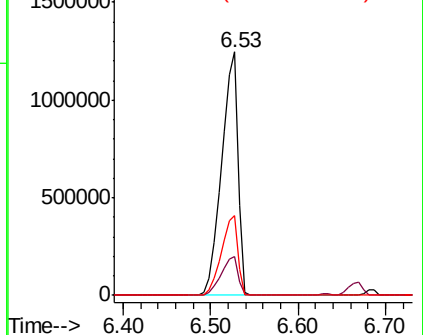
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.781 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

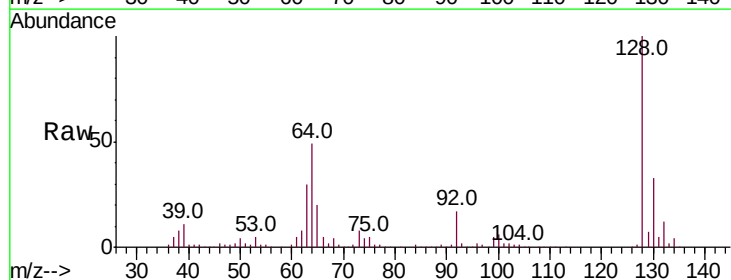
Tgt Ion: 128 Resp: 477811

Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

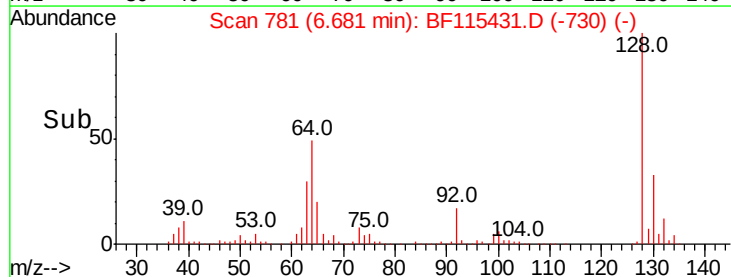
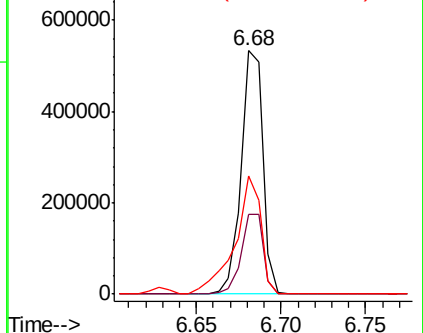
64 48.6 28.8 68.8

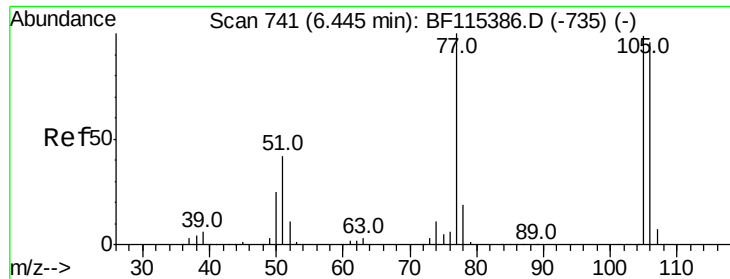


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.048 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

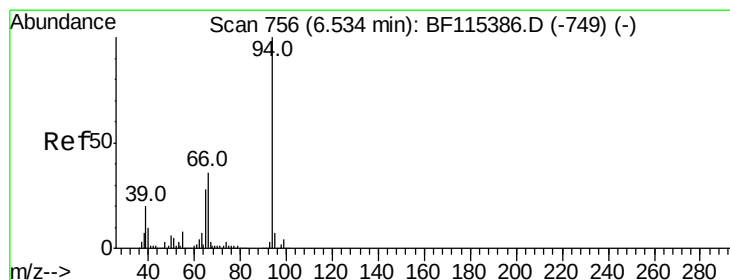
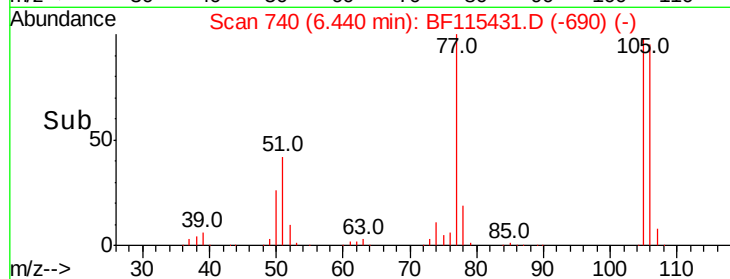
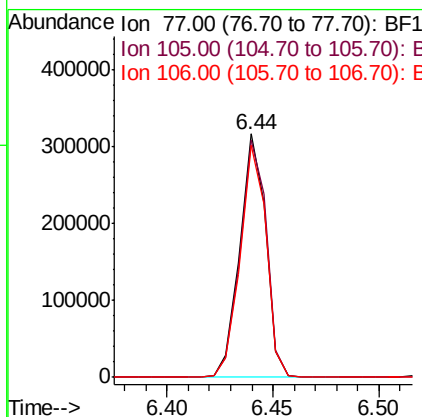
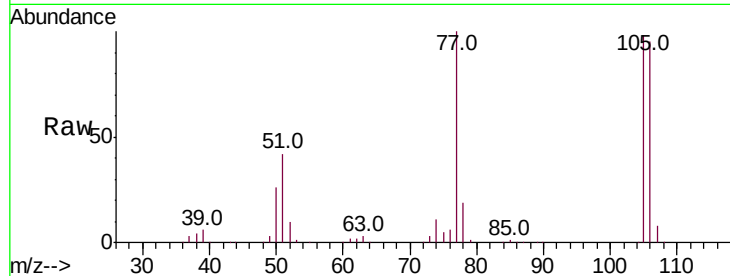
ClientSampleId :

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Tot Ion:	77	Resp:	267474
Ion Ratio	Lower	Upper	
77	100		
105	97.7	79.0	119.0
106	95.2	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 33.195 ng

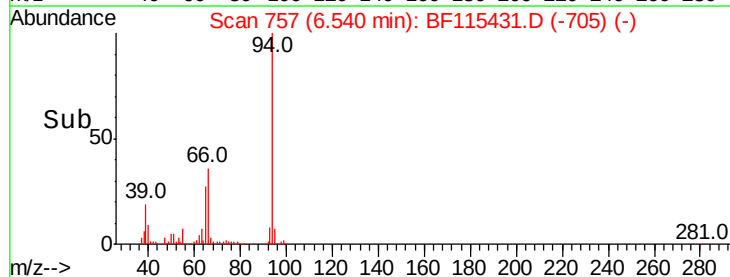
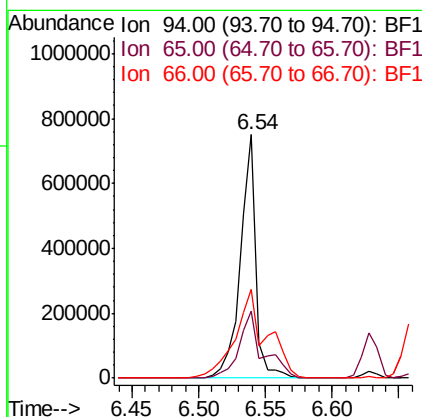
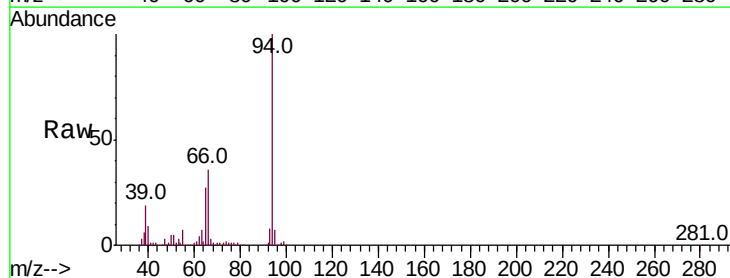
RT: 6.54 min Scan# 757

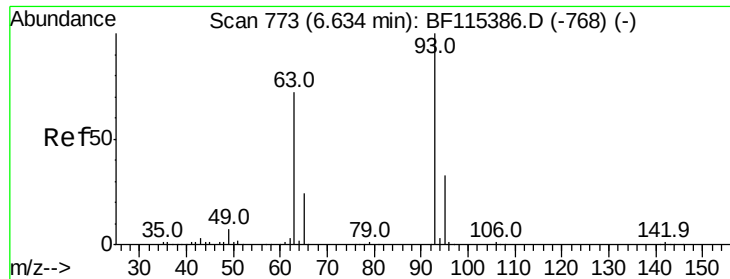
Delta R.T. 0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion:	94	Resp:	614543
Ion Ratio	Lower	Upper	
94	100		
65	27.4	8.0	48.0
66	36.3	16.2	56.2





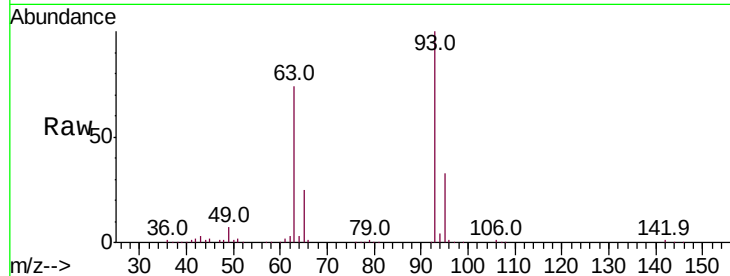
#11
bis(2-Chloroethyl)ether
Concen: 34.001 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

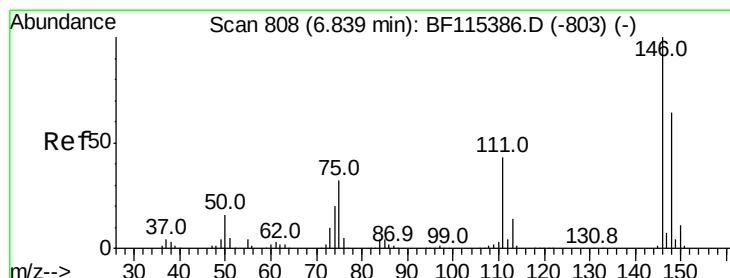
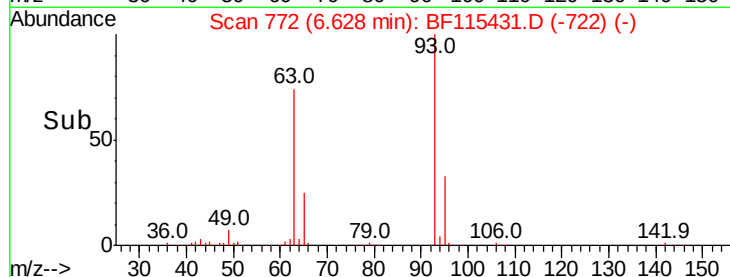
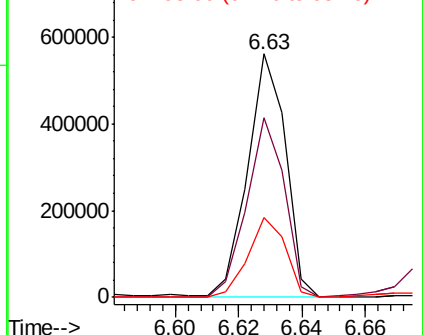
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	51.5	91.5
95	33.0	12.9	52.9

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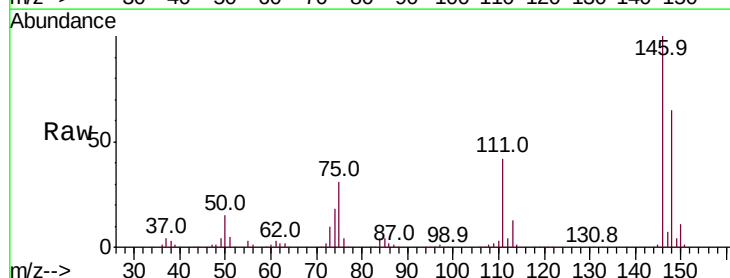


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

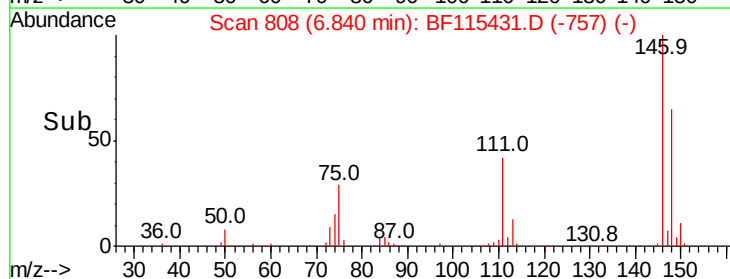
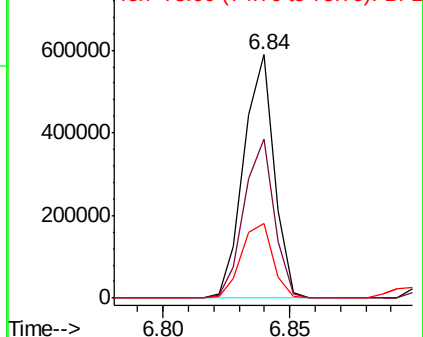


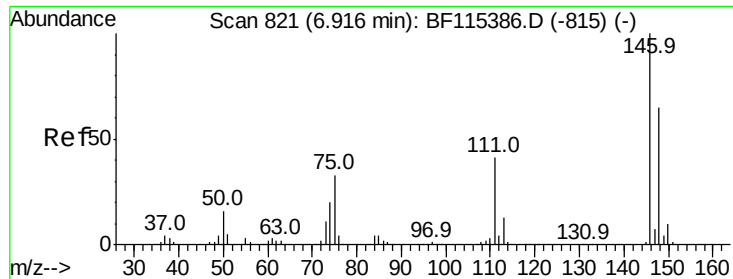
#12
1,3-Dichlorobenzene
Concen: 32.725 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
75	30.9	25.9	38.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





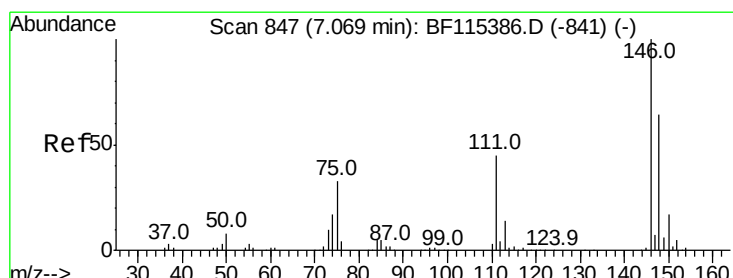
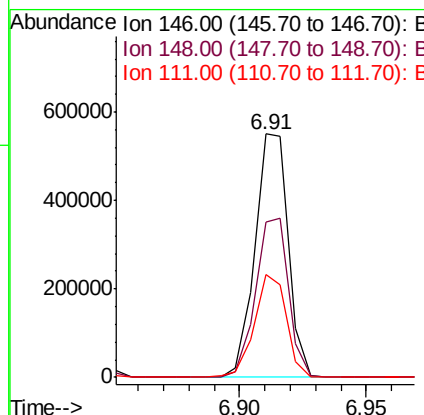
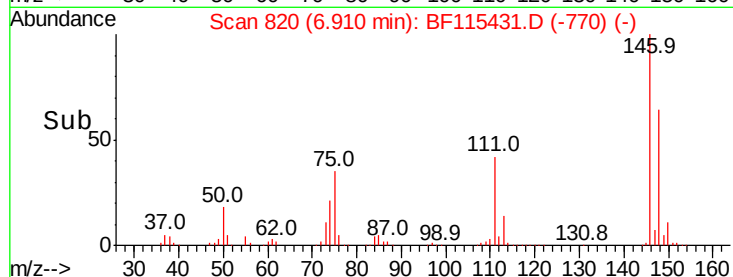
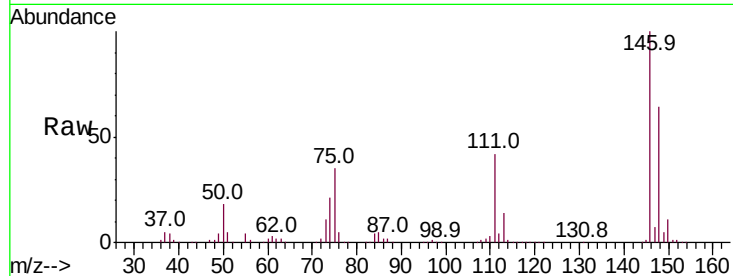
#13
 1,4-Dichlorobenzene
 Concen: 33.430 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
111	42.0	33.0	49.4

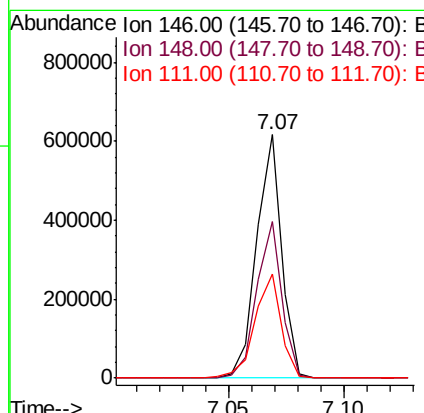
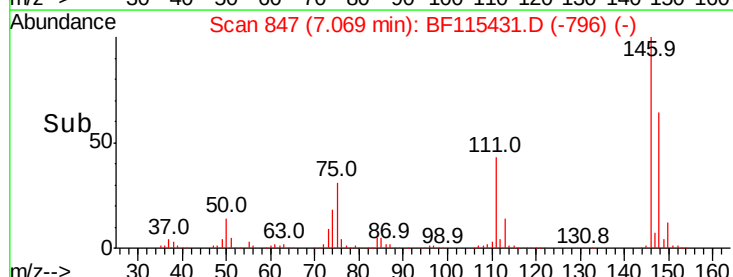
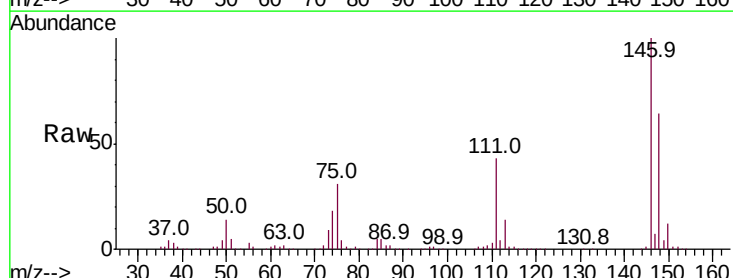
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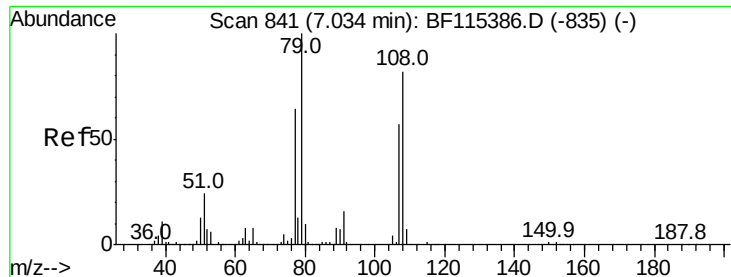
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#14
 1,2-Dichlorobenzene
 Concen: 33.673 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	42.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 34.837 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

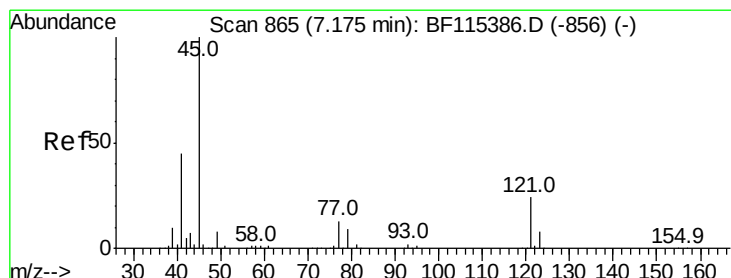
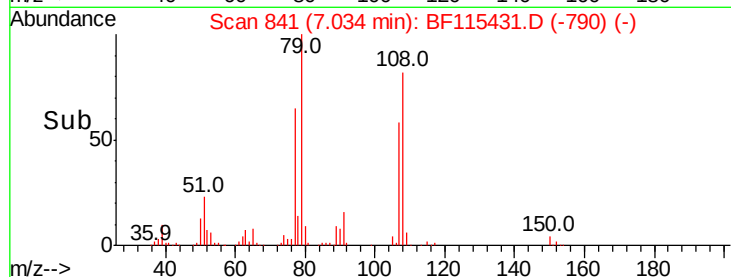
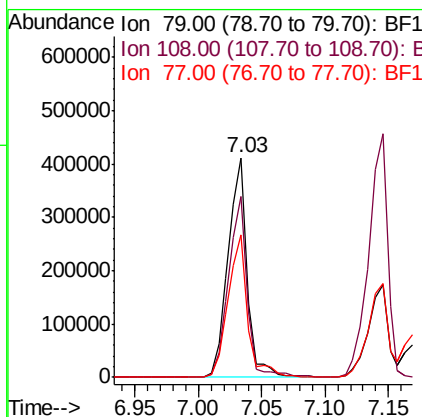
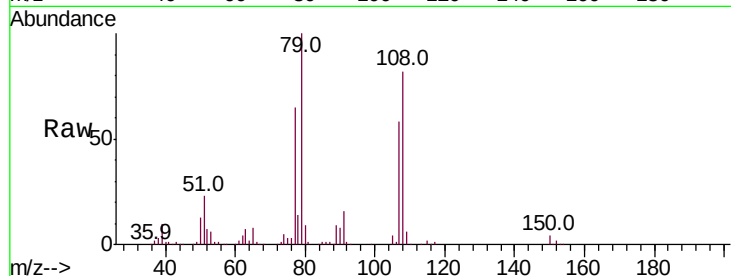
ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:	79	Resp:	432547
Ion Ratio	Lower	Upper	
79	100		
108	82.1	65.4	98.2
77	64.9	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.098 ng

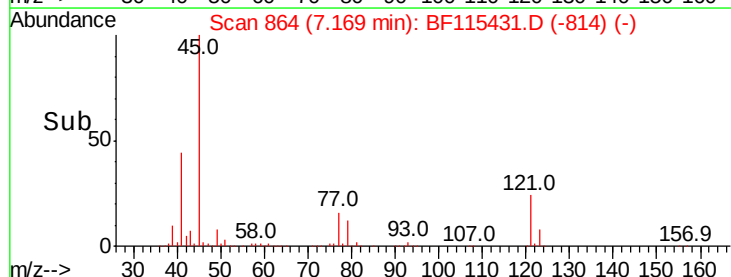
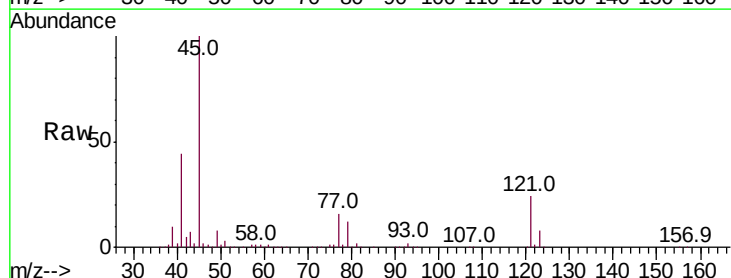
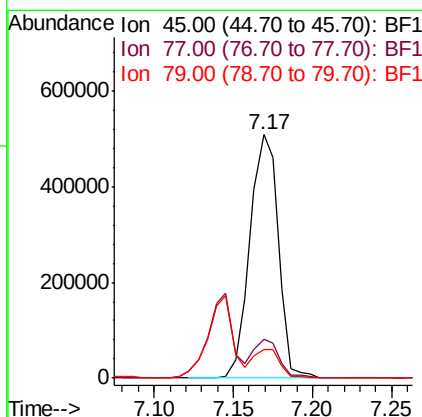
RT: 7.17 min Scan# 864

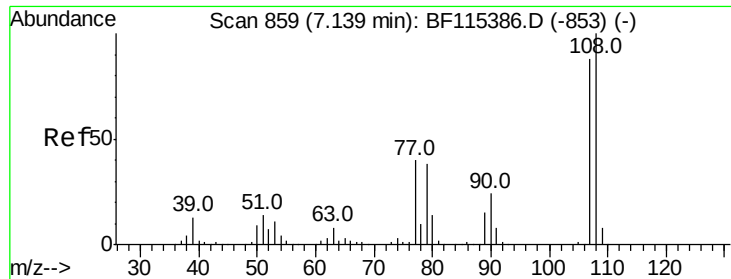
Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion:	45	Resp:	635592
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	36.0
79	11.8	0.0	32.0





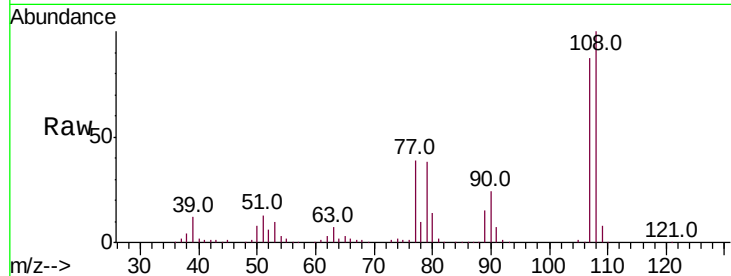
#17
2-Methylphenol
Concen: 34.785 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion:	107	Resp:	409392
Ion Ratio	Lower	Upper	
107	100		
108	115.1	90.7	136.1
77	44.6	36.3	54.5
79	43.7	34.9	52.3

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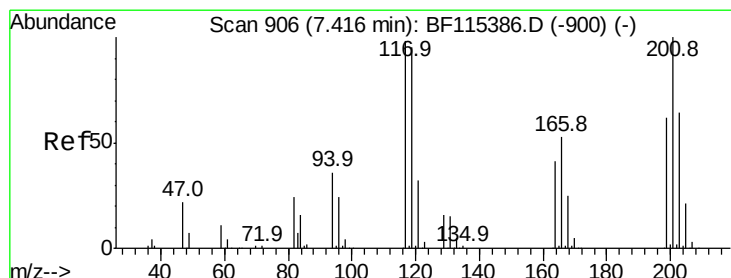
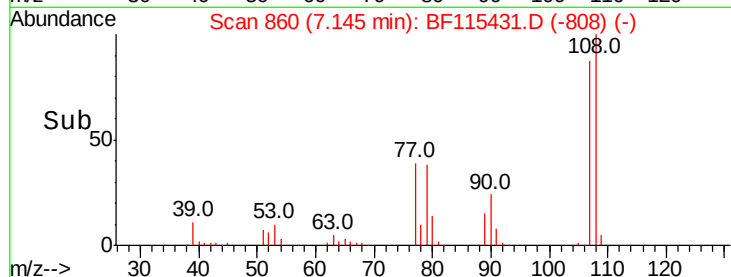
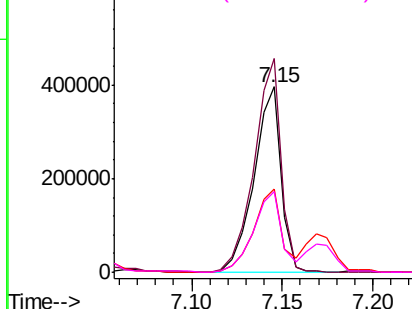
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.314 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

