

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115430.D
 Acq On : 9 Jul 2019 2:30
 Operator : HP/JU
 Sample : K3668-09MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:48 AM

Quant Time: Jul 09 07:58:15 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	179195	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	722301	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	356187	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	643765	20.00	ng	0.00
76) Chrysene-d12	14.04	240	387404	20.00	ng	-0.02
87) Perylene-d12	15.51	264	420618	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1171242	100.99	ng	0.00
7) Phenol-d6	6.53	99	1561233	105.84	ng	0.00
23) Nitrobenzene-d5	7.46	82	975011	79.75	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	416217	105.69	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1659050	81.73	ng	0.00
79) Terphenyl-d14	12.99	244	1562717	82.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	163424	28.727	ng	99
3) Pyridine	3.50	79	435144	27.662	ng	97
4) n-Nitrosodimethylamine	3.45	42	193760	30.375	ng	92
6) Aniline	6.56	93	415214	19.948	ng	99
8) 2-Chlorophenol	6.68	128	462536	35.318	ng	99
9) Benzaldehyde	6.44	77	258140	28.492	ng	98
10) Phenol	6.54	94	592887	33.594	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	447298	34.164	ng	96
12) 1,3-Dichlorobenzene	6.84	146	474150	33.047	ng	98
13) 1,4-Dichlorobenzene	6.92	146	480418	33.428	ng	99
14) 1,2-Dichlorobenzene	7.07	146	449000	33.744	ng	98
15) Benzyl Alcohol	7.03	79	413741	34.955	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	604125	33.000	ng	99
17) 2-Methylphenol	7.15	107	392479	34.982	ng	98
18) Hexachloroethane	7.41	117	170512	31.848	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	331642	33.233	ng	98
20) 3+4-Methylphenols	7.29	107	479835	36.206	ng	97
22) Acetophenone	7.30	105	635055	36.692	ng	# 95
24) Nitrobenzene	7.47	77	504463	36.538	ng	96
25) Isophorone	7.72	82	931733	35.162	ng	99
26) 2-Nitrophenol	7.79	139	238167	41.959	ng	94
27) 2,4-Dimethylphenol	7.83	122	409925	37.873	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	576993	35.312	ng	99
29) 2,4-Dichlorophenol	8.03	162	402704	37.355	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	425373	35.444	ng	100
31) Naphthalene	8.20	128	1315944	36.680	ng	100
32) Benzoic acid	7.86	122	12709m	7.451	ng	
33) 4-Chloroaniline	8.24	127	268320	16.762	ng	99
34) Hexachlorobutadiene	8.32	225	235441	34.593	ng	99
35) Caprolactam	8.60	113	124741m	35.528	ng	
36) 4-Chloro-3-methylphenol	8.72	107	422853	37.083	ng	100
37) 2-Methylnaphthalene	8.89	142	890416	37.131	ng	99
38) 1-Methylnaphthalene	8.99	142	830717	36.307	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396670	38.711	ng	99

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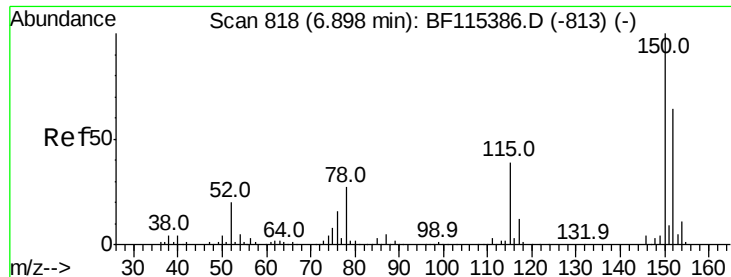
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261845	44.088	nq	97
43) 2,4,6-Trichlorophenol	9.16	196	282888	37.920	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	298363	38.570	nq	100
46) 1,1'-Biphenyl	9.35	154	1075553	38.410	nq	99
47) 2-Chloronaphthalene	9.38	162	844342	36.484	nq	97
48) 2-Nitroaniline	9.46	65	271383	39.913	nq	98
49) Acenaphthylene	9.79	152	1288055	36.760	nq	99
50) Dimethylphthalate	9.65	163	1240962	46.418	nq	100
51) 2,6-Dinitrotoluene	9.71	165	228153	39.350	nq	87
52) Acenaphthene	9.96	154	774114	35.104	nq	99
53) 3-Nitroaniline	9.87	138	181188	26.906	nq	95
54) 2,4-Dinitrophenol	9.97	184	20883	17.004	nq	# 1
55) Dibenzofuran	10.14	168	1140319	36.709	nq	97
56) 4-Nitrophenol	10.03	139	374562	71.891	nq	94
57) 2,4-Dinitrotoluene	10.11	165	296772	40.275	nq	97
58) Fluorene	10.48	166	841028	34.345	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	227384	34.027	nq	100
60) Diethylphthalate	10.35	149	982106	37.322	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	438942	36.726	nq	99
62) 4-Nitroaniline	10.49	138	216428	32.742	nq	99
63) Azobenzene	10.63	77	954875	35.202	nq	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	43675	19.679	nq	96
66) n-Nitrosodiphenylamine	10.59	169	810305	39.948	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	278019	38.488	nq	99
68) Hexachlorobenzene	11.03	284	295395	36.443	nq	96
69) Atrazine	11.11	200	266458	42.447	nq	99
70) Pentachlorophenol	11.22	266	259016	52.434	nq	99
71) Phenanthrene	11.44	178	1253937	37.036	nq	99
72) Anthracene	11.49	178	1280596	37.719	nq	99
73) Carbazole	11.64	167	1147327	36.939	nq	100
74) Di-n-butylphthalate	11.97	149	1447637	38.565	nq	99
75) Fluoranthene	12.62	202	1191900	33.435	nq	99
77) Benzidine	12.74	184	690211	45.687	nq	99
78) Pyrene	12.85	202	1163151	38.609	nq	98
80) Butylbenzylphthalate	13.47	149	540939	41.096	nq	91
81) Benzo(a)anthracene	14.03	228	887191	35.742	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	288175	31.995	nq	97
83) Chrysene	14.07	228	914849	35.870	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	743263	45.596	nq	100
85) Di-n-octyl phthalate	14.64	149	1201987	41.420	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	930458	44.475	nq	# 100
88) Benzo(b)fluoranthene	15.09	252	922298	33.678	nq	98
89) Benzo(k)fluoranthene	15.12	252	873754	35.875	nq	99
90) Benzo(a)pyrene	15.45	252	878325	37.185	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	791622	39.219	nq	99
92) Benzo(g,h,i)perylene	17.44	276	738089	38.634	nq	98

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



#1

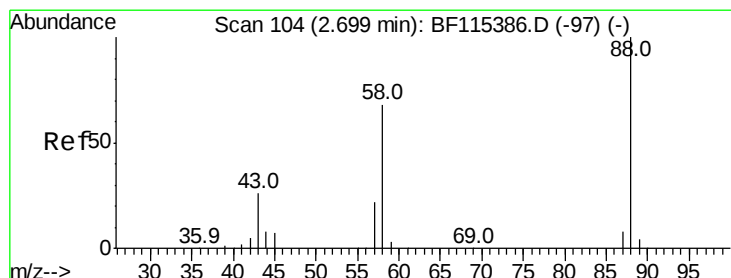
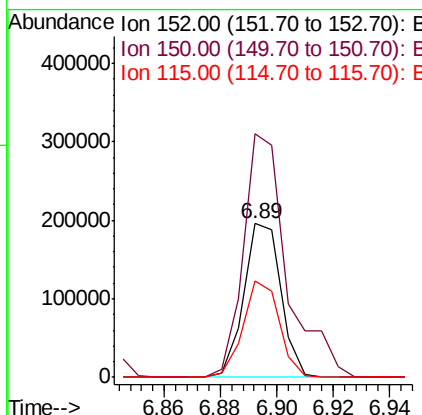
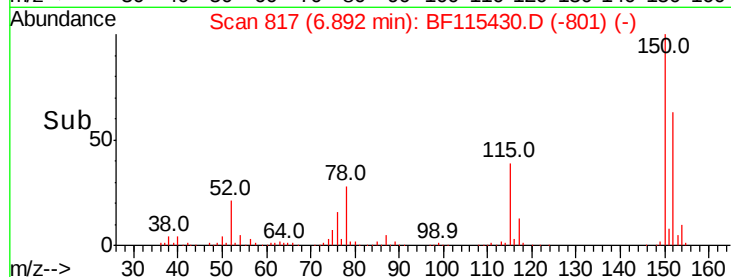
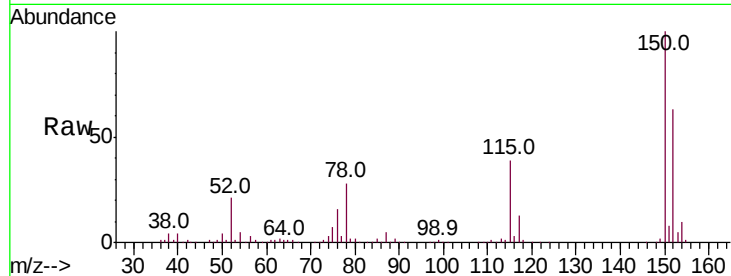
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	62.5	48.1	72.1

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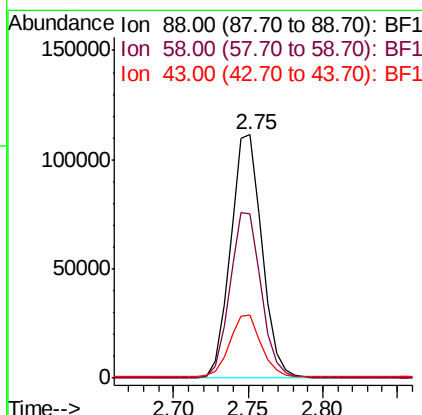
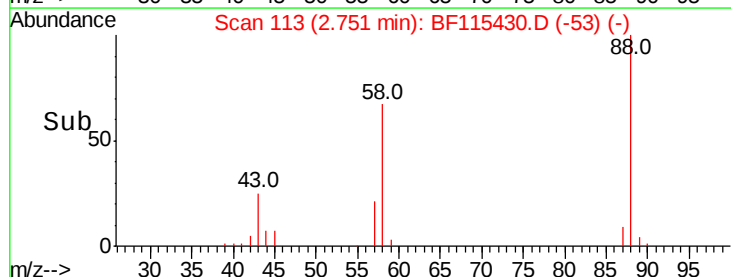
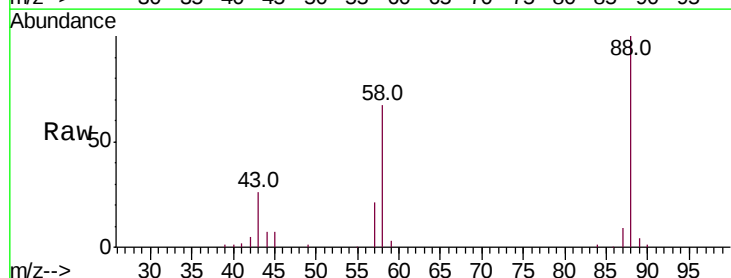
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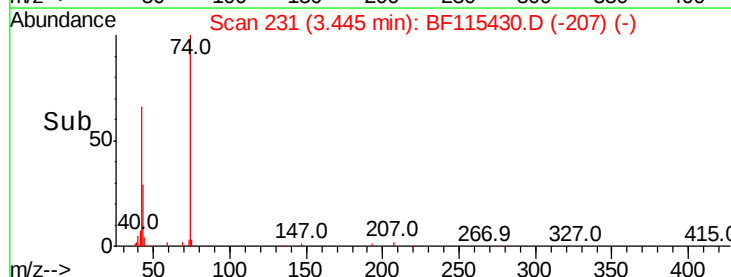
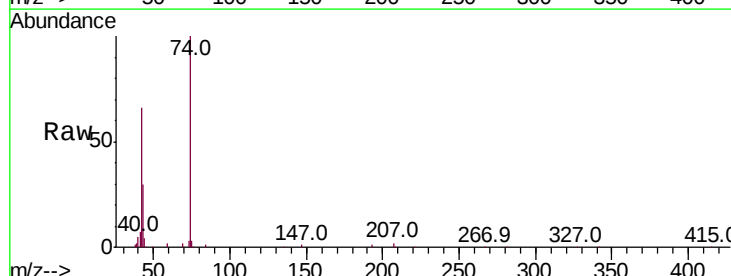
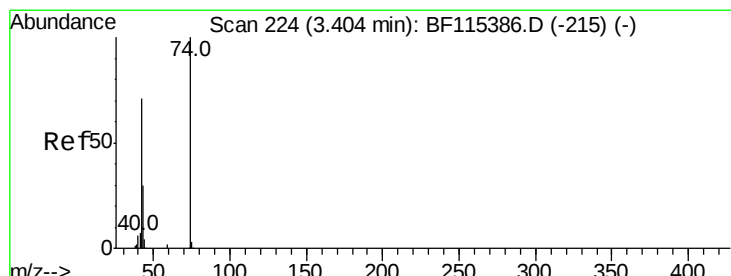
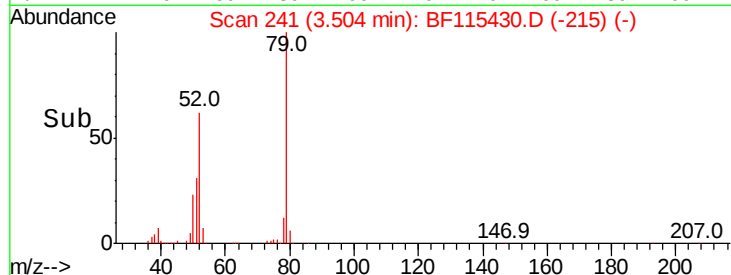
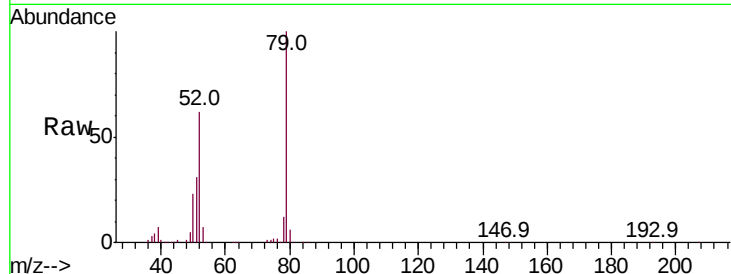
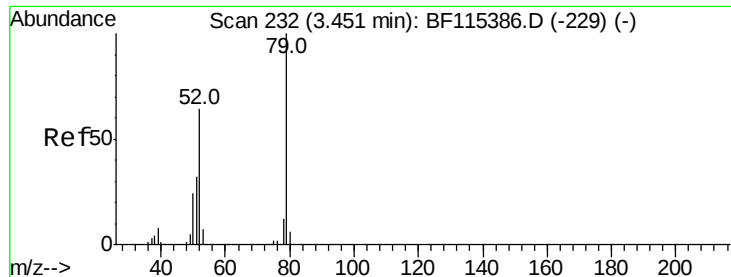


#2

1,4-Dioxane
Concen: 28.727 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.05 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.6	82.0
43	25.9	21.4	32.0





#3

Pvridine

Concen: 27.662 ng

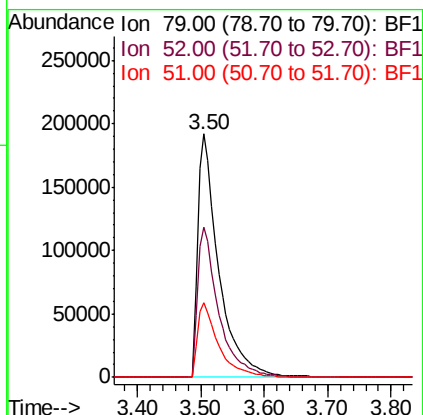
RT: 3.50 min Scan# 241

Delta R.T. 0.05 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.8	50.9	76.3
51	30.5	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.375 ng

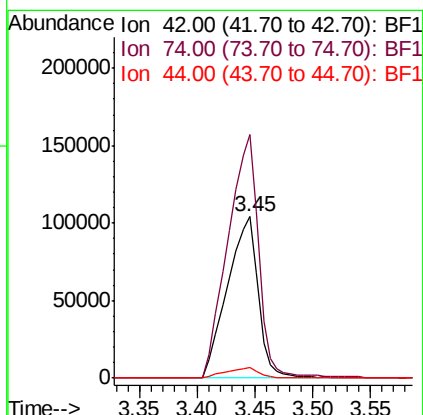
RT: 3.45 min Scan# 231

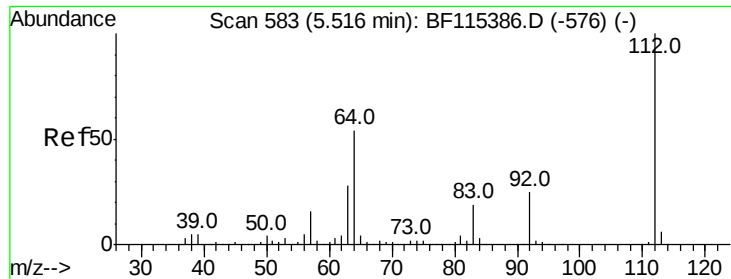
Delta R.T. 0.04 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.0	112.8	169.2
44	6.4	5.4	8.0





#5
 2-Fluorophenol
 Concen: 100.985 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

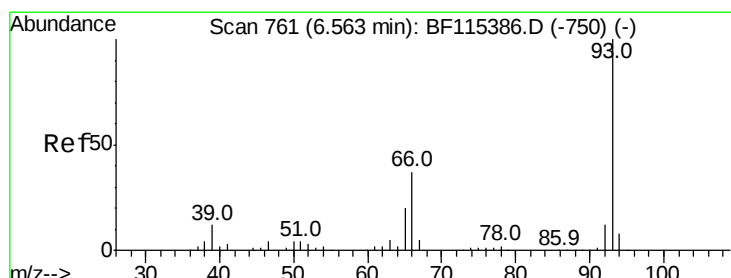
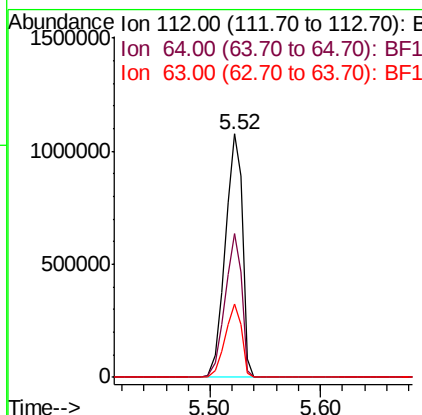
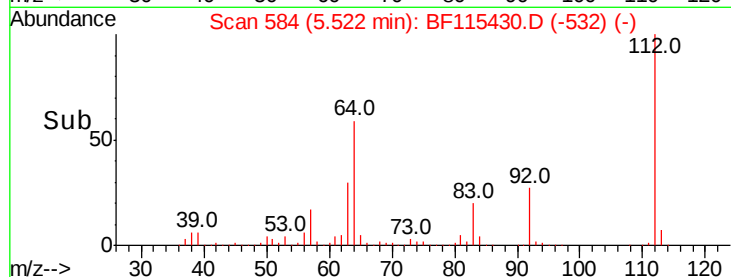
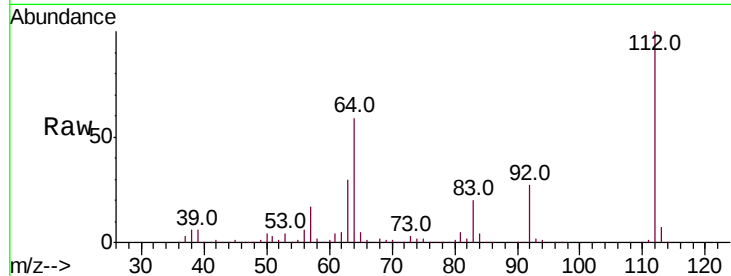
Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion: 112 Resp: 1171242

Ion	Ratio	Lower	Upper
112	100		
64	58.8	43.0	64.6
63	30.2	22.2	33.2

Manual Integrations
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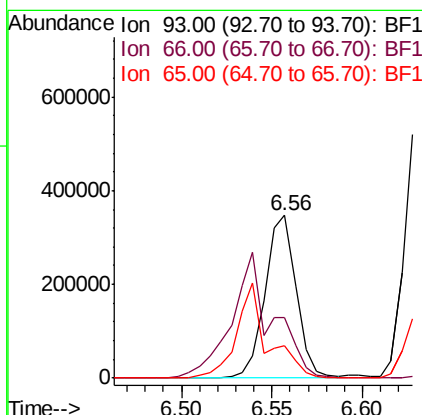
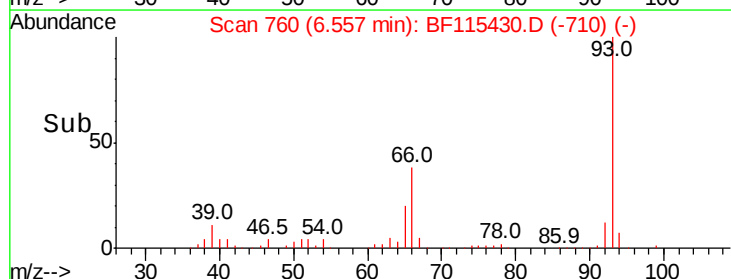
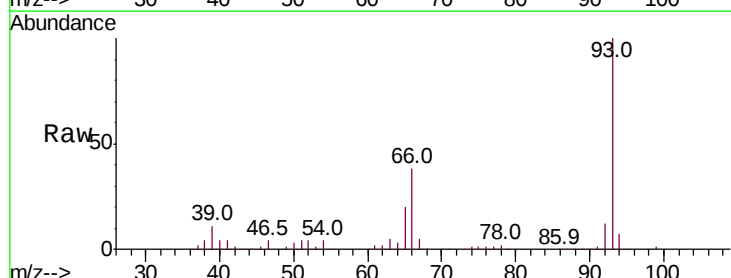
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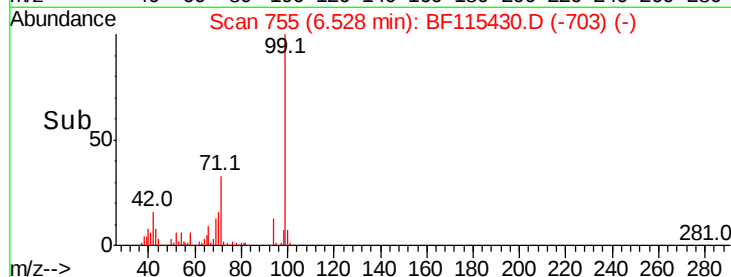
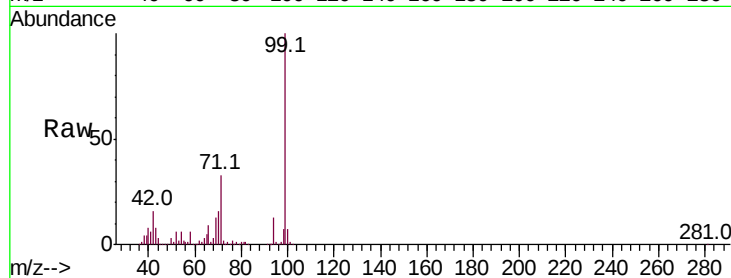
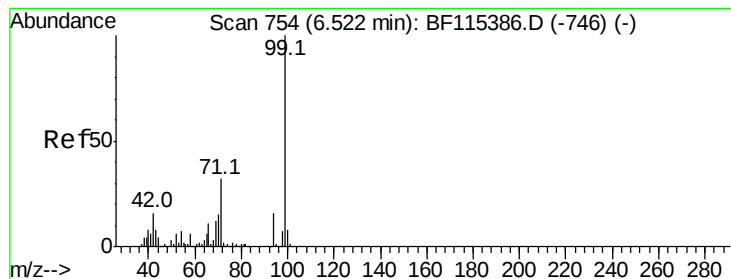


#6
 Aniline
 Concen: 19.948 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion: 93 Resp: 415214

Ion	Ratio	Lower	Upper
93	100		
66	37.6	30.8	46.2
65	19.7	16.0	24.0





#7

Phenol-d6

Concen: 105.843 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tot Ion: 99 Resp: 1561233

Ion Ratio Lower Upper

99 100

42 15.9 13.1 19.7

71 33.2 25.9 38.9

Instrument :

BNA_F

ClientSampleId :

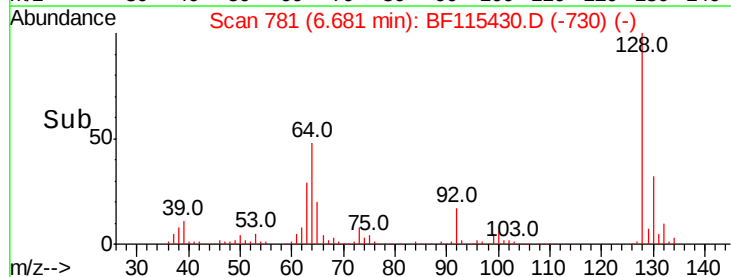
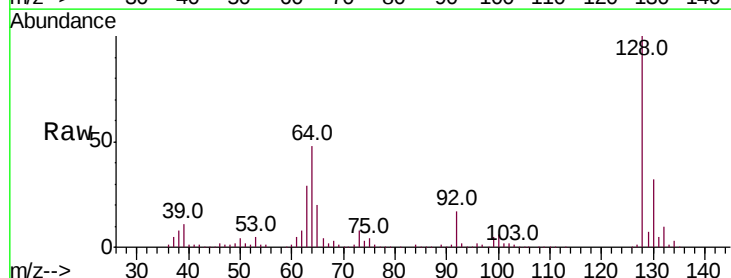
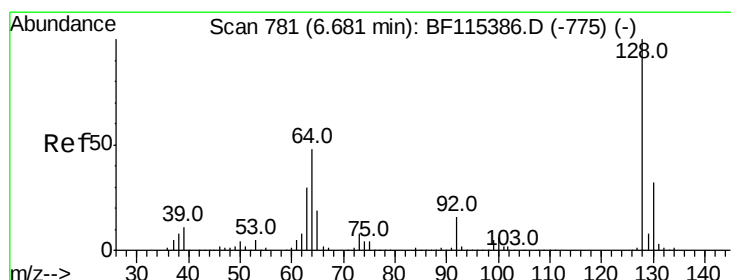
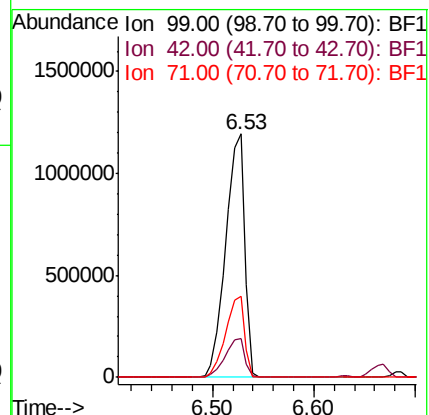
TRANSFORMER-T2MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 35.318 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

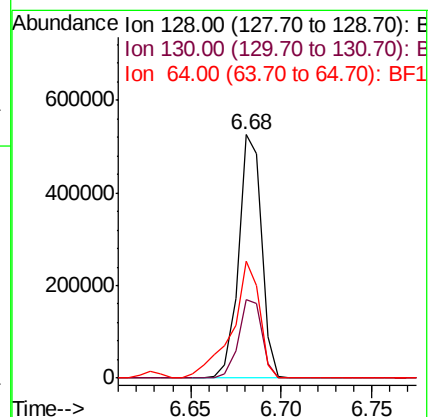
Tgt Ion: 128 Resp: 462536

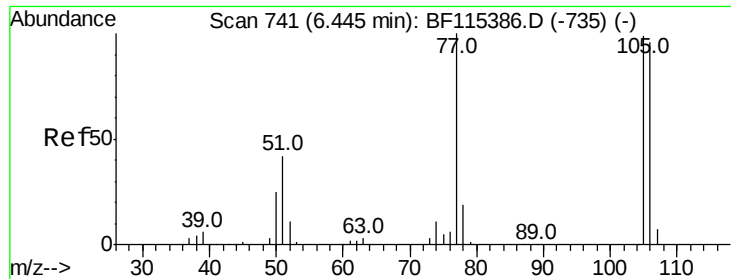
Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