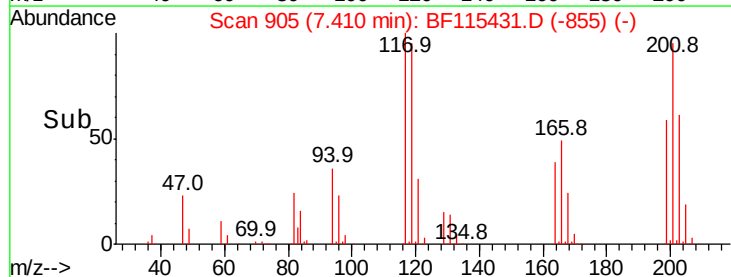
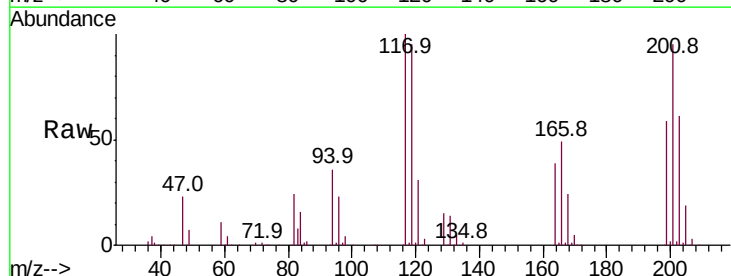
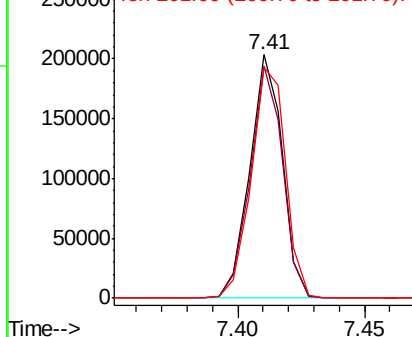
Tgt Ion:	117	Resp:	181482
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.1	115.7
201	95.0	81.3	121.9

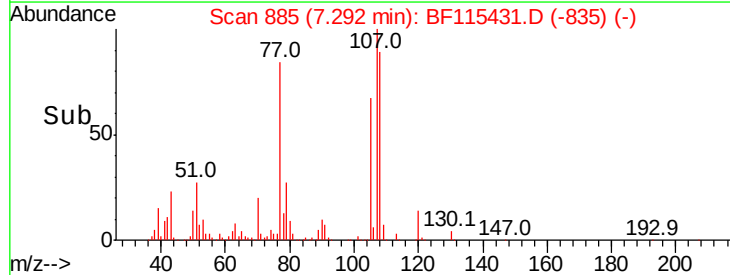
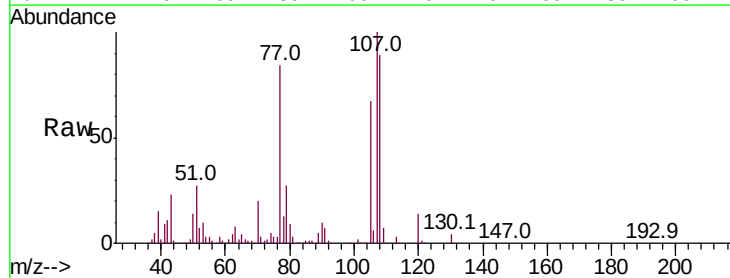
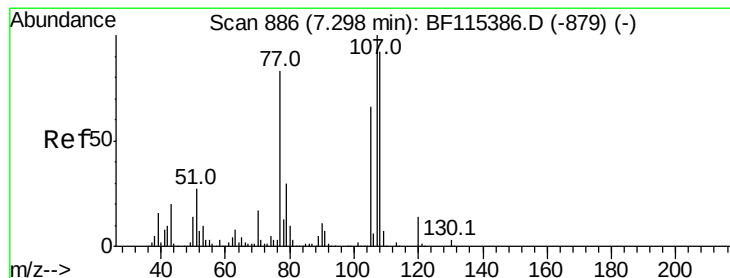
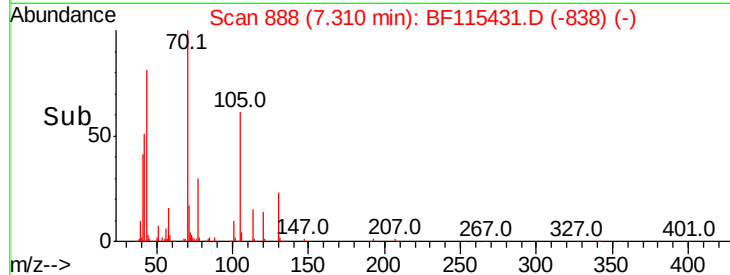
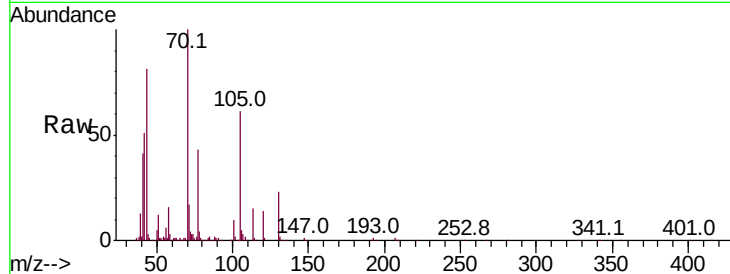
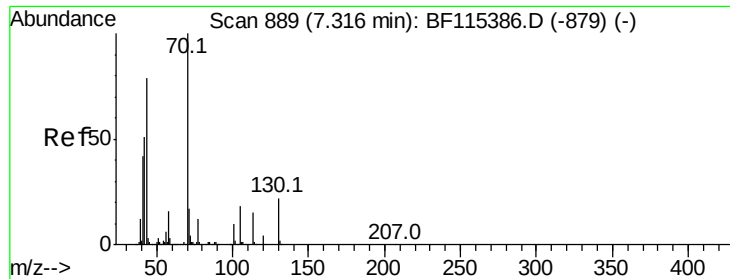
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.456 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion: 70 Resp: 350224

Ion Ratio Lower Upper

70 100

42 50.9 41.1 61.7

101 9.6 8.0 12.0

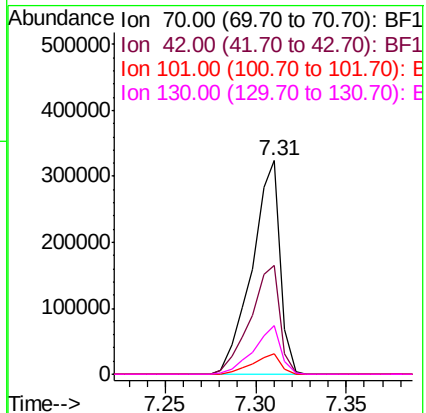
130 23.0 17.8 26.8

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#20

3+4-Methylphenols

Concen: 36.141 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion: 107 Resp: 502435

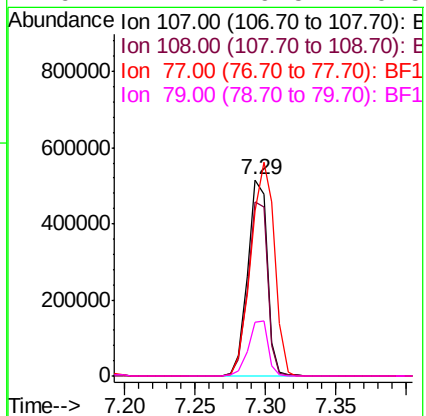
Ion Ratio Lower Upper

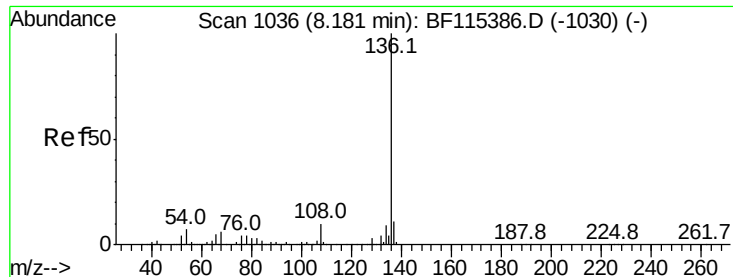
107 100

108 89.0 72.5 112.5

77 84.0 62.7 102.7

79 27.1 9.5 49.5





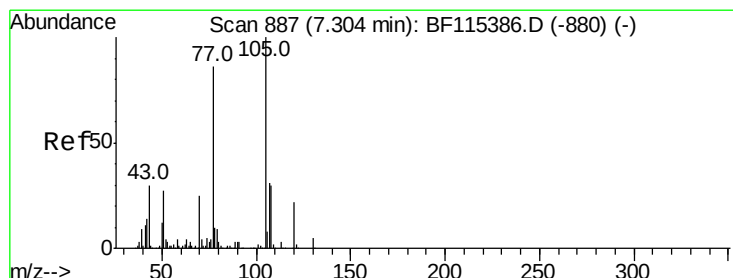
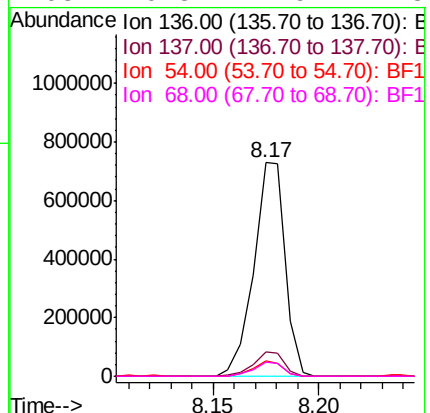
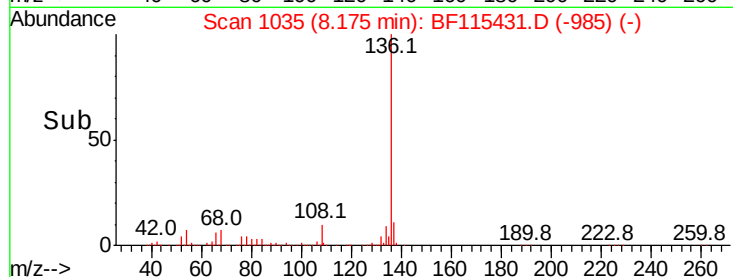
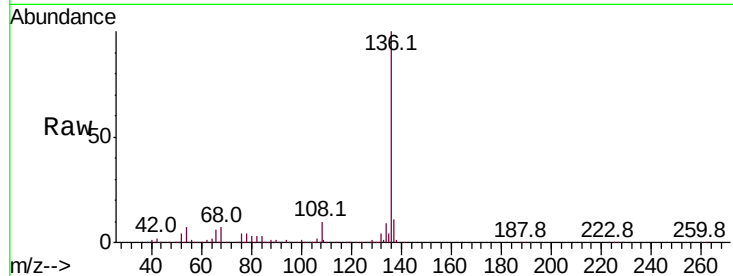
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.5	5.6	8.4	
68	6.8	4.9	7.3	

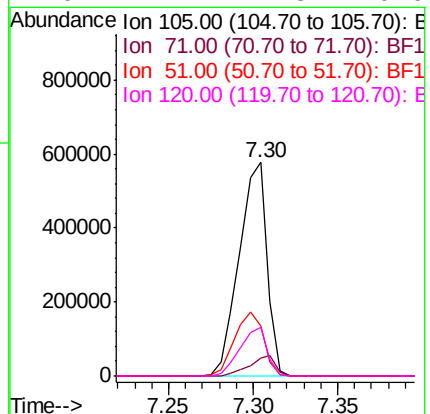
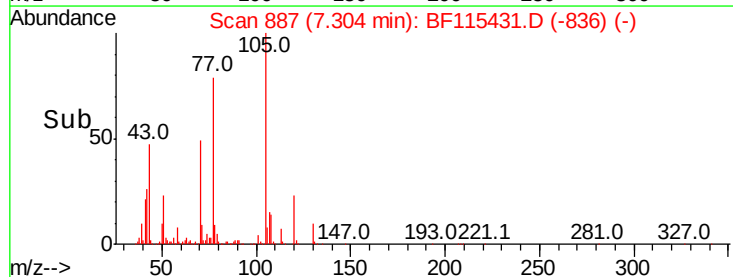
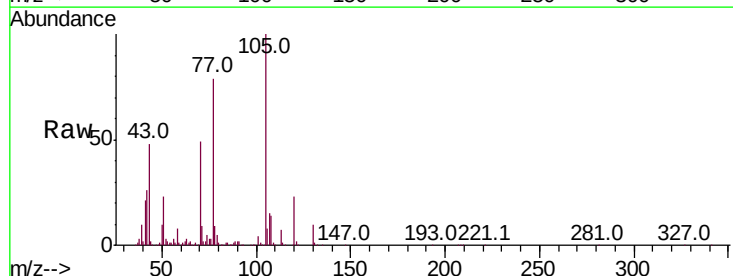
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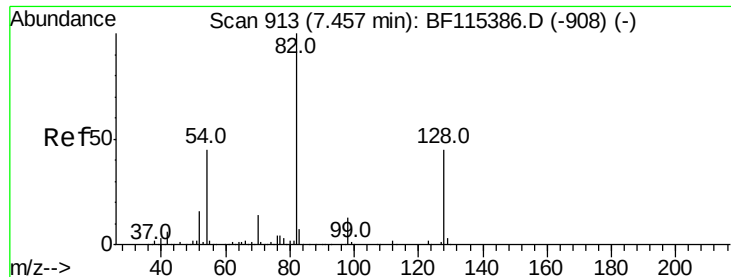
mohammad
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#22
Acetophenone
Concen: 36.825 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	3.3	4.9#	
51	23.3	21.5	32.3	
120	22.7	17.8	26.6	





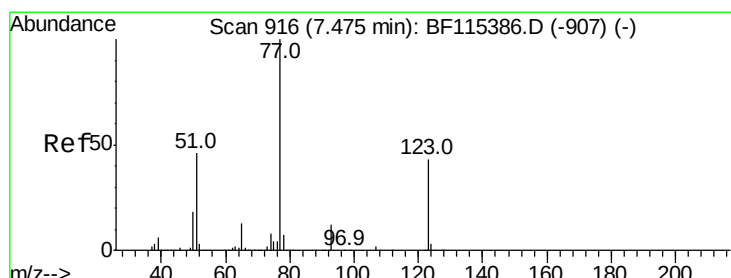
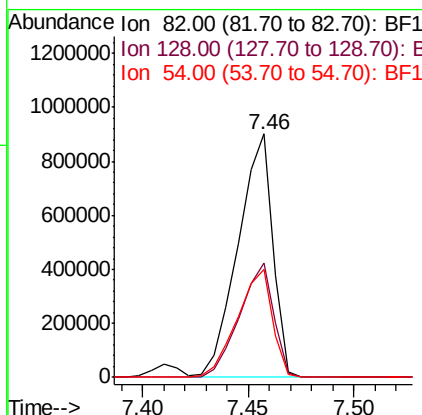
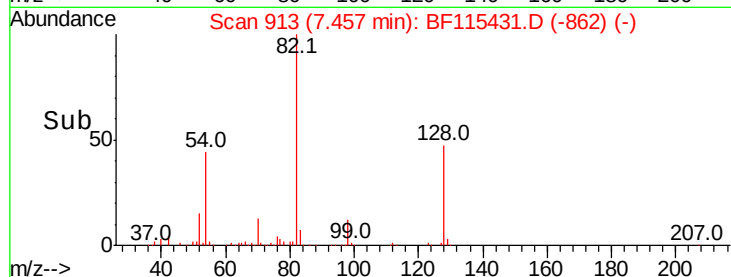
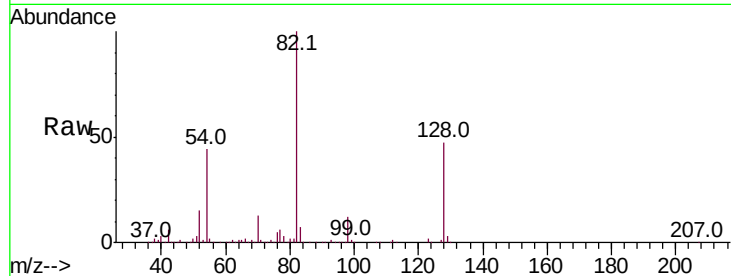
#23
Nitrobenzene-d5
Concen: 80.675 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion: 82 Resp: 1029458
Ion Ratio Lower Upper
82 100
128 47.0 35.7 53.5
54 44.4 36.3 54.5

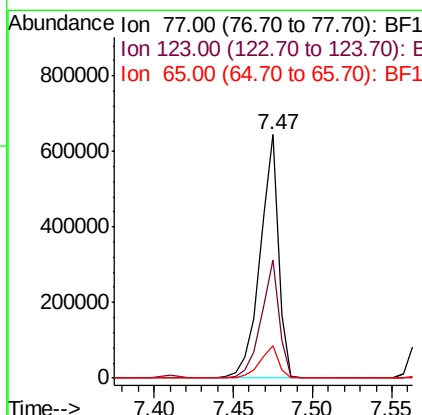
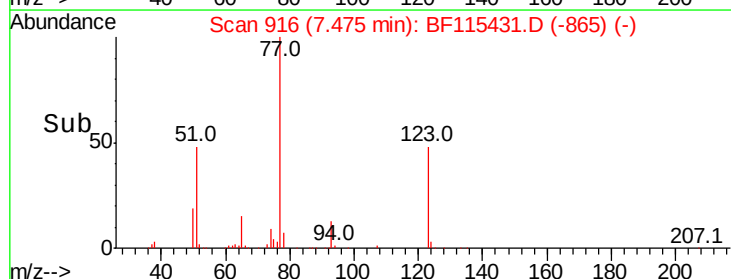
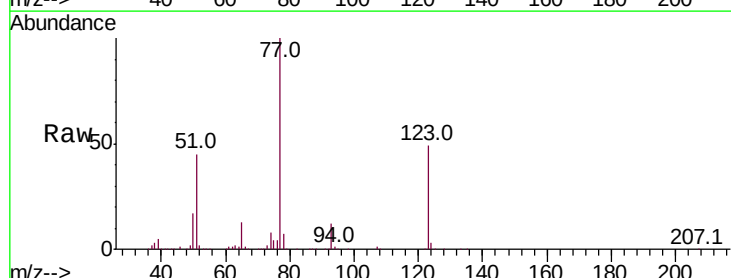
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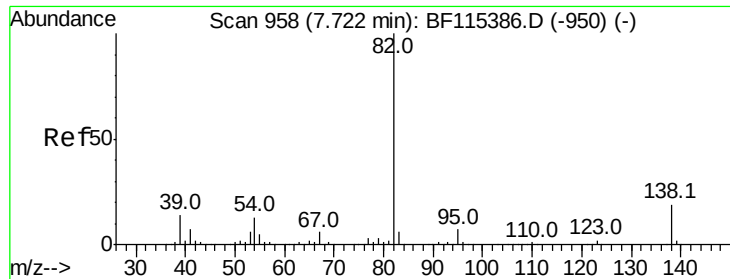
mohammad
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#24
Nitrobenzene
Concen: 36.305 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion: 77 Resp: 523190
Ion Ratio Lower Upper
77 100
123 48.5 35.0 52.6
65 13.2 10.8 16.2





#25

Isophorone

Concen: 35.320 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

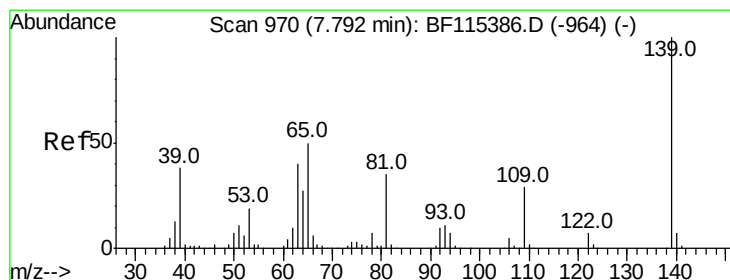
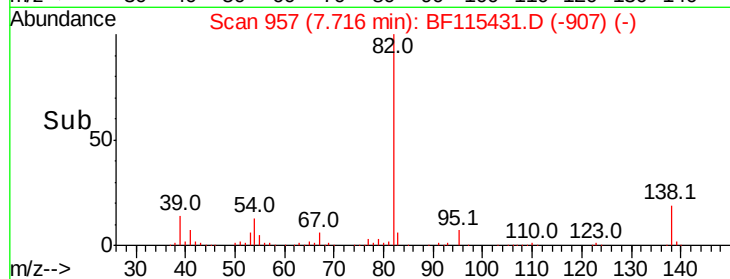
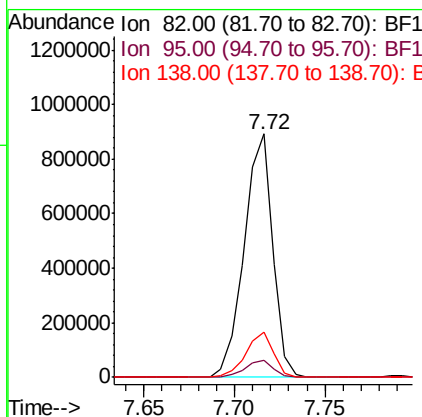
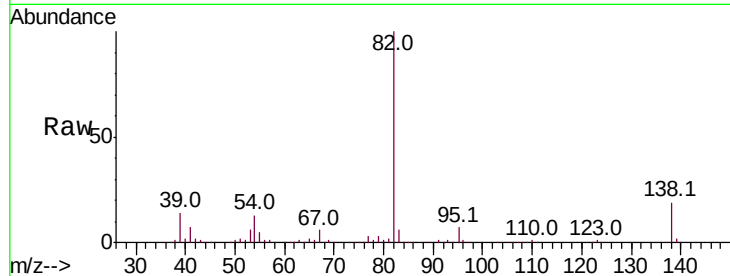
ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:	82	Resp:	976901
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.432 ng

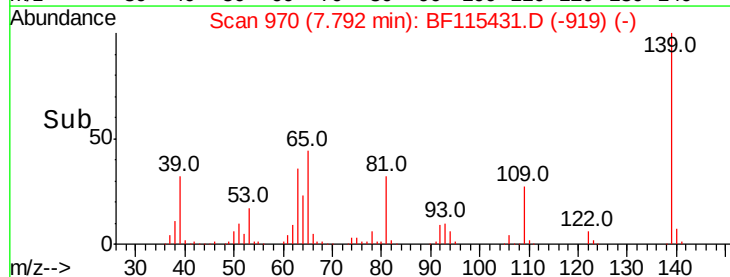
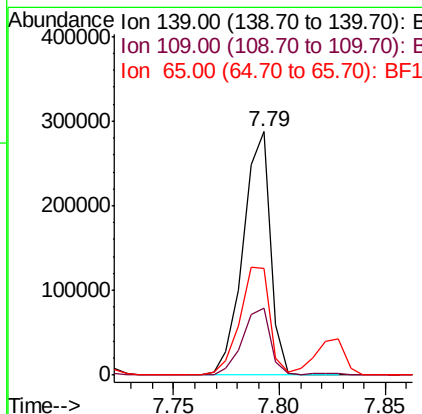
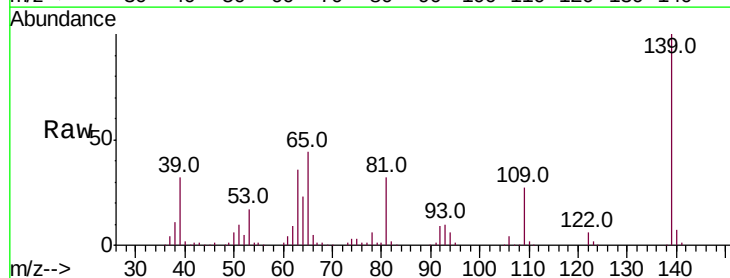
RT: 7.79 min Scan# 970

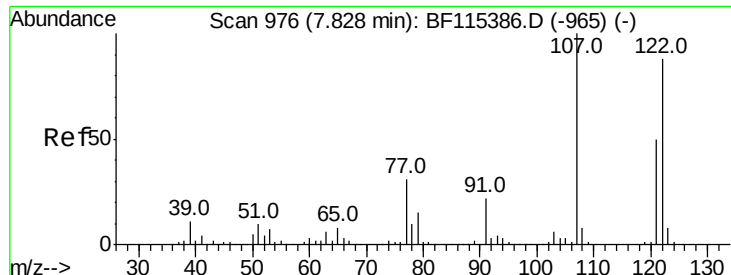
Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion:	139	Resp:	257325
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.9	34.3
65	43.9	40.2	60.4





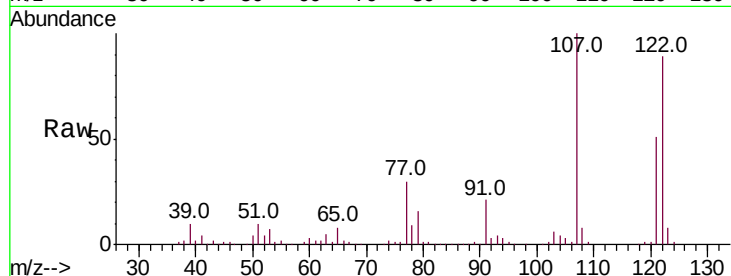
#27
 2,4-Dimethylphenol
 Concen: 39.962 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	91.0	136.6
121	57.8	45.9	68.9

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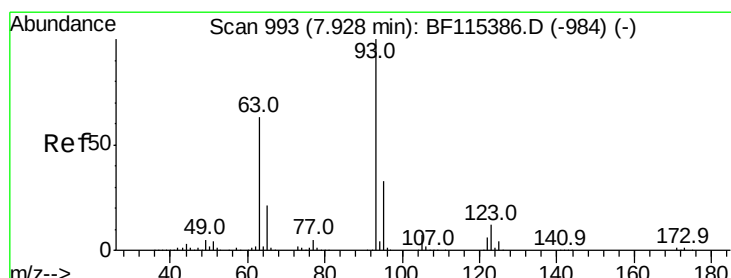
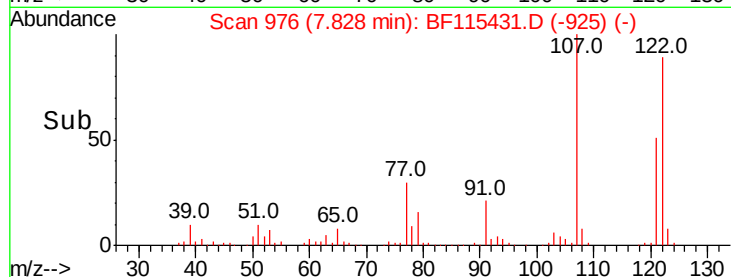
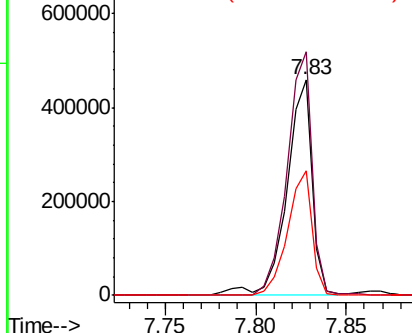


Abundance

Ion 122.00 (121.70 to 122.70): E

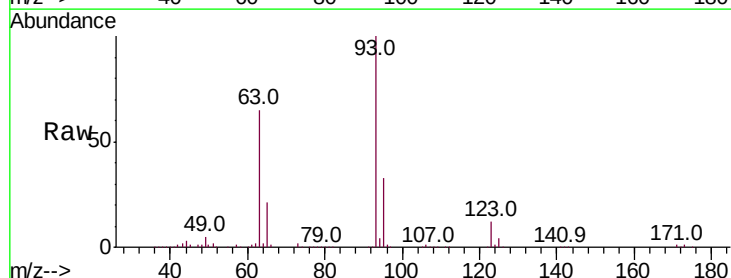
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.850 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	39.8
123	11.6	10.0	15.0

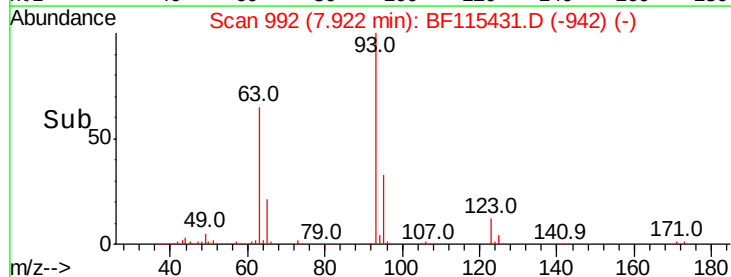
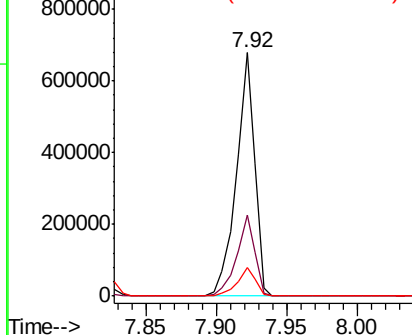