64 48.0 28.8 68.8





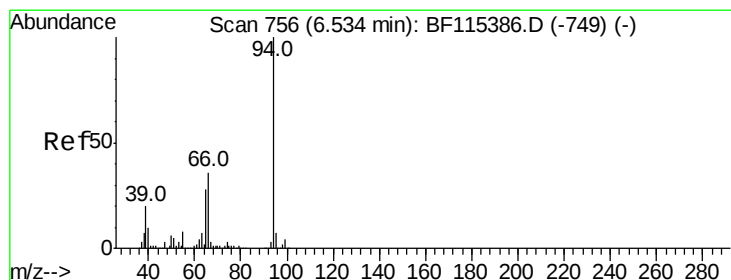
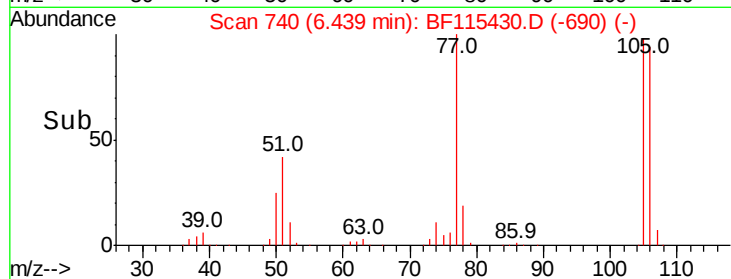
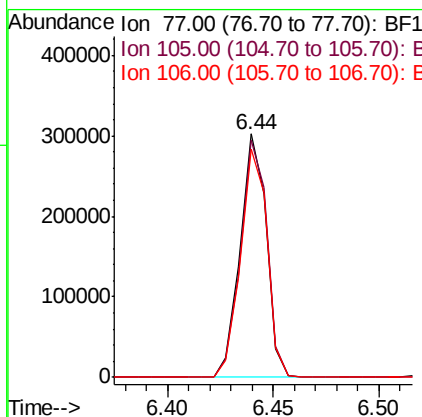
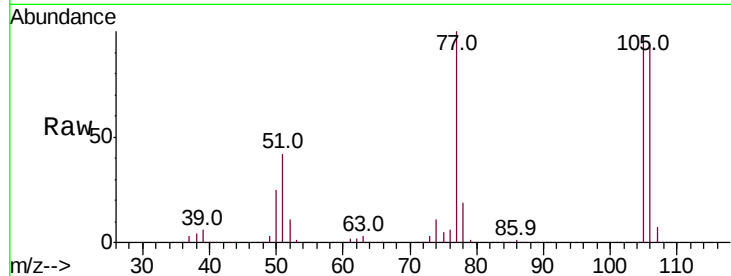
#9
Benzaldehyde
Concen: 28.492 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	79.0	119.0
106	93.7	75.7	115.7

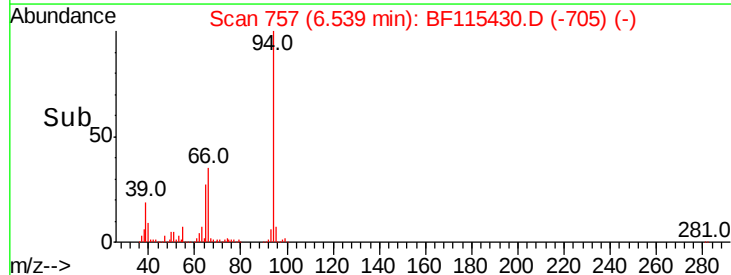
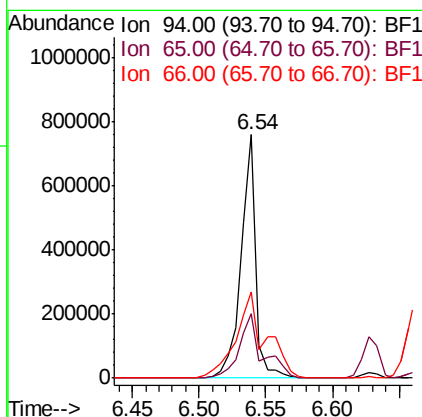
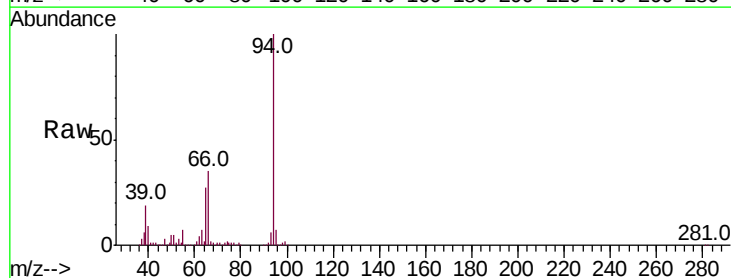
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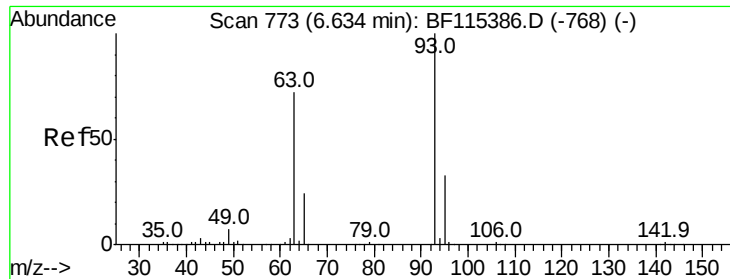
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7/10/2019 9:04:48 AM



#10
Phenol
Concen: 33.594 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.7	8.0	48.0
66	35.3	16.2	56.2





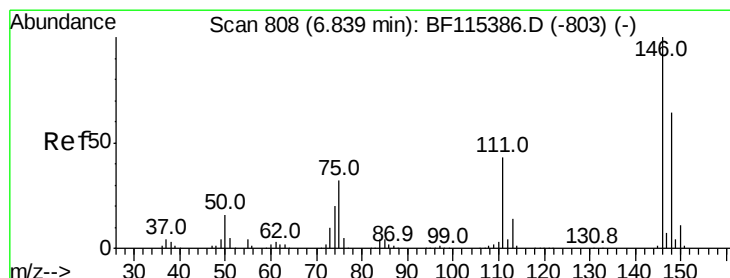
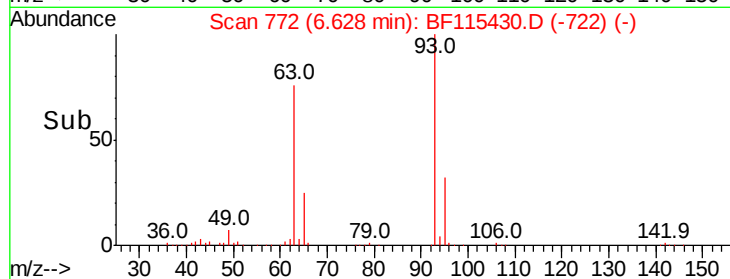
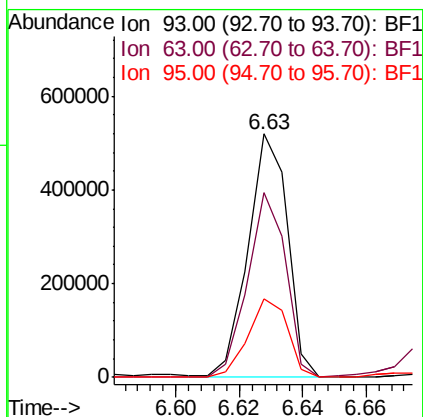
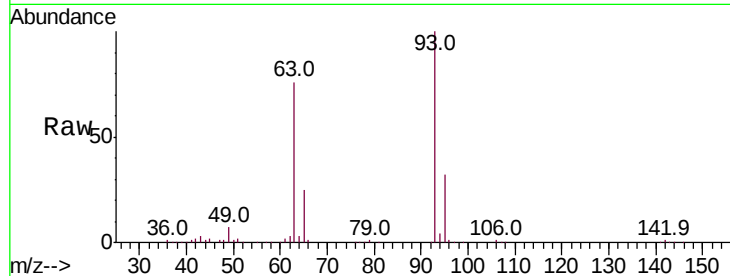
#11
bis(2-Chloroethyl)ether
Concen: 34.164 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	93	Resp	447298
Ion Ratio	100	Lower	Upper
93	100		
63	75.7	51.5	91.5
95	32.3	12.9	52.9

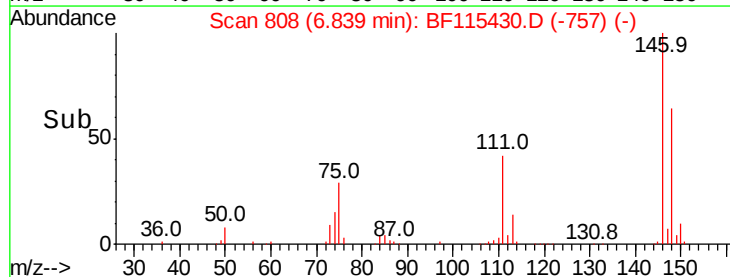
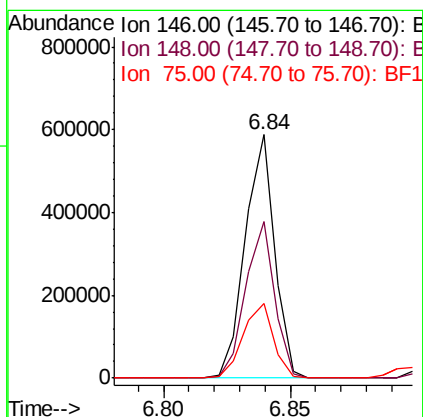
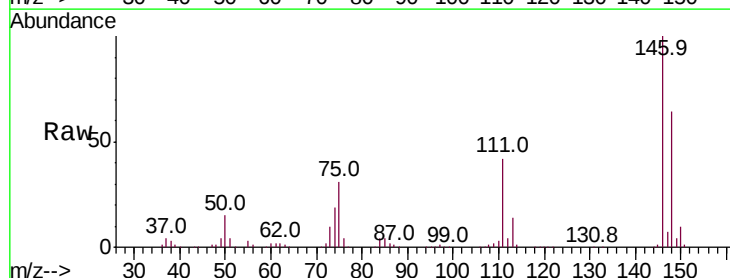
Manual Integrations
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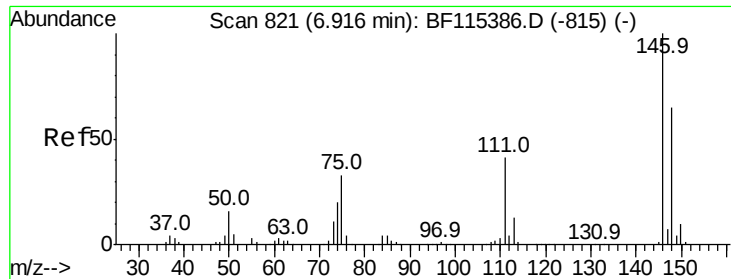
mohammad
7/10/2019 9:04:48 AM



#12
1,3-Dichlorobenzene
Concen: 33.047 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	146	Resp	474150
Ion Ratio	100	Lower	Upper
146	100		
148	64.4	50.8	76.2
75	30.9	25.9	38.9





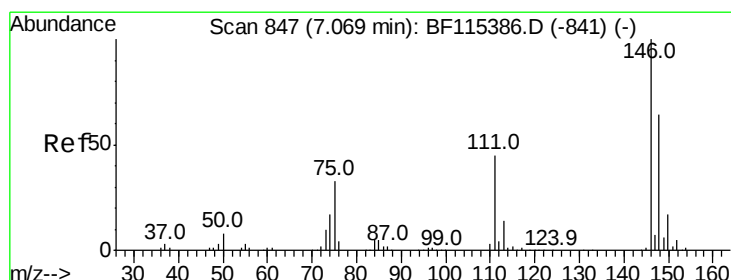
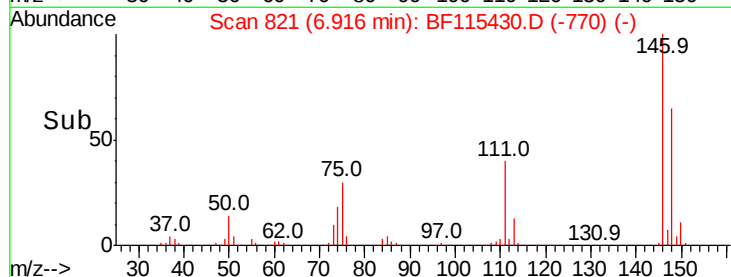
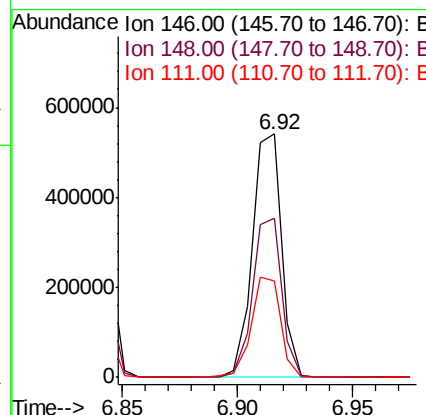
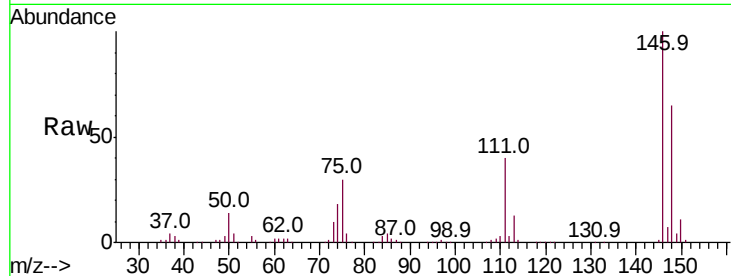
#13
 1,4-Dichlorobenzene
 Concen: 33.428 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	39.6	33.0	49.4

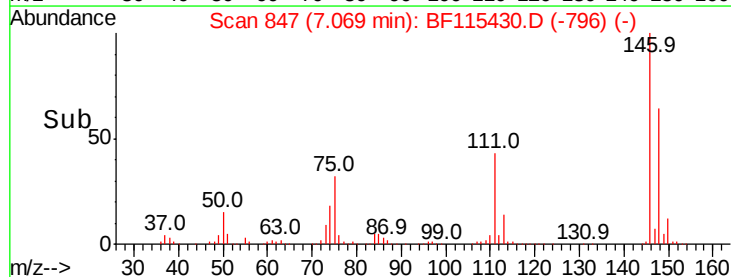
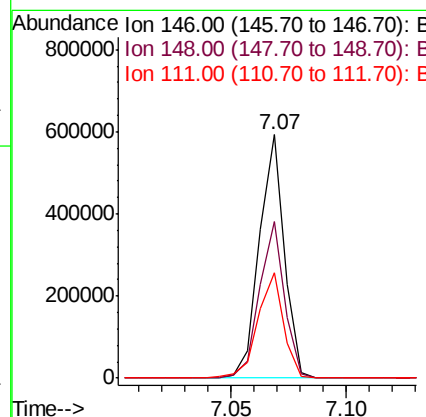
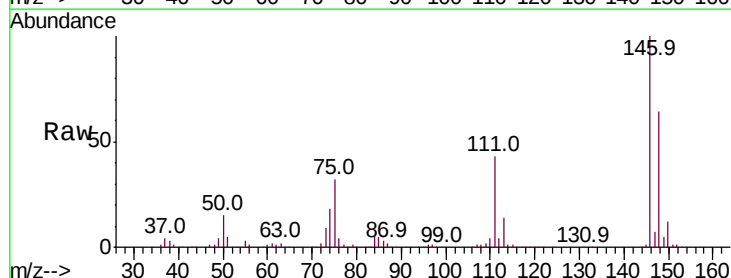
Manual Integrations
 APPROVED

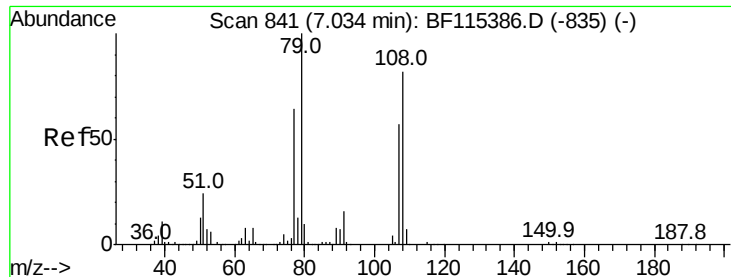
mohammad
 7/10/2019 9:04:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 33.744 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	43.1	36.2	54.2





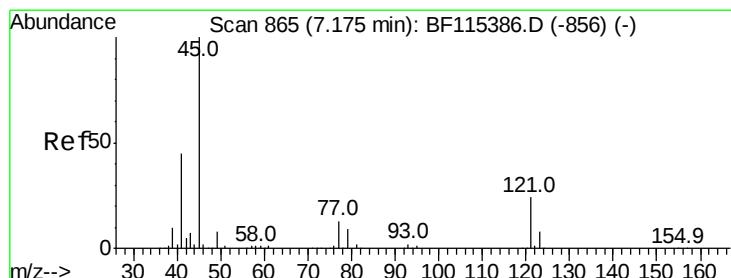
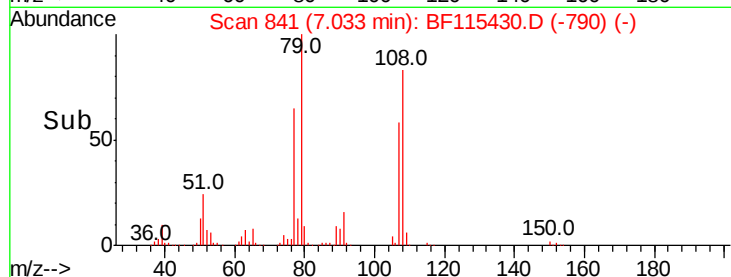
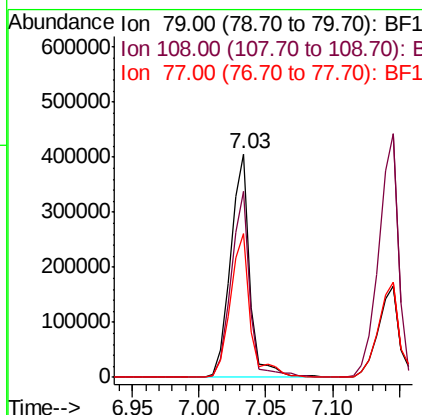
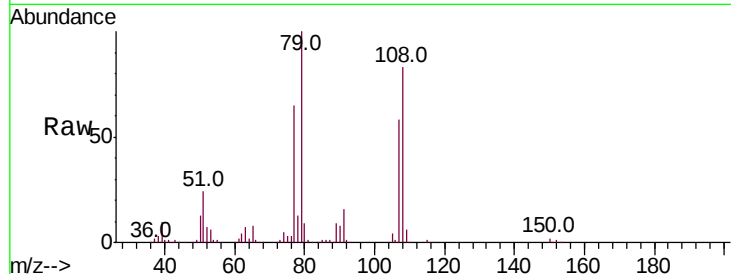
#15
Benzyl Alcohol
Concen: 34.955 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	65.4	98.2
77	64.7	51.5	77.3

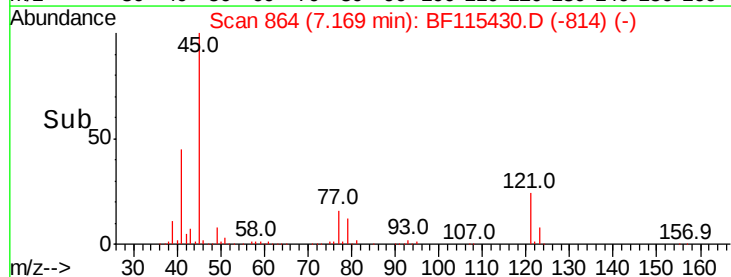
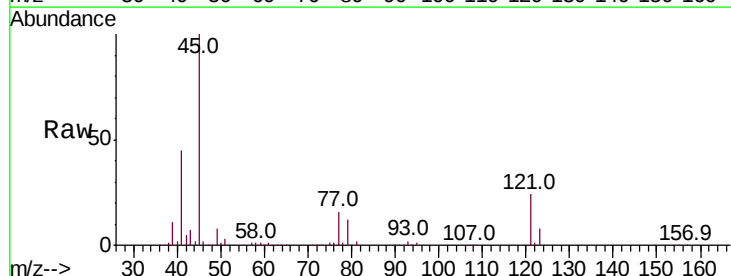
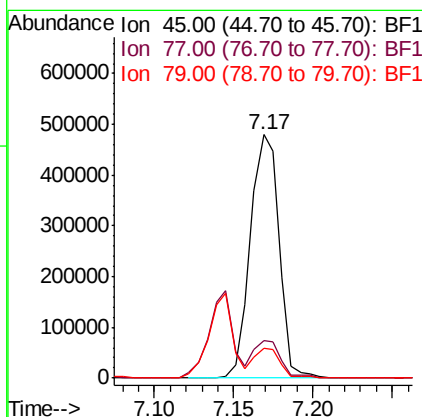
Manual Integrations
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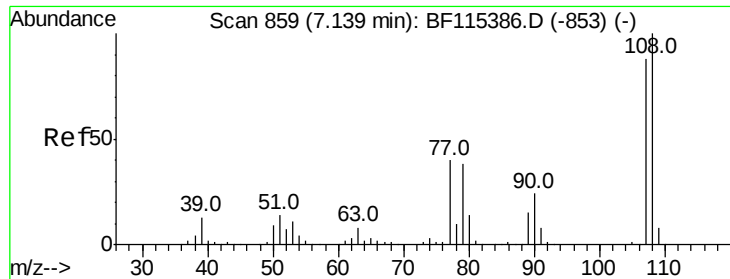
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.000 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	36.0
79	12.1	0.0	32.0





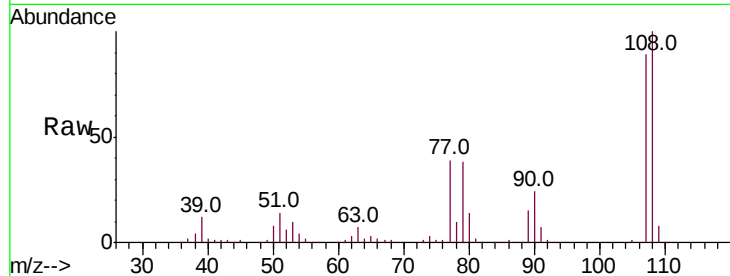
#17
2-Methylphenol
Concen: 34.982 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

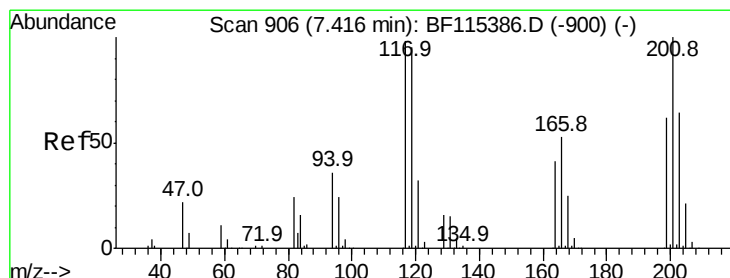
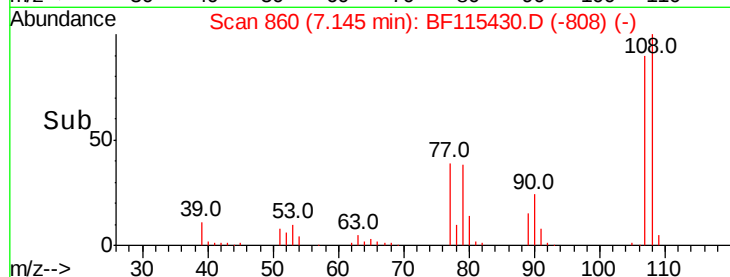
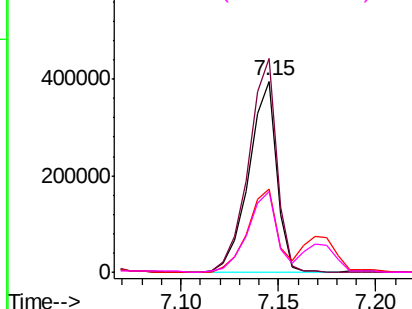
Tot Ion:	107	Resp:	392479
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.7	136.1
77	43.9	36.3	54.5
79	42.2	34.9	52.3

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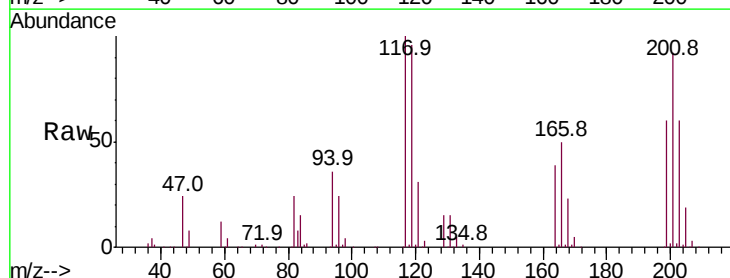


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

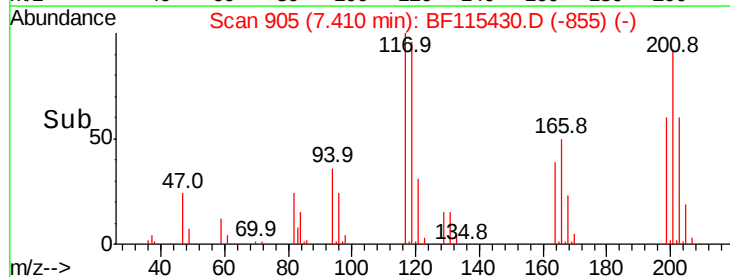
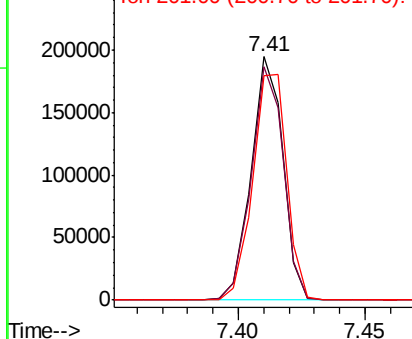


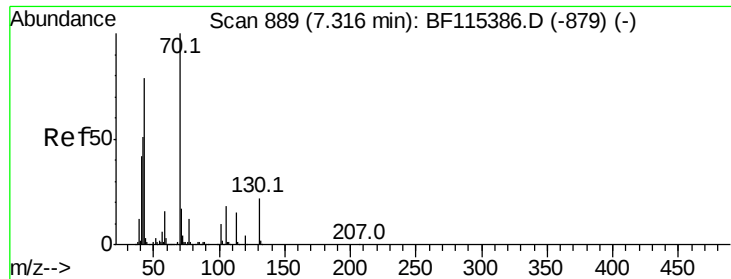
#18
Hexachloroethane
Concen: 31.848 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion:	117	Resp:	170512
Ion Ratio	Lower	Upper	
117	100		
119	96.1	77.1	115.7
201	92.0	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





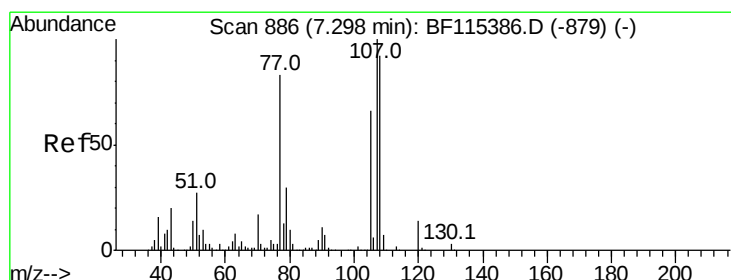
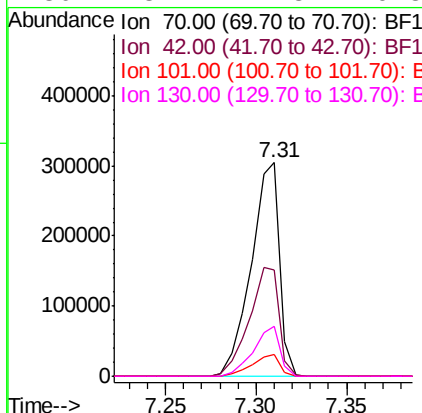
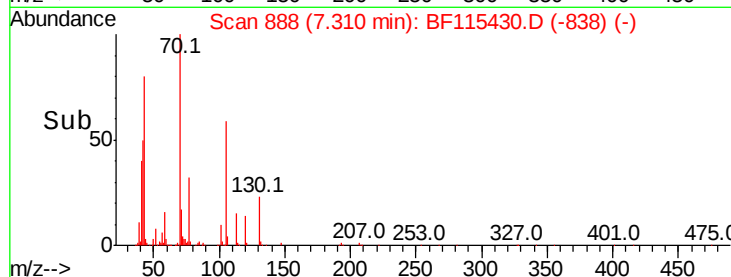
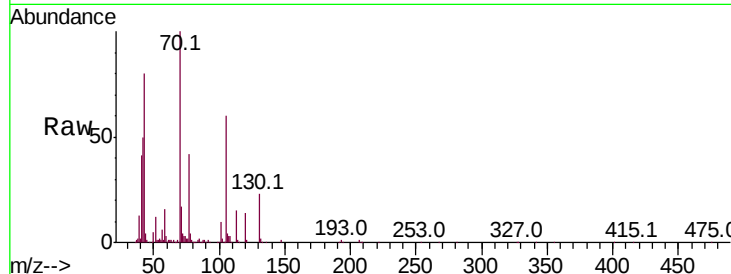
#19
n-Nitroso-di-n-propylamine
Concen: 33.233 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.8	41.1	61.7
101	9.9	8.0	12.0
130	23.1	17.8	26.8

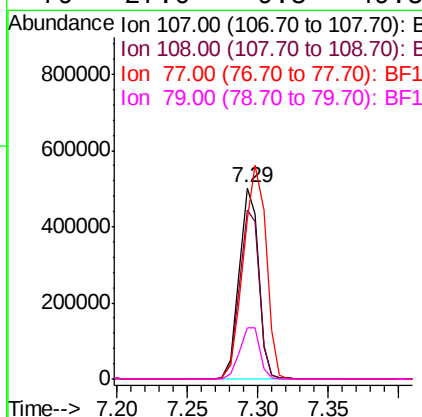
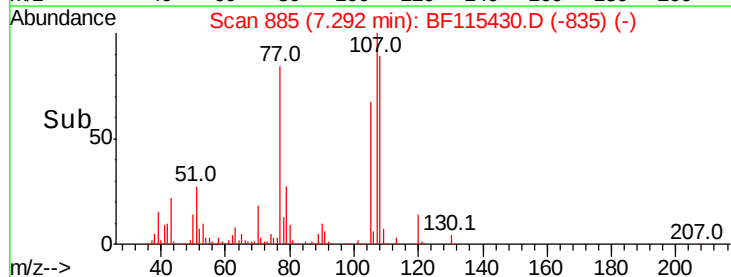
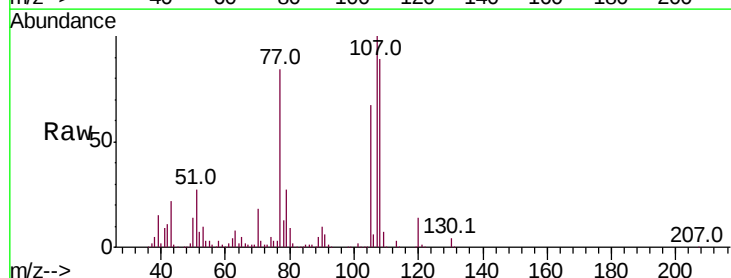
Manual Integrations
APPROVED

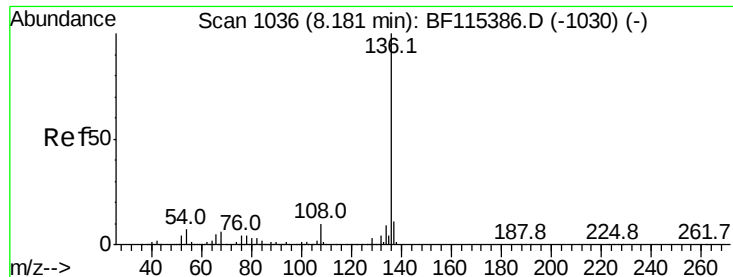
mohammad
7/10/2019 9:04:48 AM



#20
3+4-Methylphenols
Concen: 36.206 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.5	112.5
77	83.9	62.7	102.7
79	27.0	9.5	49.5





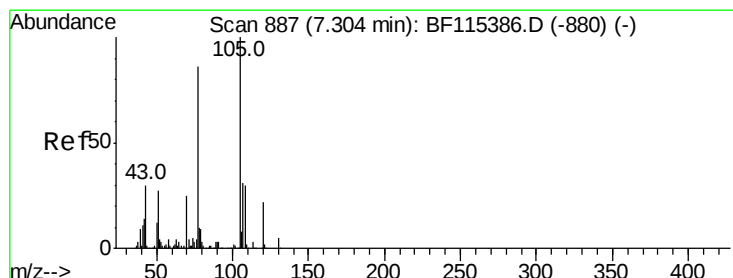
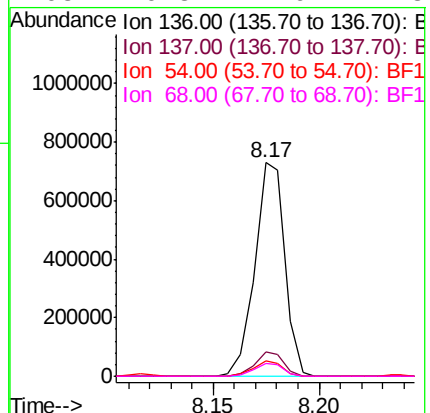
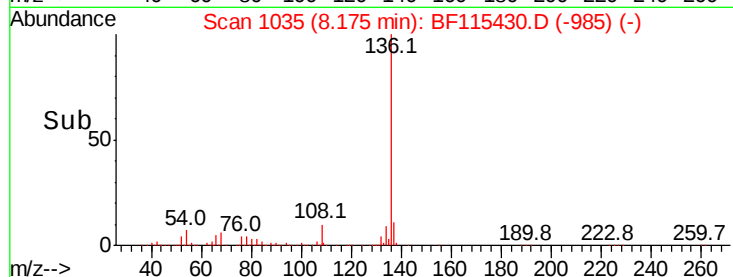
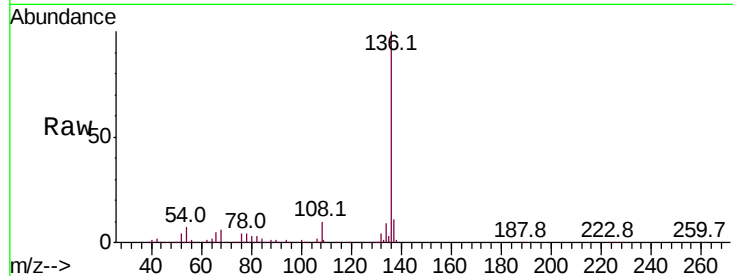
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.5	5.6	8.4	
68	6.3	4.9	7.3	

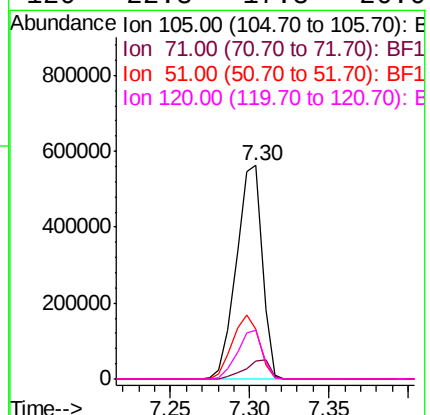
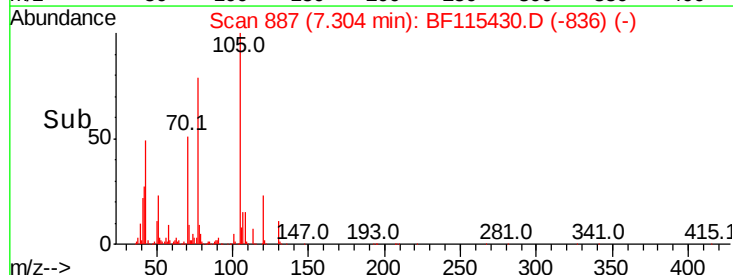
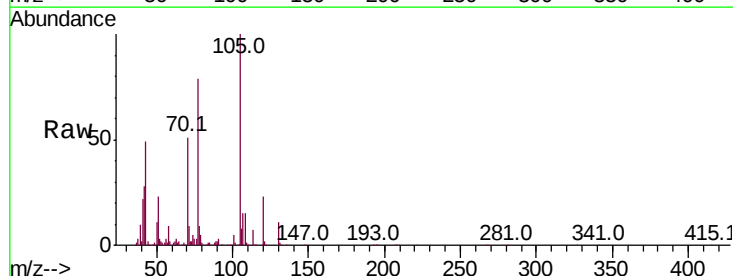
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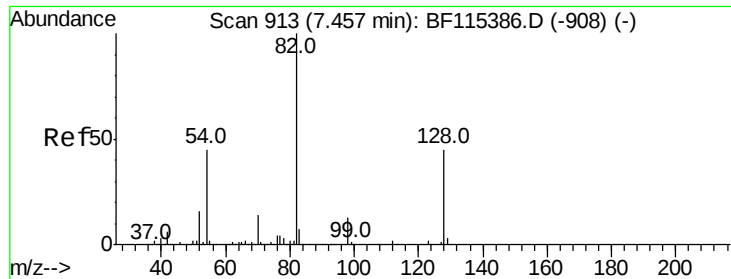
mohammad
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#22
Acetophenone
Concen: 36.692 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	3.3	4.9#	
51	23.1	21.5	32.3	
120	22.8	17.8	26.6	





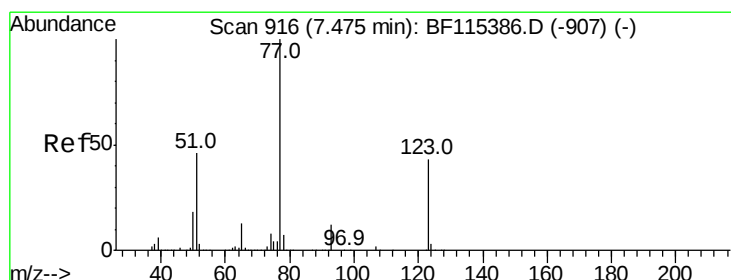
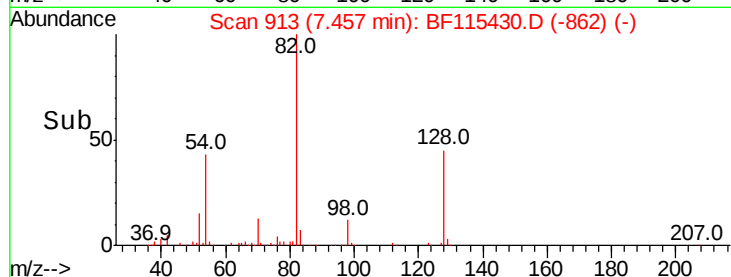
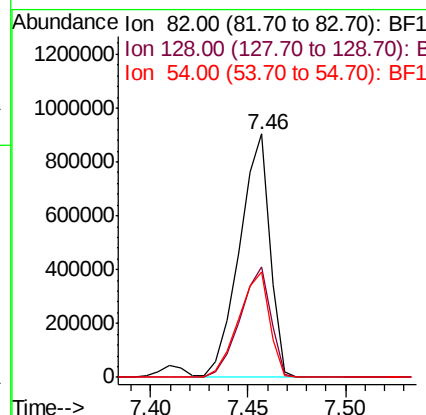
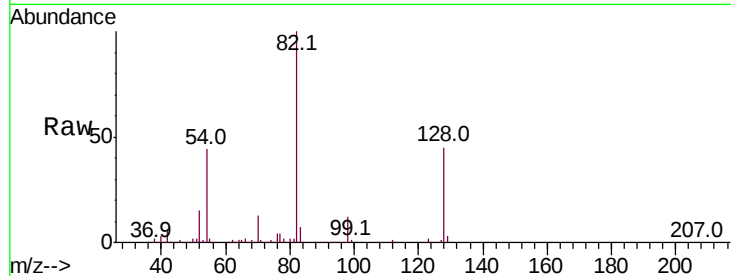
#23
Nitrobenzene-d5
Concen: 79.755 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	43.5	36.3	54.5

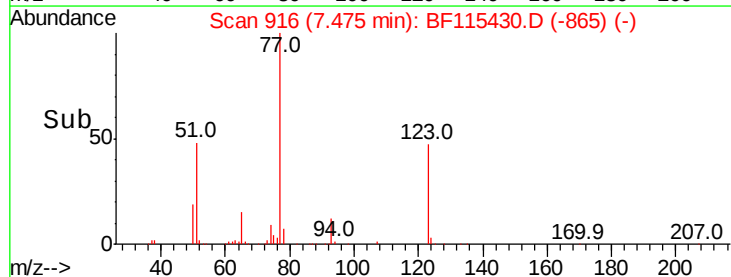
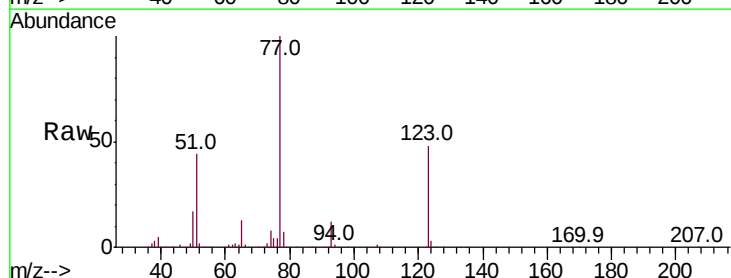
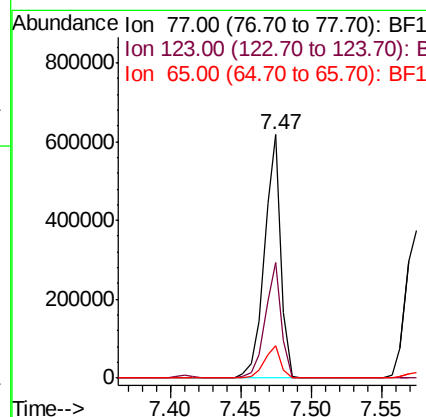
Manual Integrations
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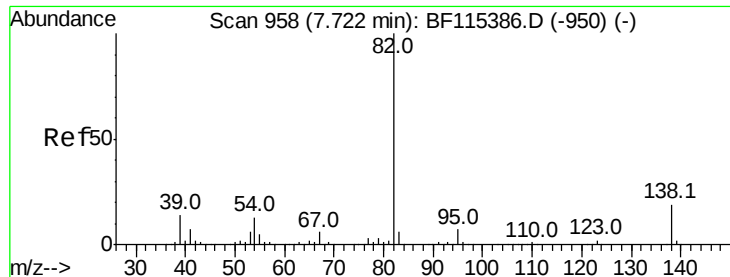
mohammad
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#24
Nitrobenzene
Concen: 36.538 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.0	52.6
65	13.4	10.8	16.2





#25

Isophorone

Concen: 35.162 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

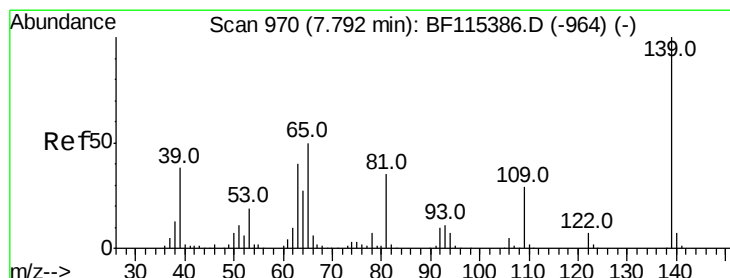
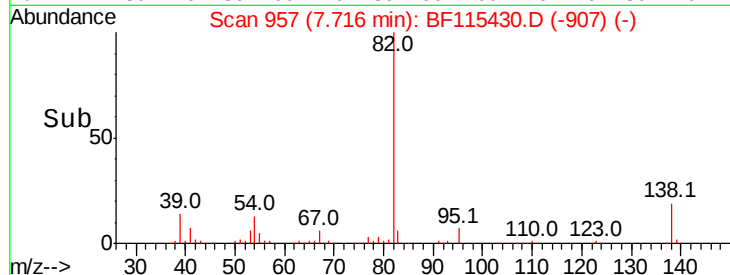
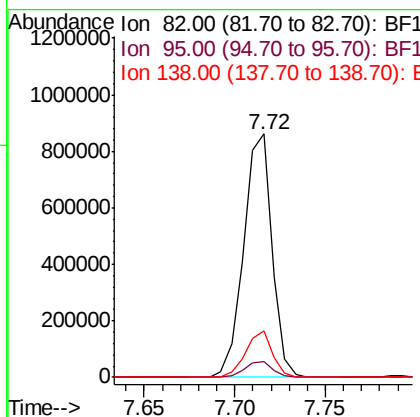
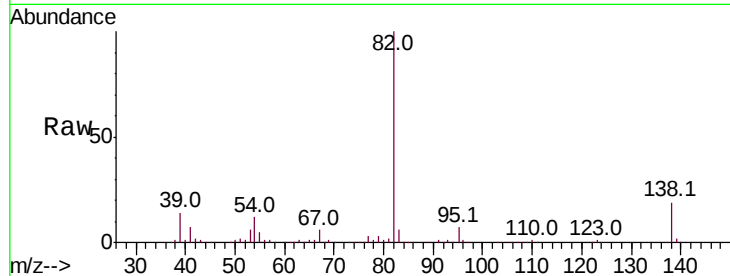
ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:	82	Resp:	931733
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	19.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.959 ng

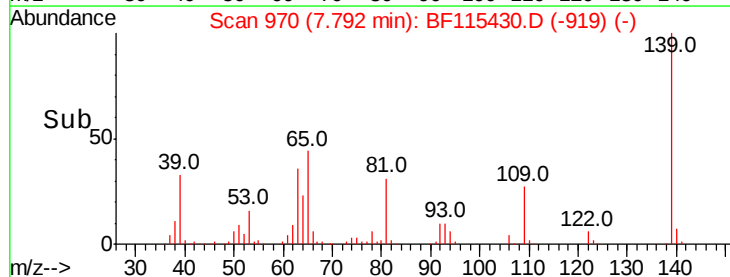
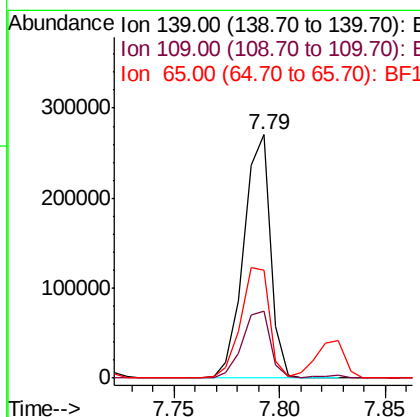
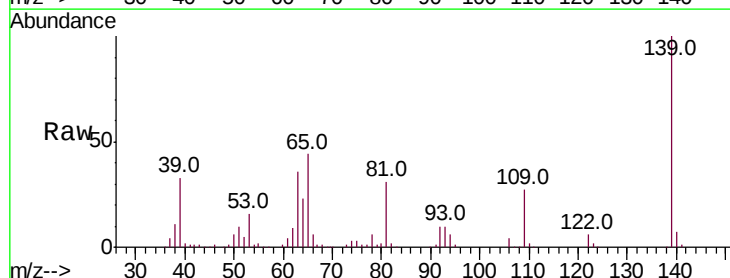
RT: 7.79 min Scan# 970

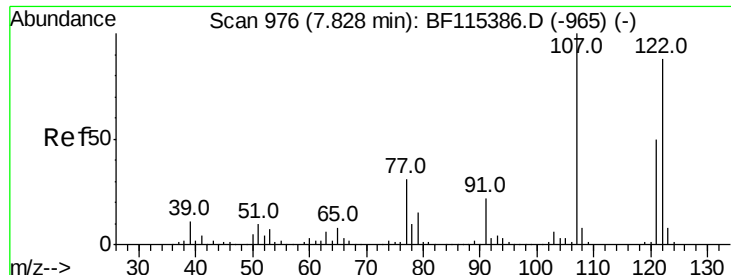
Delta R.T. -0.00 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tgt Ion:	139	Resp:	238167
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.9	34.3
65	44.3	40.2	60.4





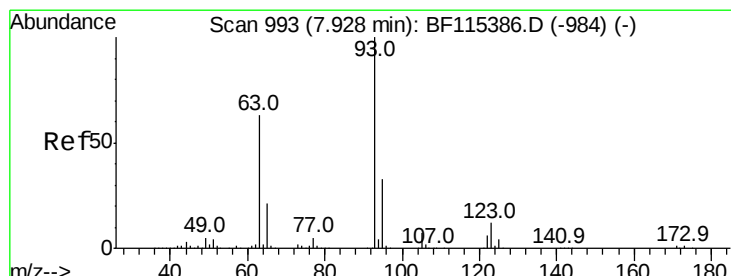
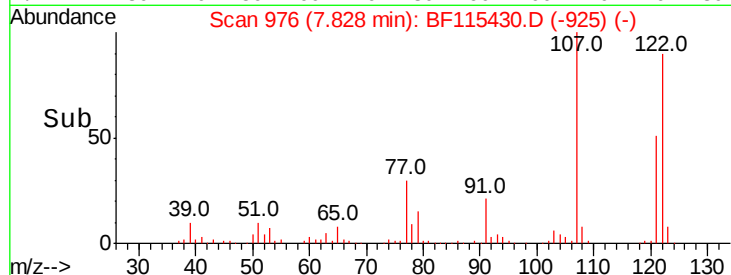
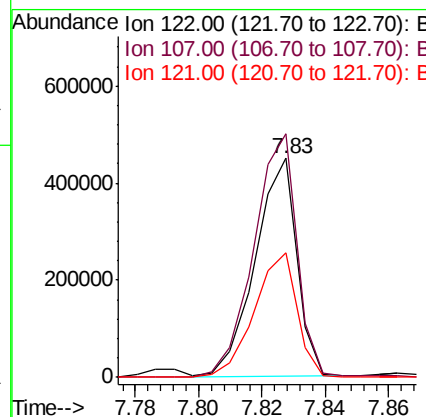
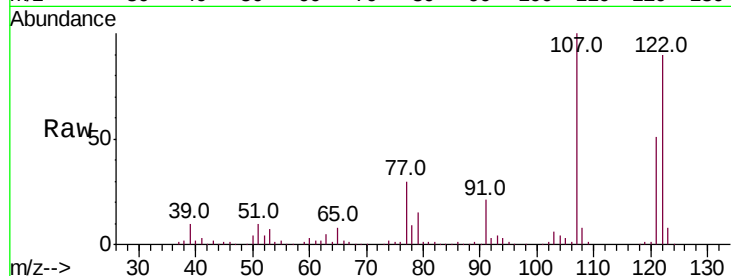
#27
 2,4-Dimethylphenol
 Concen: 37.873 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	111.1	91.0	136.6
121	56.9	45.9	68.9

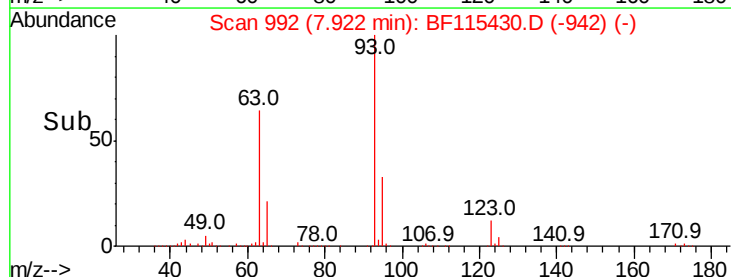
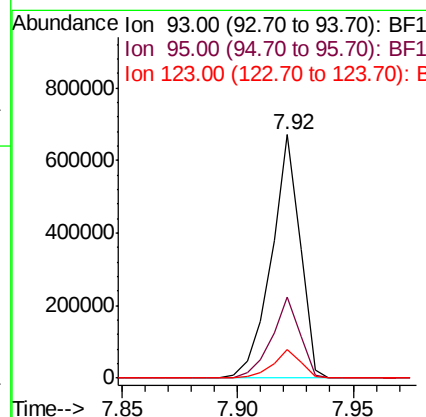
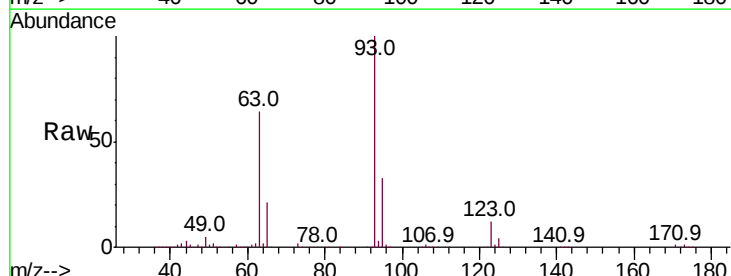
Manual Integrations
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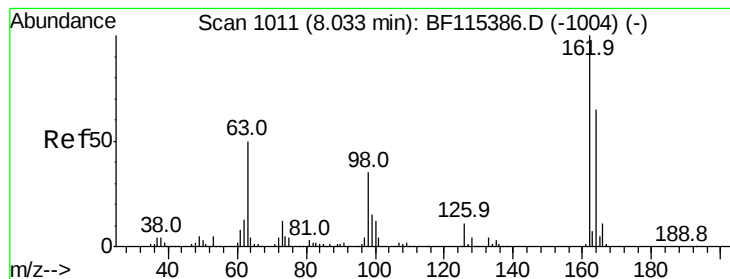
mohammad
 7/10/2019 9:04:48 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.312 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	33.4	26.6	39.8
123	11.9	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 37.355 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

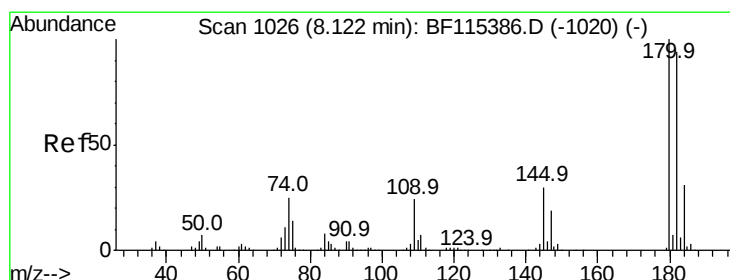
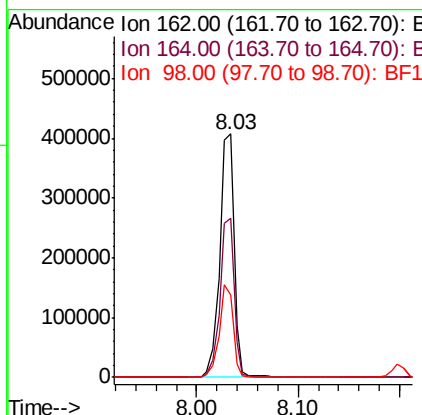
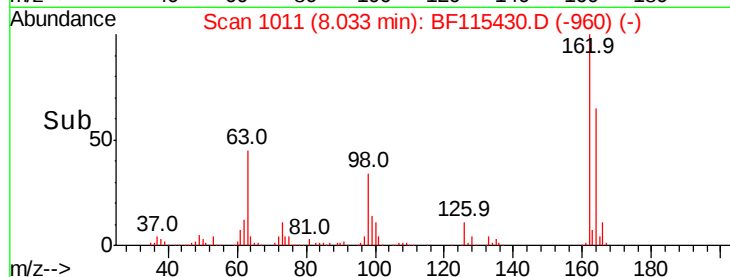
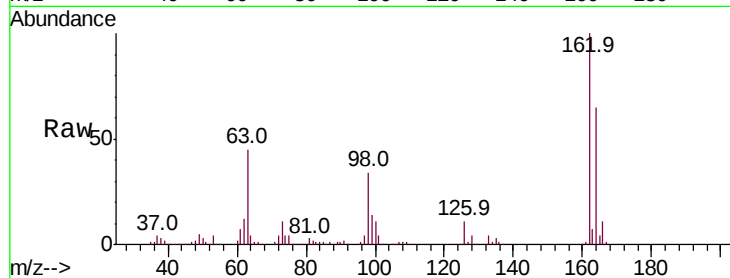
ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:	162	Resp:	402704
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.6	84.6
98	33.6	15.0	55.0

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#30

1,2,4-Trichlorobenzene

Concen: 35.444 ng

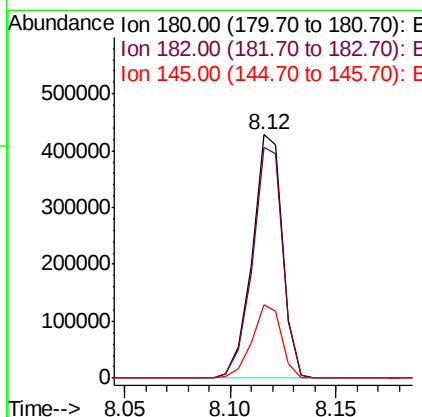
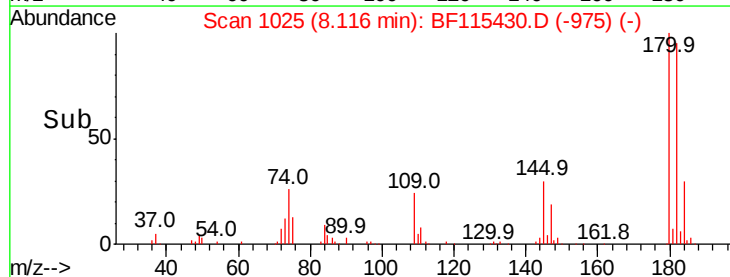
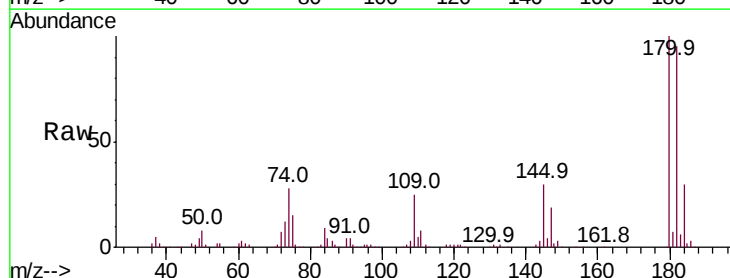
RT: 8.12 min Scan# 1025