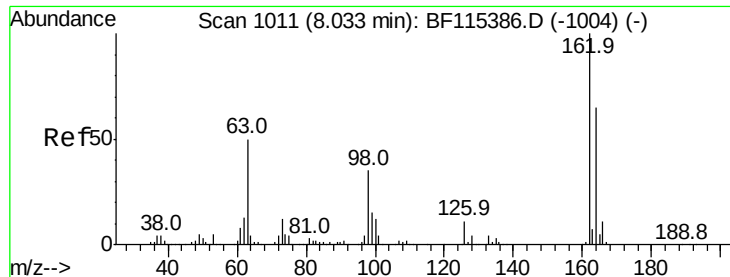
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





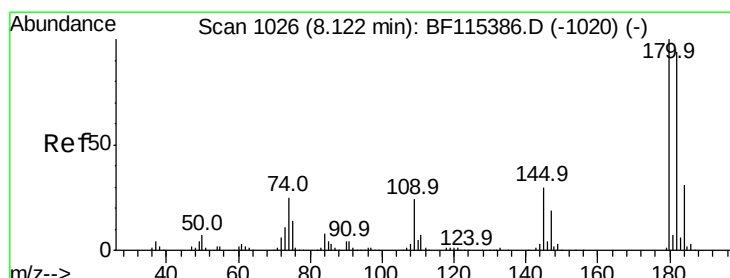
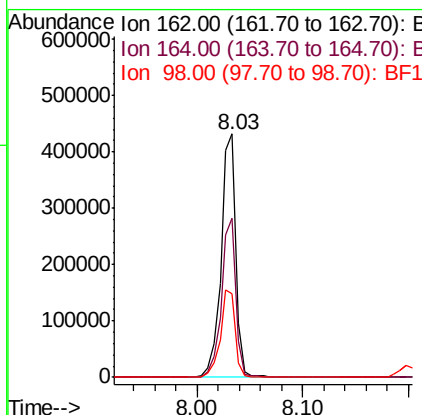
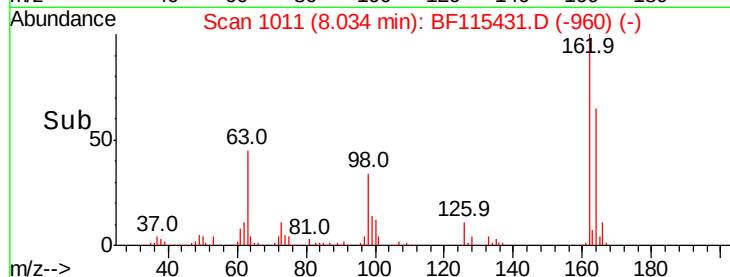
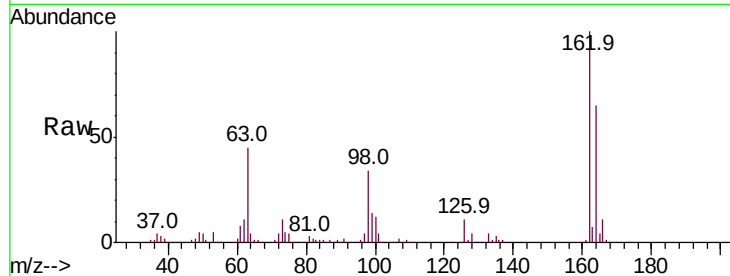
#29
2,4-Dichlorophenol
Concen: 37.823 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.6	84.6
98	34.5	15.0	55.0

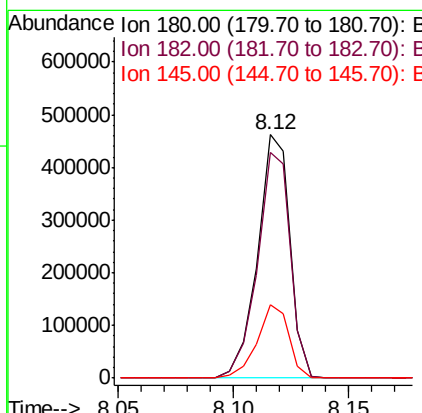
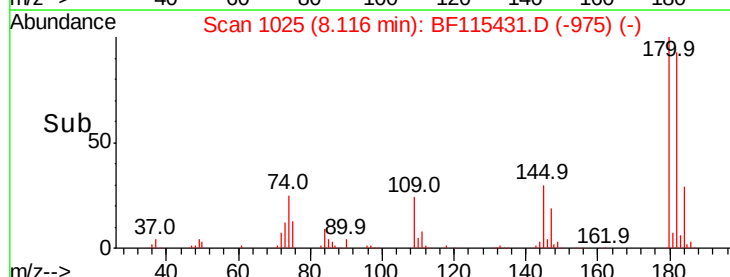
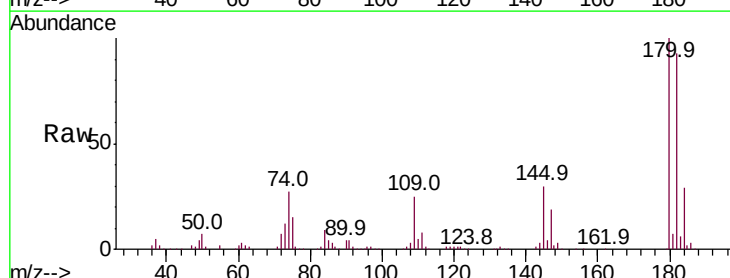
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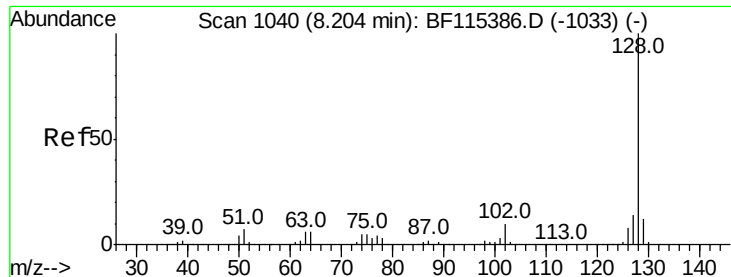
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.072 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.7	75.6	113.4
145	30.3	23.8	35.6





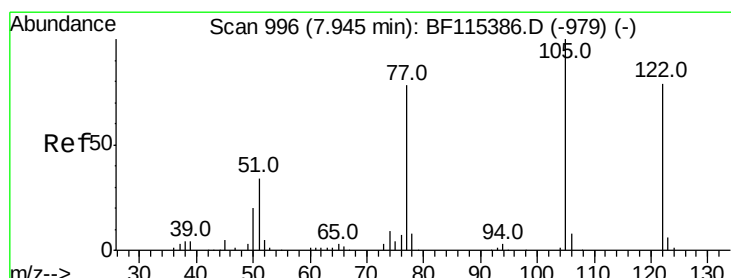
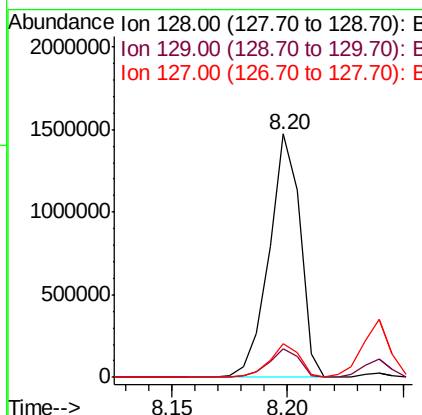
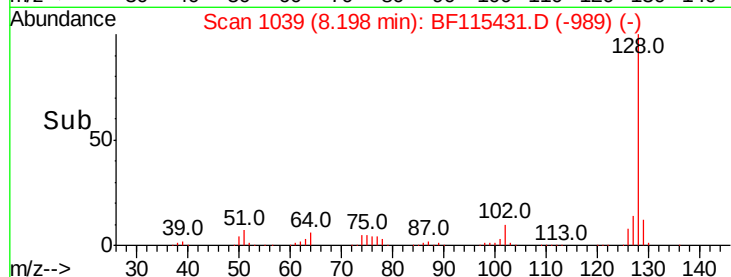
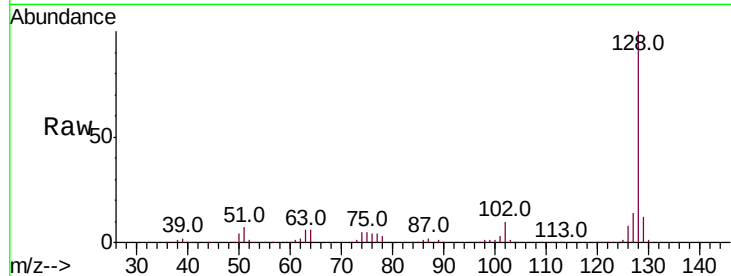
#31
Naphthalene
Concen: 36.624 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.8	11.2	16.8

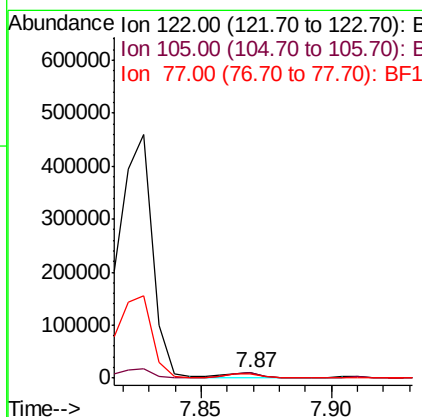
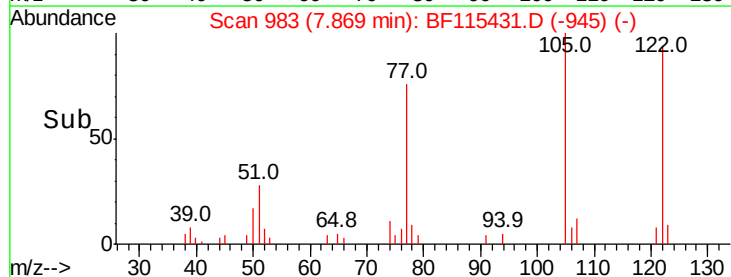
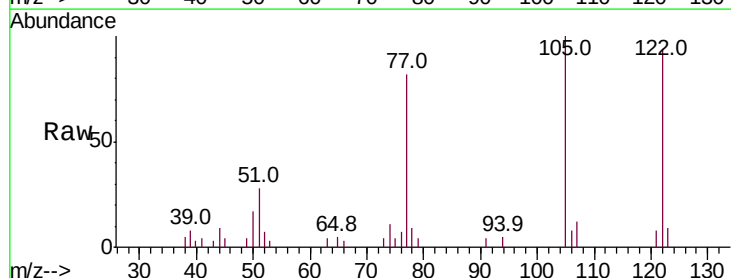
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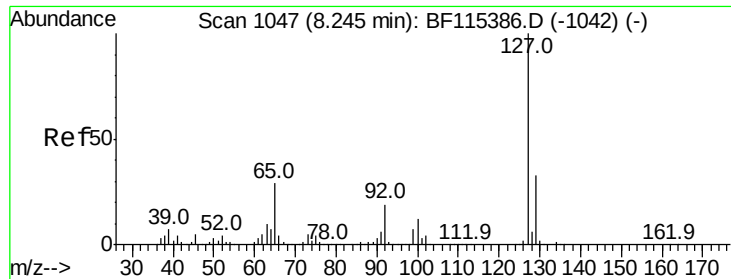
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#32
Benzoic acid
Concen: 7.348 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.5	105.1	145.1
77	87.0	77.8	117.8





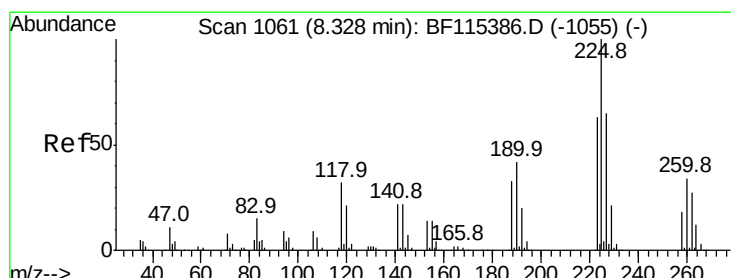
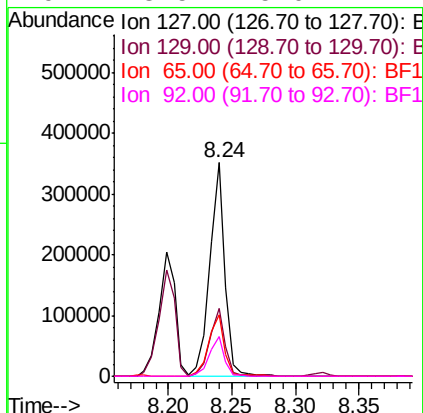
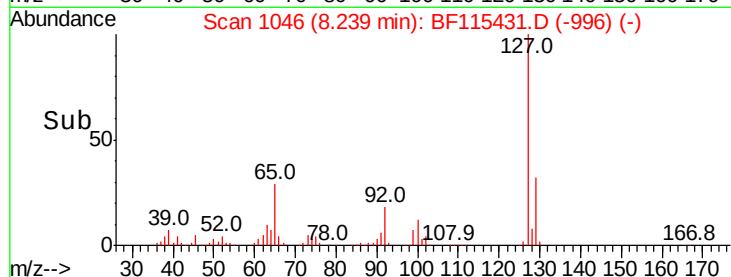
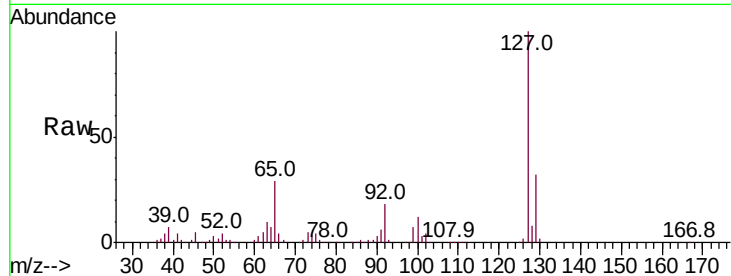
#33
4-Chloroaniline
Concen: 17.746 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.5	39.7		
65	28.8	23.3	34.9		
92	18.5	15.0	22.4		

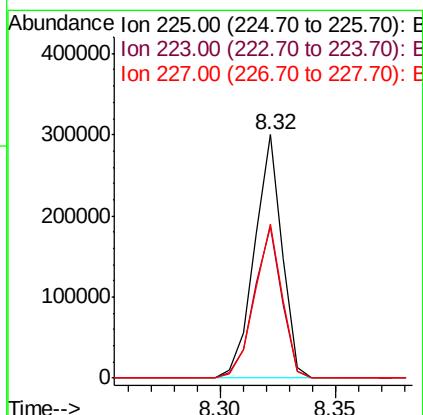
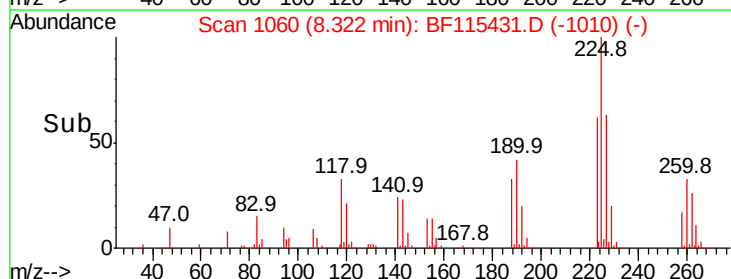
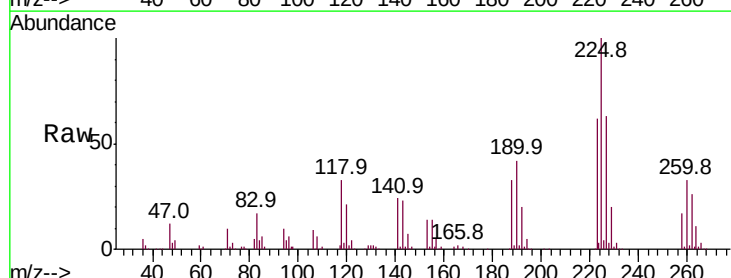
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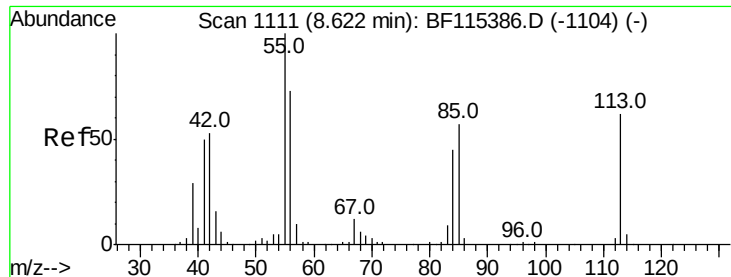
mohammad
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#34
Hexachlorobutadiene
Concen: 35.076 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.7	76.1		
227	63.2	52.1	78.1		





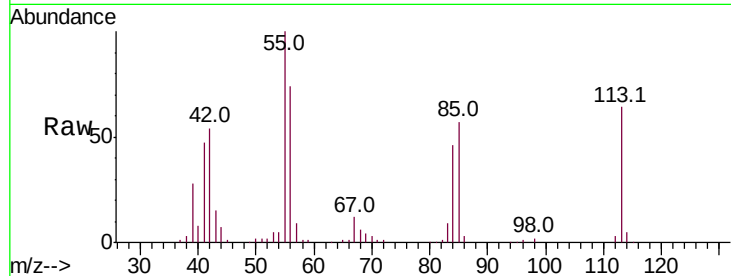
#35
Caprolactam
Concen: 34.997 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		128258		
55	155.8	141.9	181.9		
56	115.1	98.7	138.7		

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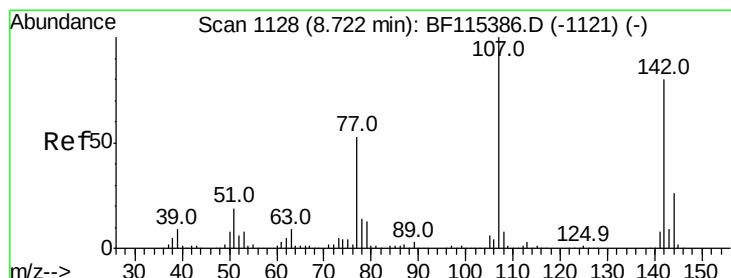
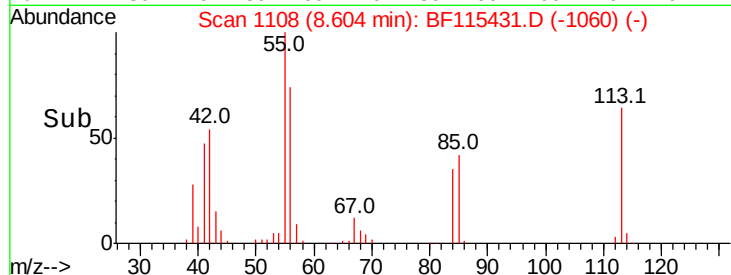
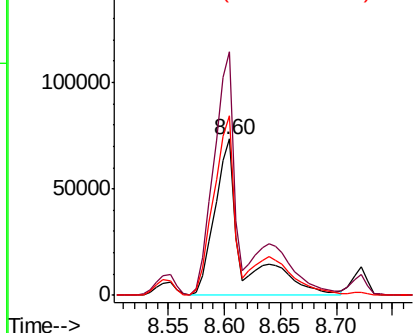


Abundance

Ion 113.00 (112.70 to 113.70): E

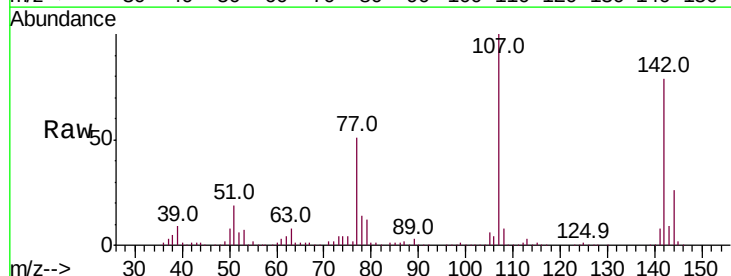
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 37.597 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		447485		
144	25.8	20.8	31.2		
142	79.0	64.0	96.0		

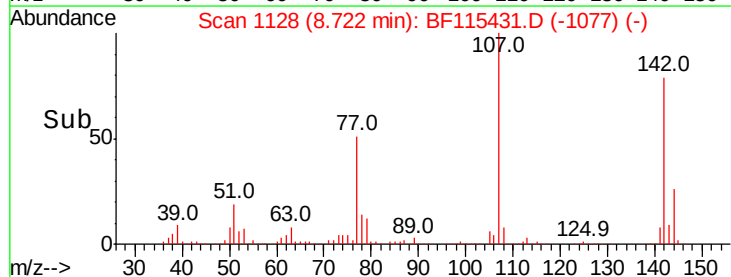
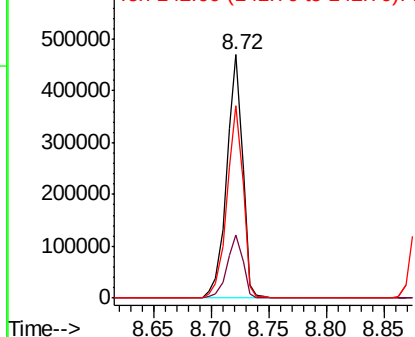


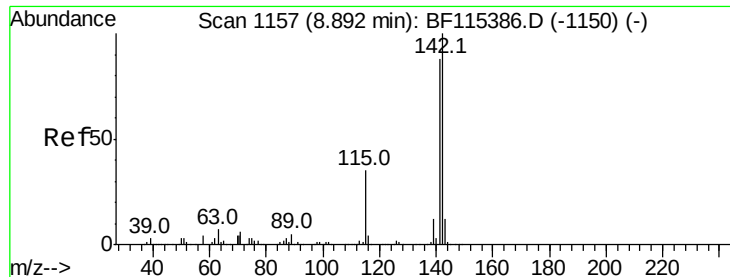
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.154 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

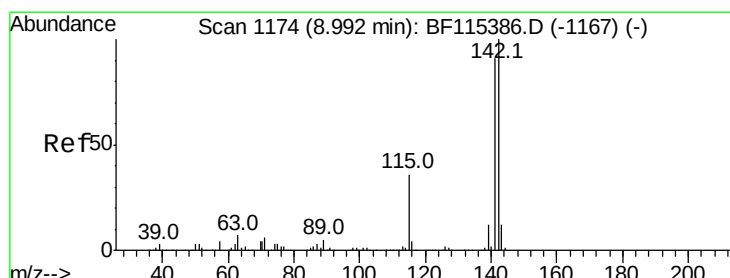
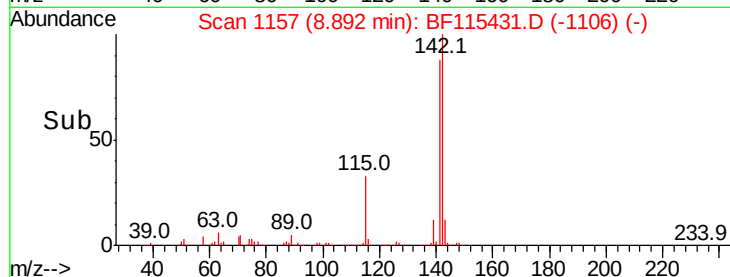
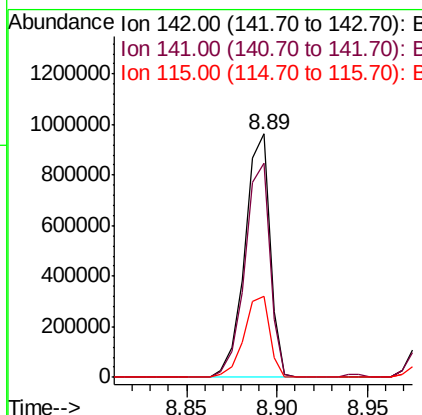
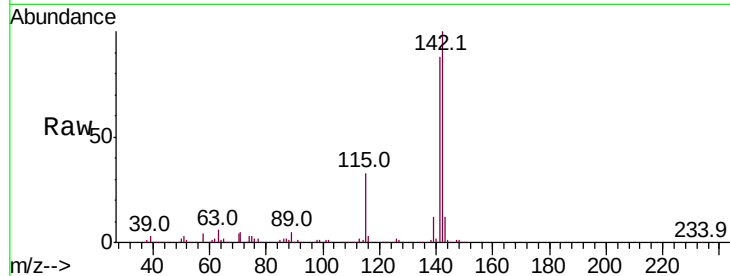
Instrument :
BNA_F

ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	929980		
141	88.1		70.6	106.0
115	33.2		27.8	41.8

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#38

1-Methylnaphthalene

Concen: 36.813 ng

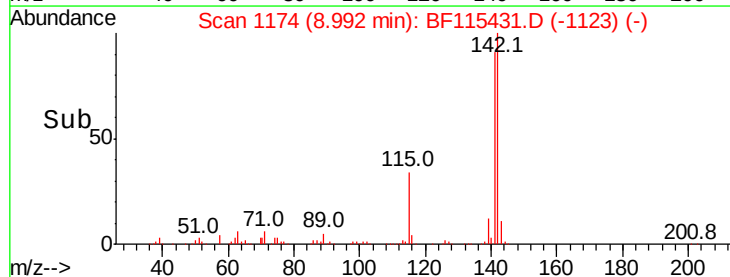
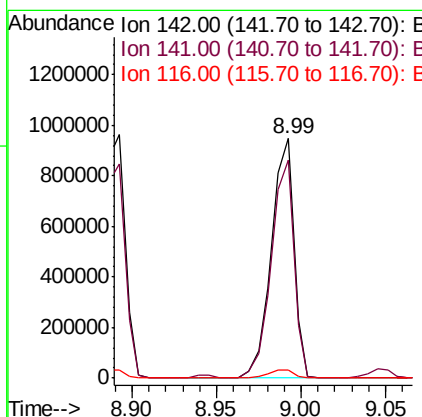
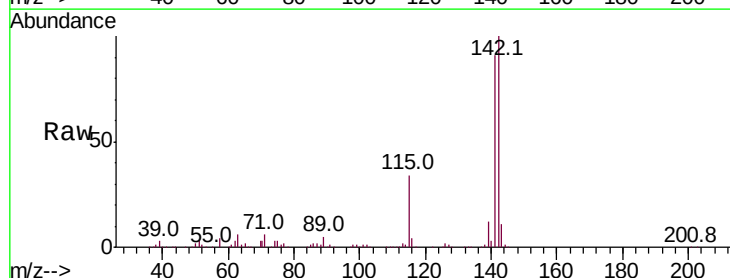
RT: 8.99 min Scan# 1174

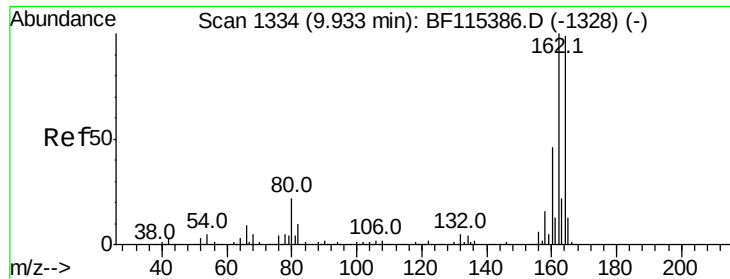
Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	879183		
141	91.1		72.7	109.1
116	3.6		3.0	4.4





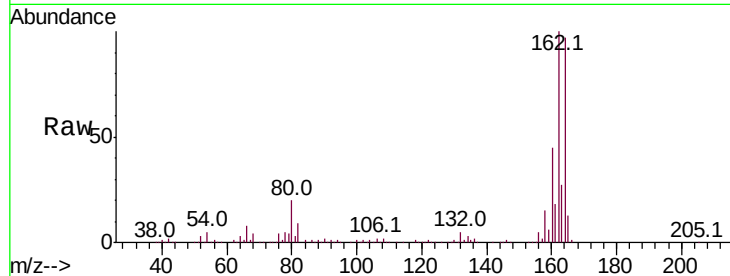
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	80.6	121.0	
160	46.7	37.0	55.6	

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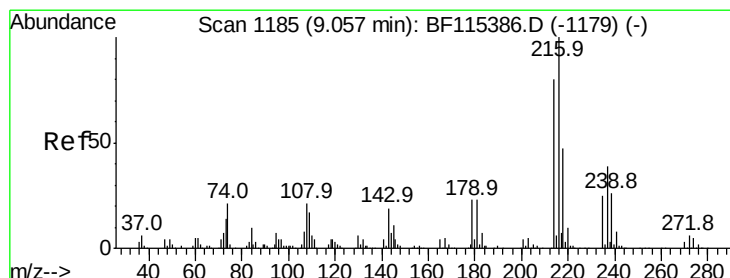
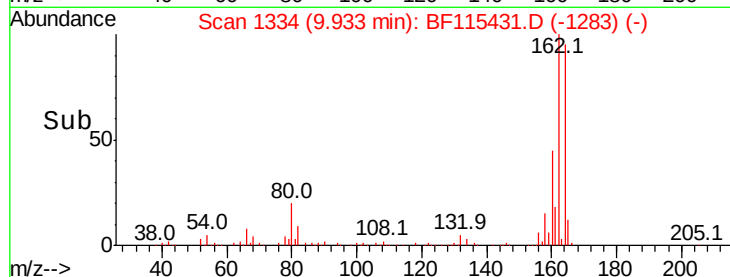
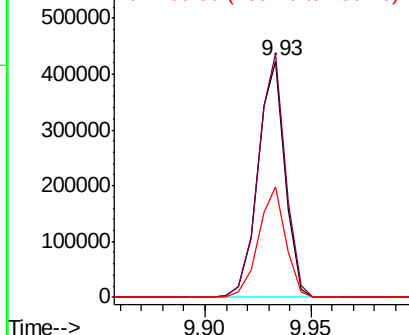


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.384 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.7	95.5	
179	21.8	17.8	26.8	
108	19.9	16.7	25.1	

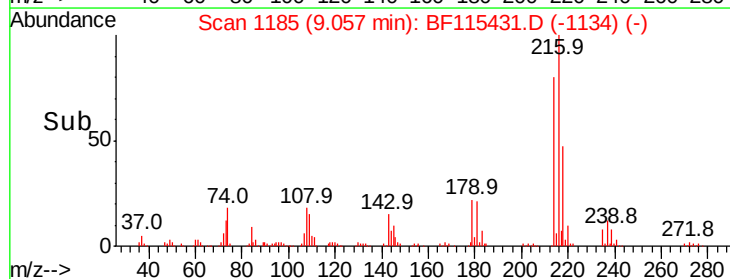
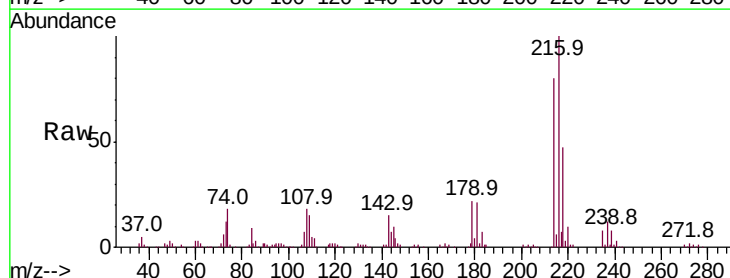
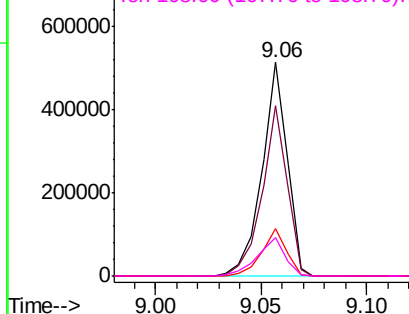
Abundance

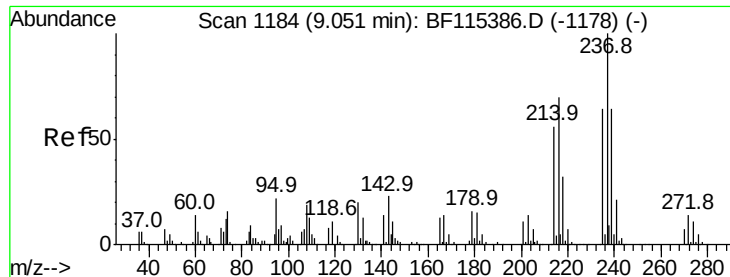
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





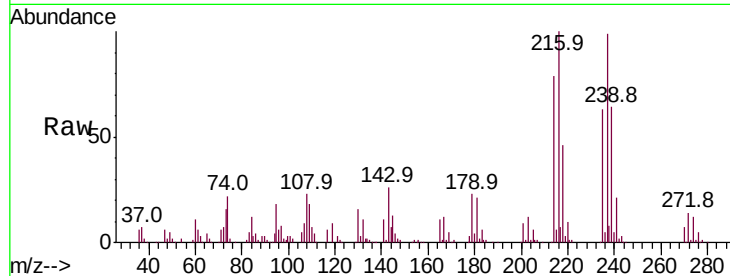
#41
Hexachlorocyclopentadiene
Concen: 43.080 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

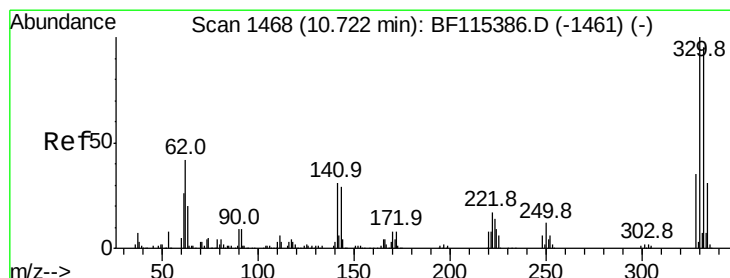
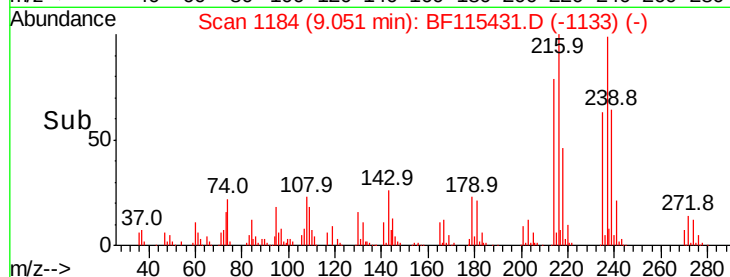
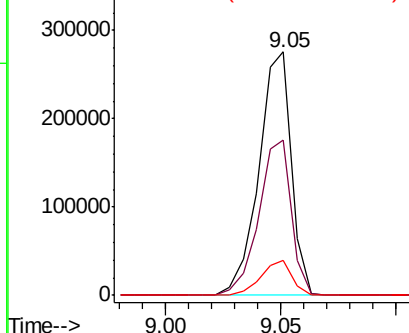
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.4	84.4
272	14.4	0.0	33.7

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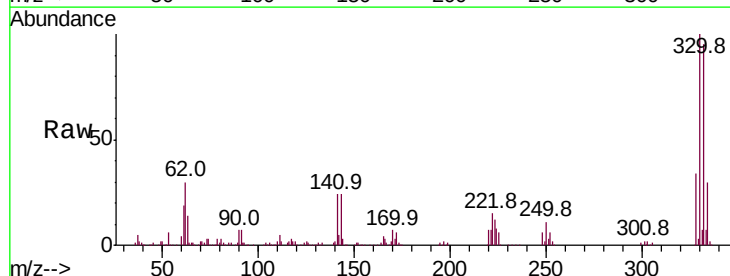


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

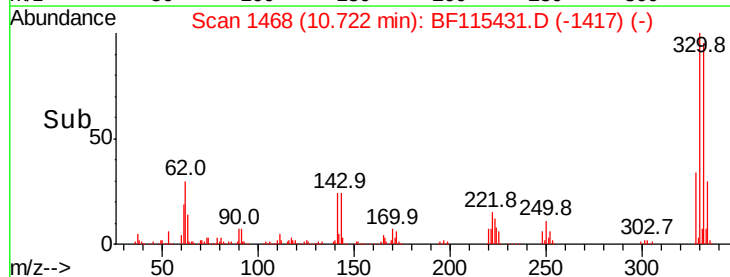
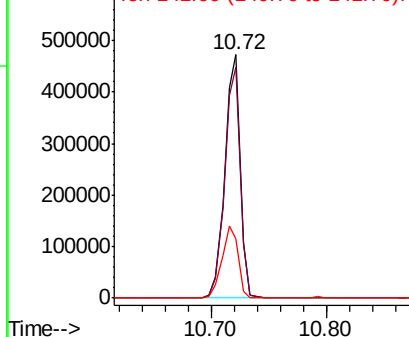


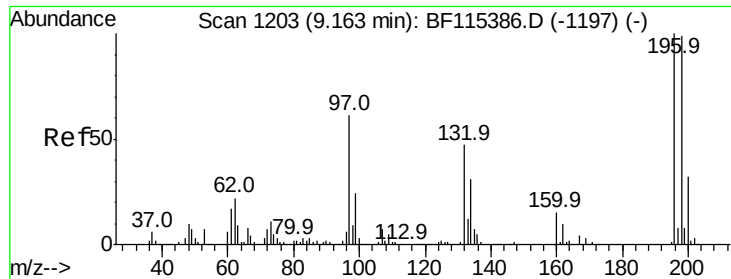
#42
2,4,6-Tribromophenol
Concen: 104.564 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	76.3	114.5
141	31.1	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





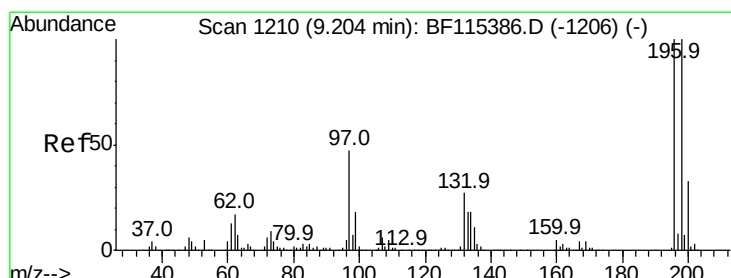
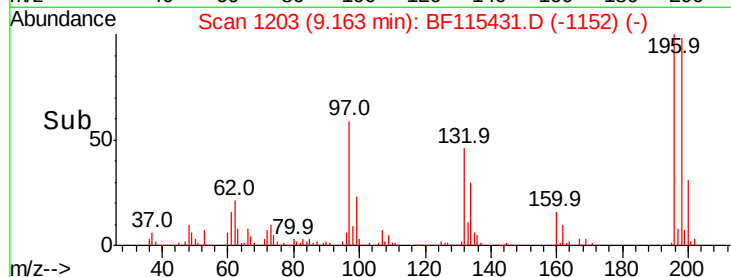
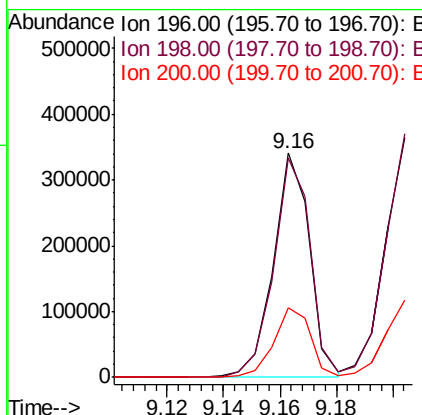
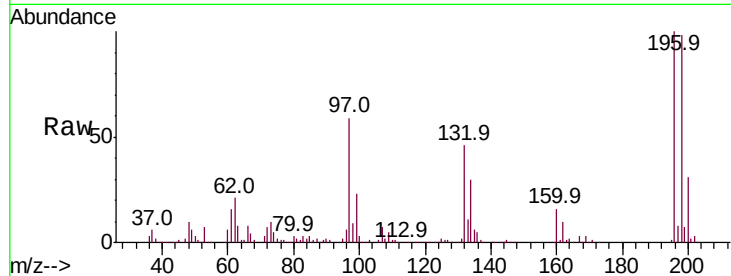
#43
 2,4,6-Trichlorophenol
 Concen: 38.400 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	302941		
198	98.0	79.5	119.3	
200	31.1	25.8	38.8	

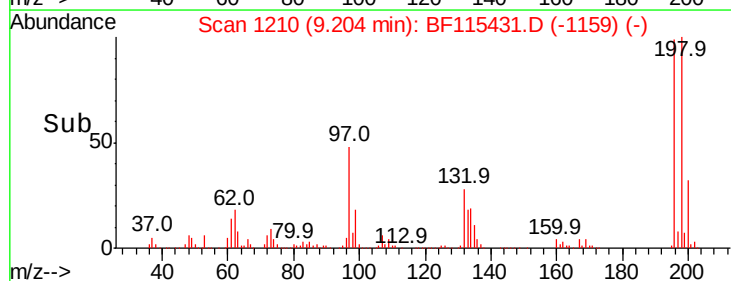
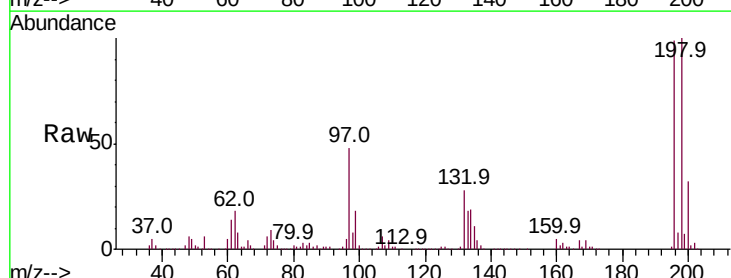
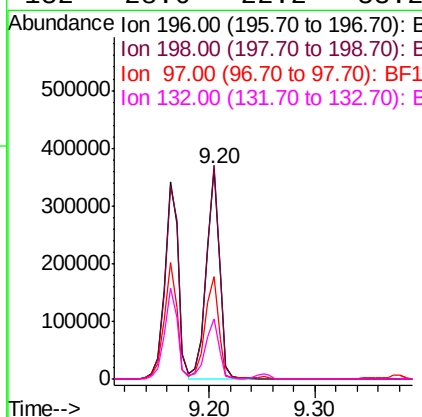
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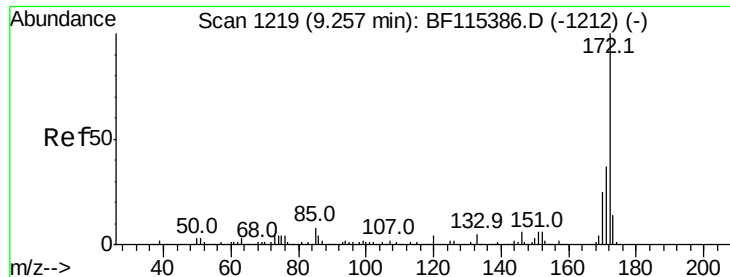
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#44
 2,4,5-Trichlorophenol
 Concen: 38.855 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317849		
198	101.5	80.3	120.5	
97	48.9	38.3	57.5	
132	28.6	22.2	33.2	





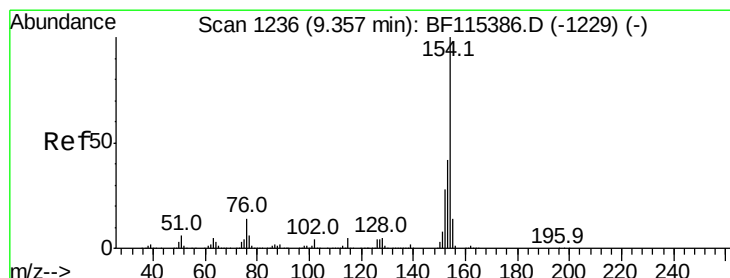
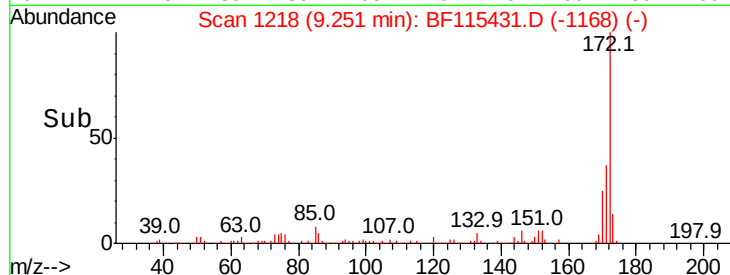
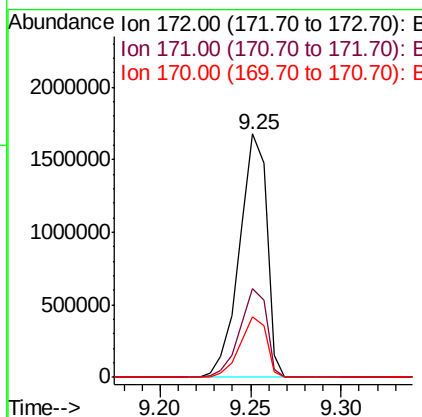
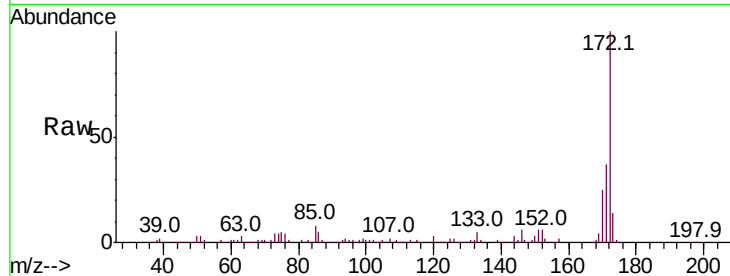
#45
2-Fluorobiphenyl
Concen: 81.819 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion:172 Resp: 1756326
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.8
170 24.9 20.2 30.4

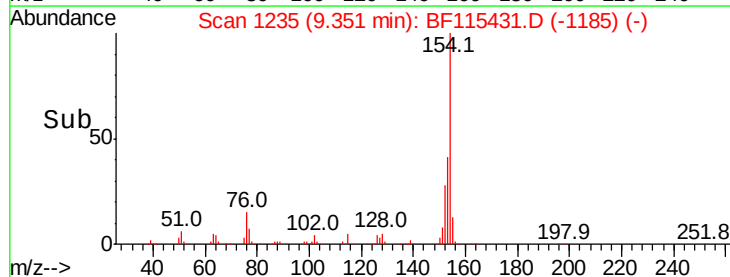
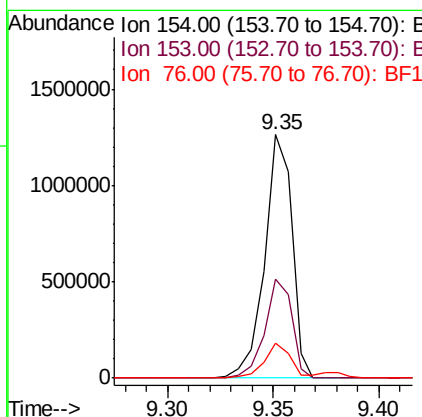
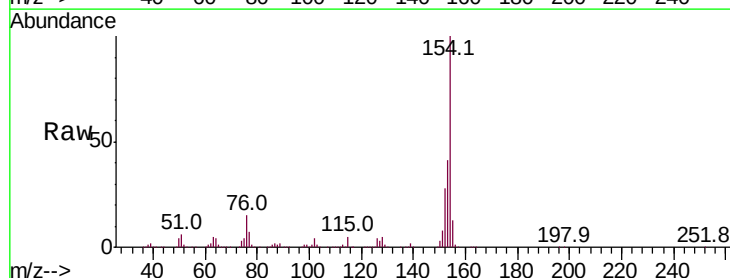
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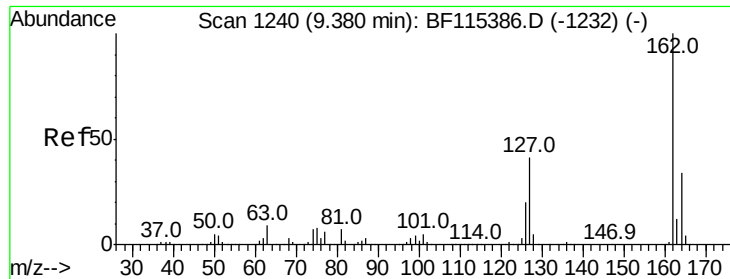
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#46
1,1'-Biphenyl
Concen: 38.462 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion:154 Resp: 1138953
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 14.6 0.0 34.3





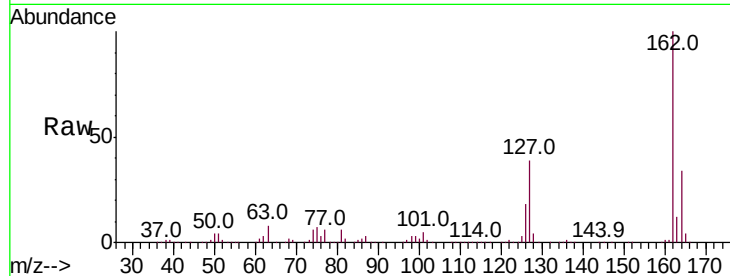
#47
2-Chloronaphthalene
Concen: 36.442 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	891883		
127	39.1	32.8	49.2	
164	34.1	27.0	40.6	

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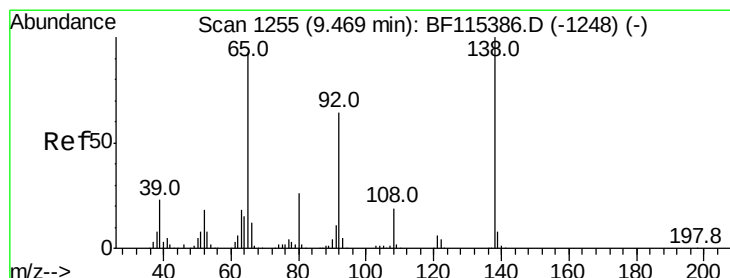
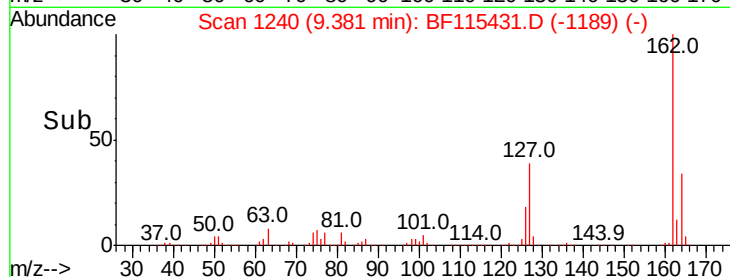
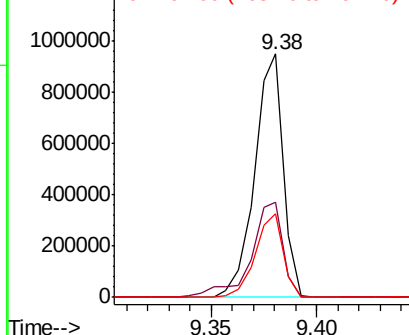


Abundance

Ion 162.00 (161.70 to 162.70): E

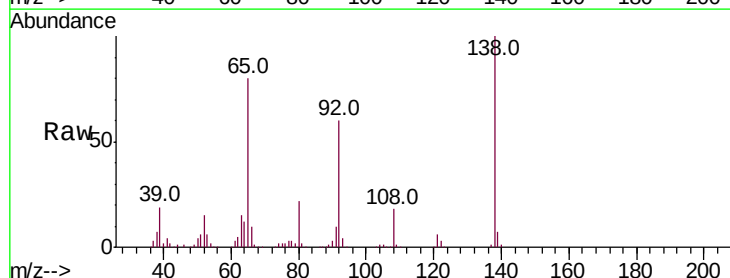
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.104 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	281173		
92	74.2	55.4	83.0	
138	124.3	85.8	128.8	

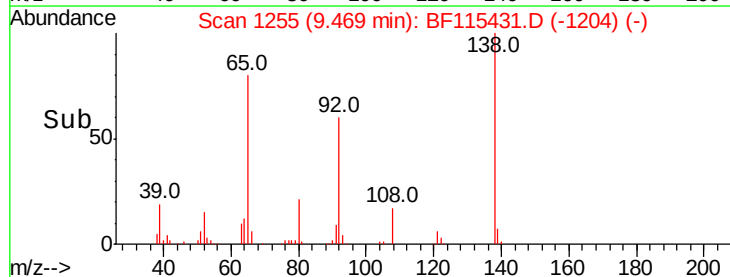
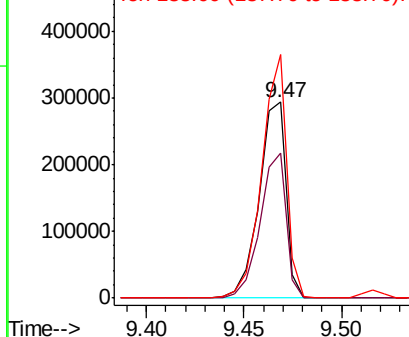


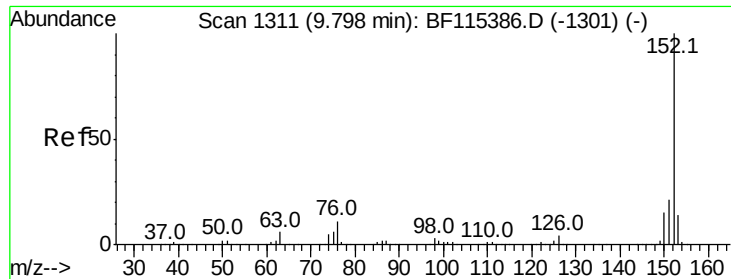
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





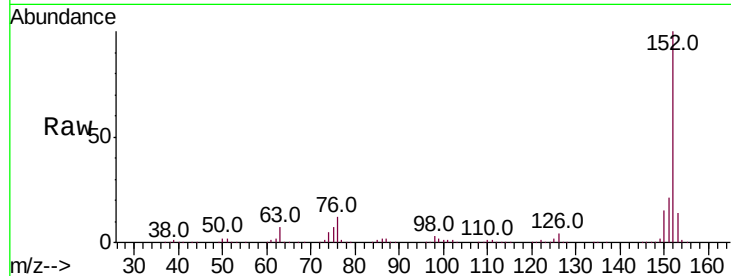
#49
Acenaphthylene
Concen: 36.461 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

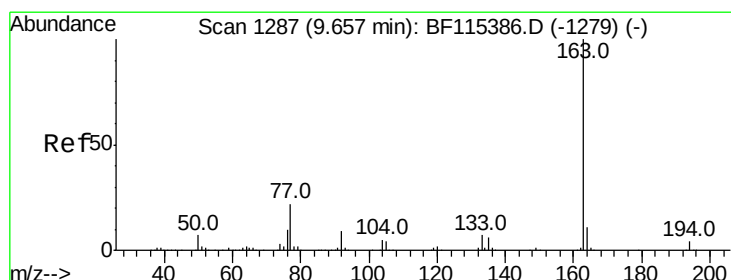
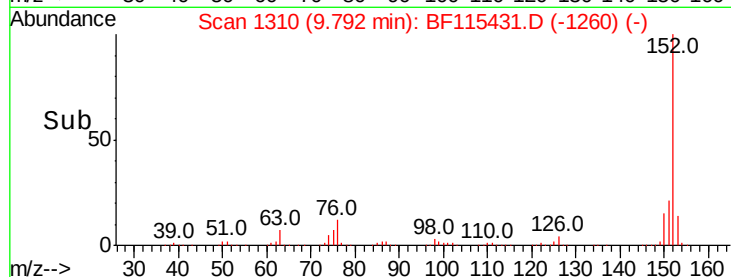
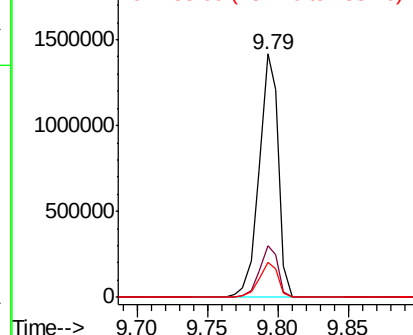
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	14.3	11.4	17.2