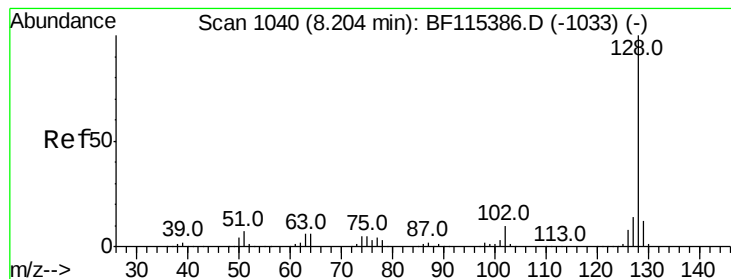
Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tgt Ion:	180	Resp:	425373
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.6	113.4
145	30.1	23.8	35.6





#31

Naphthalene

Concen: 36.680 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:128 Resp: 1315944

Ion Ratio Lower Upper

128 100

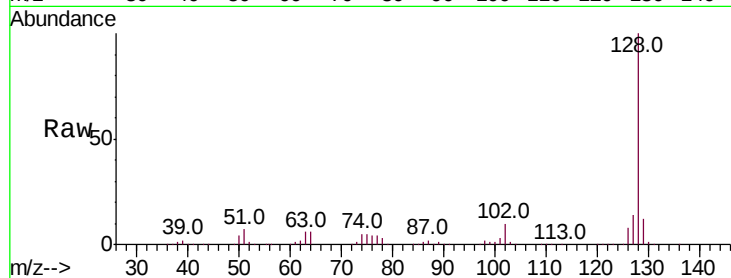
129 11.8 9.4 14.2

127 13.9 11.2 16.8

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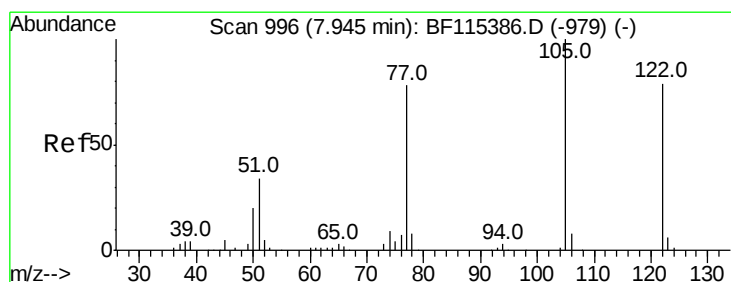
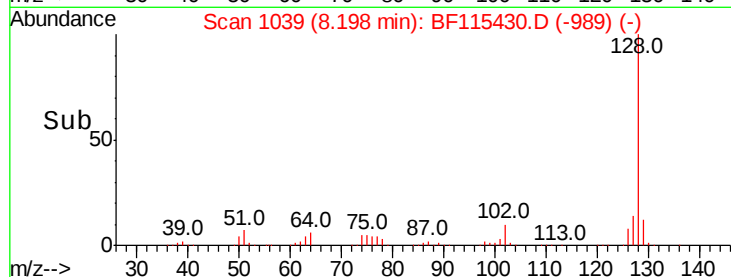
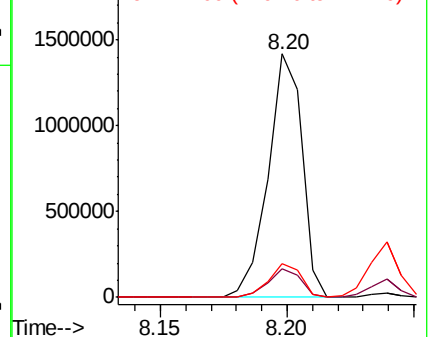
7/10/2019 9:04:48 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.451 ng m

RT: 7.86 min Scan# 982

Delta R.T. -0.08 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

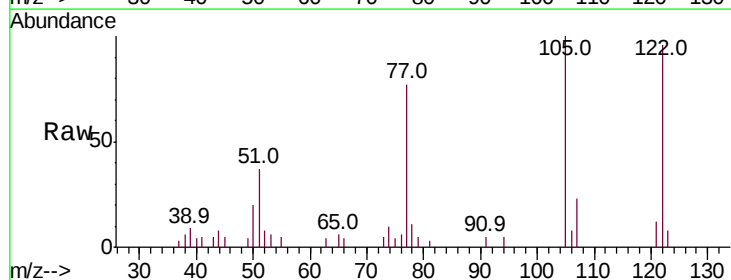
Tgt Ion:122 Resp: 12709

Ion Ratio Lower Upper

122 100

105 104.1 105.1 145.1#

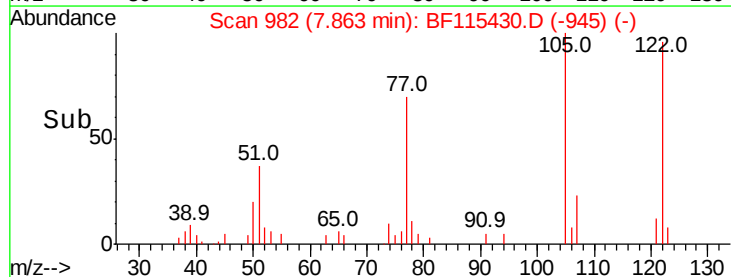
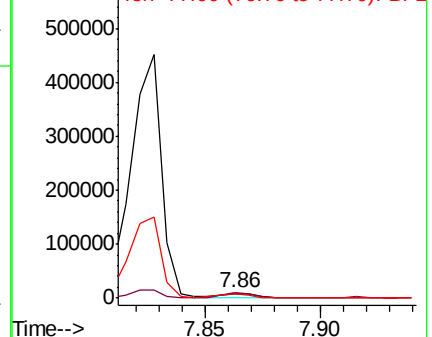
77 80.1 77.8 117.8

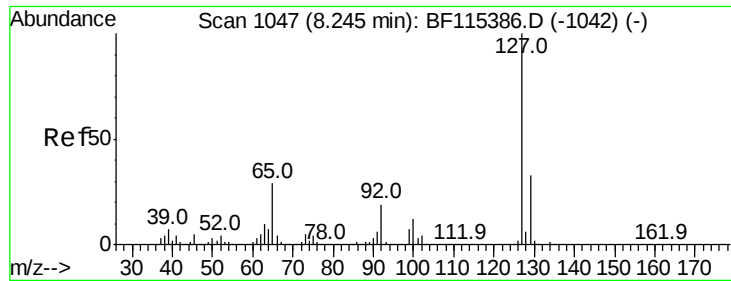


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





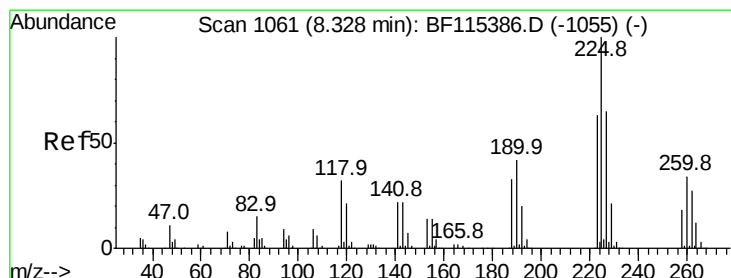
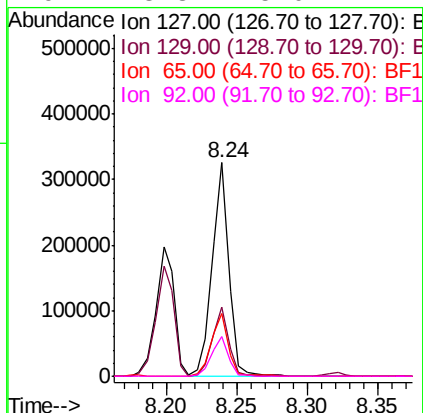
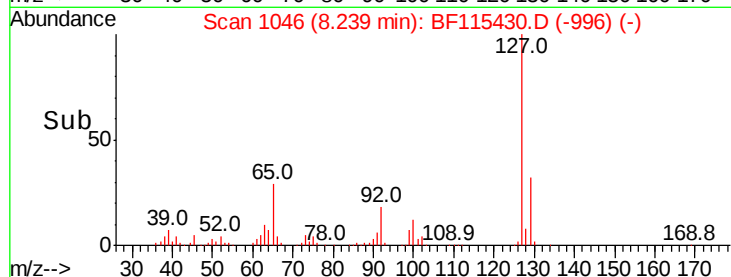
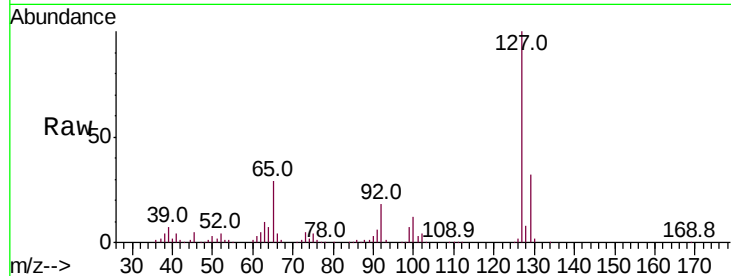
#33
4-Chloroaniline
Concen: 16.762 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.5	39.7		
65	29.4	23.3	34.9		
92	18.3	15.0	22.4		

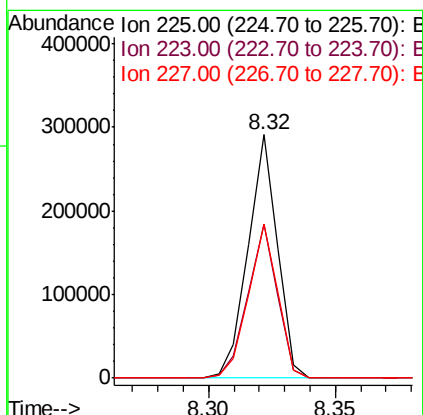
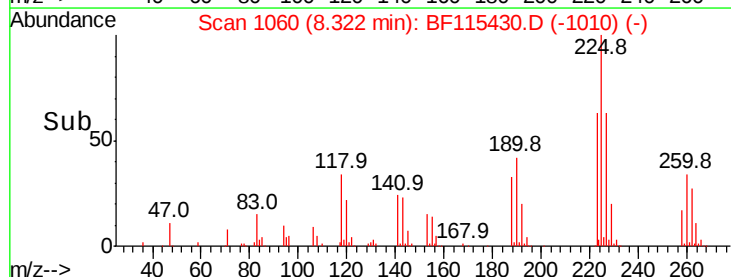
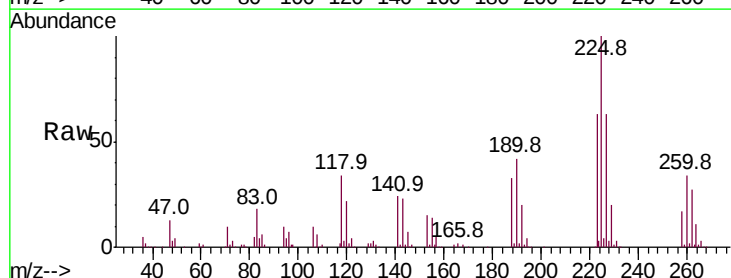
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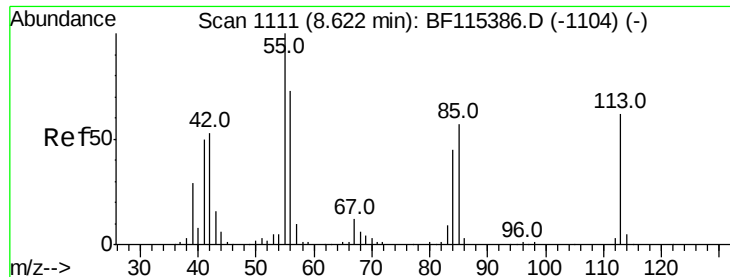
mohammad
7/10/2019 9:04:48 AM



#34
Hexachlorobutadiene
Concen: 34.593 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.7	76.1		
227	63.2	52.1	78.1		





#35

Caprolactam

Concen: 35.528 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:113 Resp: 124741

Ion Ratio Lower Upper

113 100

55 162.6 141.9 181.9

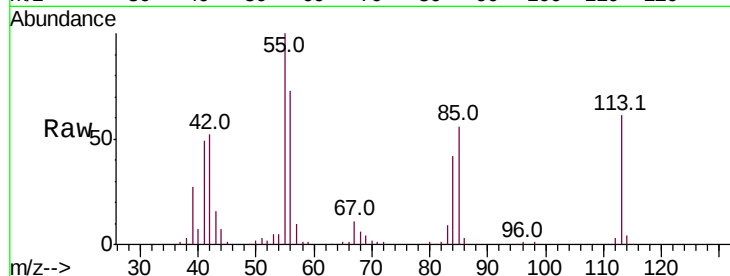
56 119.5 98.7 138.7

Manual Integrations

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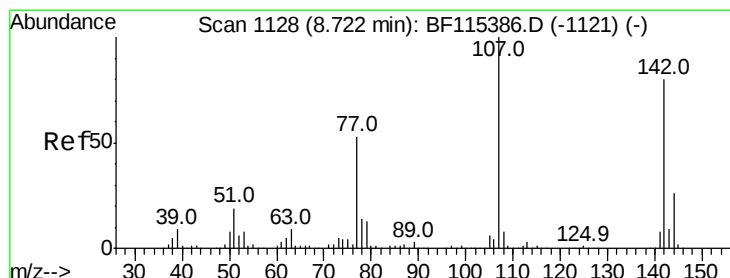
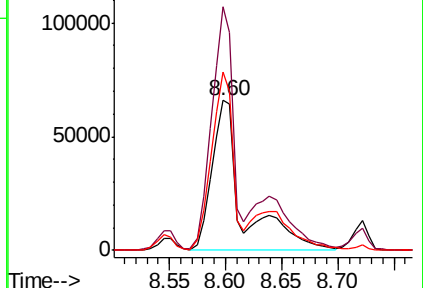
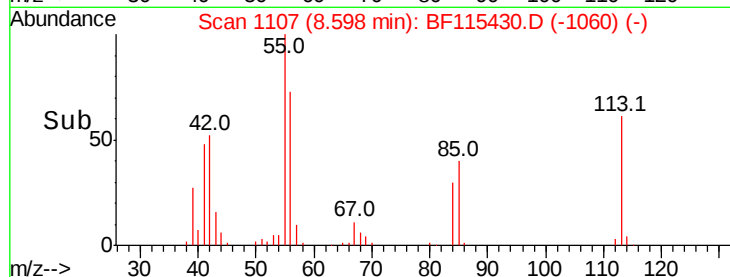
7/10/2019 9:04:48 AM



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: 37.083 ng/mL

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

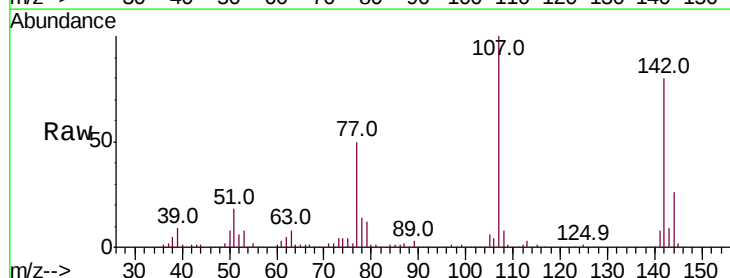
Tgt Ion:107 Resp: 422853

Ion Ratio Lower Upper

107 100

144 26.2 20.8 31.2

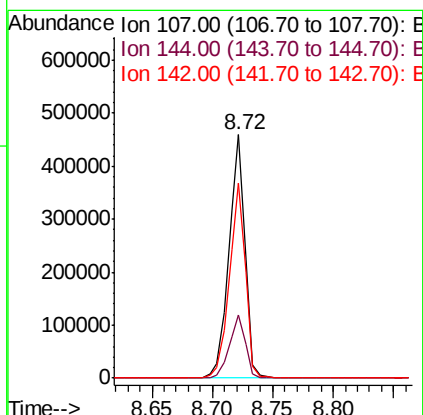
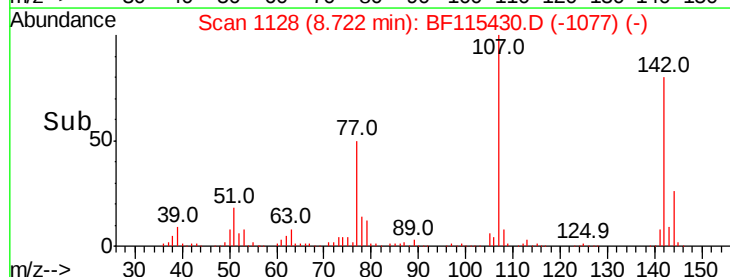
142 80.1 64.0 96.0

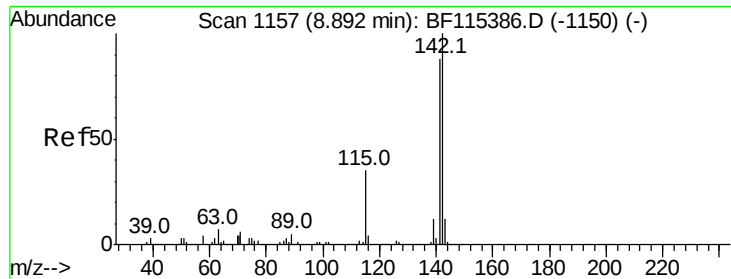


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





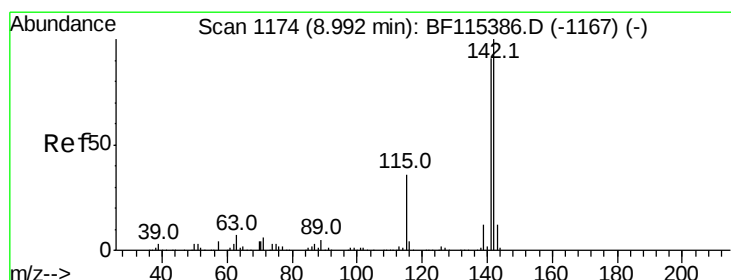
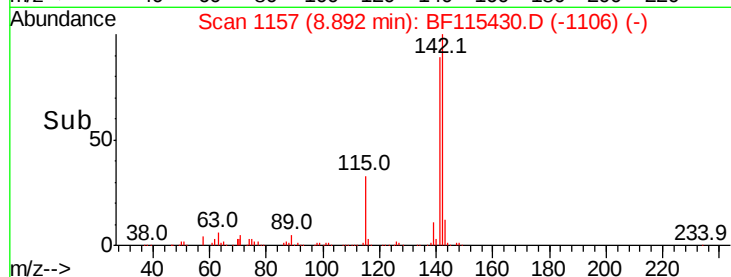
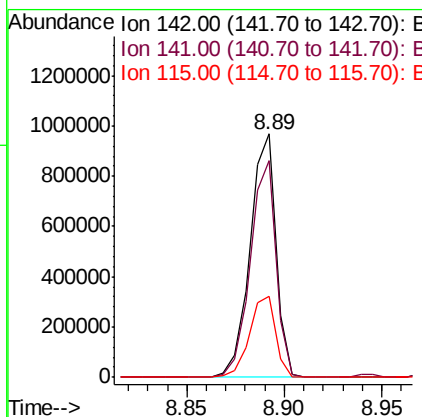
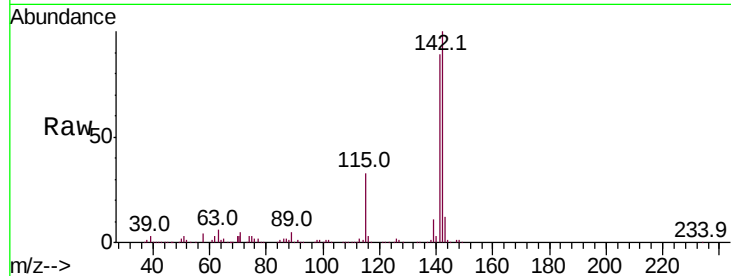
#37
2-Methylnaphthalene
Concen: 37.131 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	106.0
115	33.2	27.8	41.8

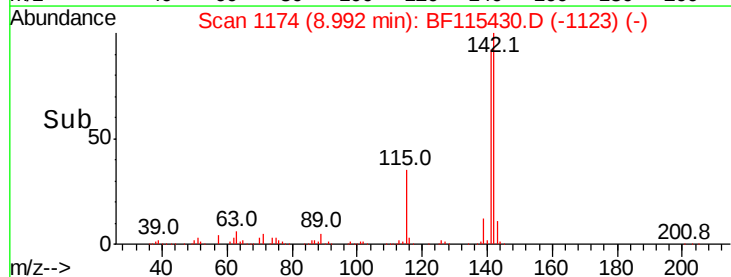
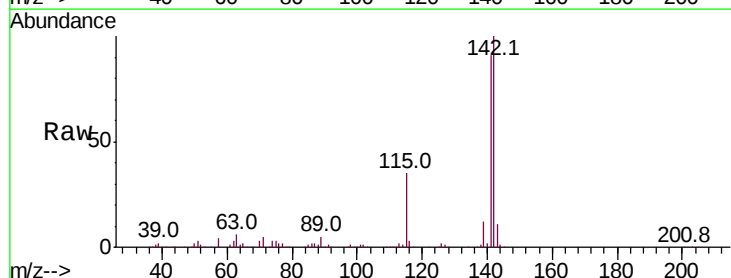
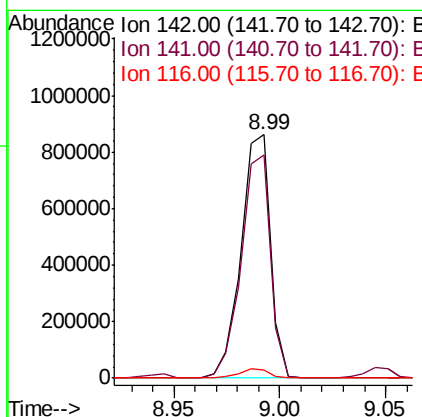
Manual Integrations
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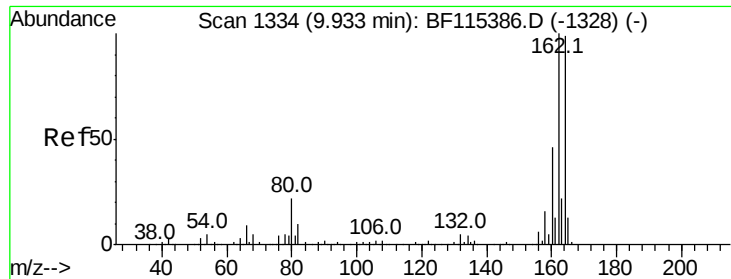
mohammad
7/10/2019 9:04:48 AM



#38
1-Methylnaphthalene
Concen: 36.307 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.7	109.1
116	3.5	3.0	4.4





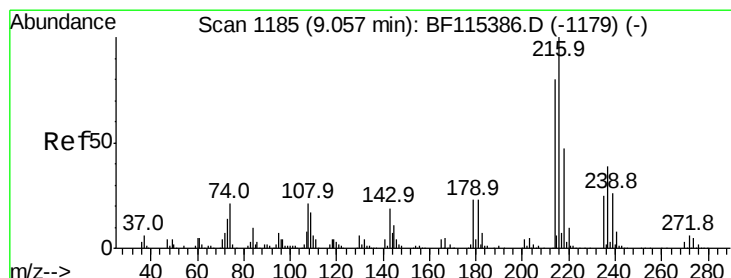
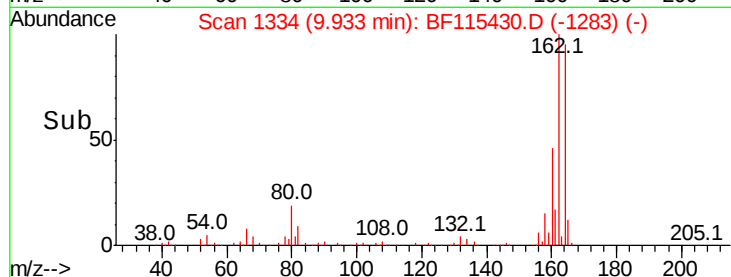
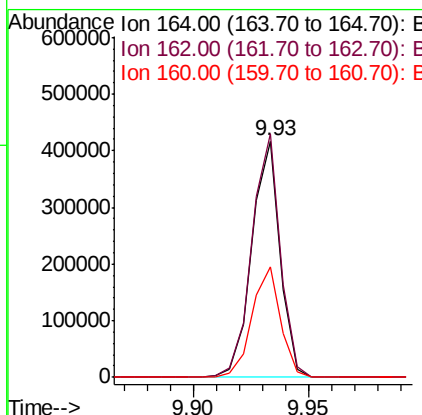
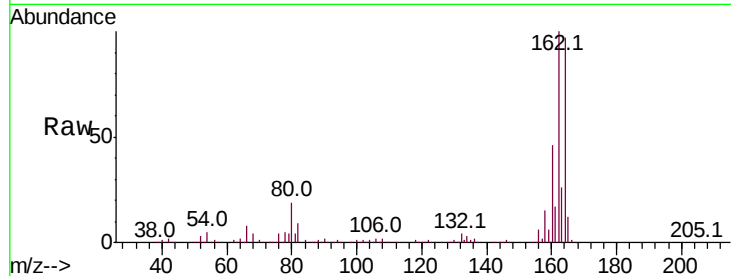
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.6	121.0	
160	46.9	37.0	55.6	

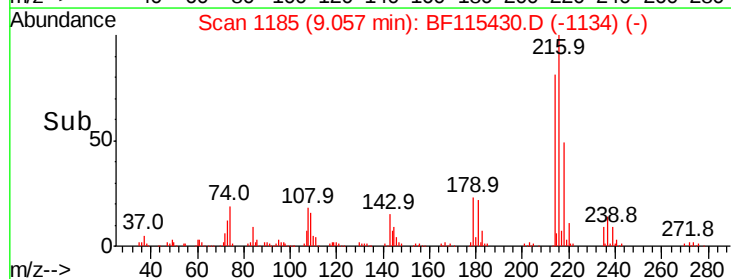
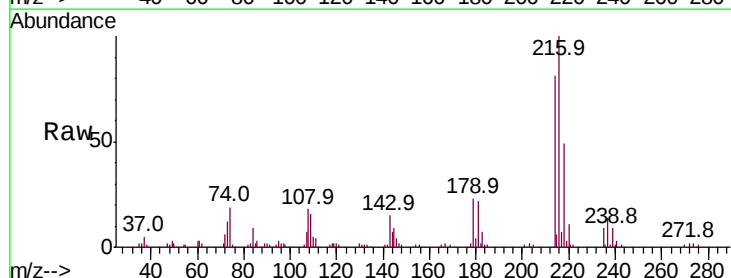
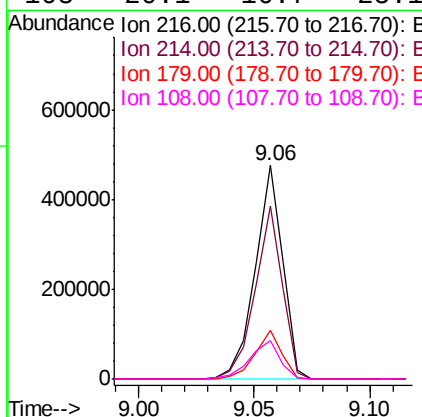
Manual Integrations
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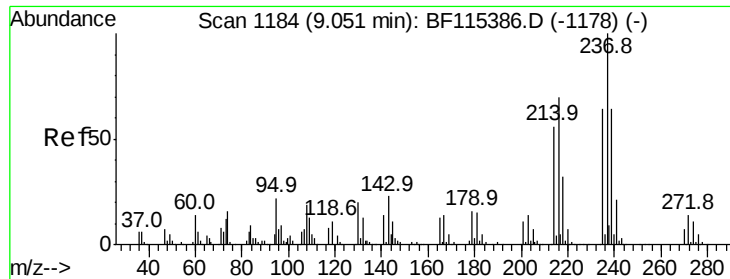
mohammad
7/10/2019 9:04:48 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.711 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	63.7	95.5	
179	22.2	17.8	26.8	
108	20.1	16.7	25.1	





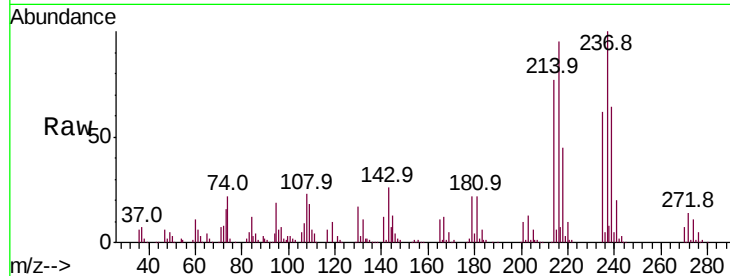
#41
Hexachlorocyclopentadiene
Concen: 44.088 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

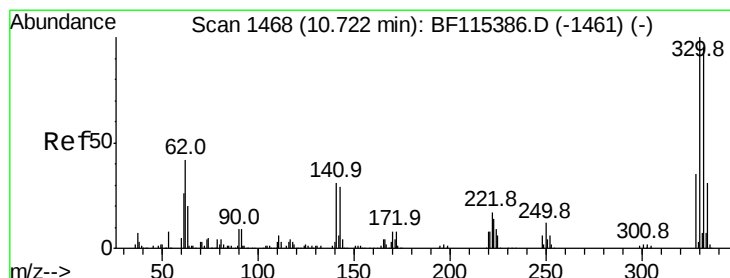
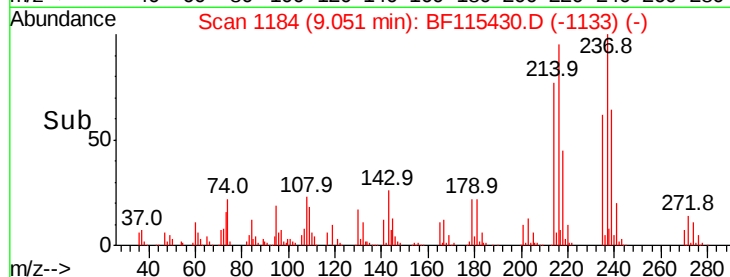
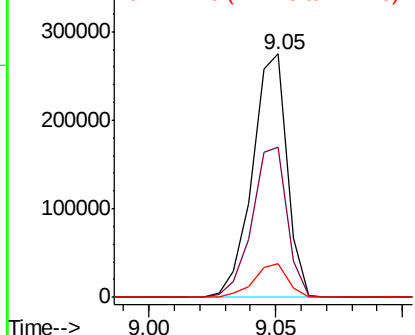
Tot Ion:	237	Resp:	261845
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.4	84.4
272	13.7	0.0	33.7

Manual Integrations
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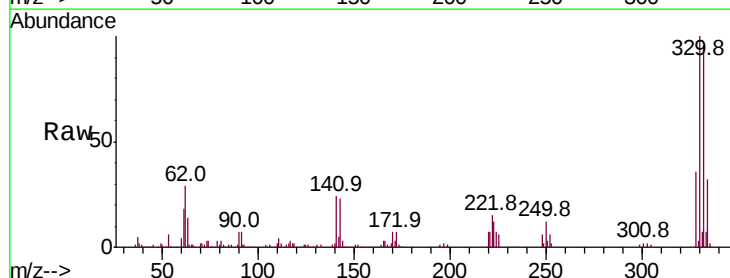


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

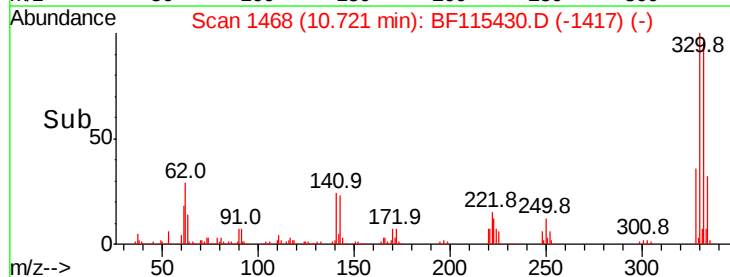
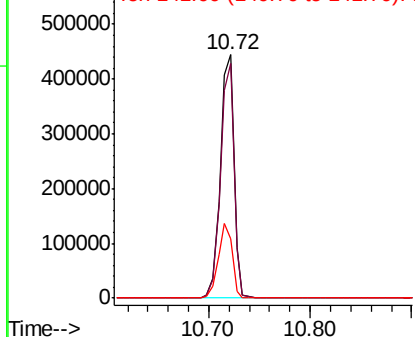


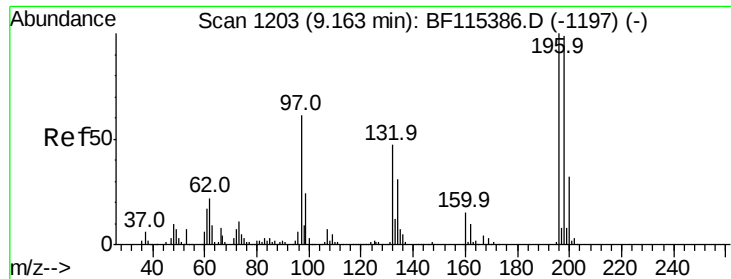
#42
2,4,6-Tribromophenol
Concen: 105.686 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion:	330	Resp:	416217
Ion Ratio	Lower	Upper	
330	100		
332	95.5	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





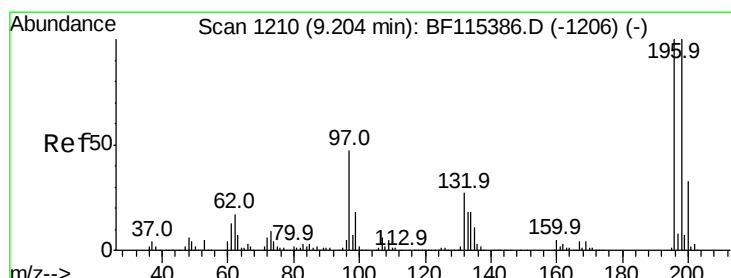
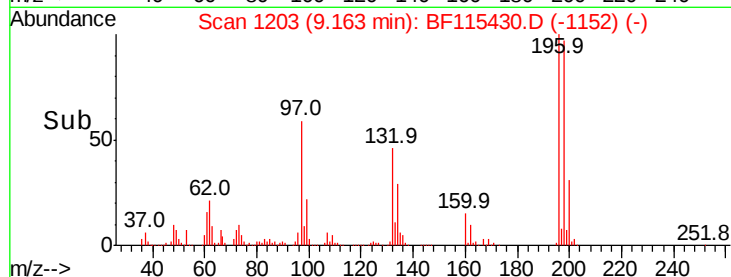
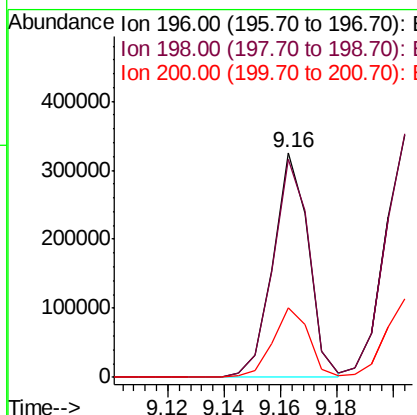
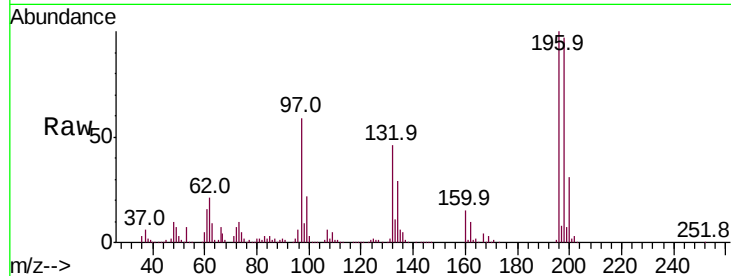
#43
 2,4,6-Trichlorophenol
 Concen: 37.920 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion:	196	Resp:	282888
Ion Ratio	Lower	Upper	
196	100		
198	97.2	79.5	119.3
200	30.9	25.8	38.8

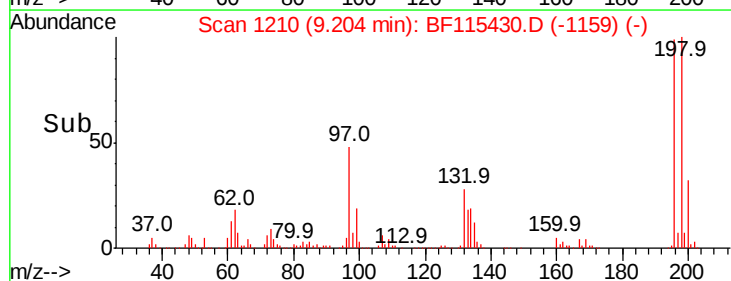
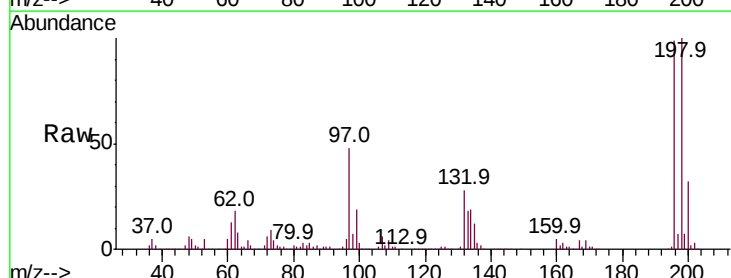
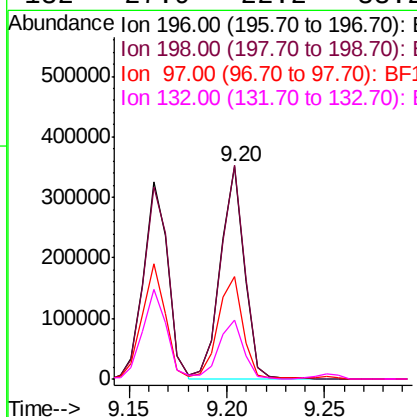
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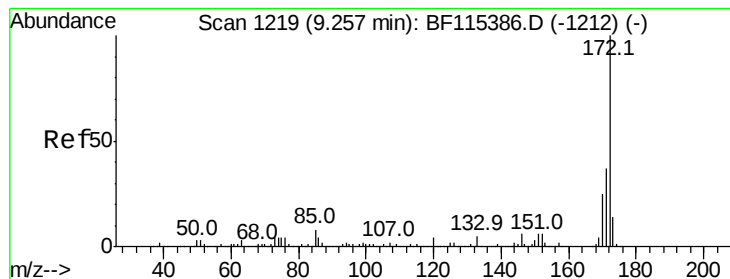
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#44
 2,4,5-Trichlorophenol
 Concen: 38.570 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion:	196	Resp:	298363
Ion Ratio	Lower	Upper	
196	100		
198	100.6	80.3	120.5
97	48.5	38.3	57.5
132	27.9	22.2	33.2





#45

2-Fluorobiphenyl

Concen: 81.733 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:172 Resp: 1659050

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.8

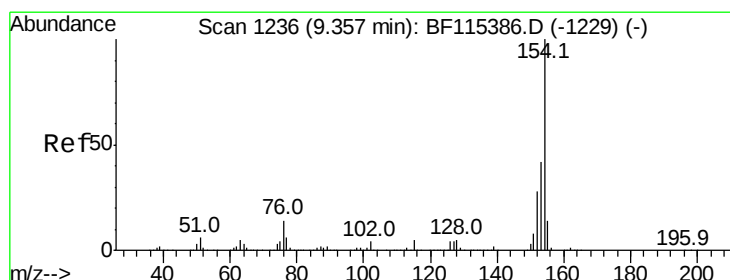
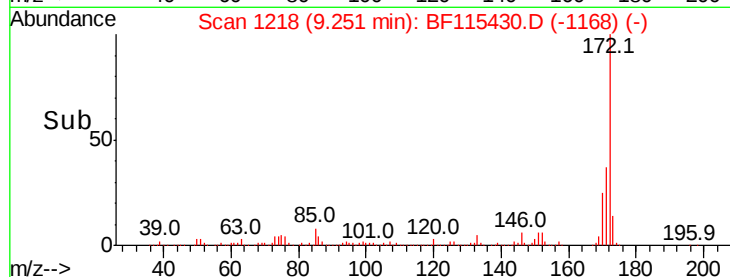
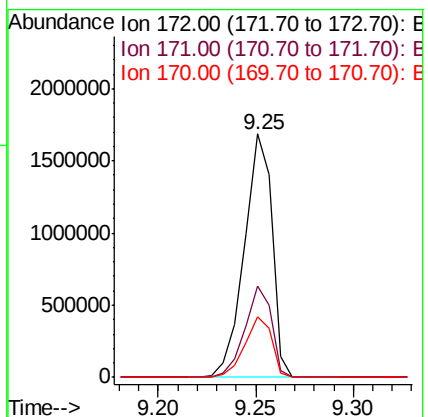
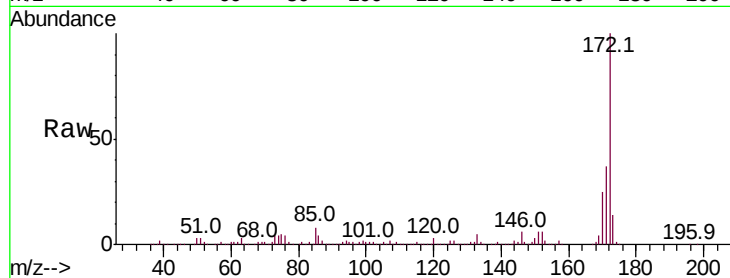
170 24.9 20.2 30.4

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#46

1,1'-Biphenyl

Concen: 38.410 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

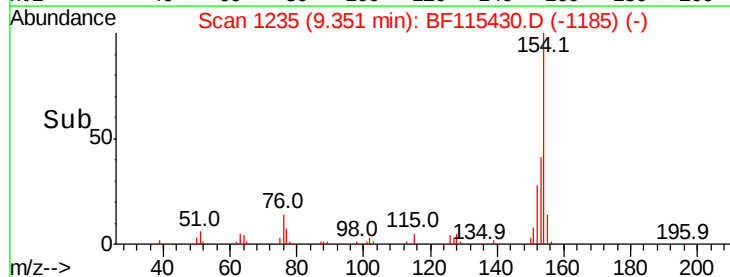
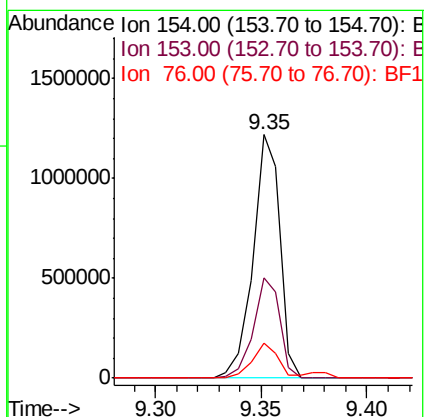
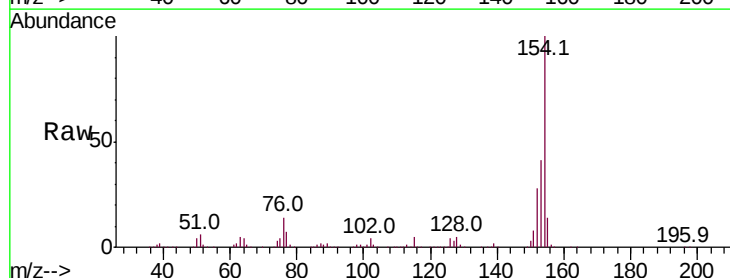
Tgt Ion:154 Resp: 1075553

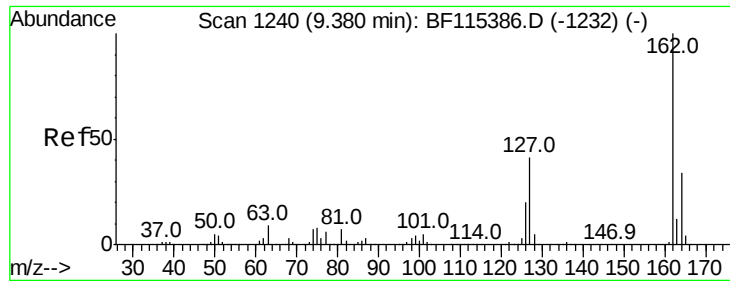
Ion Ratio Lower Upper

154 100

153 41.3 21.9 61.9

76 14.5 0.0 34.3





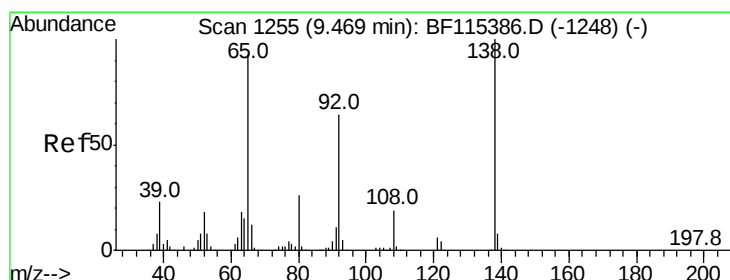
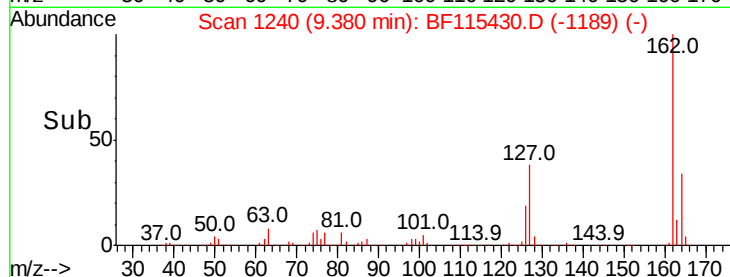
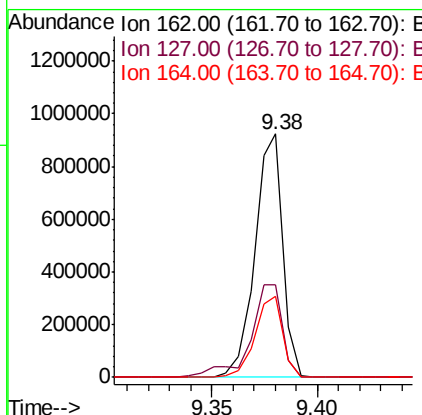
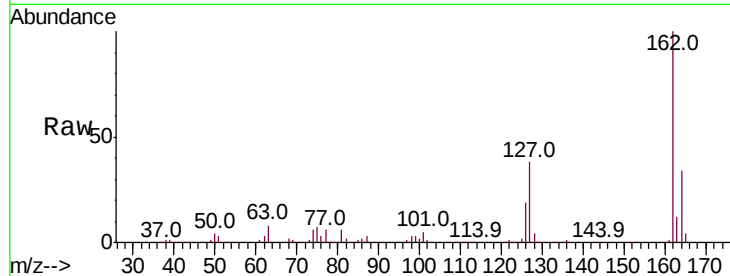
#47
 2-Chloronaphthalene
 Concen: 36.484 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.8	49.2
164	33.5	27.0	40.6

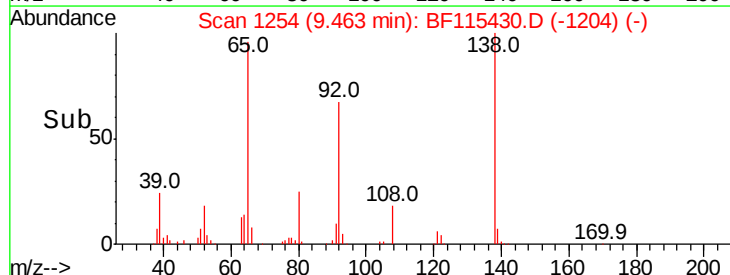
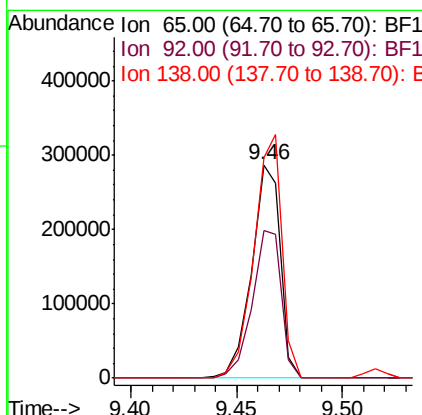
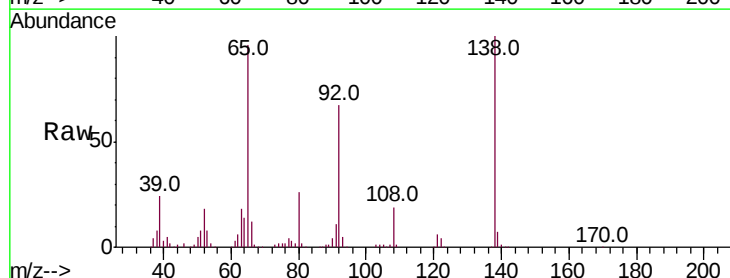
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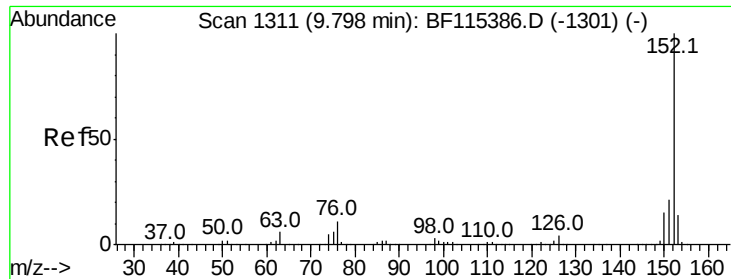
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#48
 2-Nitroaniline
 Concen: 39.913 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	55.4	83.0
138	103.7	85.8	128.8





#49

Acenaphthylene

Concen: 36.760 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:152 Resp: 1288055

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

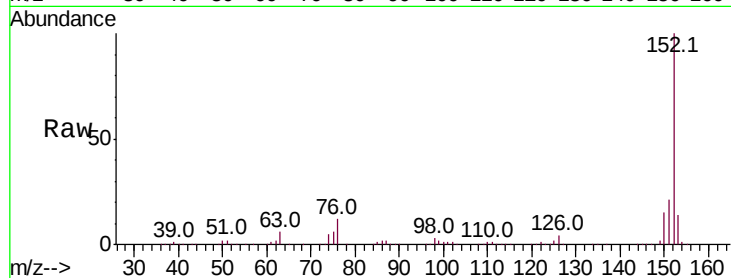
153 14.4 11.4 17.2

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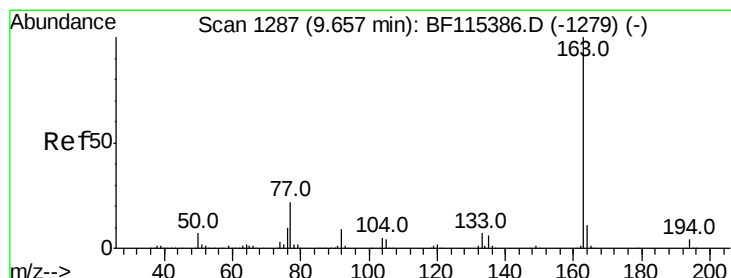
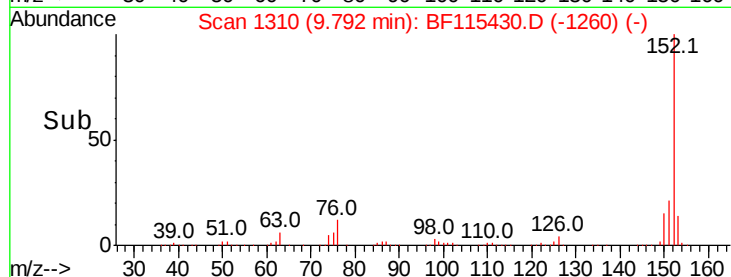
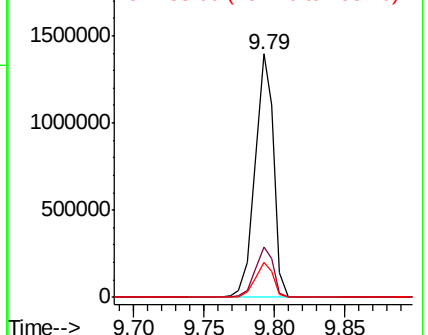
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.418 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

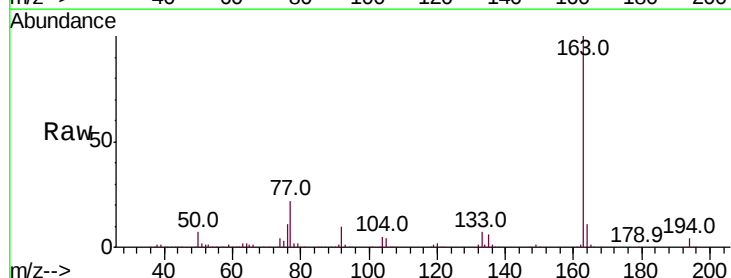
Tgt Ion:163 Resp: 1240962

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

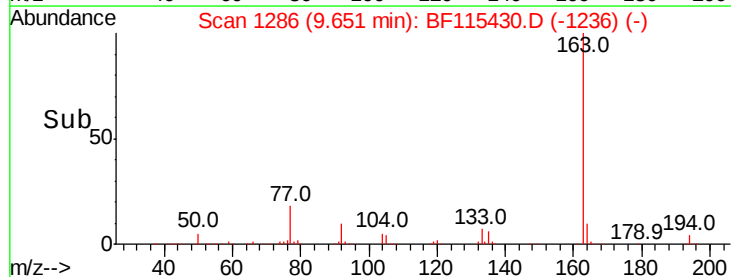
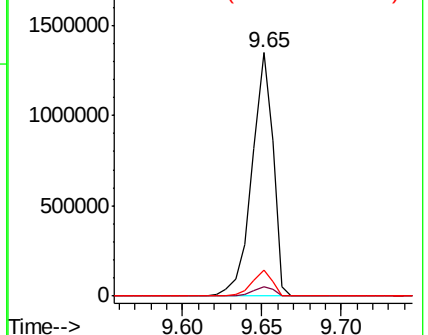
164 10.7 8.5 12.7

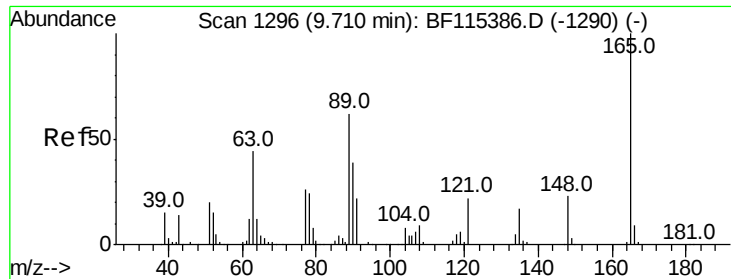


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





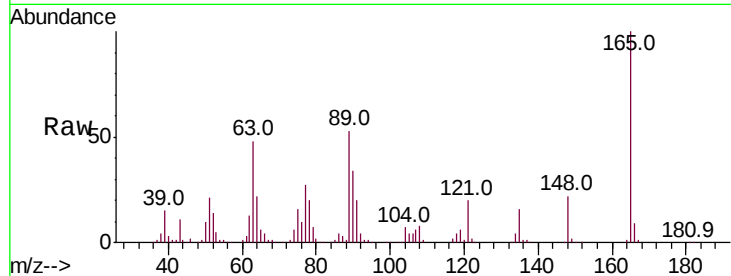
#51
 2,6-Dinitrotoluene
 Concen: 39.350 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

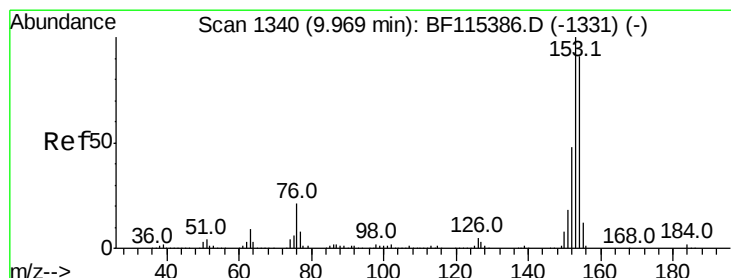
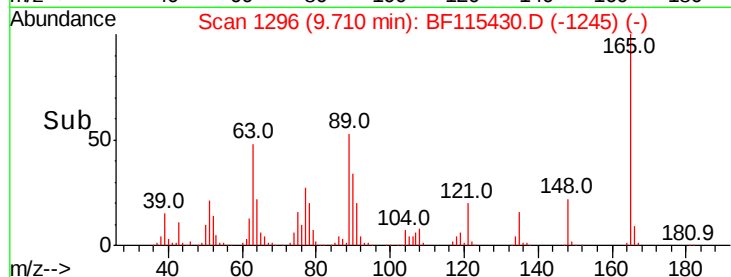
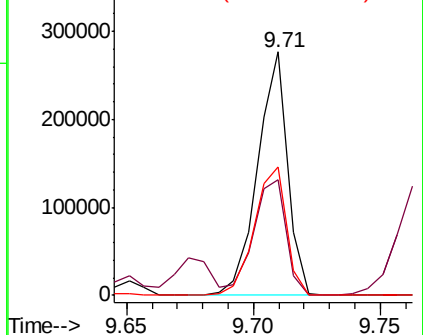
Tot Ion	Ratio	Resp	Lower	Upper
165	100	228153		
63	47.7		45.8	68.6
89	52.6		49.9	74.9

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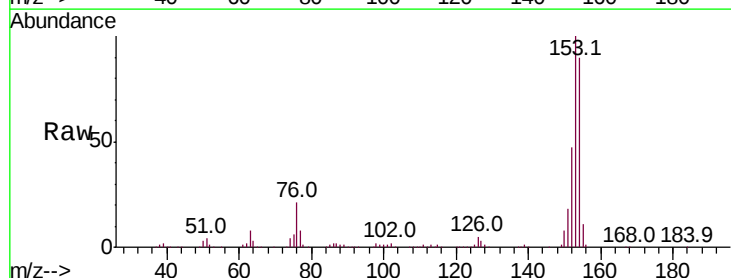