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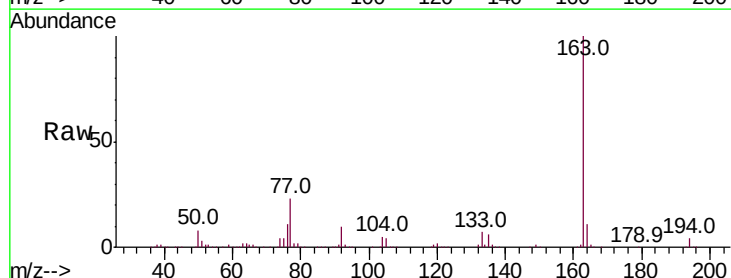


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

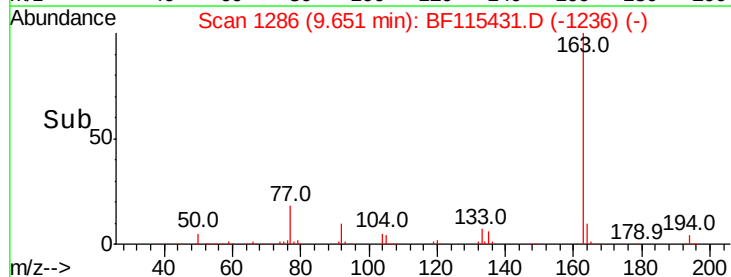
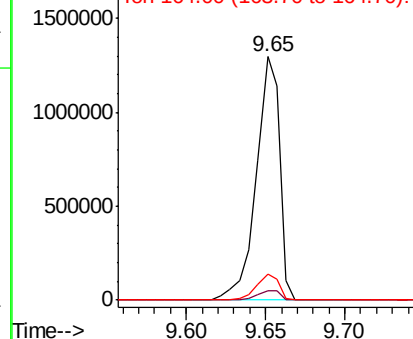


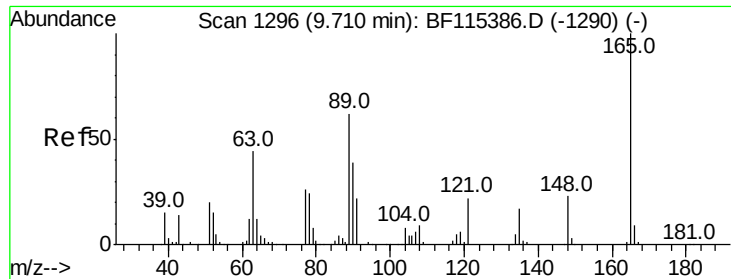
#50
Dimethylphthalate
Concen: 46.679 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





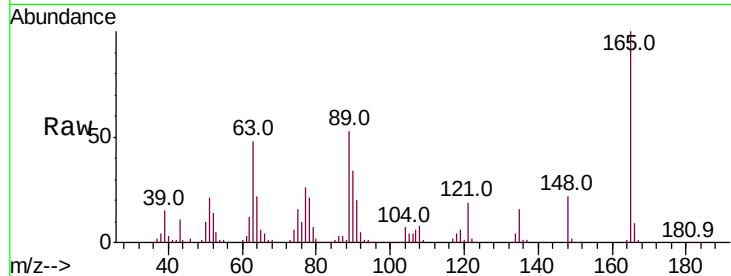
#51
2,6-Dinitrotoluene
Concen: 39.694 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

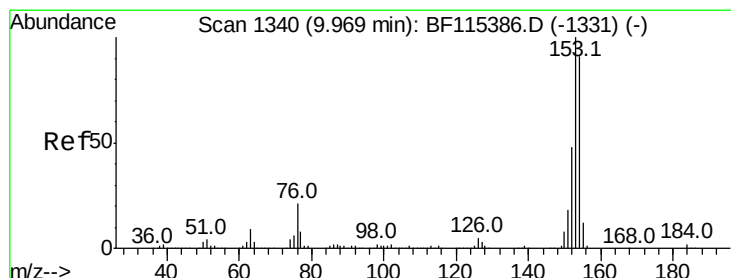
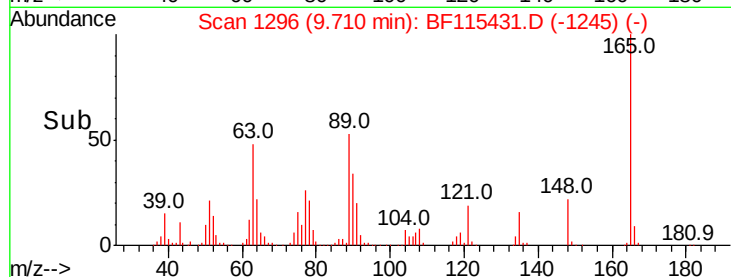
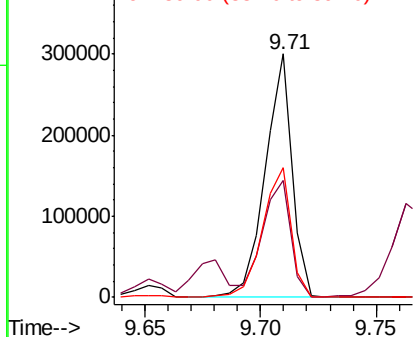
Tot Ion	Ratio	Resp	Lower	Upper
165	100	243386		
63	48.1	45.8	68.6	
89	53.2	49.9	74.9	

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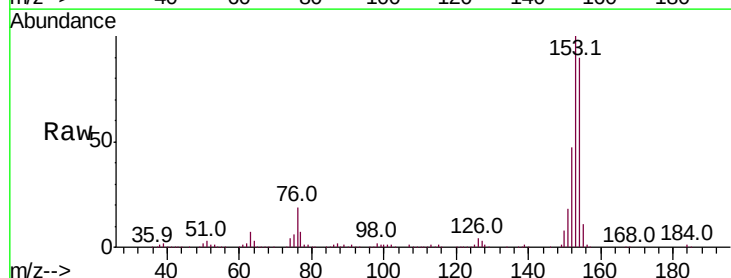


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

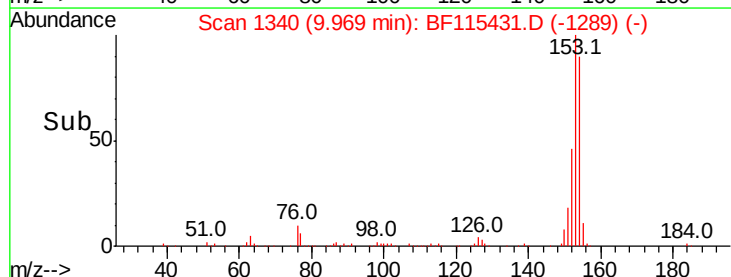
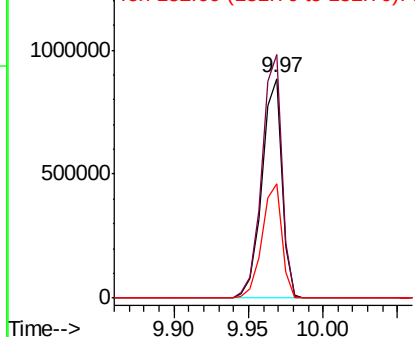


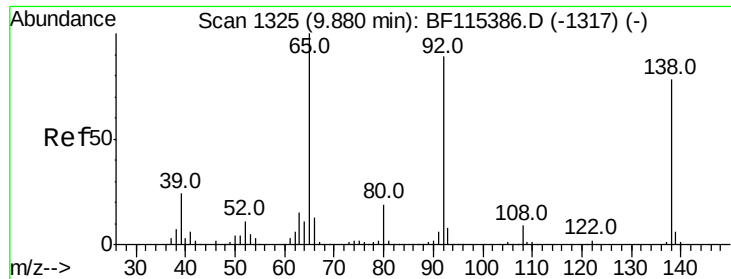
#52
Acenaphthene
Concen: 34.930 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	814585		
153	110.8	87.9	131.9	
152	51.9	42.2	63.2	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





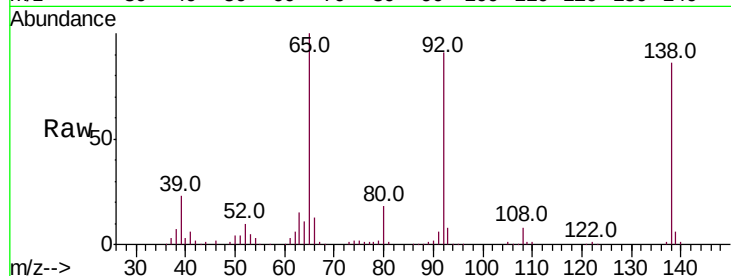
#53
3-Nitroaniline
Concen: 27.187 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

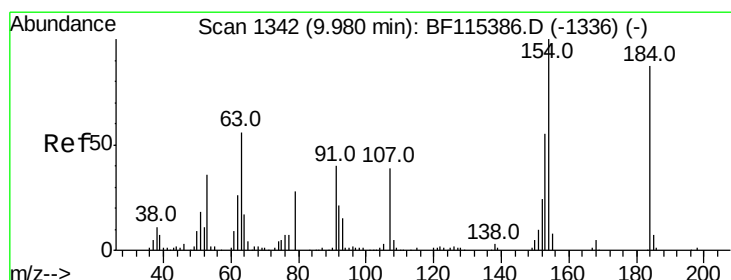
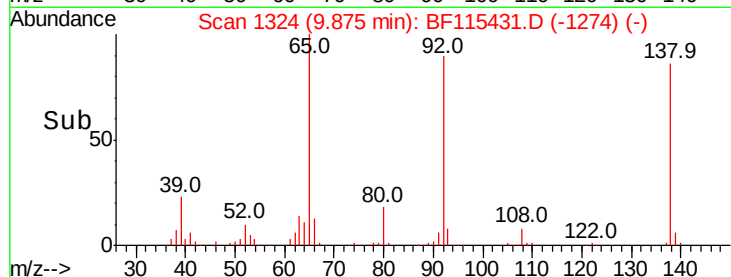
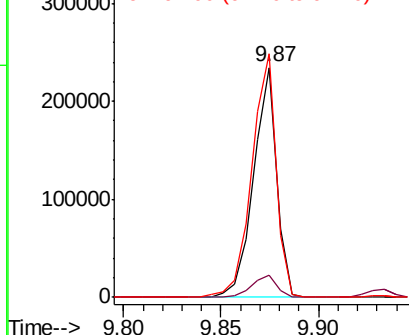
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.0	13.4
92	105.8	90.5	135.7

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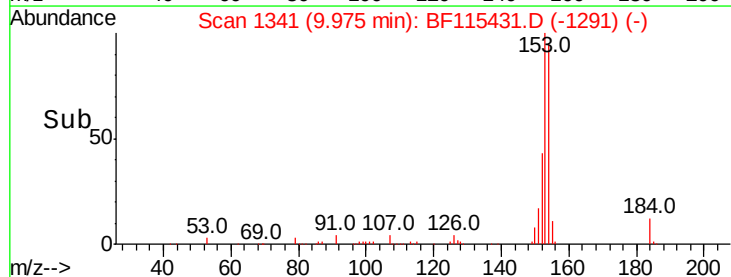
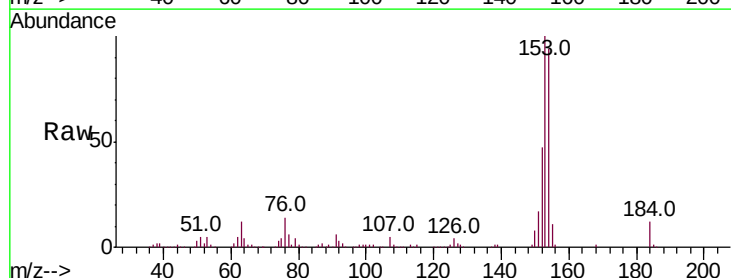
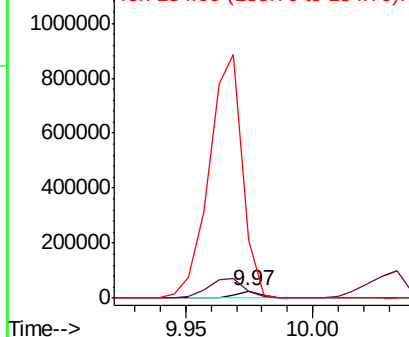
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

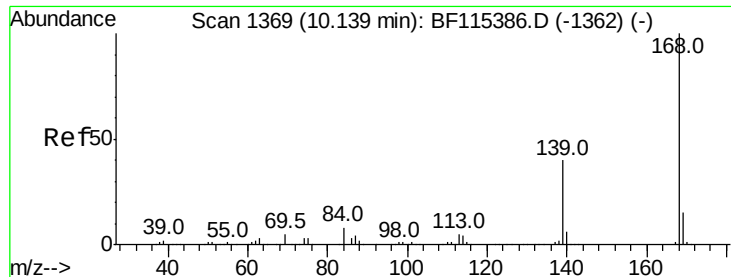


#54
2,4-Dinitrophenol
Concen: 16.112 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	100.6	52.1	78.1#
154	810.8	97.7	146.5#

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





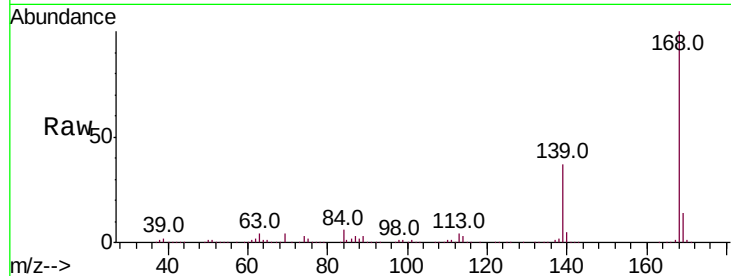
#55
Dibenzenofuran
Concen: 36.866 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

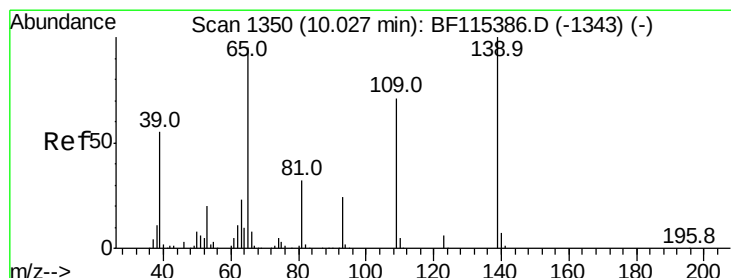
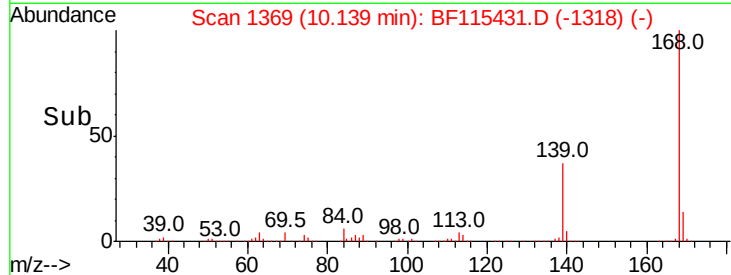
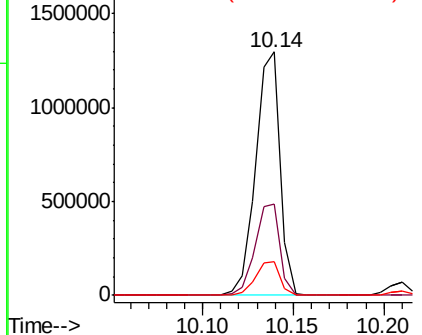
Tot Ion:168 Resp: 1211058
Ion Ratio Lower Upper
168 100
139 37.4 32.2 48.2
169 13.6 11.7 17.5

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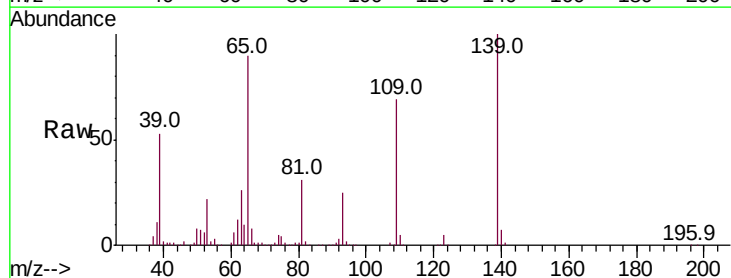


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

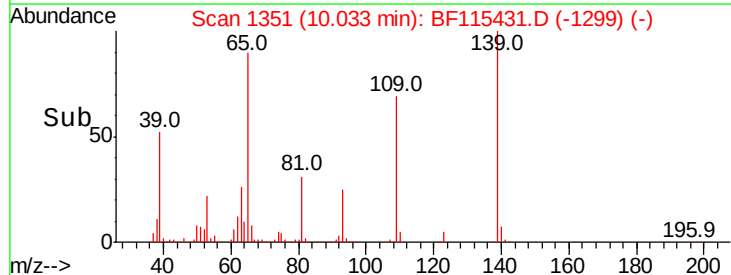
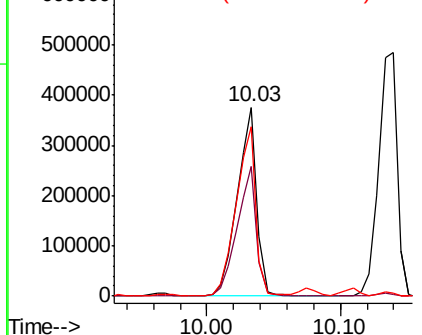


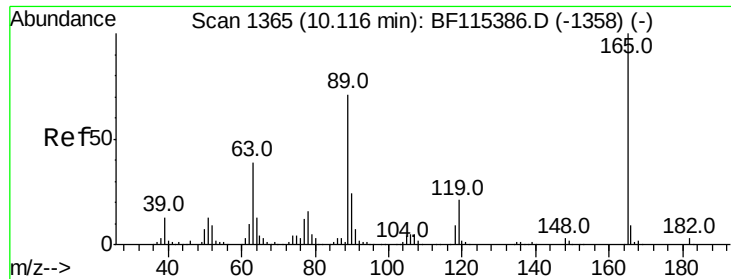
#56
4-Nitrophenol
Concen: 69.699 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion:139 Resp: 384026
Ion Ratio Lower Upper
139 100
109 68.7 51.1 91.1
65 89.7 75.2 115.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.872 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:165 Resp: 310698

Ion Ratio Lower Upper

165 100

63 40.0 31.4 47.0

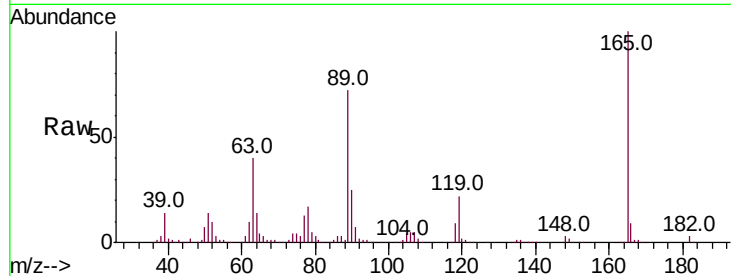
89 72.4 57.1 85.7

182 2.7 2.2 3.2

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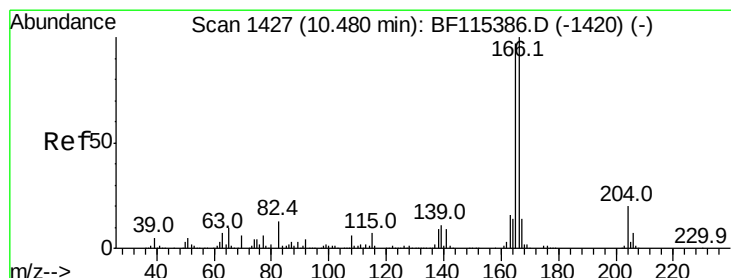
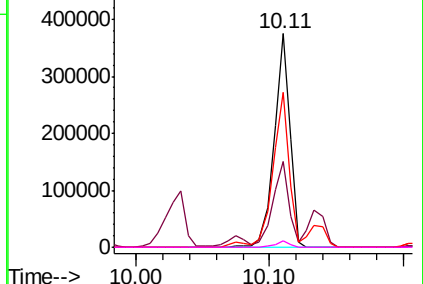
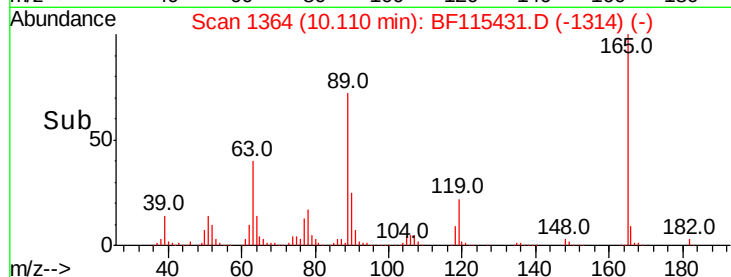
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.094 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

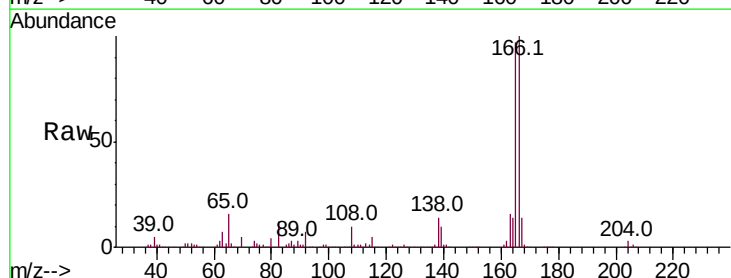
Tgt Ion:166 Resp: 882901

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.6

167 13.6 11.0 16.6

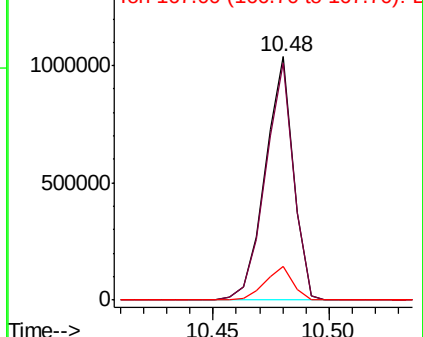
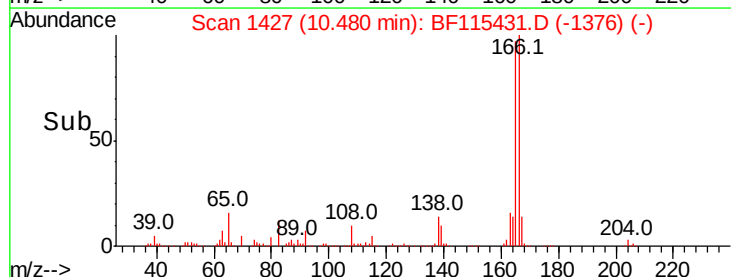


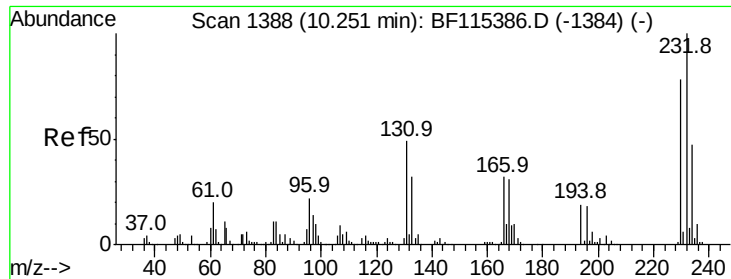
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.372 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:232 Resp: 242901

Ion Ratio Lower Upper

232 100

131 45.9 36.6 55.0

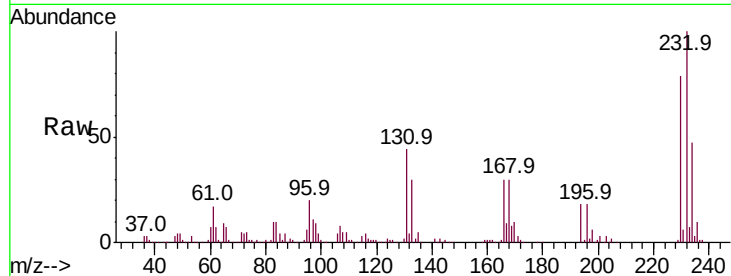
130 2.4 1.8 2.8

166 30.7 24.6 36.8

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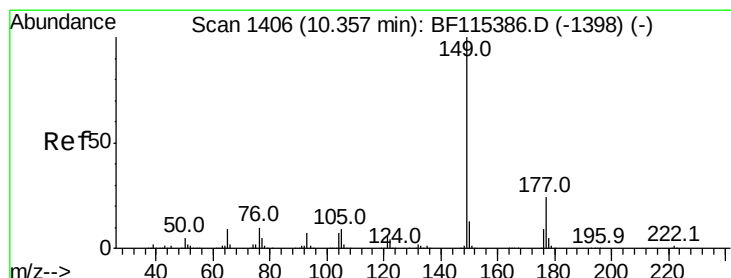
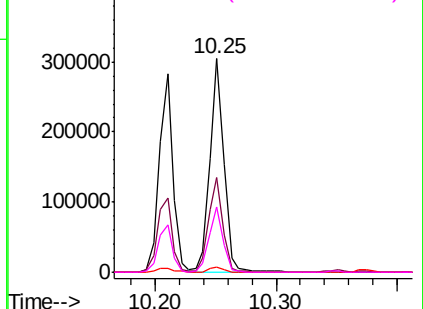
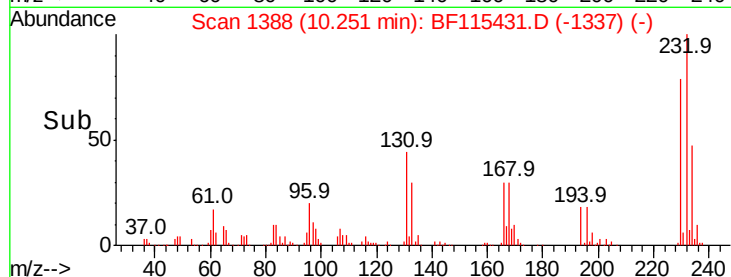


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 36.989 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

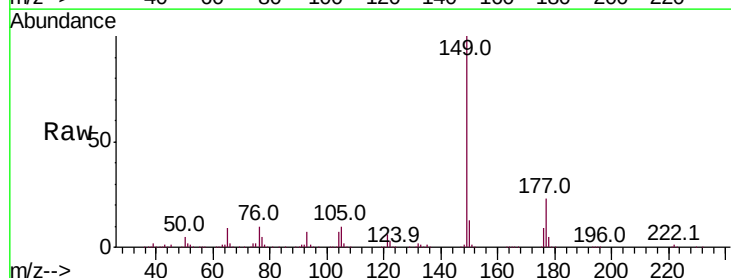
Tgt Ion:149 Resp: 1029324

Ion Ratio Lower Upper

149 100

177 23.5 18.8 28.2

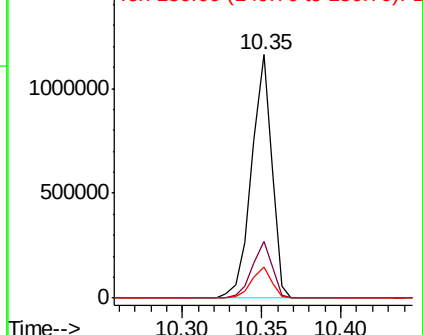
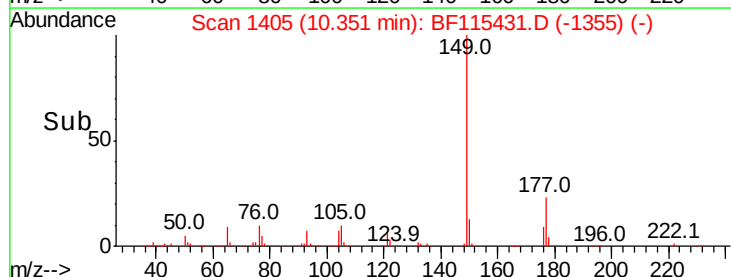
150 12.7 10.2 15.2

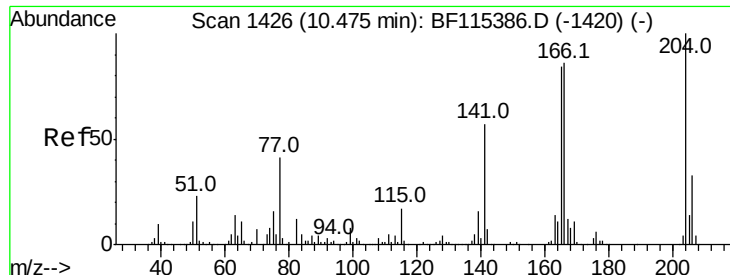


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





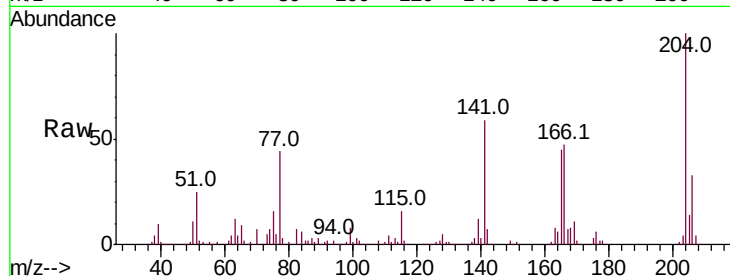
#61
4-Chlorophenyl-phenylether
Concen: 36.584 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	59.0	45.8	68.6

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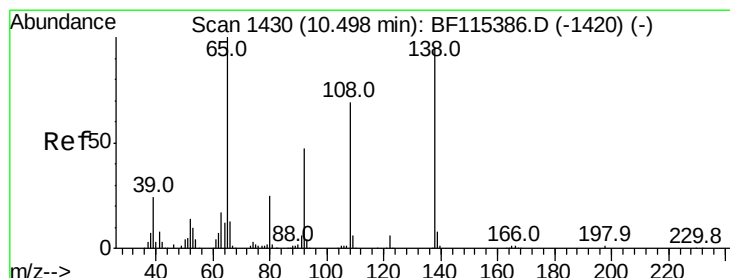
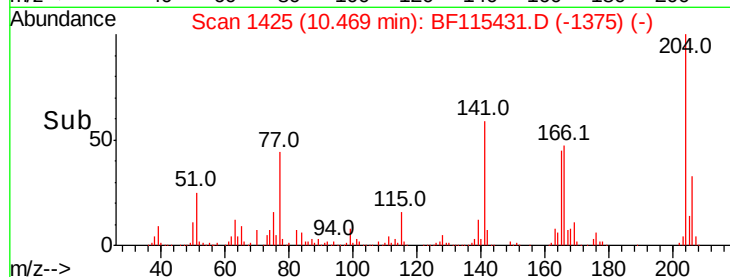
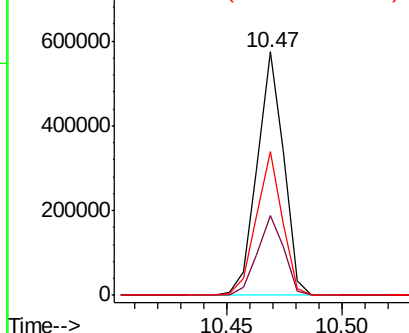


Abundance

Ion 204.00 (203.70 to 204.70): E

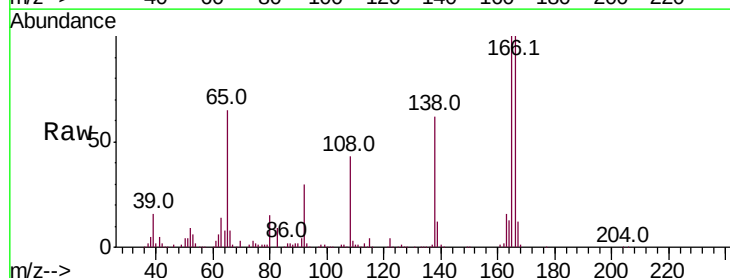
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.715 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.3	69.3
108	70.3	53.2	93.2

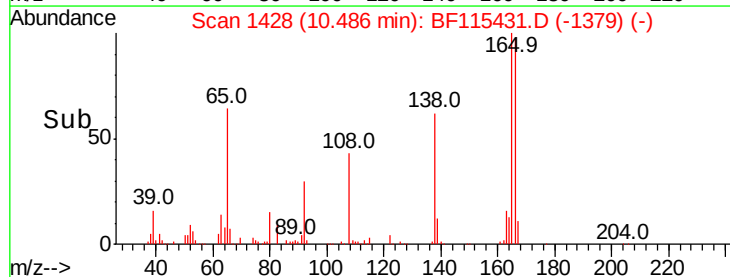
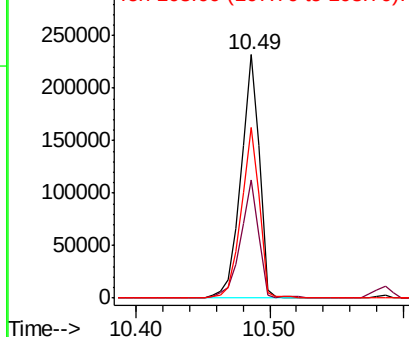


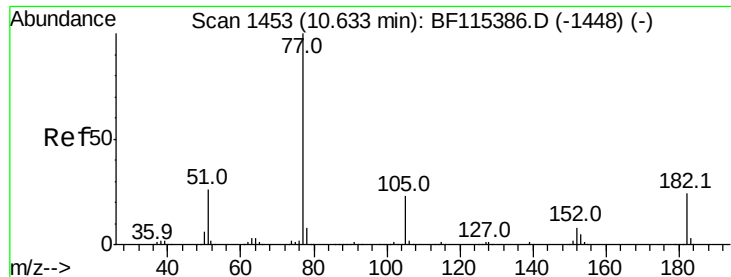
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





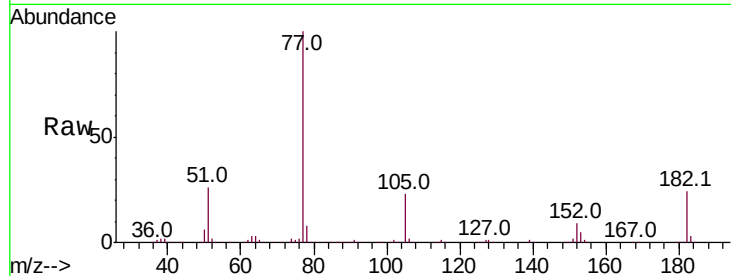
#63
Azobenzene
Concen: 35.238 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

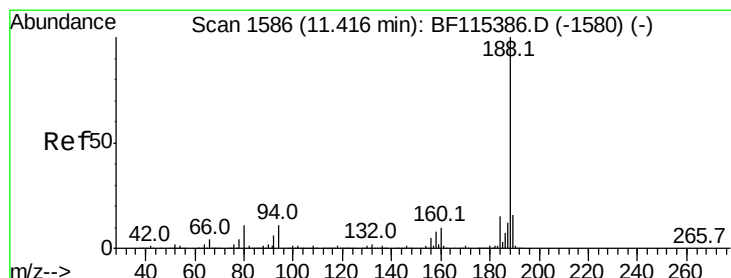
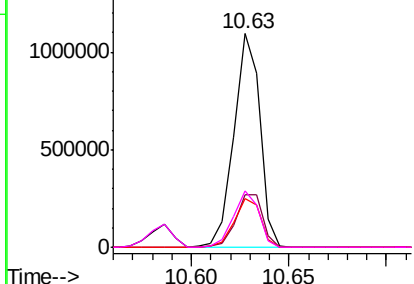
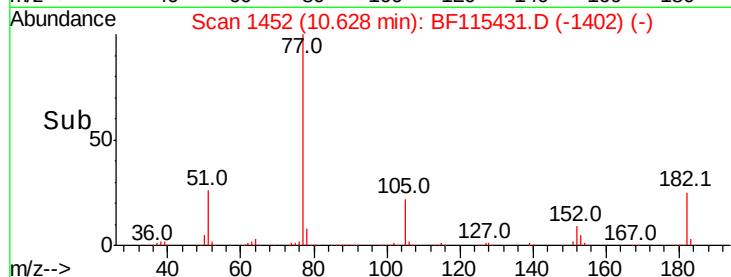
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.1	44.1
105	22.7	2.6	42.6
51	26.5	6.4	46.4

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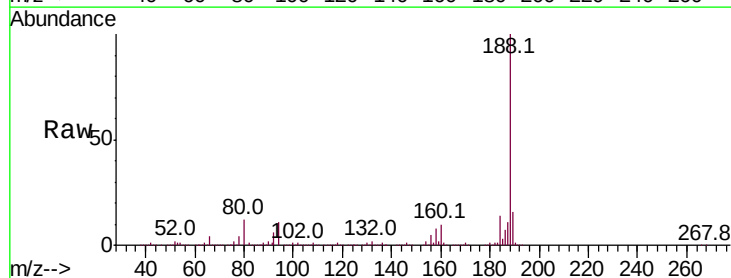


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

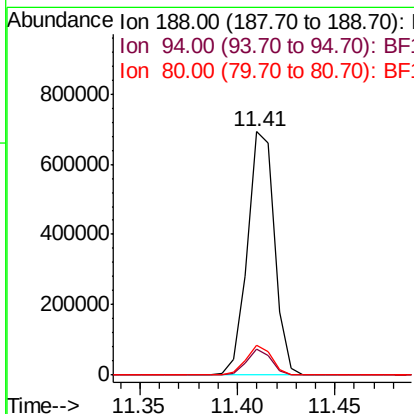
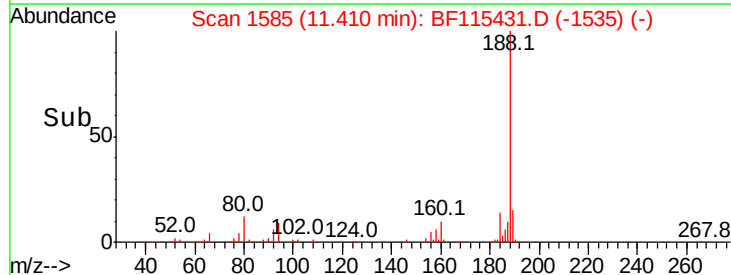


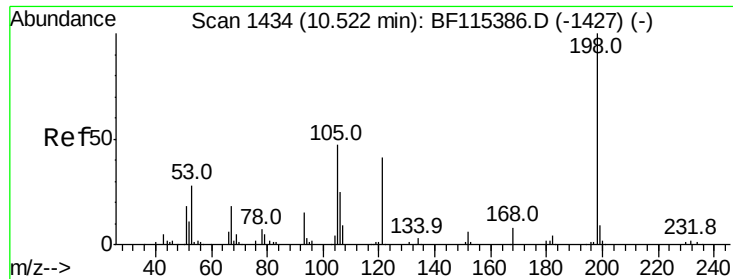
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	12.2	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 19.565 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

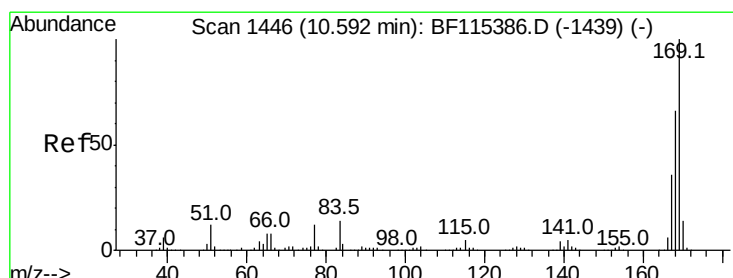
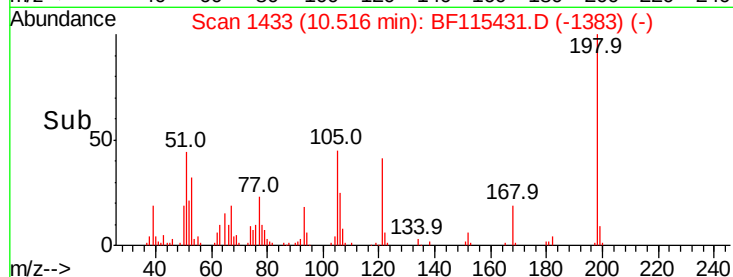
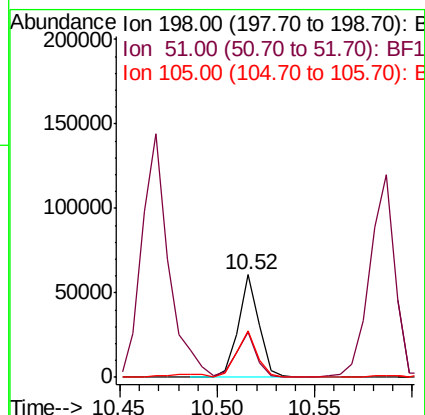
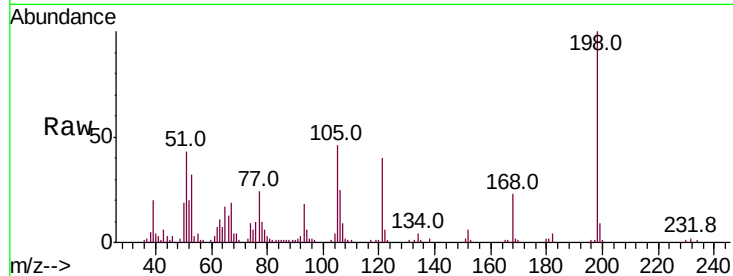
ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:	198	Resp:	44825
Ion Ratio	Lower	Upper	
198	100		
51	43.5	25.4	65.4
105	45.7	27.9	67.9

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#66

n-Nitrosodiphenylamine

Concen: 40.980 ng

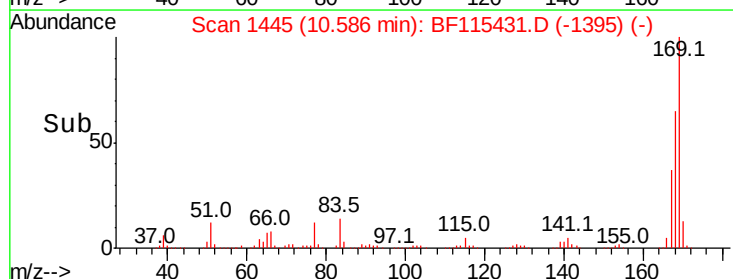
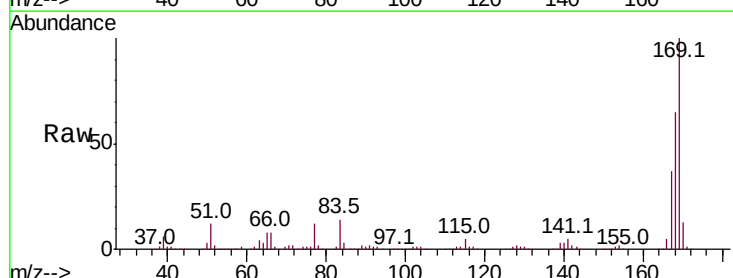
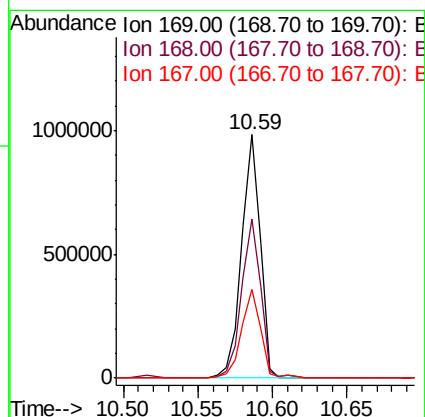
RT: 10.59 min Scan# 1445

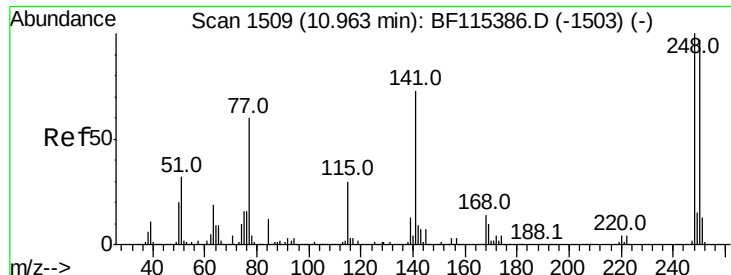
Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion:	169	Resp:	861440
Ion Ratio	Lower	Upper	
169	100		
168	65.4	52.6	79.0
167	36.6	29.2	43.8





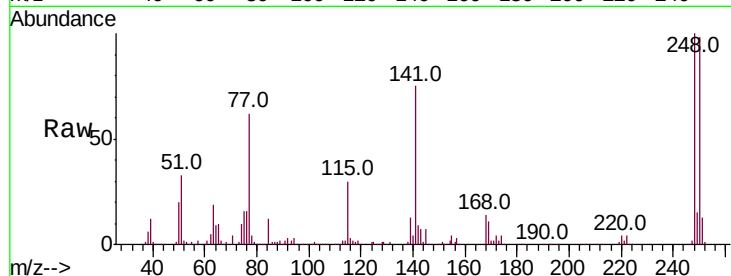
#67
4-Bromophenyl-phenylether
Concen: 39.006 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.3	115.9
141	74.8	58.5	87.7

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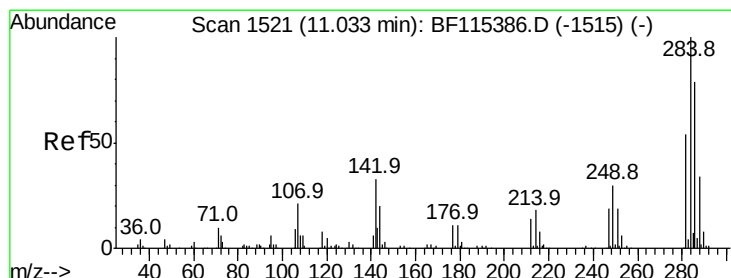
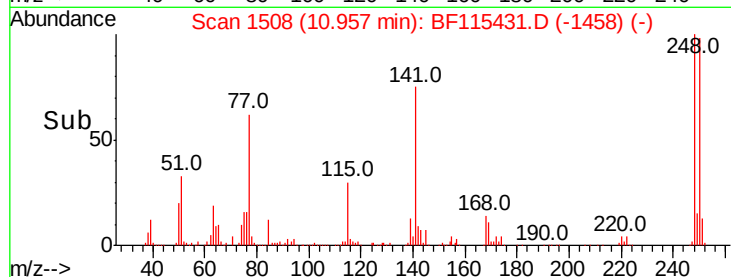
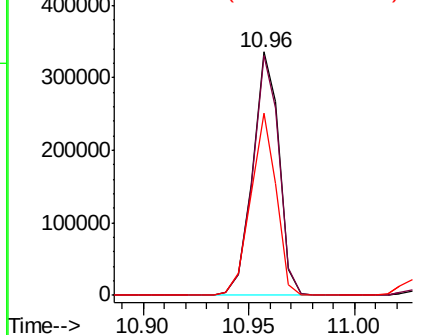


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.094 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

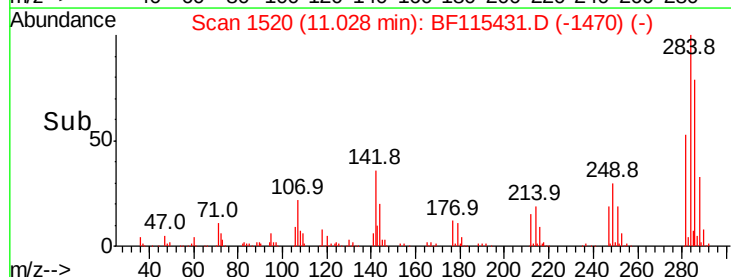
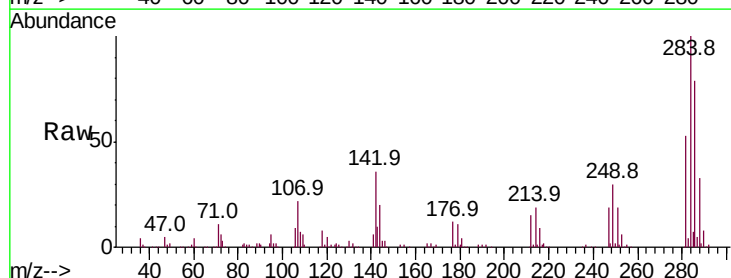
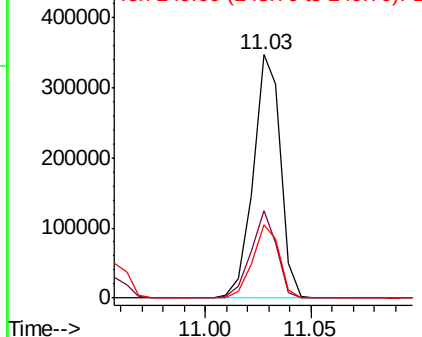
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	26.5	39.7
249	30.2	24.2	36.2

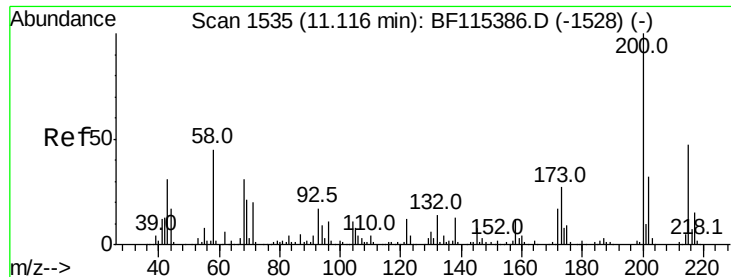
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





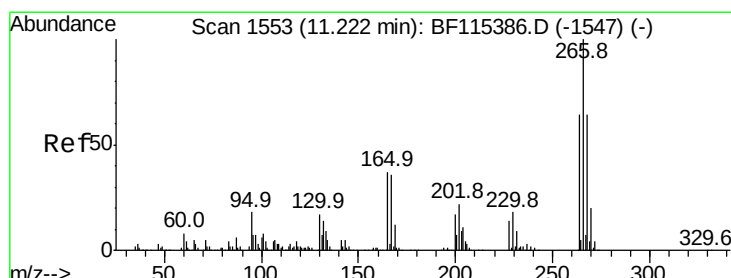
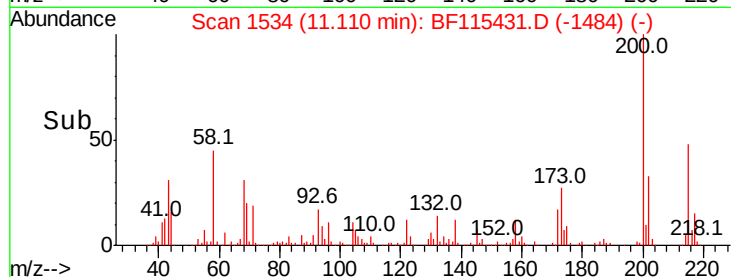
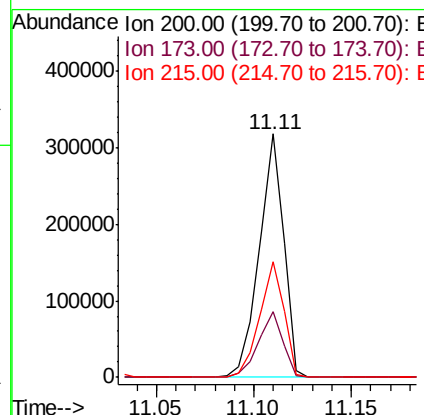
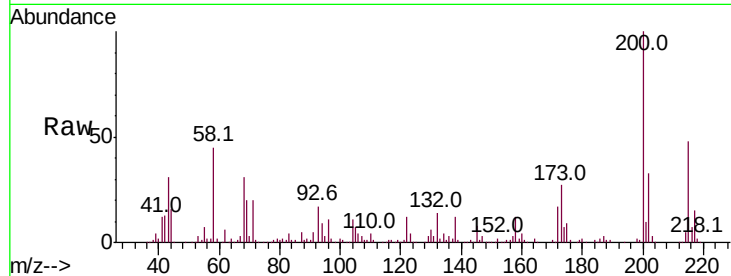
#69
Atrazine
Concen: 42.673 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.1	47.1
215	47.5	27.5	67.5

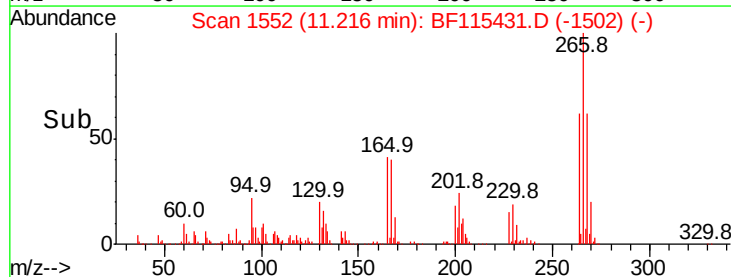
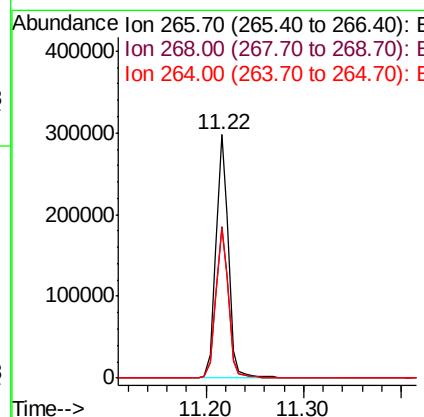
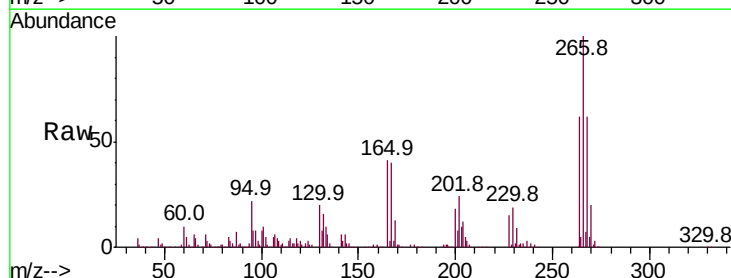
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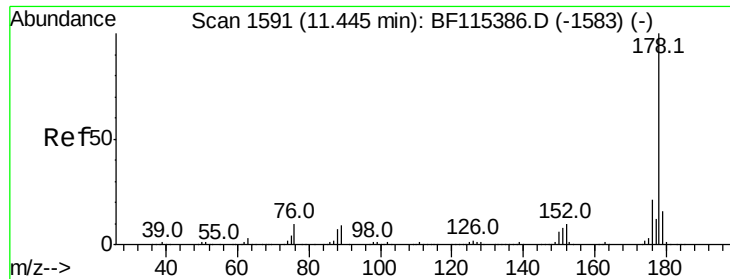
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#70
Pentachlorophenol
Concen: 51.695 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.3	76.9
264	61.6	51.6	77.4





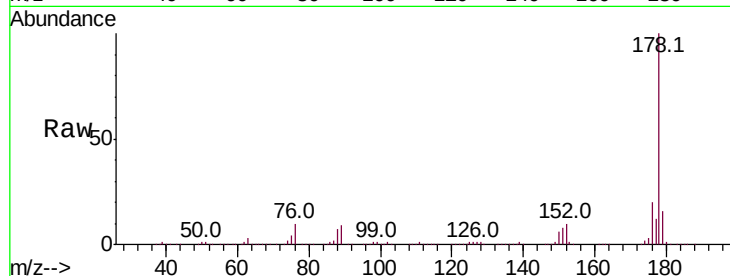
#71
Phenanthrene
Concen: 36.476 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