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

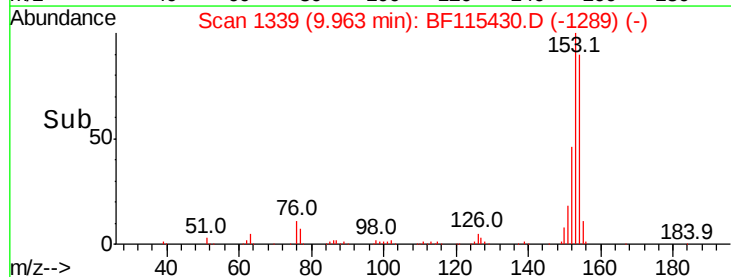
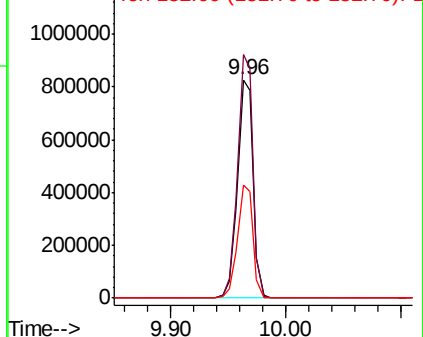


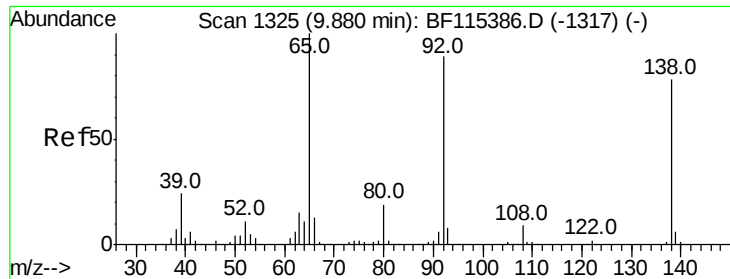
#52
 Acenaphthene
 Concen: 35.104 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	774114		
153	111.5		87.9	131.9
152	52.0		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





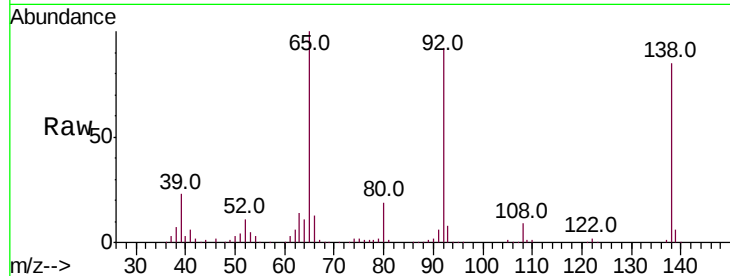
#53
3-Nitroaniline
Concen: 26.906 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.4
92	107.7	90.5	135.7

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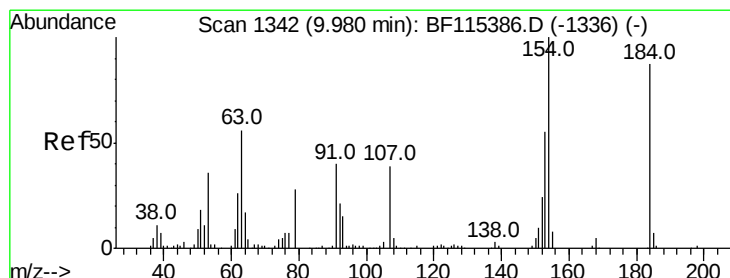
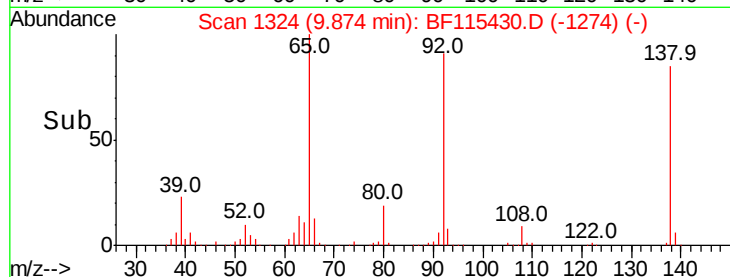
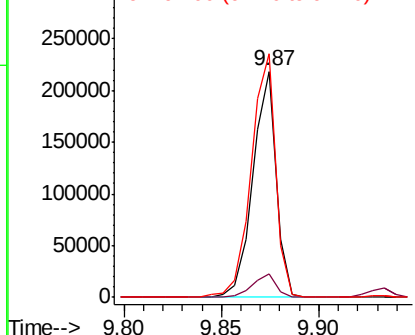


Abundance

Ion 138.00 (137.70 to 138.70): E

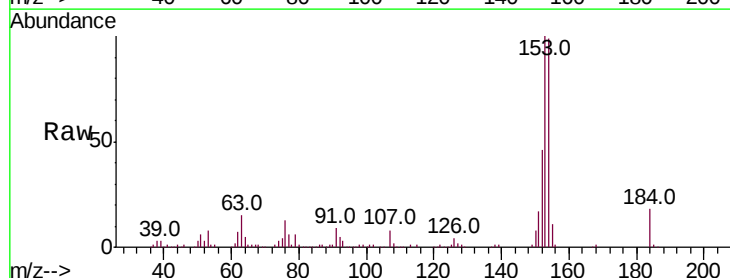
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 17.004 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.9	52.1	78.1#
154	548.2	97.7	146.5#

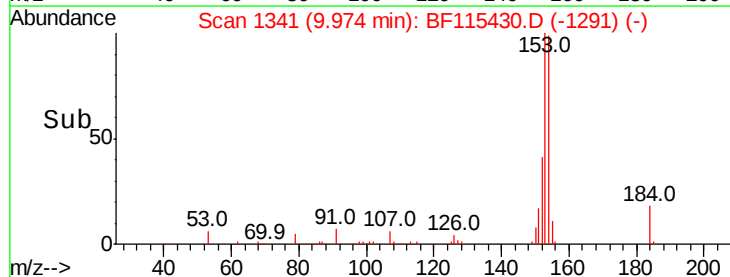
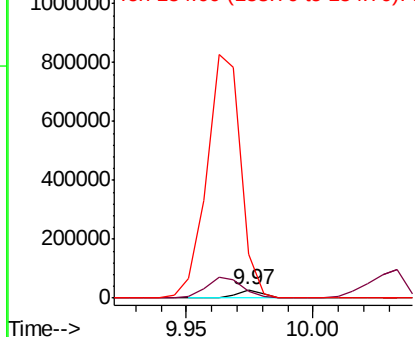


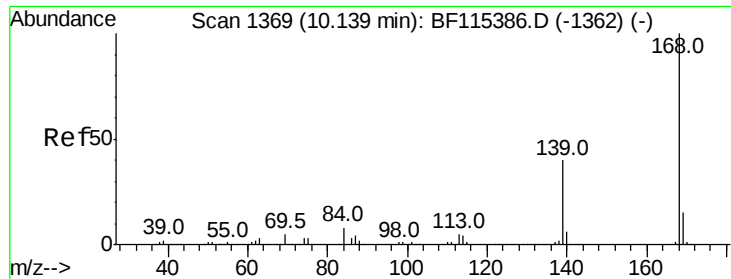
Abundance

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





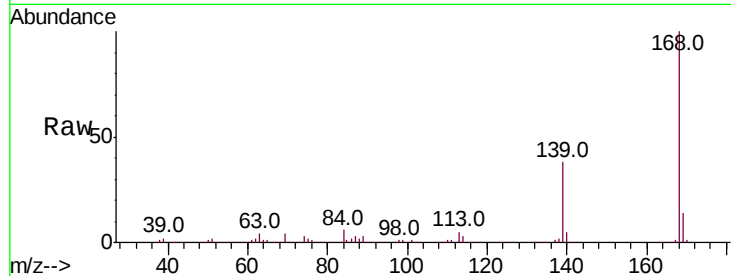
#55
Dibenzofuran
Concen: 36.709 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

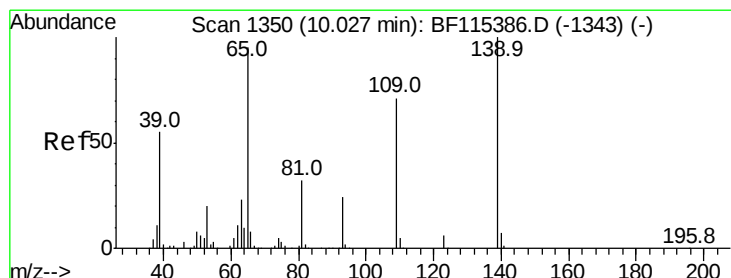
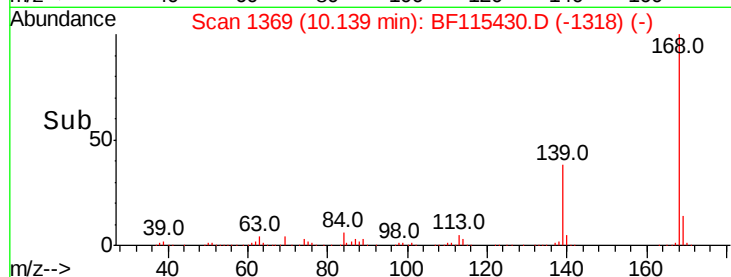
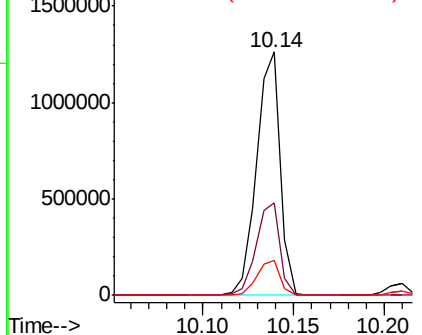
Tot Ion:168 Resp: 1140319
Ion Ratio Lower Upper
168 100
139 37.8 32.2 48.2
169 14.1 11.7 17.5

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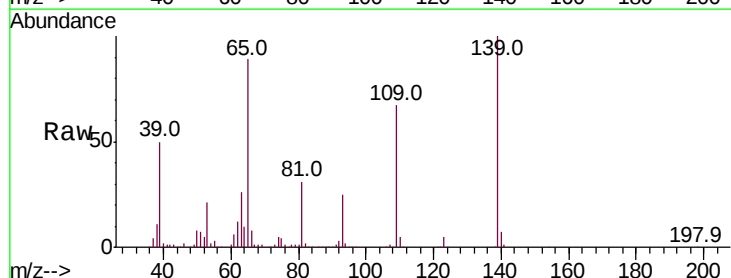


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

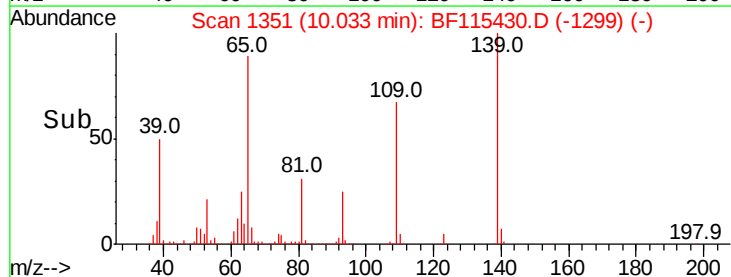
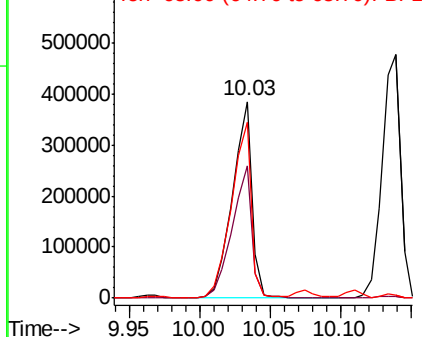


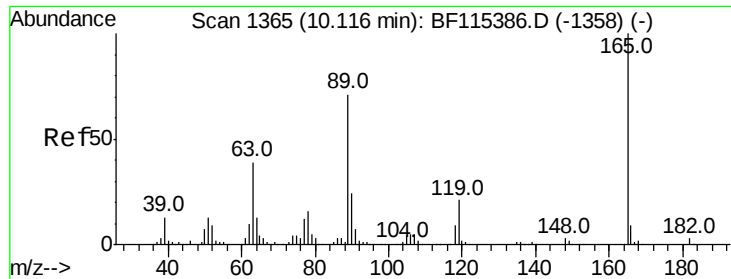
#56
4-Nitrophenol
Concen: 71.891 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion:139 Resp: 374562
Ion Ratio Lower Upper
139 100
109 67.2 51.1 91.1
65 89.1 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





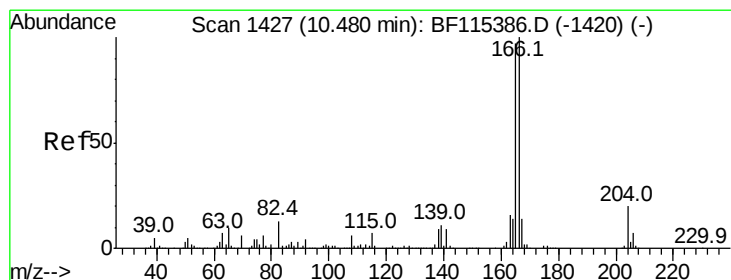
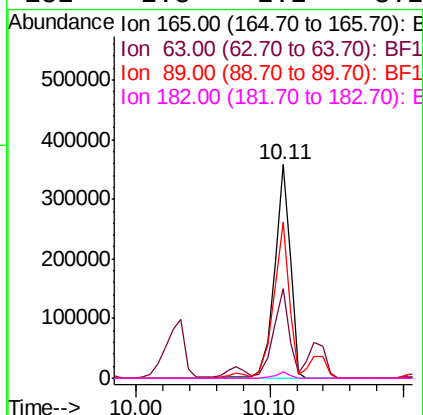
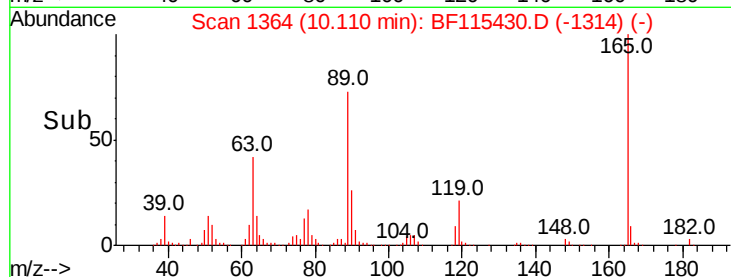
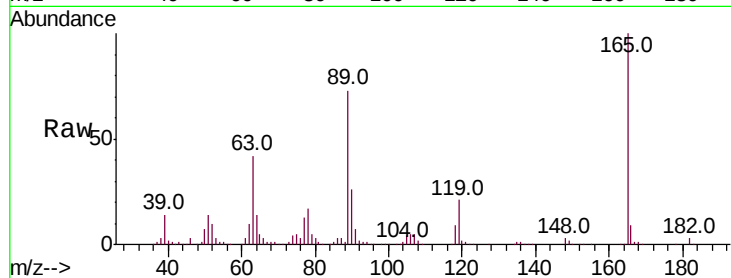
#57
2,4-Dinitrotoluene
Concen: 40.275 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.7	31.4	47.0
89	73.1	57.1	85.7
182	2.8	2.2	3.2

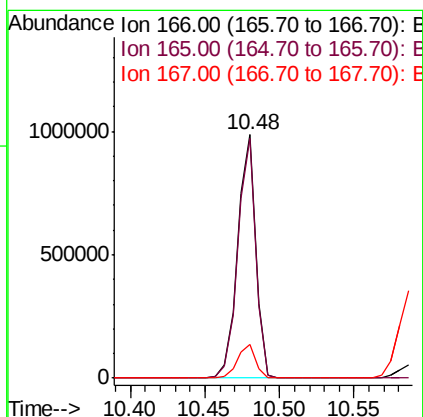
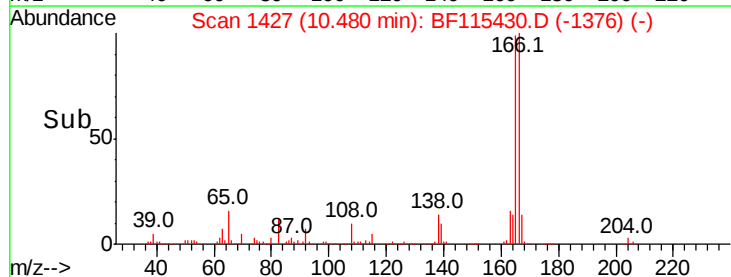
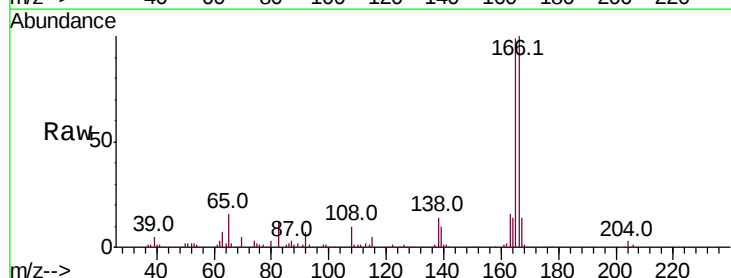
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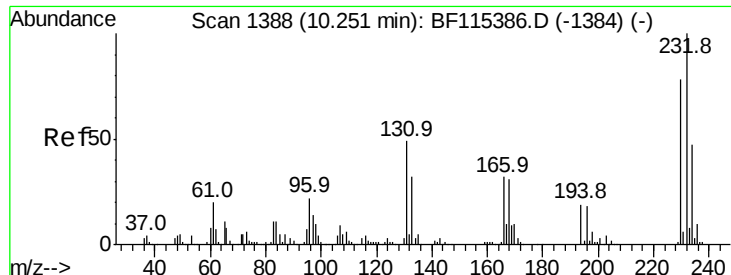
mohammad
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#58
Fluorene
Concen: 34.345 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.7	77.8	116.6
167	13.7	11.0	16.6





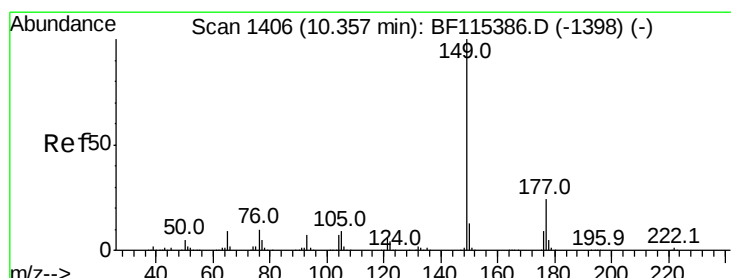
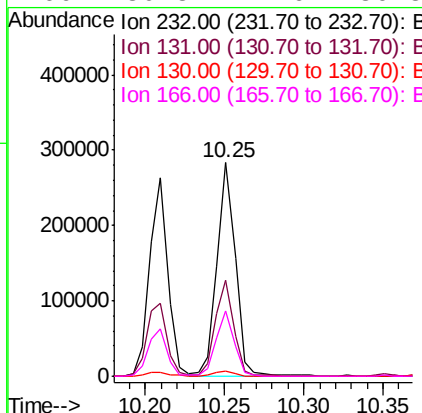
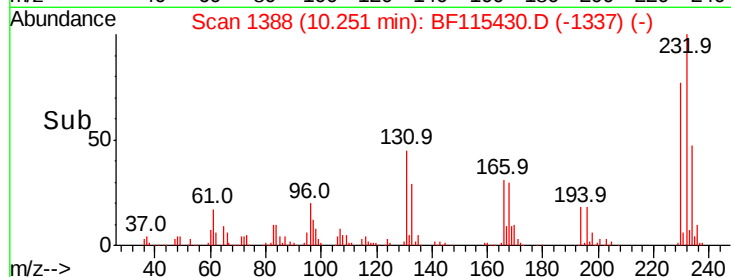
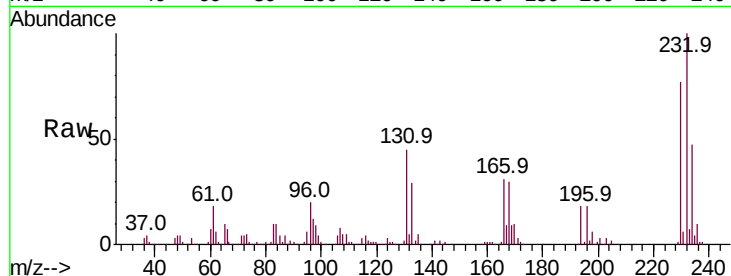
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.027 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	227384		
131	46.0		36.6	55.0
130	2.3		1.8	2.8
166	30.8		24.6	36.8

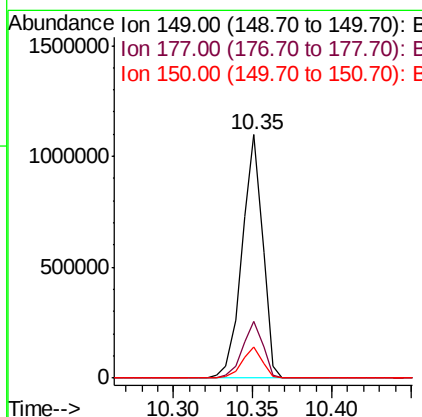
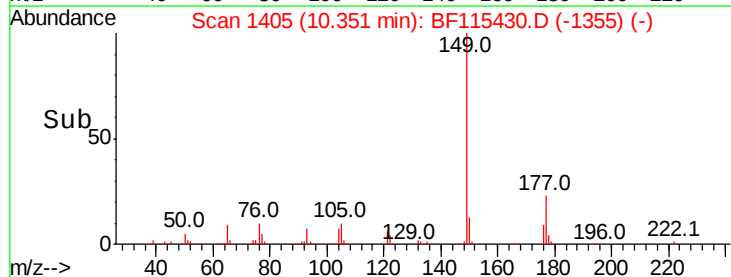
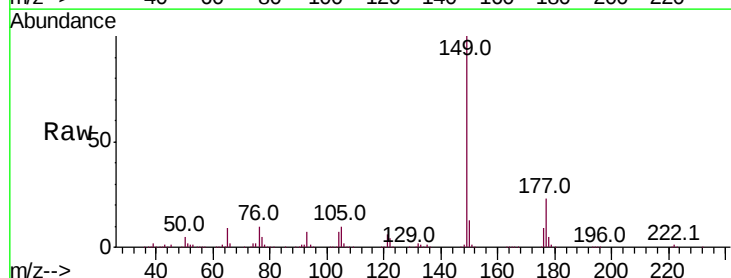
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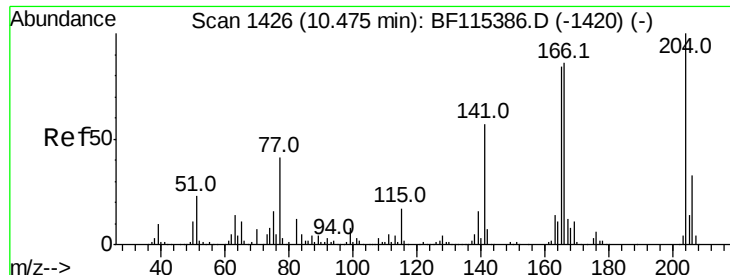
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#60
 Diethylphthalate
 Concen: 37.322 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	982106		
177	23.5		18.8	28.2
150	12.8		10.2	15.2





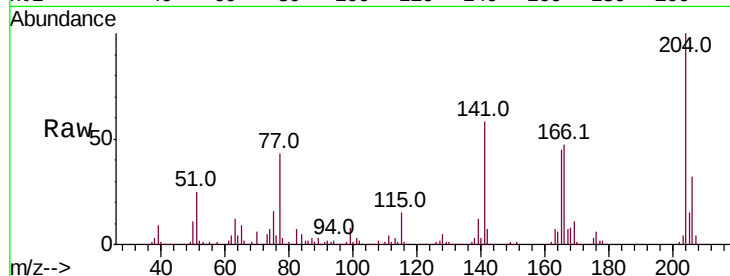
#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.1	39.1
141	57.8	45.8	68.6

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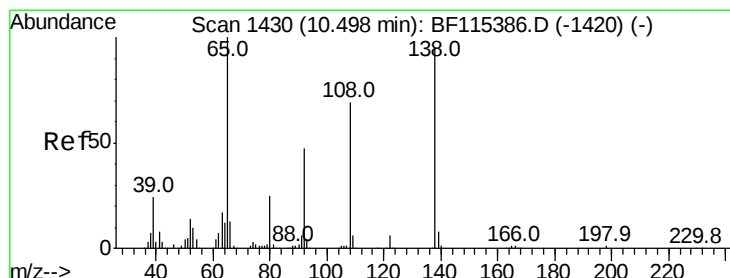
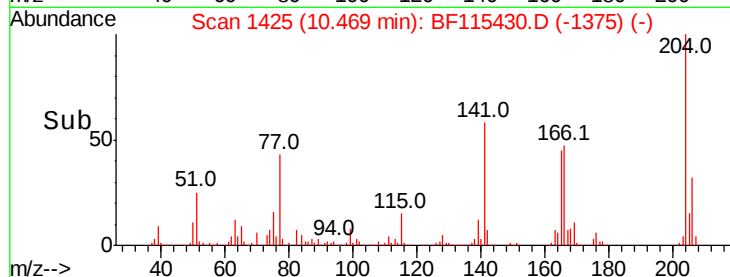
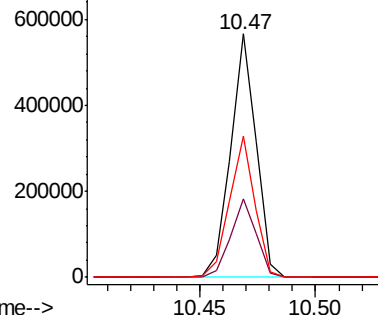


Abundance

Ion 204.00 (203.70 to 204.70): E

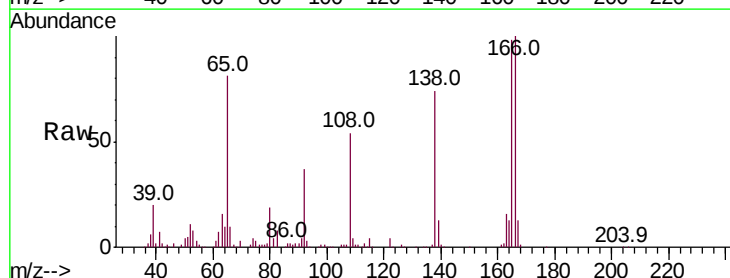
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.742 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.3	69.3
108	72.7	53.2	93.2

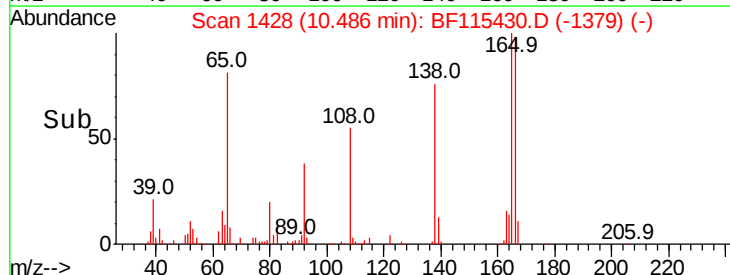
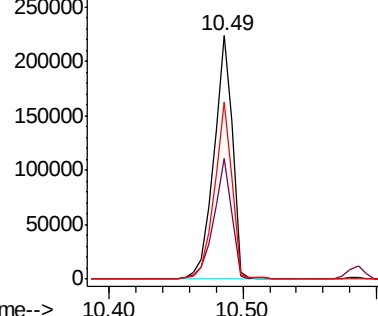


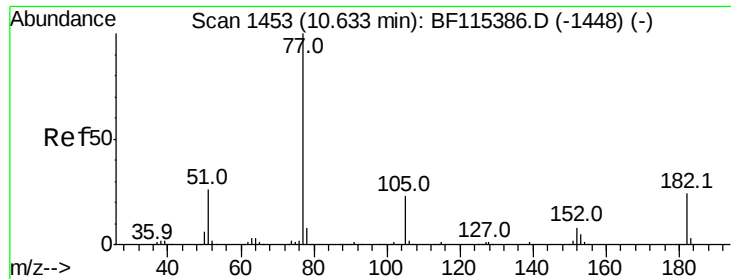
Abundance

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





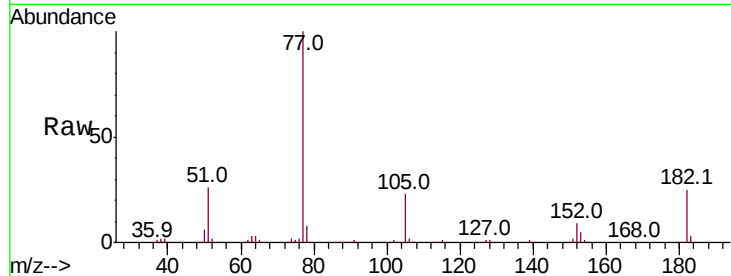
#63
Azobenzene
Concen: 35.202 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