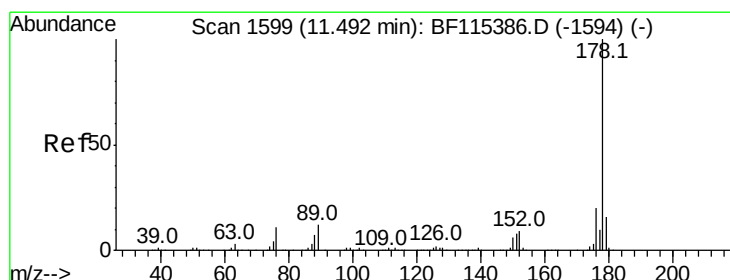
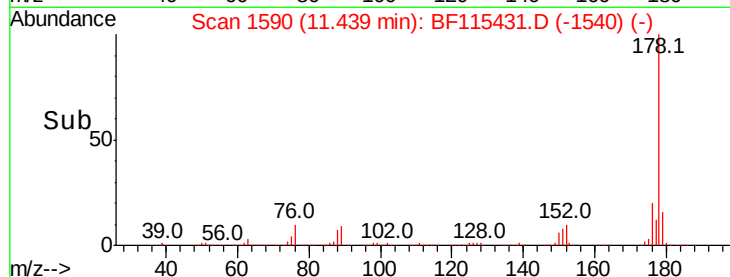
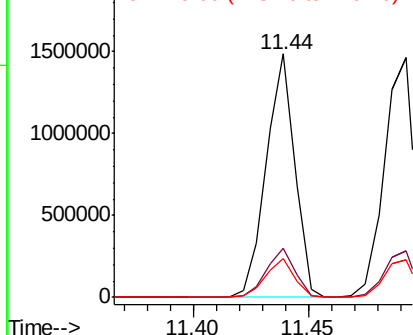
Tot Ion:178 Resp: 1279860
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 16.1 13.0 19.6

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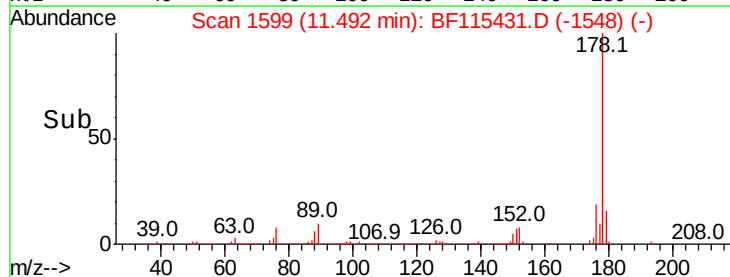
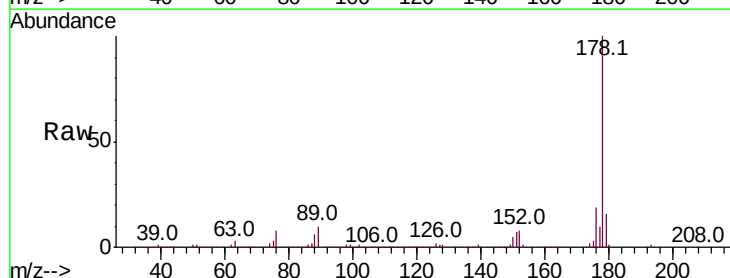
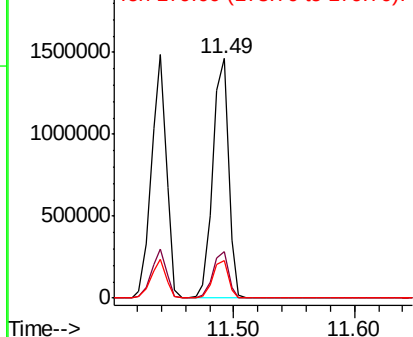
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

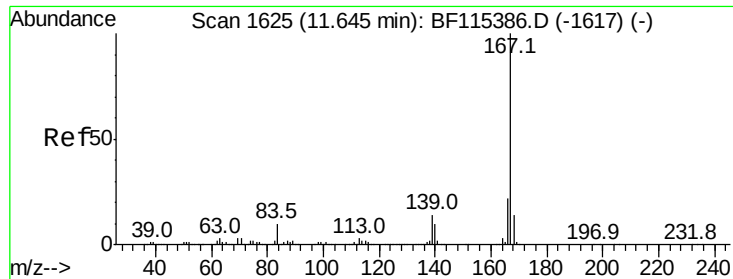


#72
Anthracene
Concen: 37.125 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion:178 Resp: 1306218
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.8 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





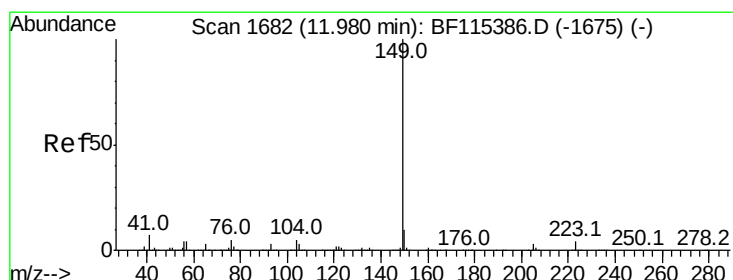
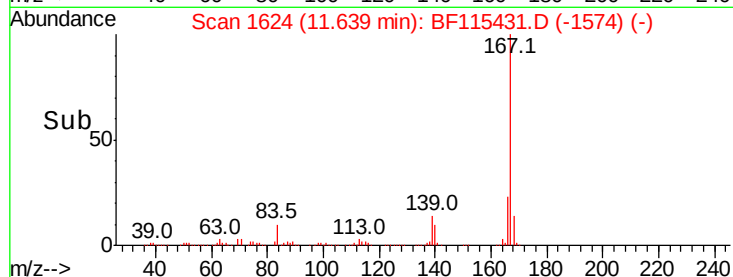
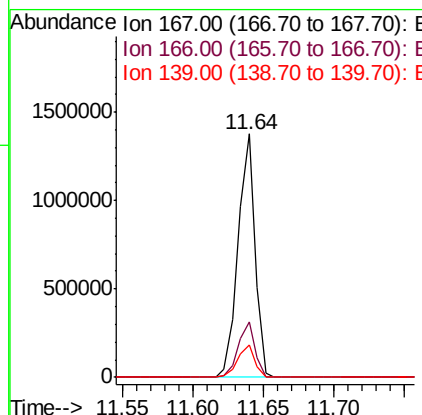
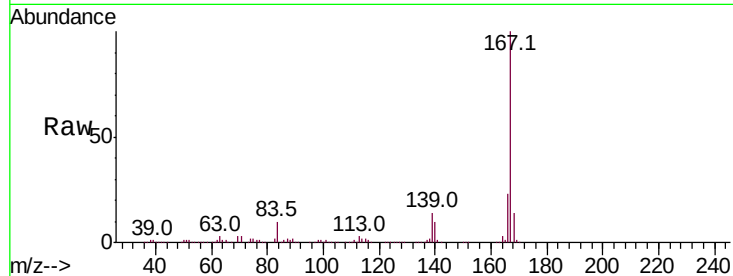
#73
 Carbazole
 Concen: 35.845 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MSD

Tot Ion:167 Resp: 1153802
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 13.6 11.0 16.6

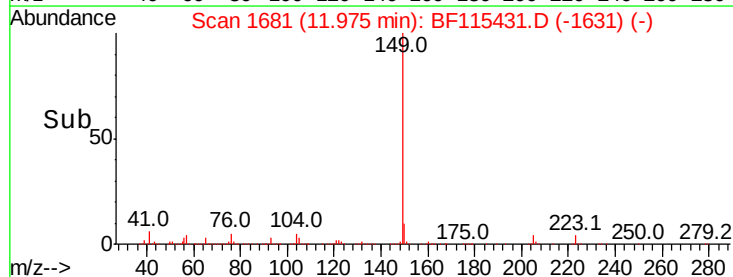
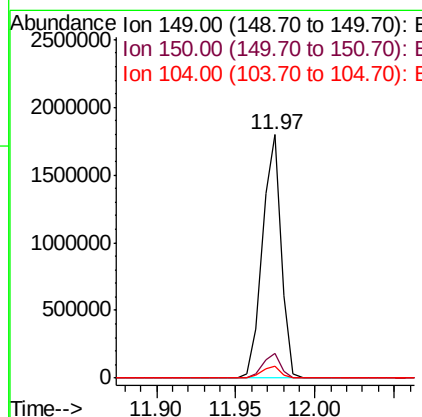
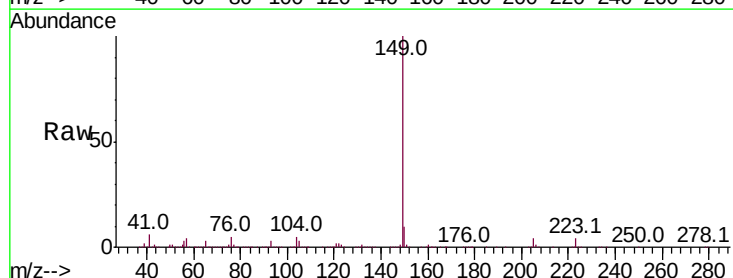
Manual Integrations
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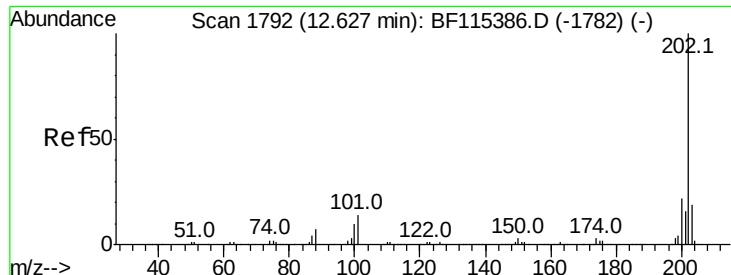
mohammad
 7/10/2019 9:04:55 AM



#74
 Di-n-butylphthalate
 Concen: 38.210 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Tgt Ion:149 Resp: 1486421
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 5.1 4.4 6.6





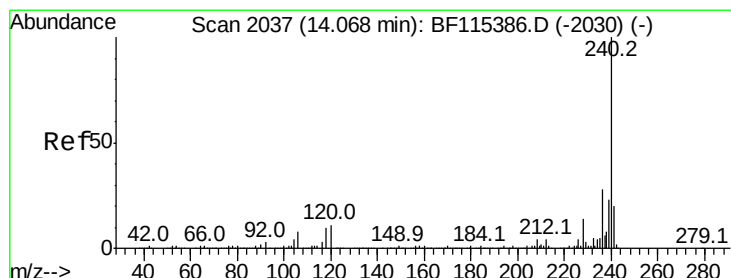
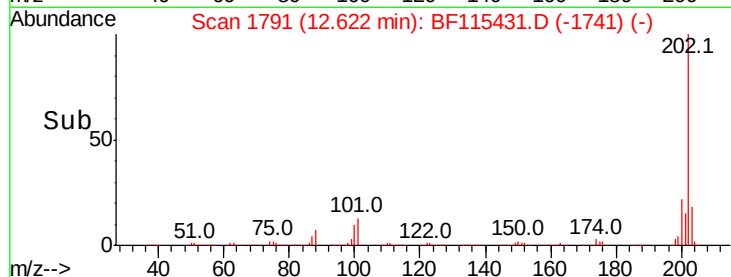
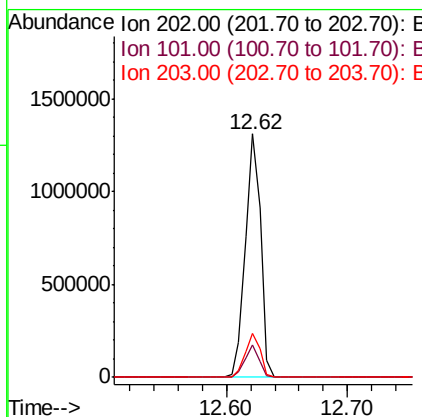
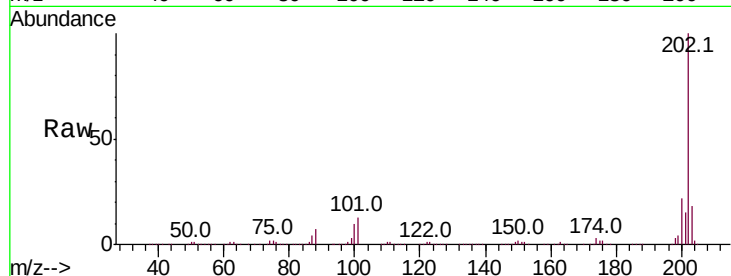
#75
Fluoranthene
Concen: 31.439 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.0
203	18.2	0.0	38.5

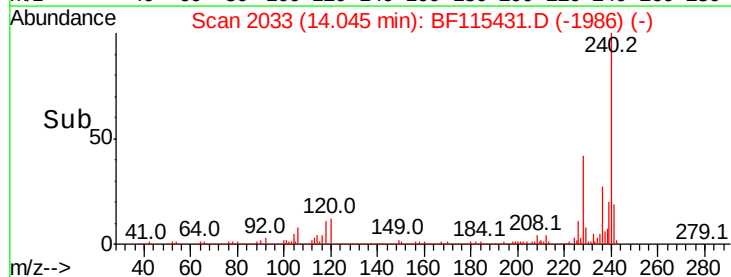
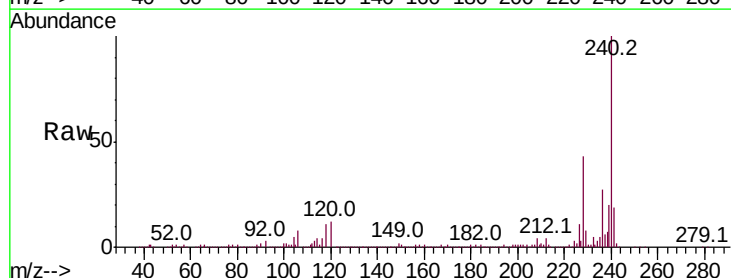
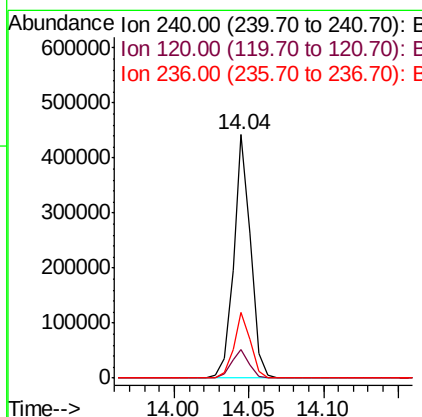
Manual Integrations
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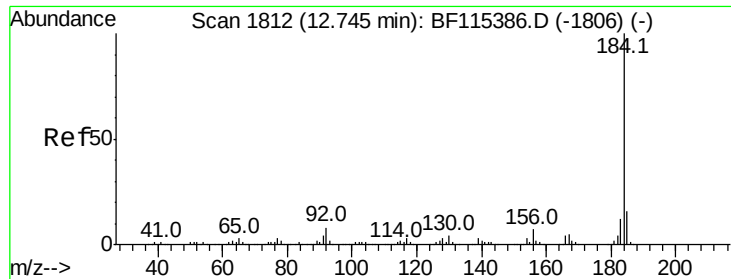
mohammad
7/10/2019 9:04:55 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.1	13.7
236	27.0	22.5	33.7





#77

Benzidine

Concen: 48.561 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:184 Resp: 666779

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

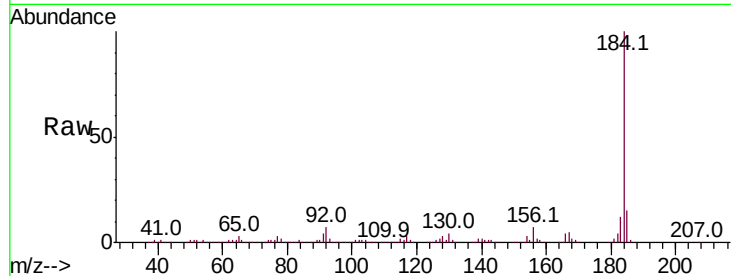
183 11.7 9.4 14.0

Manual Integrations

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mohammad

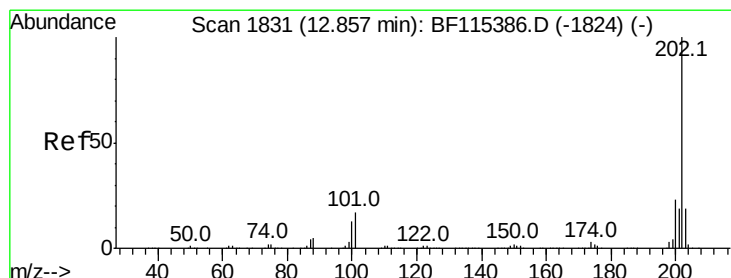
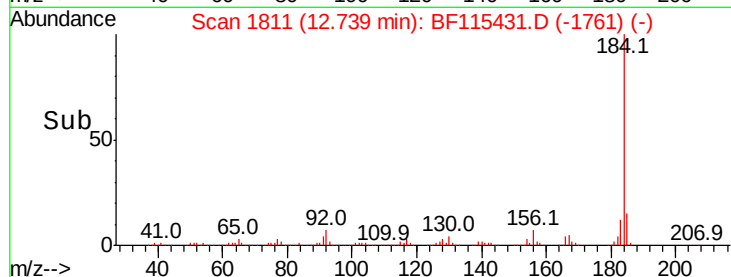
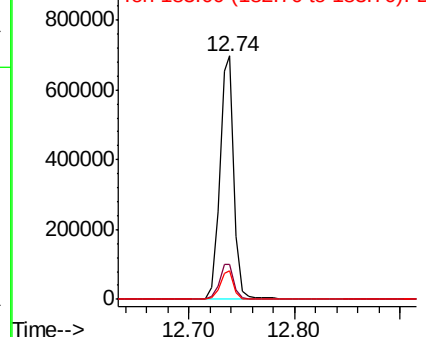
7/10/2019 9:04:55 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.757 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

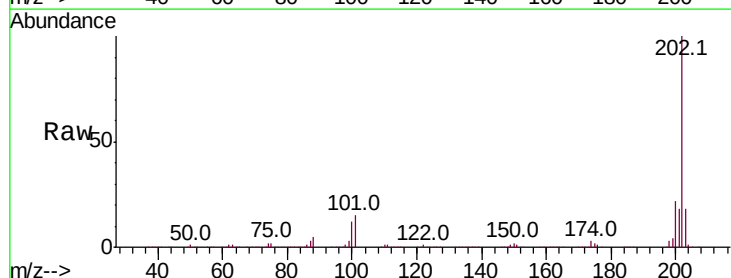
Tgt Ion:202 Resp: 1143381

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.4

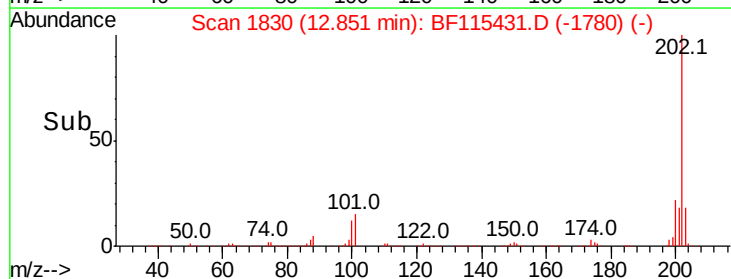
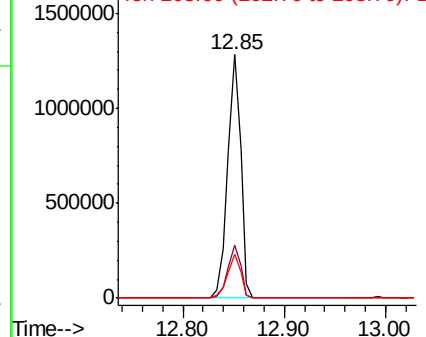
203 18.1 14.8 22.2

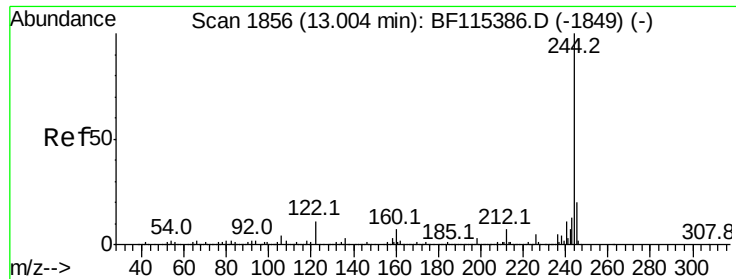


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





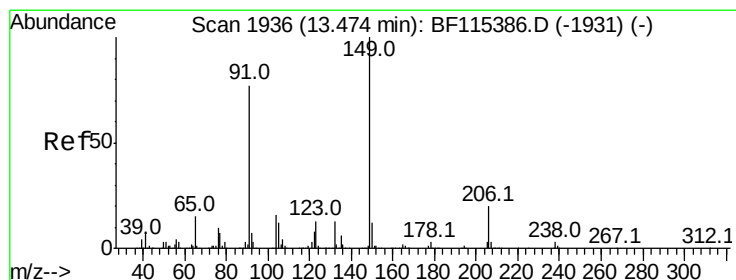
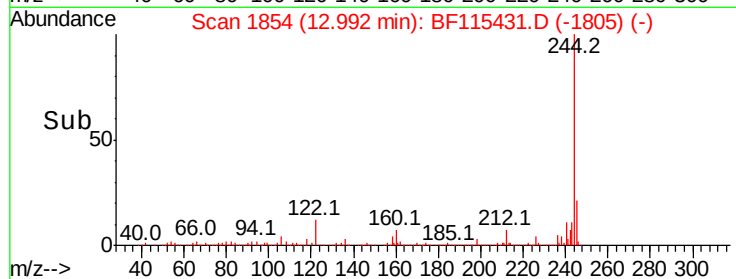
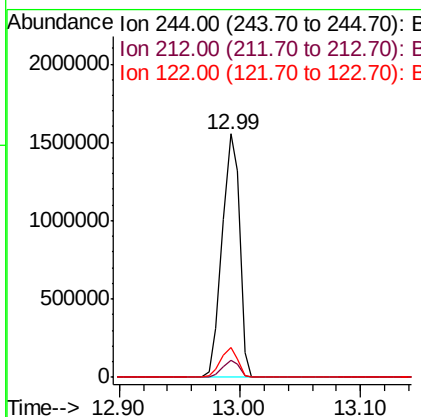
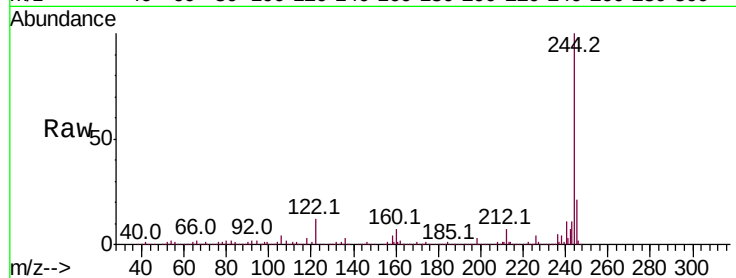
#79
 Terphenyl-d14
 Concen: 90.301 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MSD

Tot Ion:244 Resp: 1552895
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.5 9.1 13.7

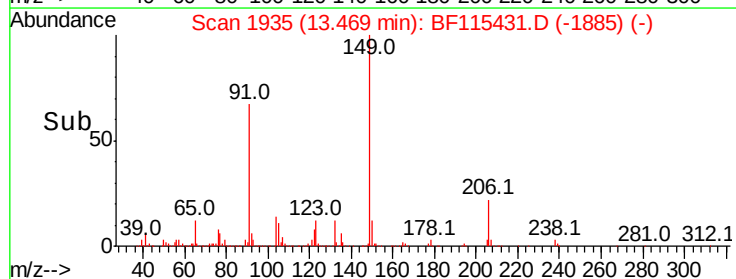
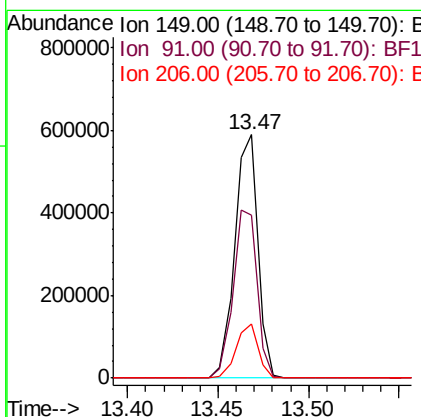
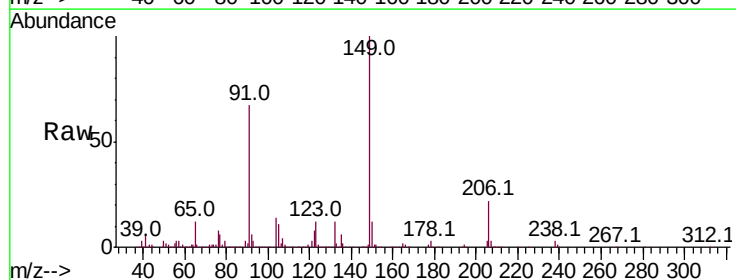
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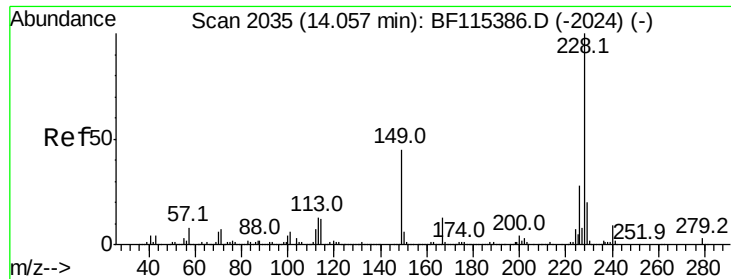
mohammad
 7/10/2019 9:04:55 AM



#80
 Butylbenzylphthalate
 Concen: 43.696 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF115431.D
 Acq: 9 Jul 2019 2:56

Tgt Ion:149 Resp: 522759
 Ion Ratio Lower Upper
 149 100
 91 67.1 61.4 92.0
 206 22.0 16.1 24.1





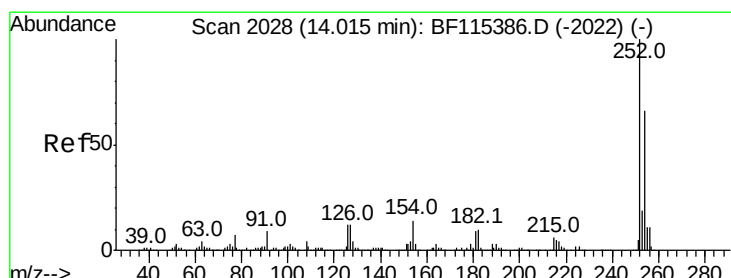
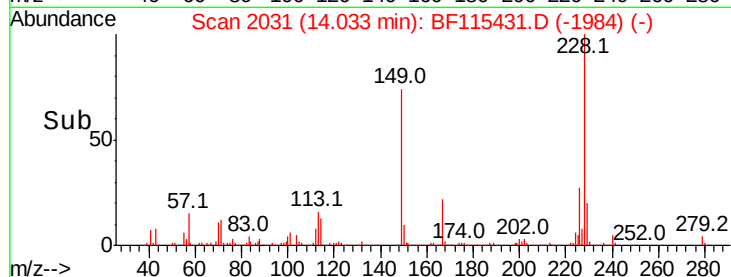
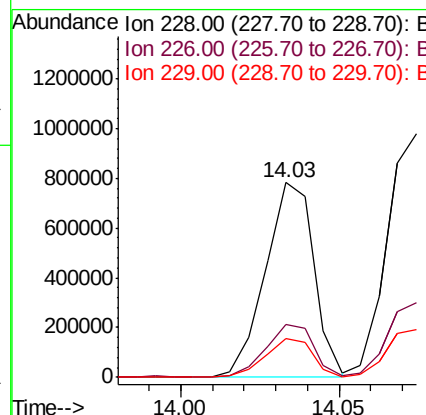
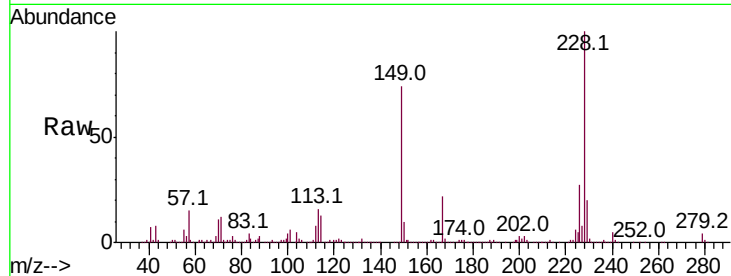
#81
Benzo(a)anthracene
Concen: 37.110 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.7	34.1
229	20.0	16.3	24.5

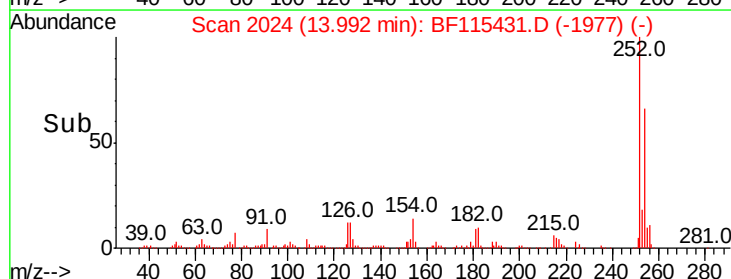
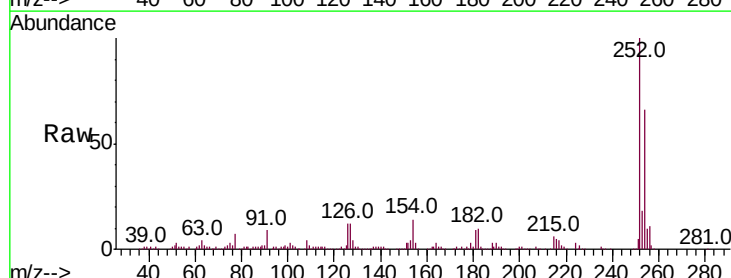
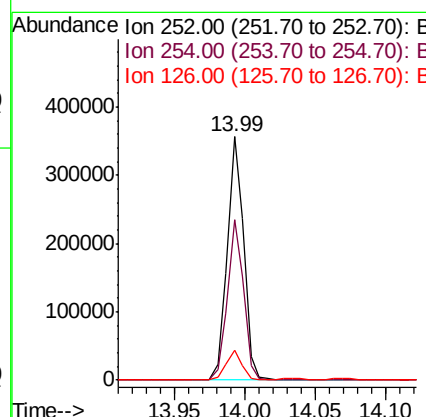
Manual Integrations
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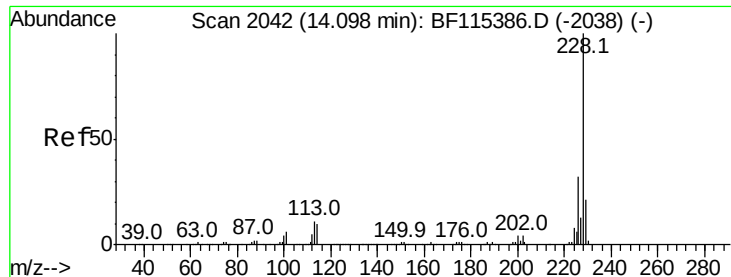
mohammad
7/10/2019 9:04:55 AM



#82
3,3'-Dichlorobenzidine
Concen: 35.448 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.0	79.4
126	12.4	9.8	14.8





#83

Chrysene

Concen: 37.378 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Instrument :

BNA_F

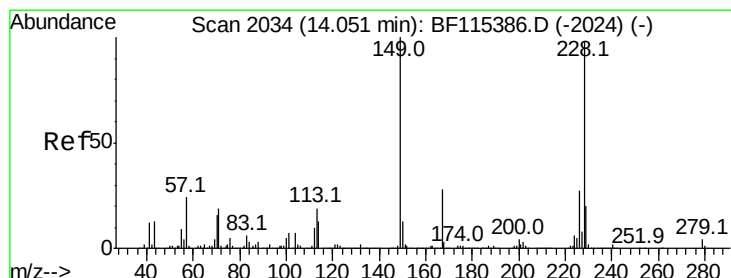
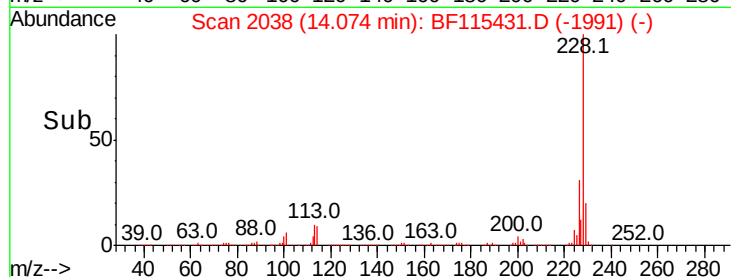
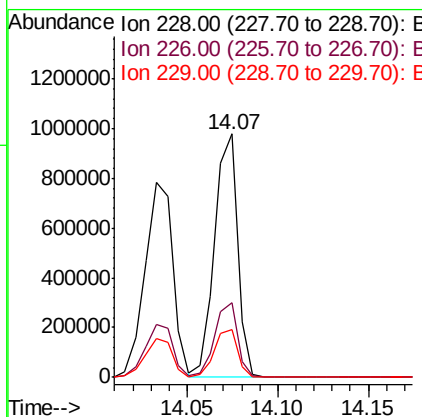
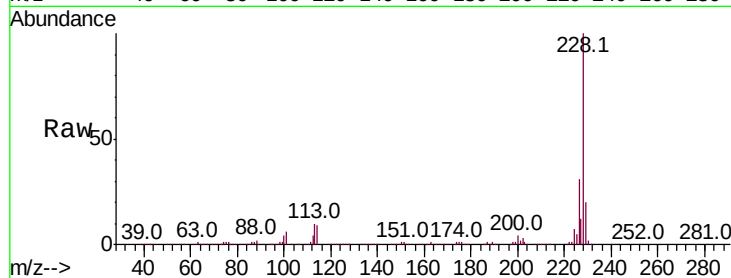
ClientSampleId :

TRANSFORMER-T2MSD

Tot Ion:	228	Resp:	866447
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.7	38.5
229	19.7	16.6	25.0

Manual Integrations
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mohammad
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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.161 ng

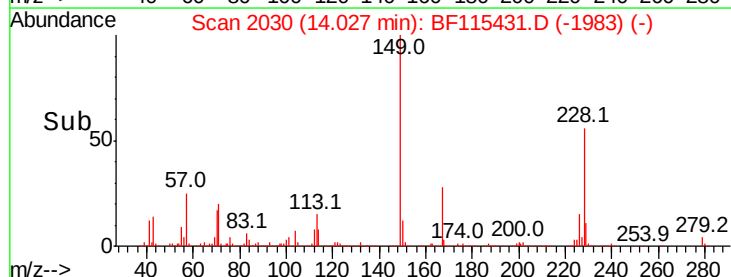
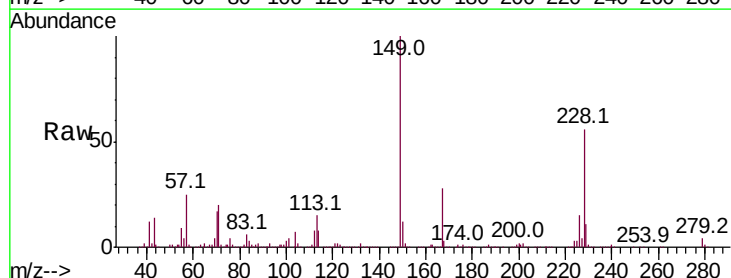
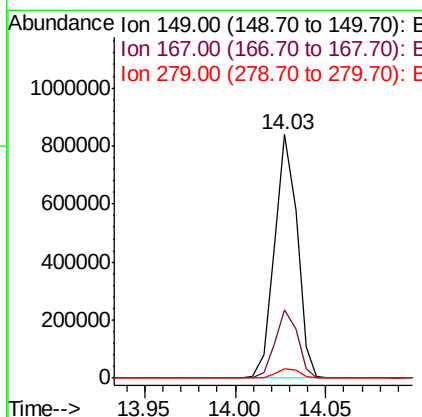
RT: 14.03 min Scan# 2030

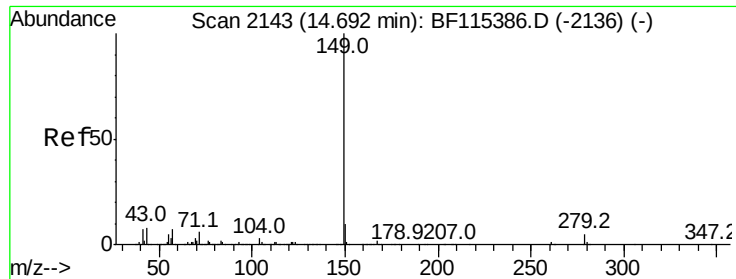
Delta R.T. -0.02 min

Lab File: BF115431.D

Acq: 9 Jul 2019 2:56

Tgt Ion:	149	Resp:	728353
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.3	33.5
279	4.0	3.4	5.2





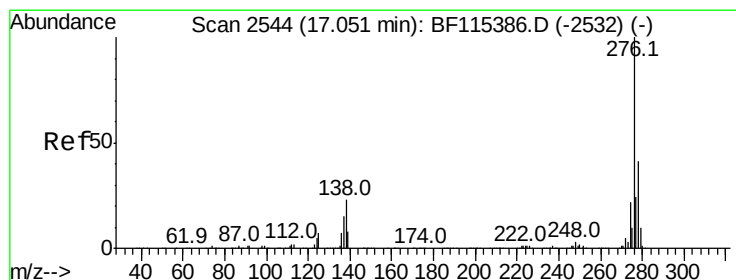
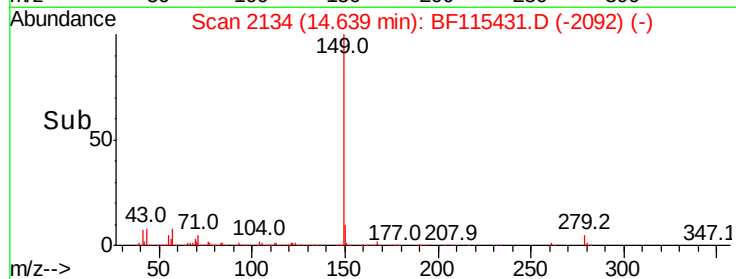
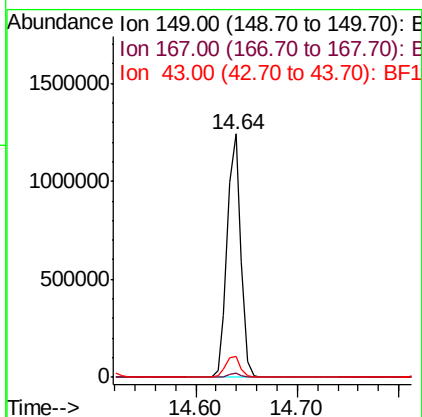
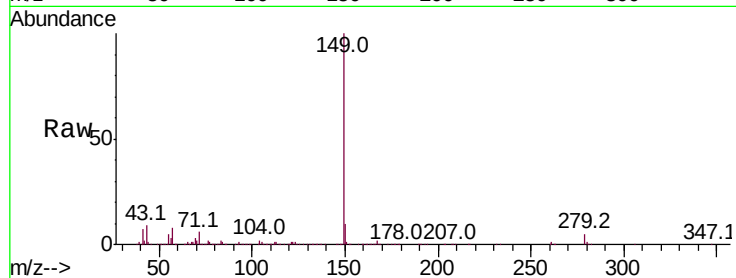
#85
Di-n-octyl phthalate
Concen: 43.918 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.05 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.6	11.4

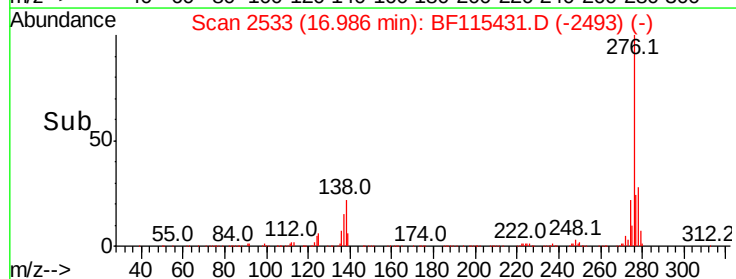
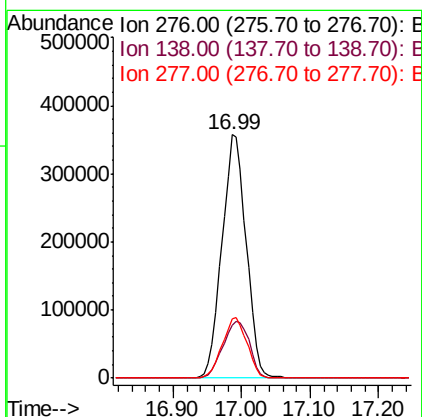
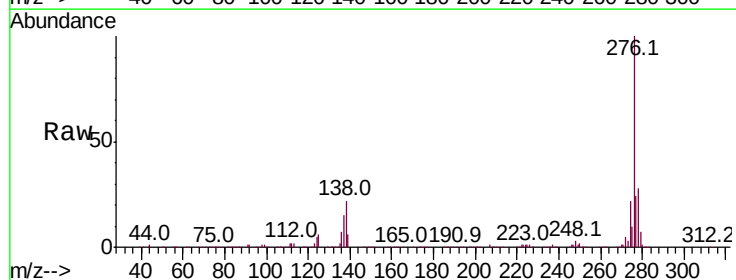
Manual Integrations
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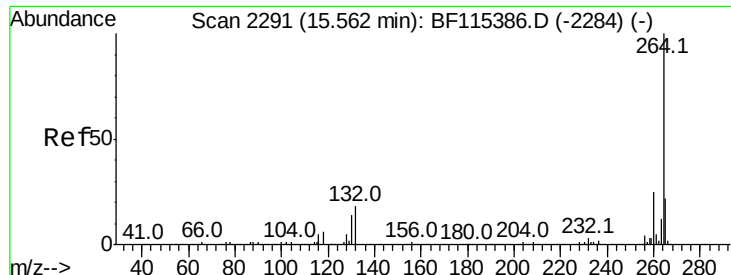
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.154 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.06 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	0.0#
277	25.4	0.0	0.0#





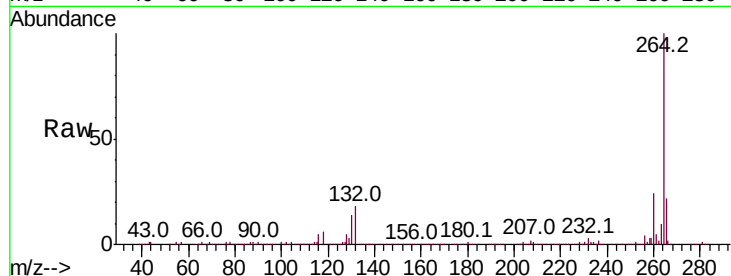
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.05 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	22.1	17.4	26.2

Manual Integrations
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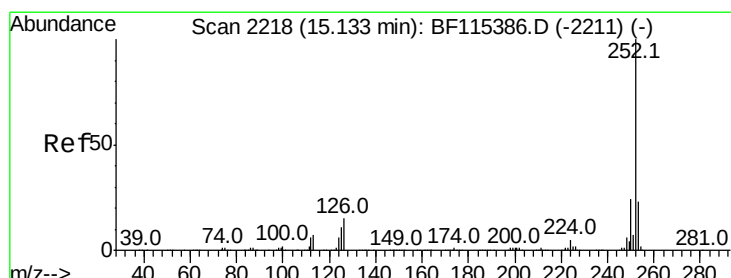
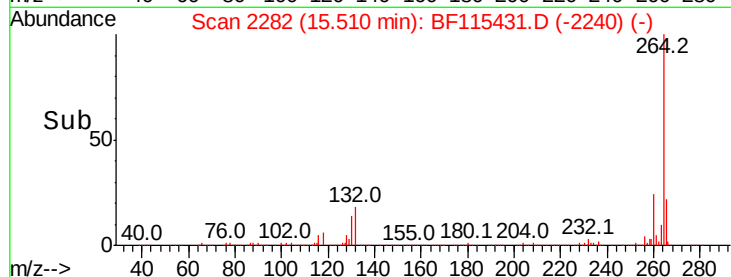
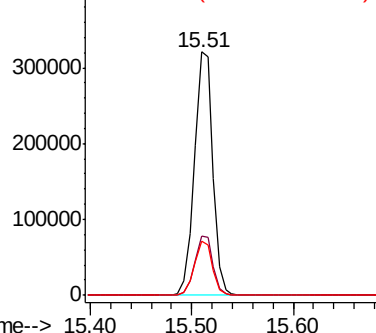


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 34.091 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.05 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

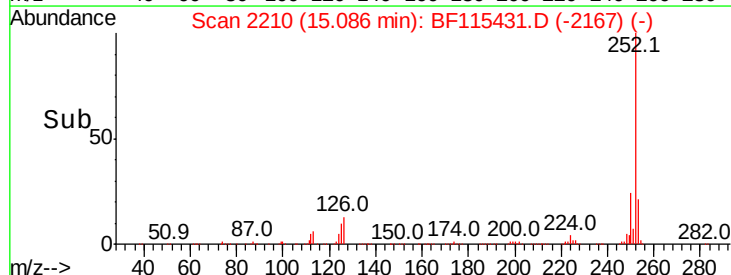
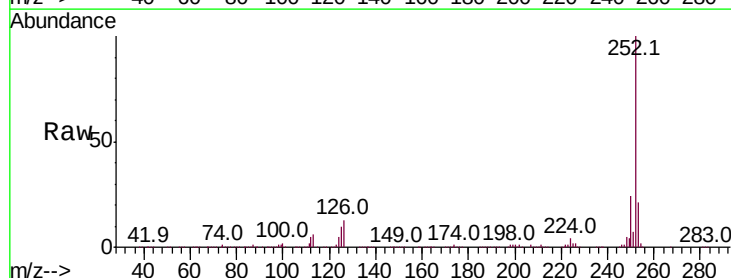
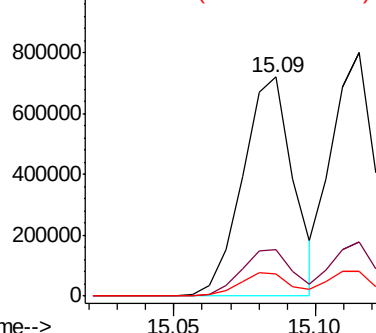
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	10.2	9.0	13.6

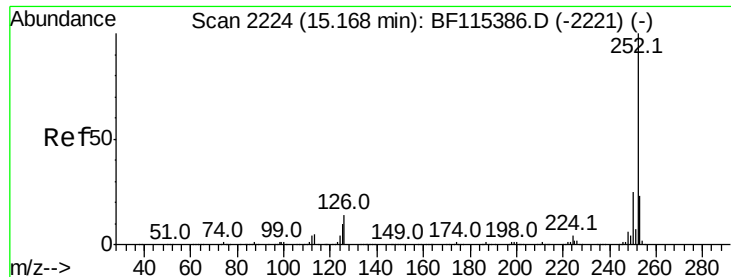
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





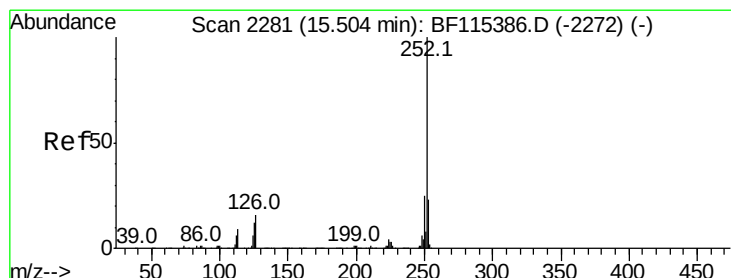
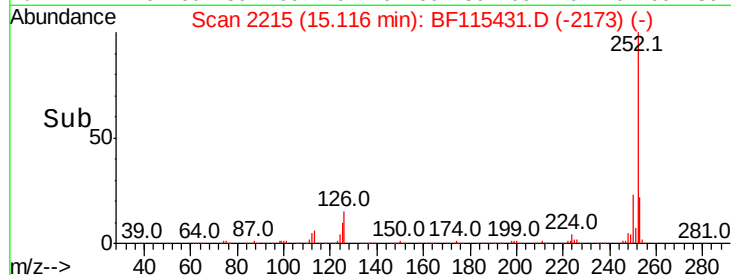
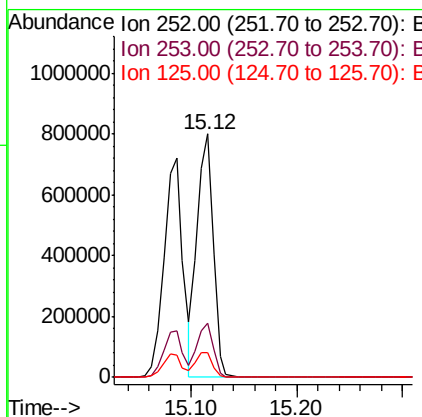
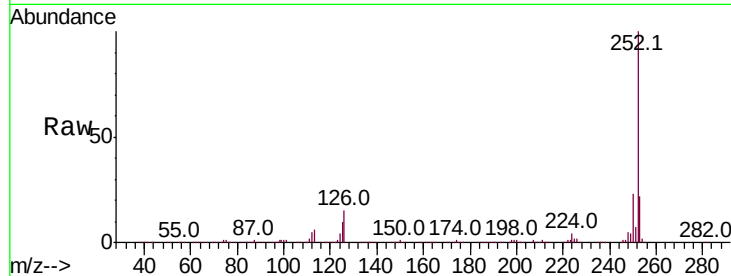
#89
Benzo(k)fluoranthene
Concen: 35.879 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.05 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	10.0	8.3	12.5

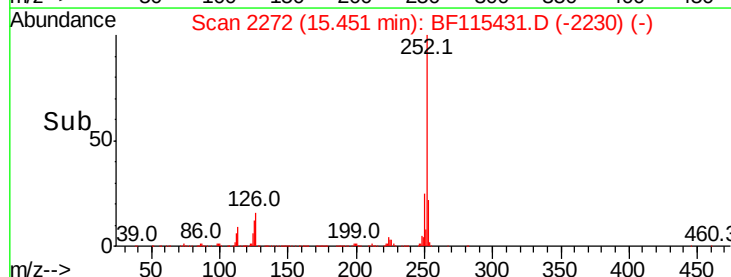
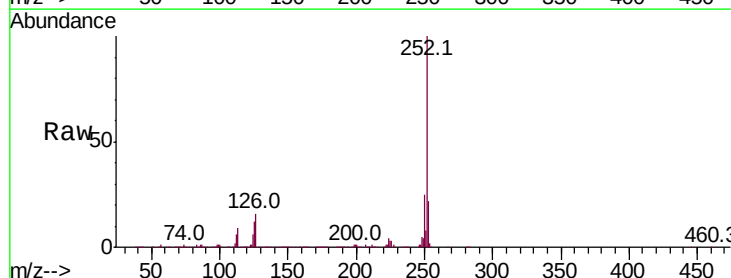
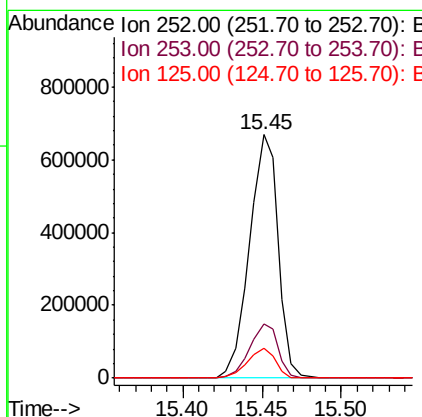
Manual Integrations
APPROVED

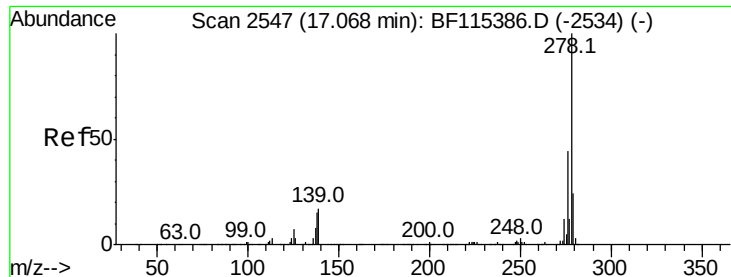
mohammad
7/10/2019 9:04:55 AM



#90
Benzo(a)pyrene
Concen: 37.073 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.05 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.1	10.0	15.0





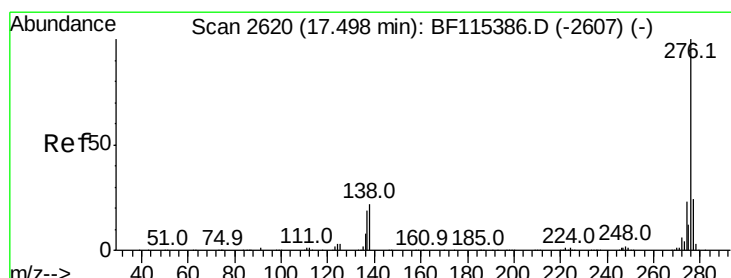
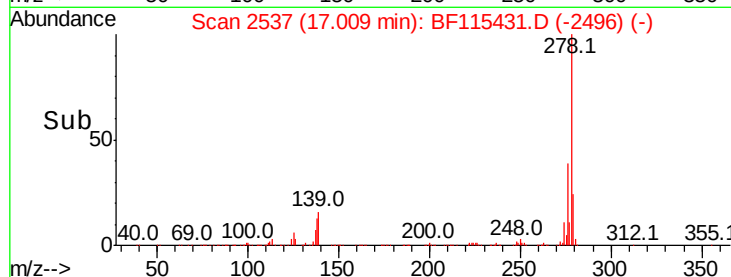
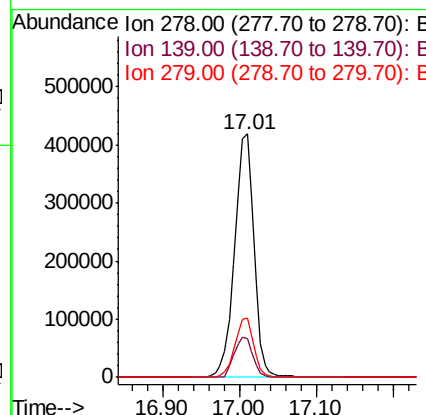
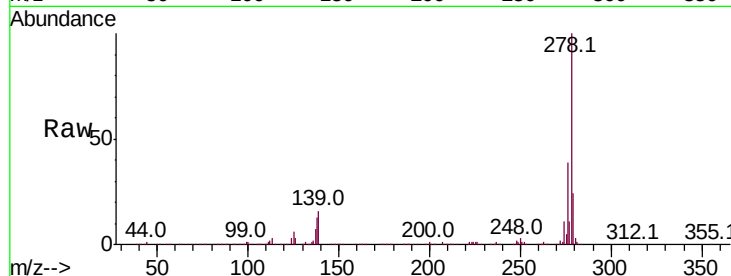
#91
Dibenzo(a,h)anthracene
Concen: 38.577 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.4	20.2
279	24.4	19.4	29.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:55 AM



#92
Benzo(g,h,i)perylene
Concen: 37.217 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.06 min
Lab File: BF115431.D
Acq: 9 Jul 2019 2:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	22.1	17.8	26.6