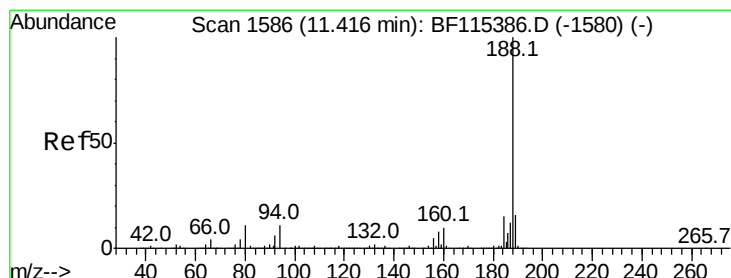
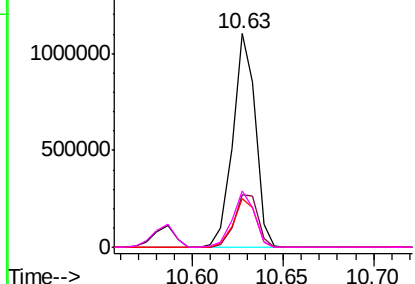
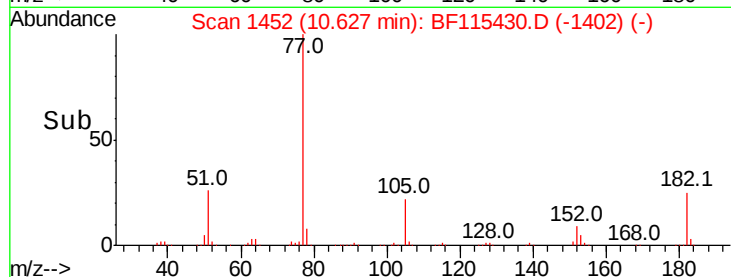
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		954875		
182	24.6	4.1	44.1		
105	22.6	2.6	42.6		
51	26.5	6.4	46.4		

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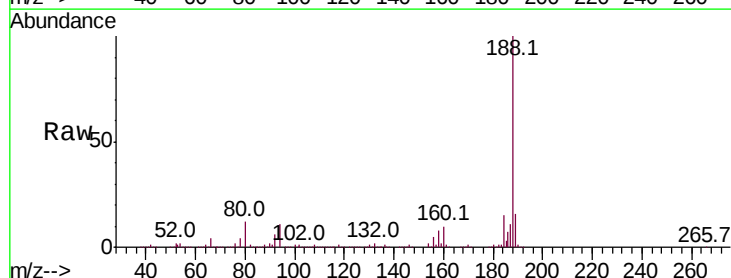


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

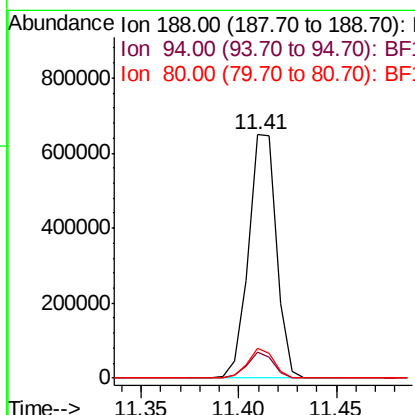
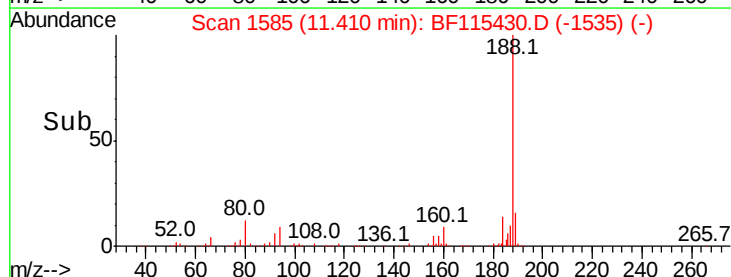


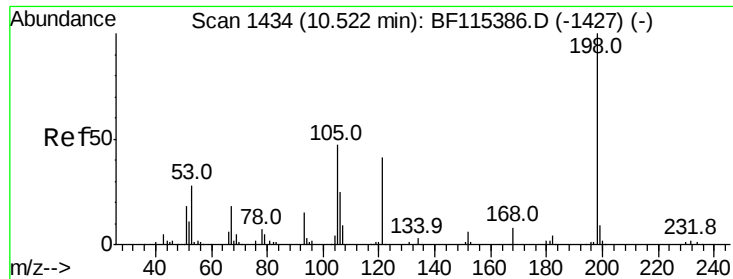
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		643765		
94	10.8	8.5	12.7		
80	12.5	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: 19.679 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

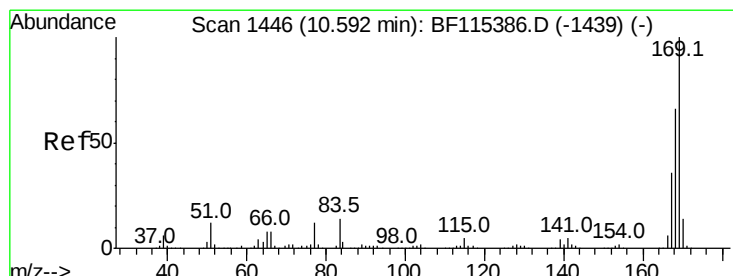
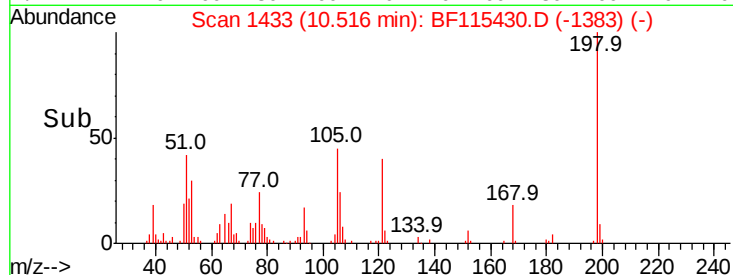
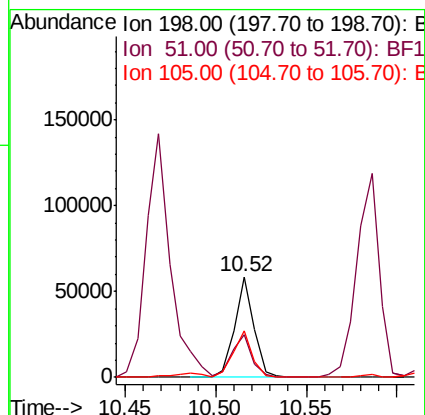
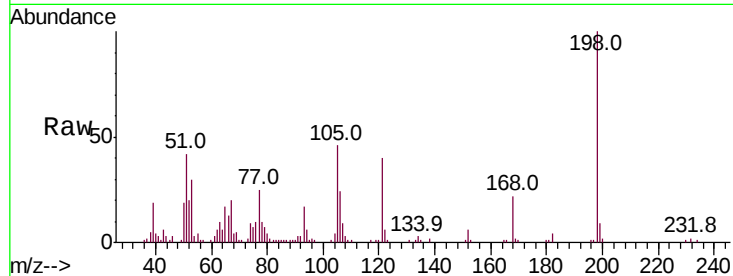
ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:	198	Resp:	43675
Ion Ratio	Lower	Upper	
198	100		
51	42.5	25.4	65.4
105	46.1	27.9	67.9

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#66

n-Nitrosodiphenylamine

Concen: 39.948 ng

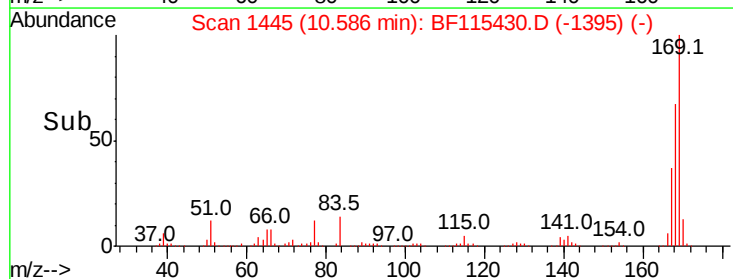
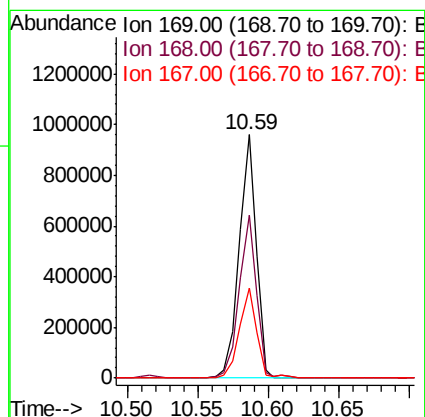
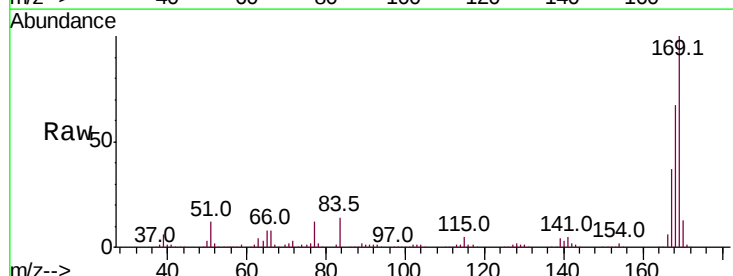
RT: 10.59 min Scan# 1445

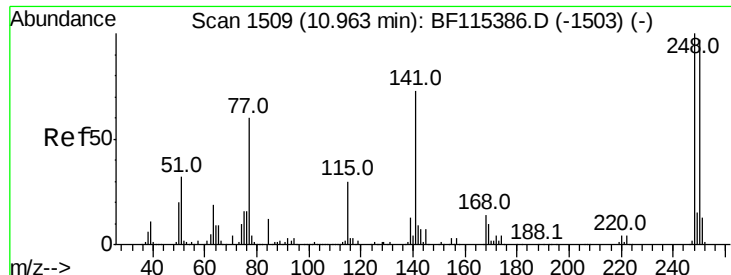
Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tgt Ion:	169	Resp:	810305
Ion Ratio	Lower	Upper	
169	100		
168	67.1	52.6	79.0
167	36.9	29.2	43.8





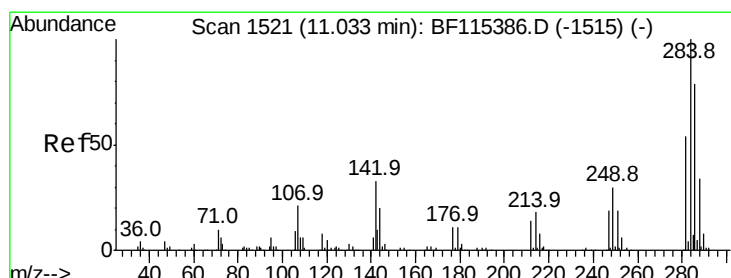
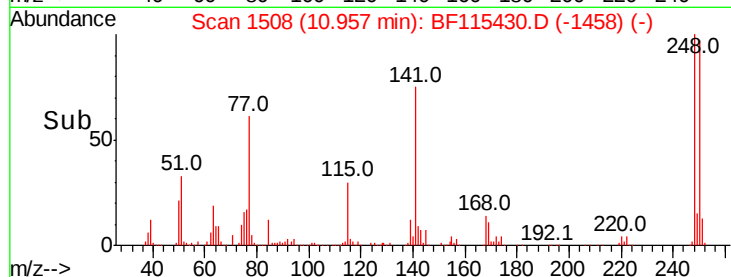
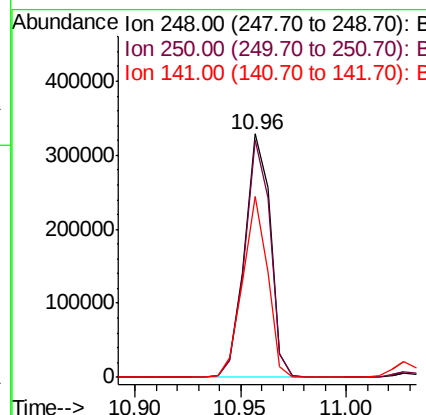
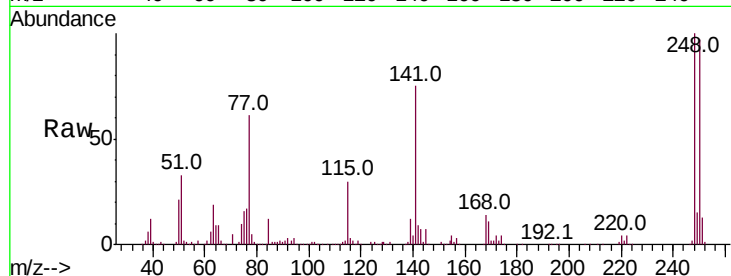
#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.3	115.9
141	74.5	58.5	87.7

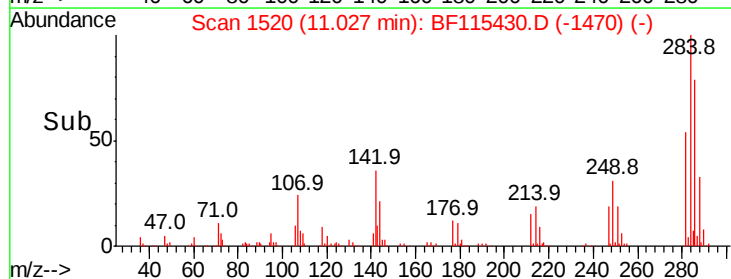
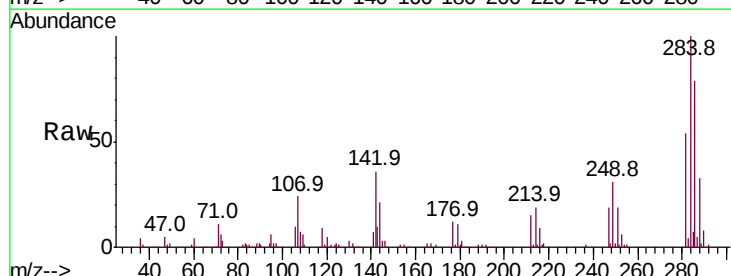
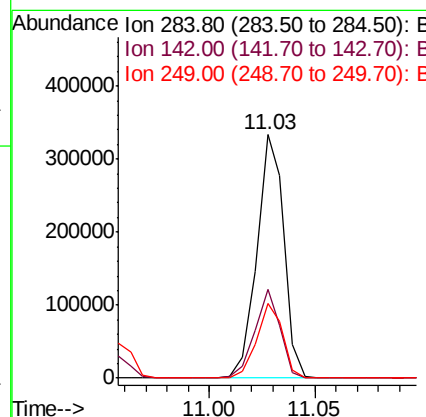
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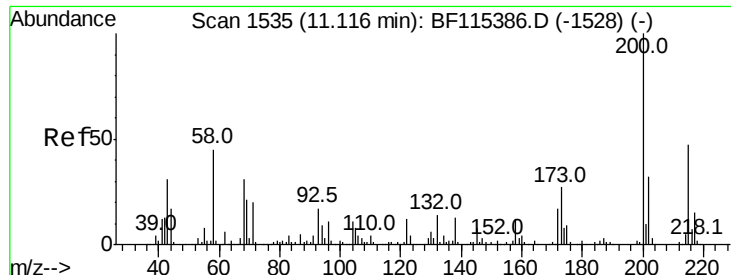
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#68
Hexachlorobenzene
Concen: 36.443 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	26.5	39.7
249	30.8	24.2	36.2





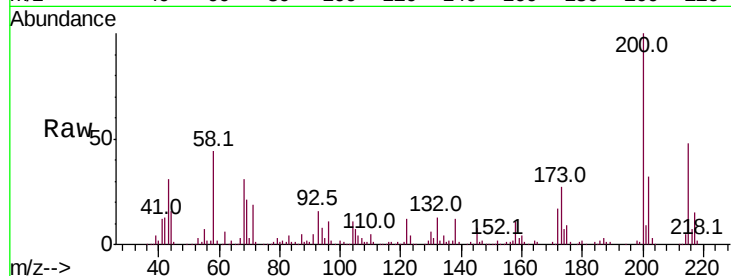
#69
Atrazine
Concen: 42.447 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	7.1	47.1
215	47.9	27.5	67.5

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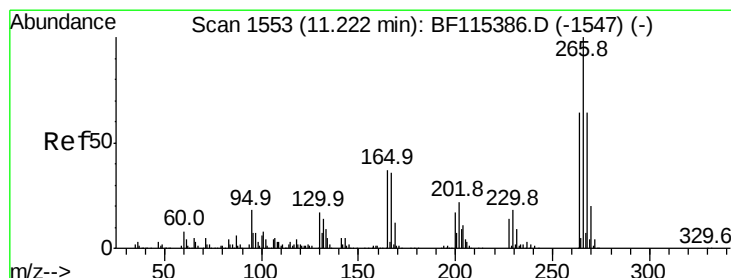
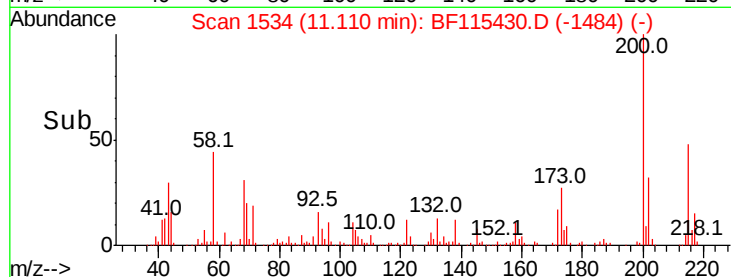
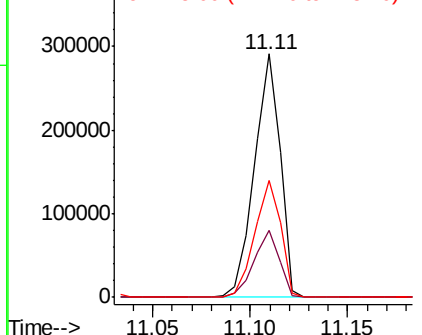


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 52.434 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

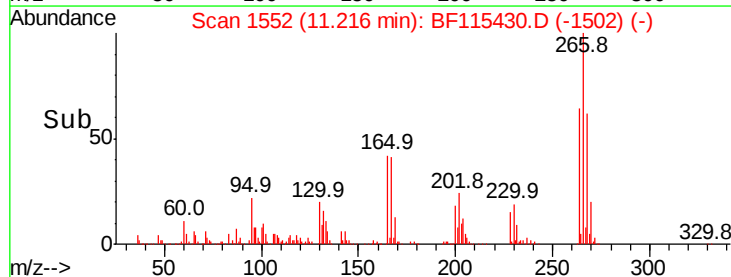
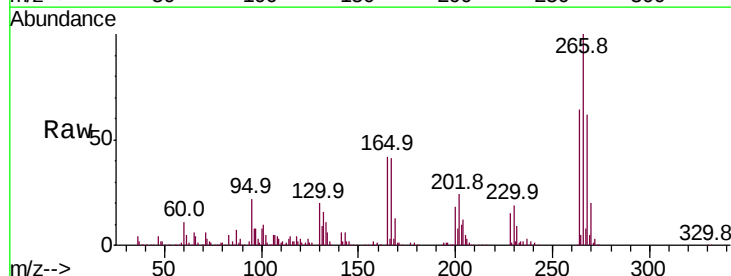
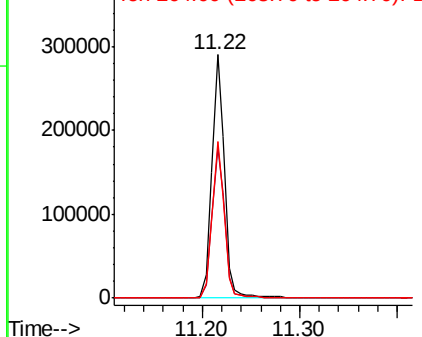
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.8	51.3	76.9
264	64.4	51.6	77.4

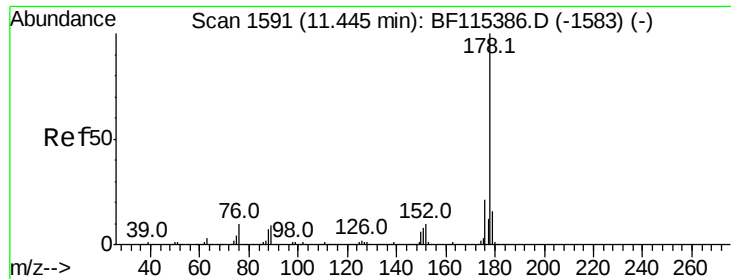
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.036 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:178 Resp: 1253937

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

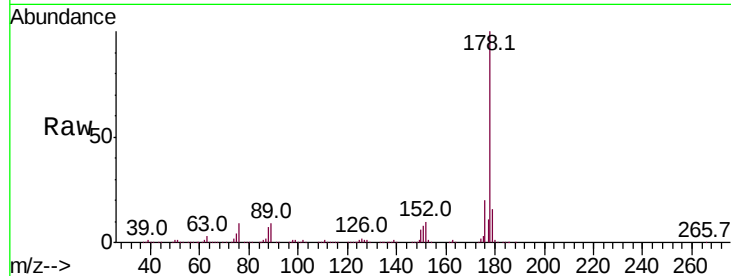
179 15.9 13.0 19.6

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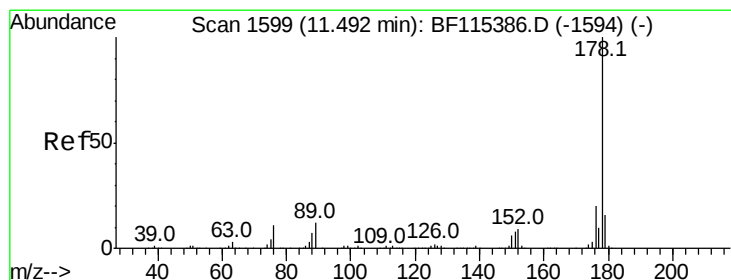
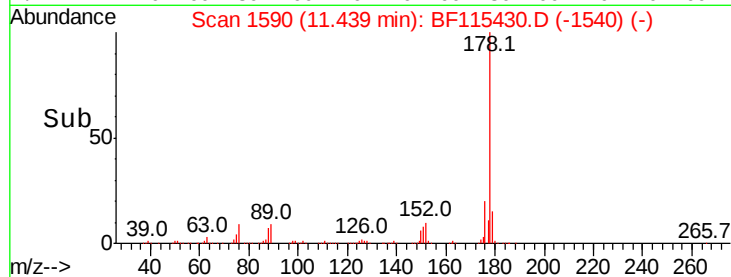
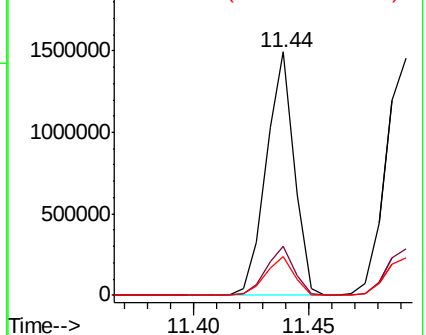
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.719 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tgt Ion:178 Resp: 1280596

Ion Ratio Lower Upper

178 100

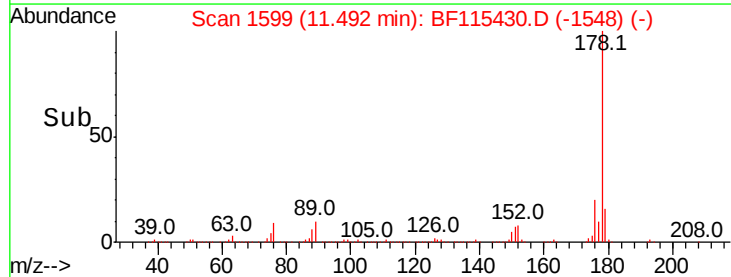
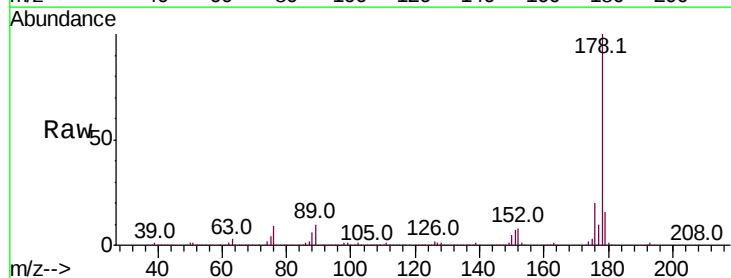
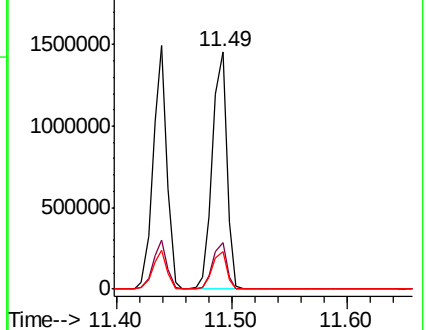
176 19.7 16.0 24.0

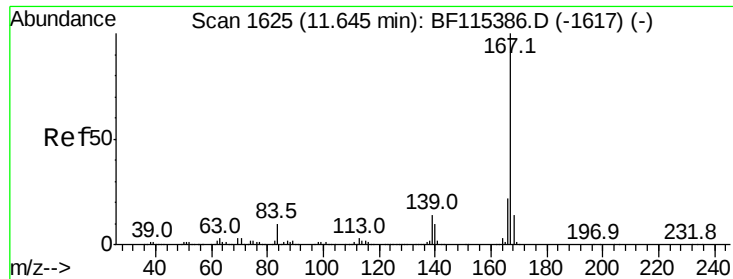
179 15.8 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





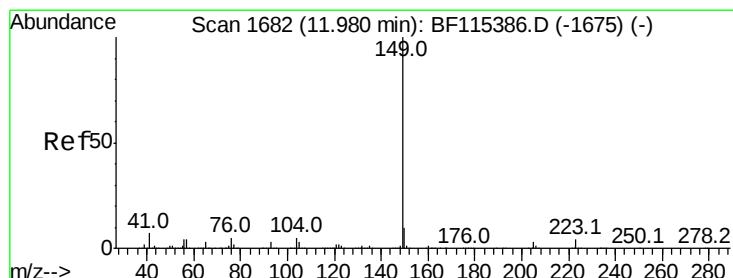
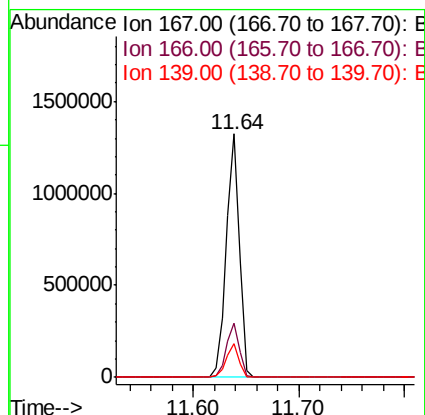
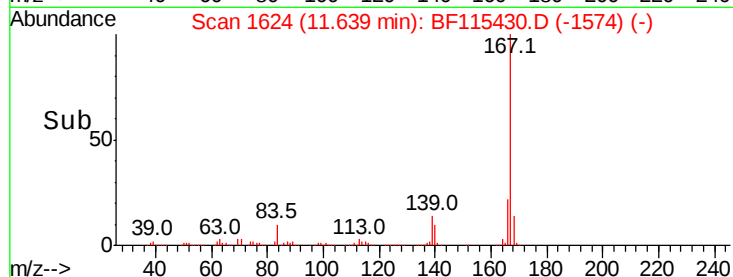
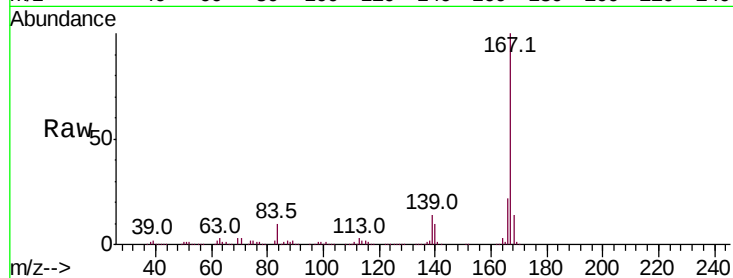
#73
 Carbazole
 Concen: 36.939 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion:167 Resp: 1147327
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 13.7 11.0 16.6

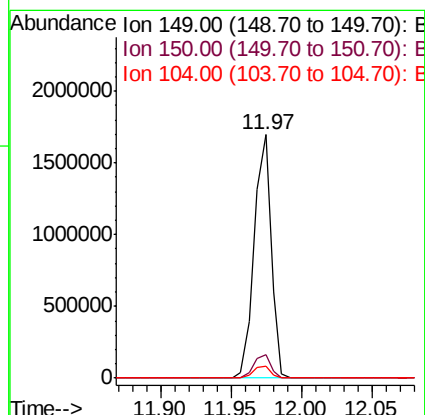
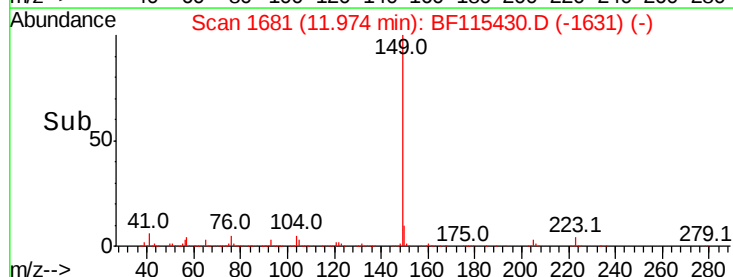
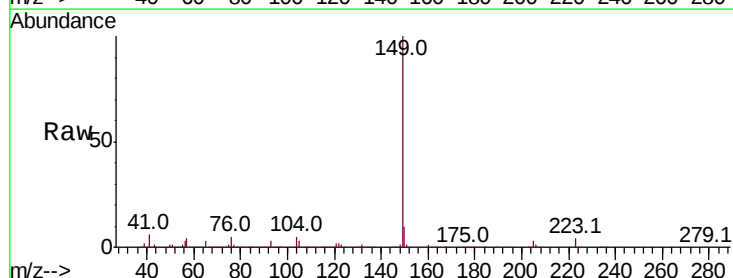
Manual Integrations
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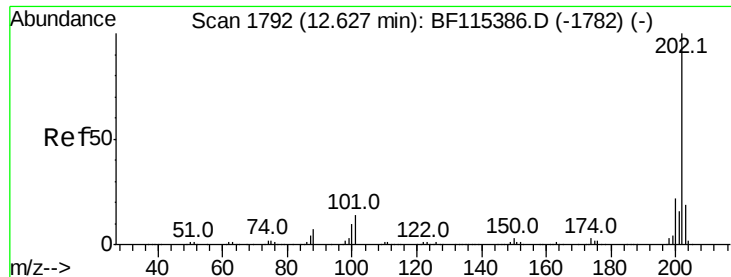
mohammad
 7/10/2019 9:04:48 AM



#74
 Di-n-butylphthalate
 Concen: 38.565 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion:149 Resp: 1447637
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 5.0 4.4 6.6





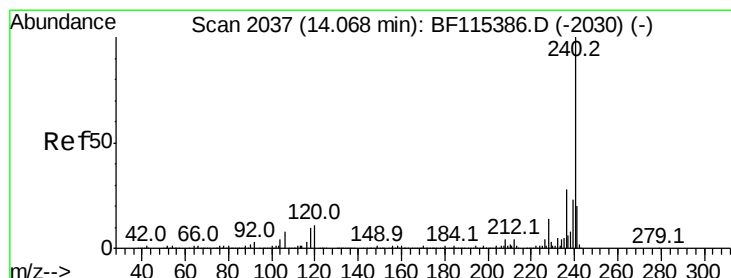
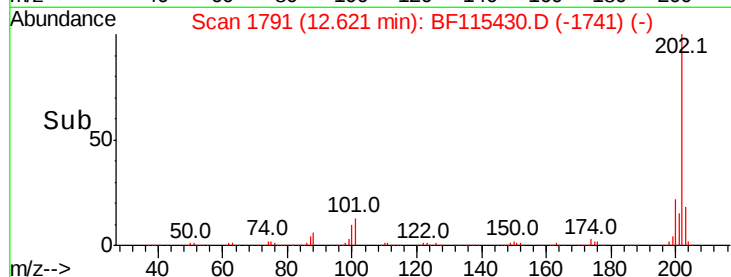
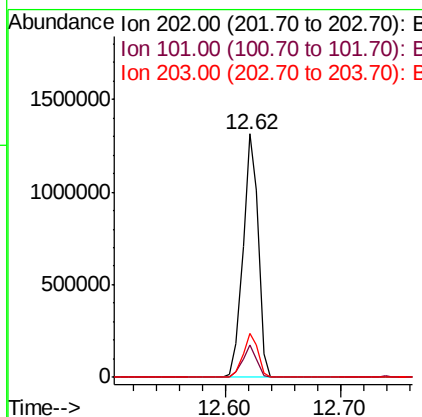
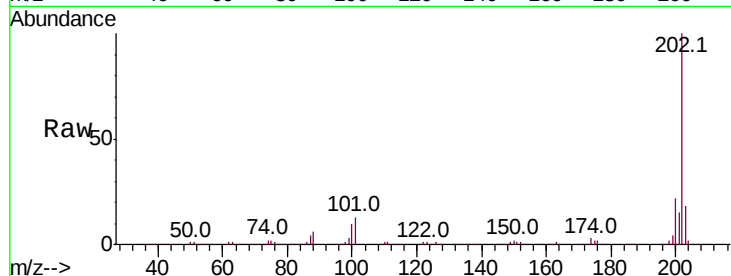
#75
Fluoranthene
Concen: 33.435 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.0
203	18.3	0.0	38.5

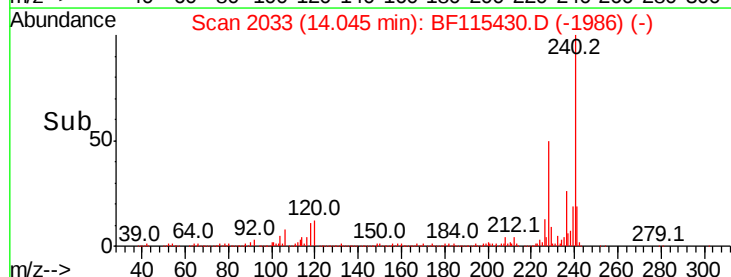
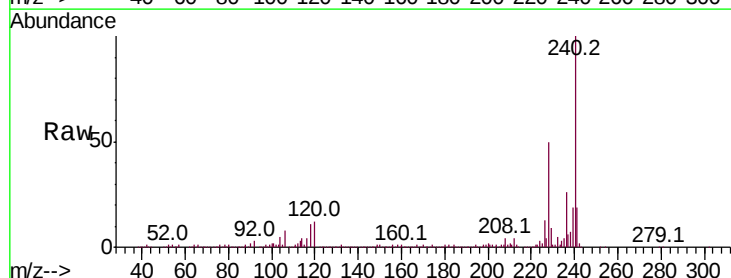
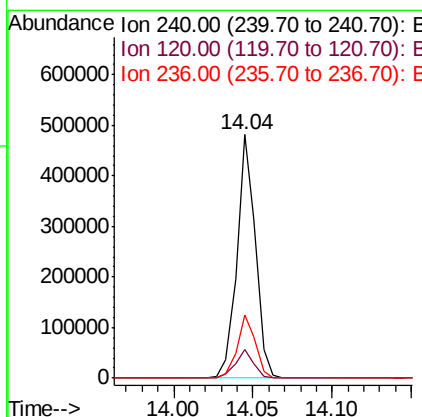
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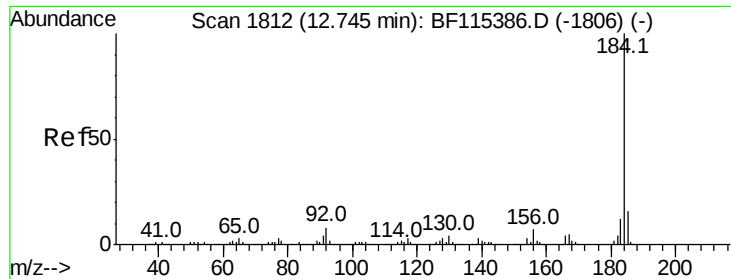
mohammad
7/10/2019 9:04:48 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	25.9	22.5	33.7





#77

Benzidine

Concen: 45.687 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:184 Resp: 690211

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

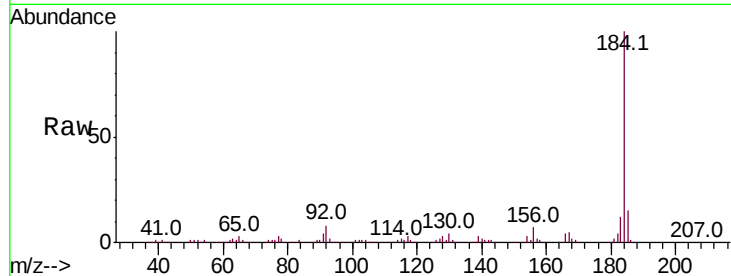
183 11.6 9.4 14.0

Manual Integrations

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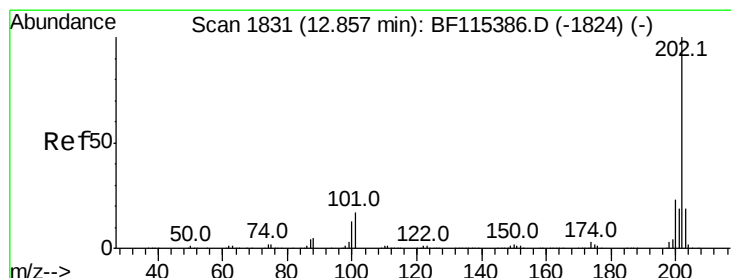
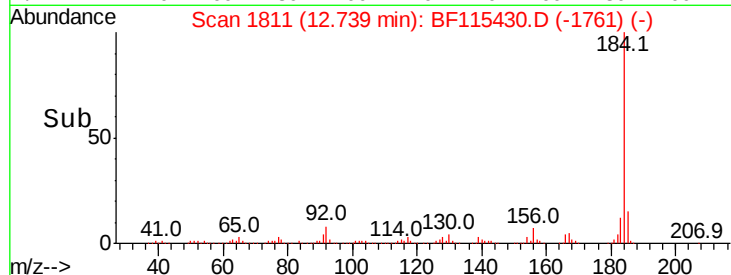
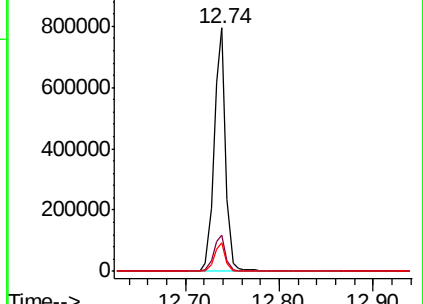
7/10/2019 9:04:48 AM



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: 38.609 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

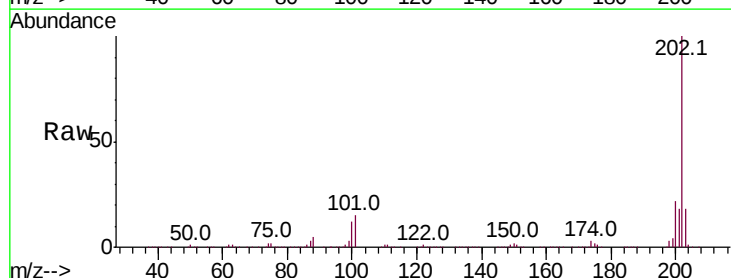
Tgt Ion:202 Resp: 1163151

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.4

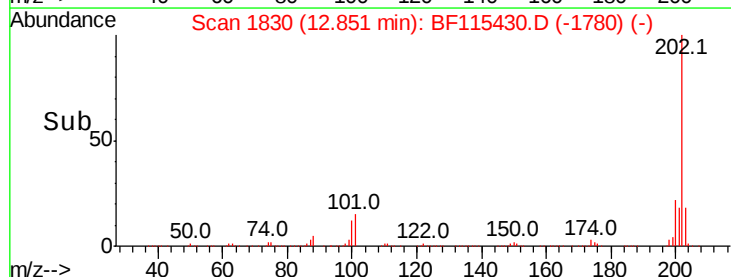
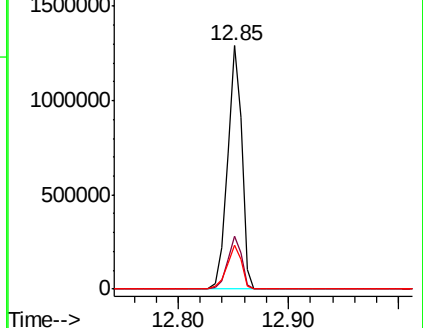
203 18.0 14.8 22.2

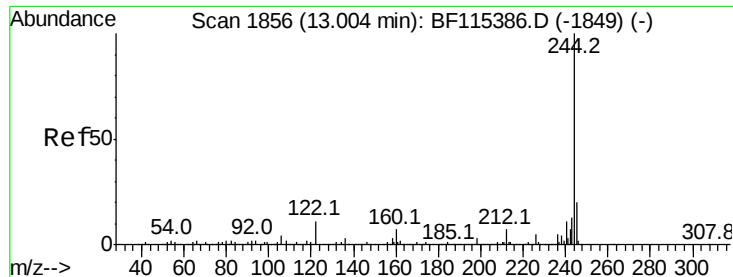


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





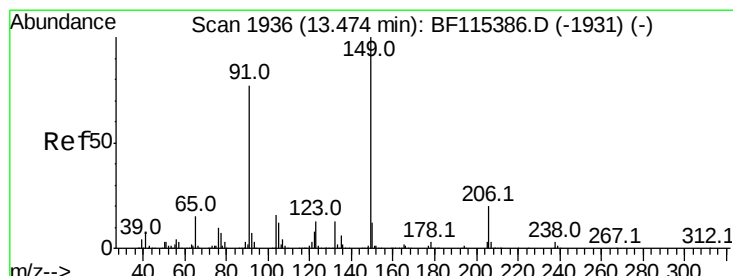
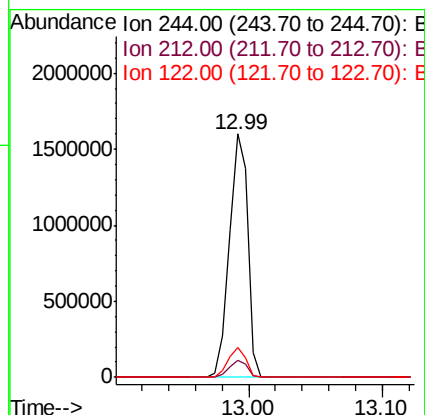
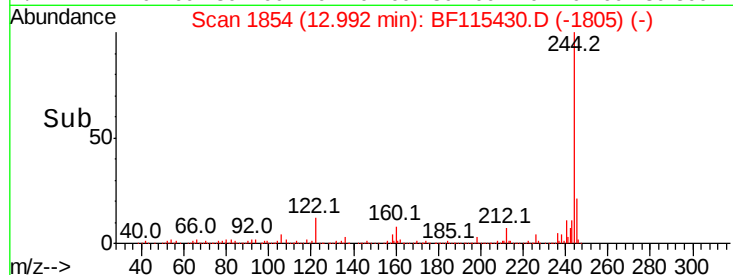
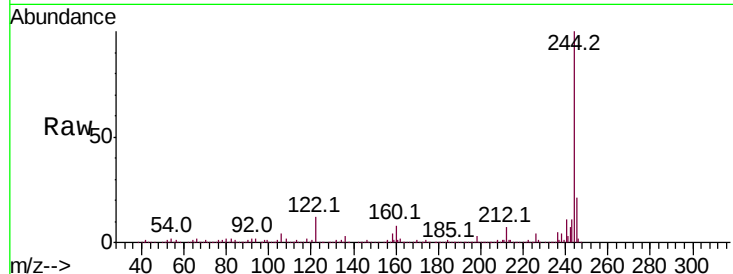
#79
 Terphenyl-d14
 Concen: 82.593 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion:244 Resp: 1562717
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 12.4 9.1 13.7

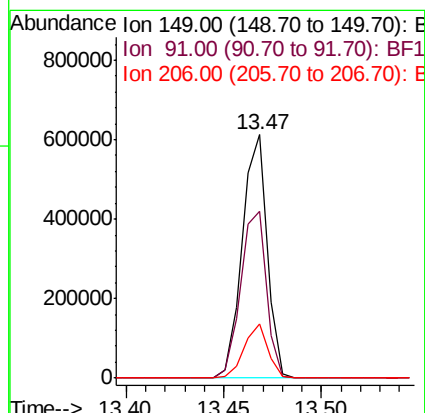
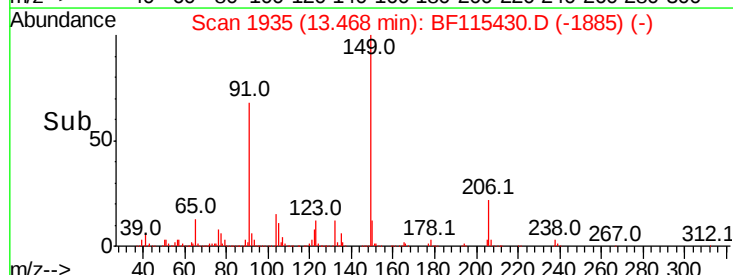
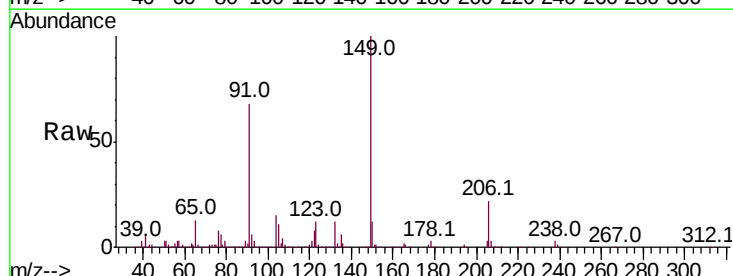
Manual Integrations
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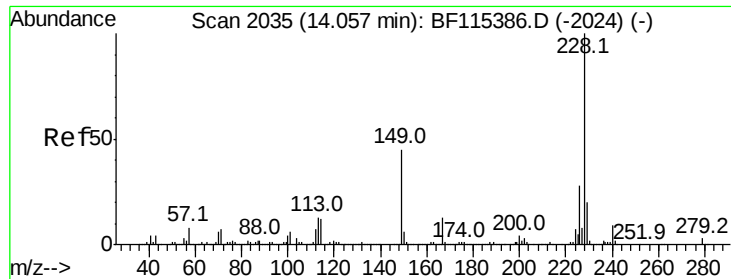
mohammad
 7/10/2019 9:04:48 AM



#80
 Butylbenzylphthalate
 Concen: 41.096 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion:149 Resp: 540939
 Ion Ratio Lower Upper
 149 100
 91 68.4 61.4 92.0
 206 22.3 16.1 24.1





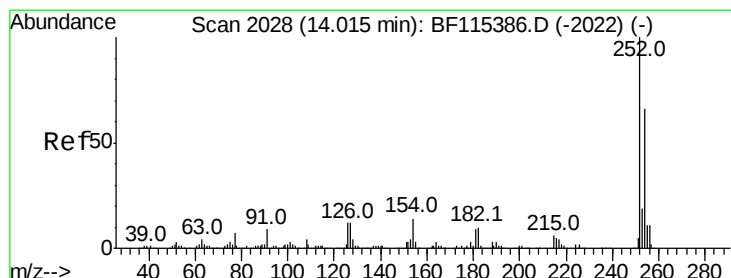
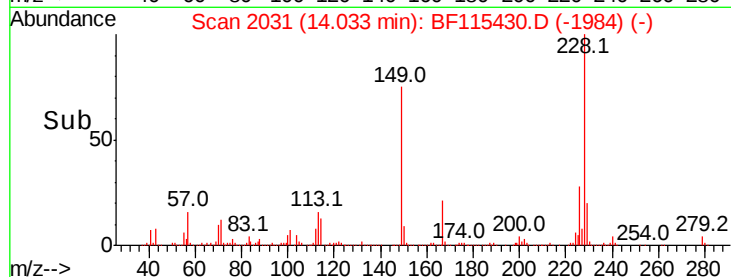
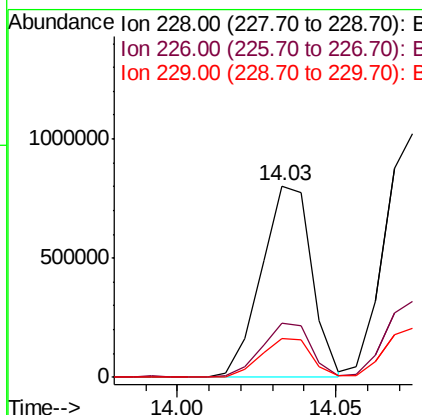
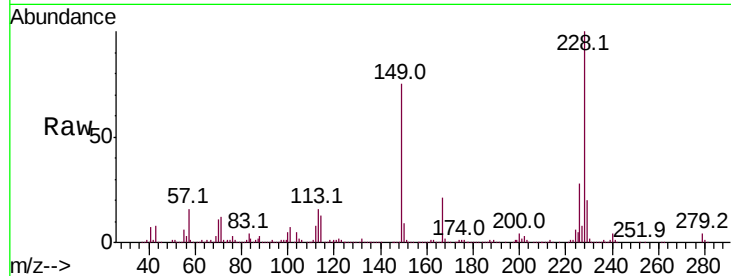
#81
Benzo(a)anthracene
Concen: 35.742 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.3	16.3	24.5

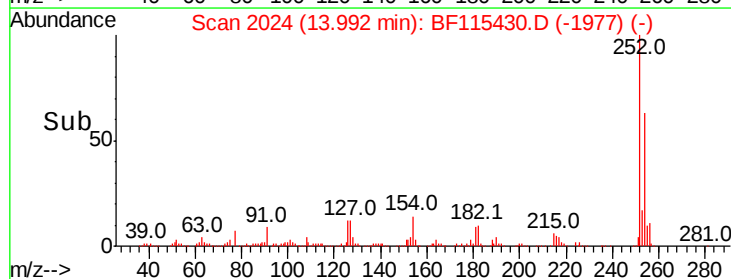
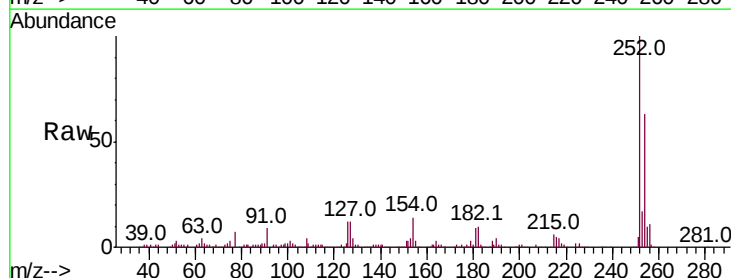
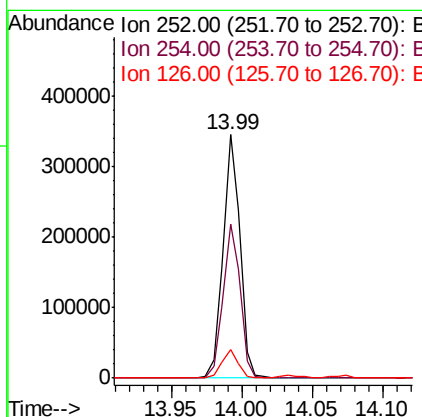
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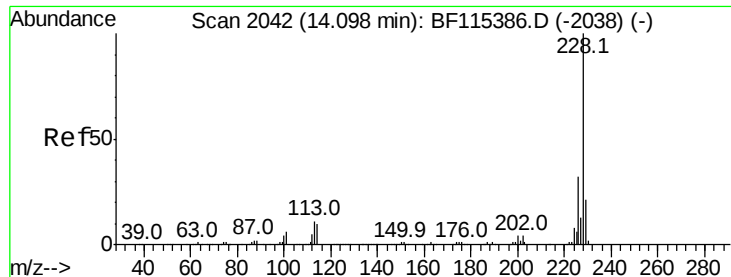
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 31.995 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.0	79.4
126	11.9	9.8	14.8





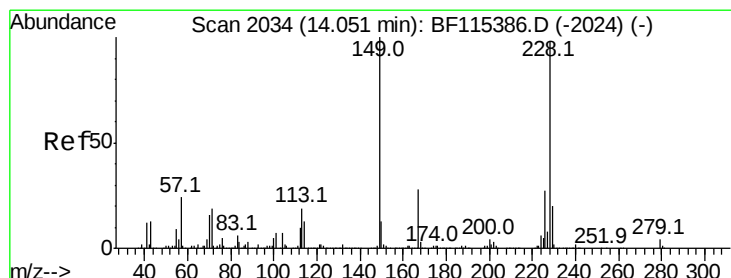
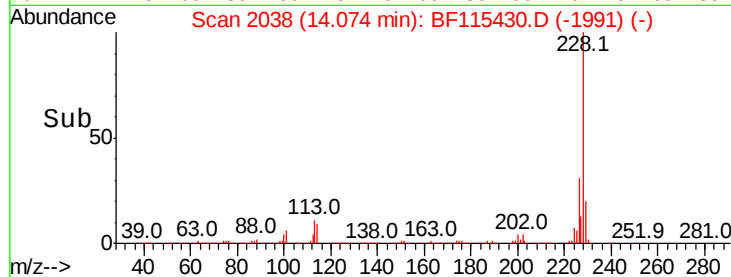
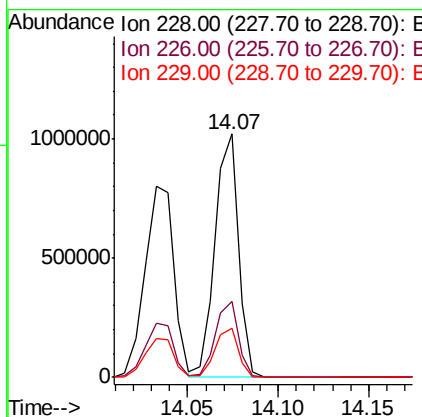
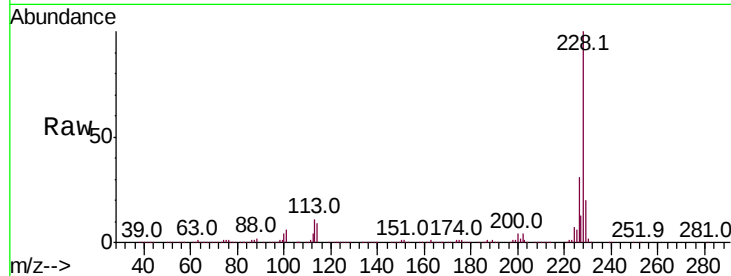
#83
 Chrvsene
 Concen: 35.870 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.1	16.6	25.0

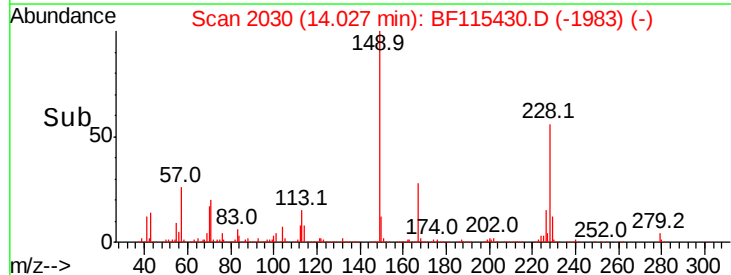
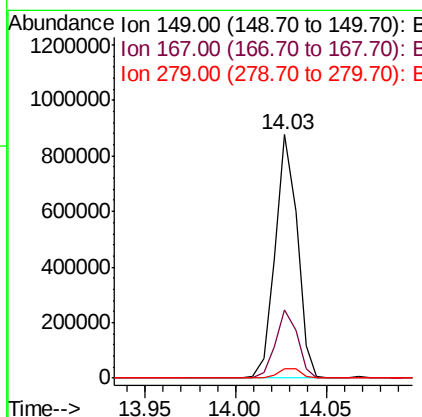
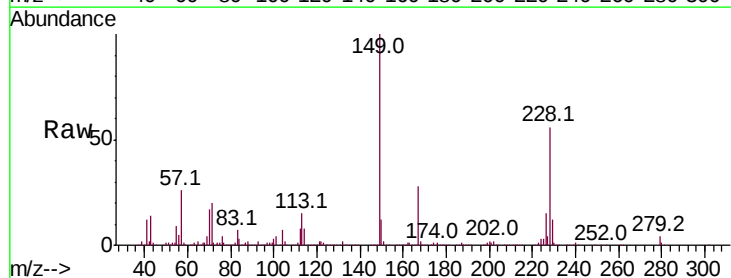
Manual Integrations
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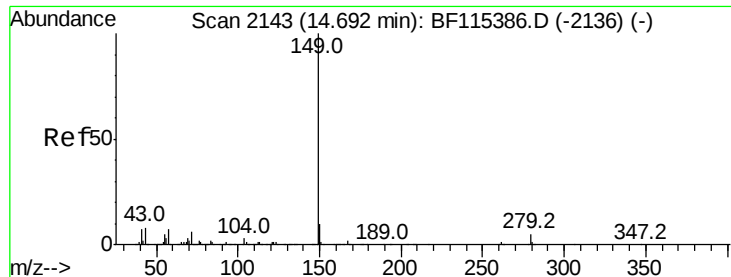
mohammad
 7/10/2019 9:04:48 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.596 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115430.D
 Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.0	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 41.420 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.05 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:149 Resp: 1201987

Ion Ratio Lower Upper

149 100

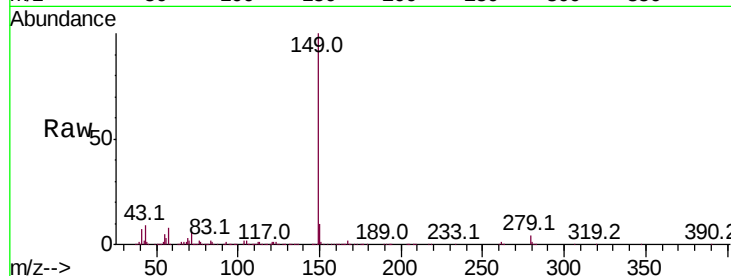
167 1.7 1.3 1.9

43 9.0 7.6 11.4

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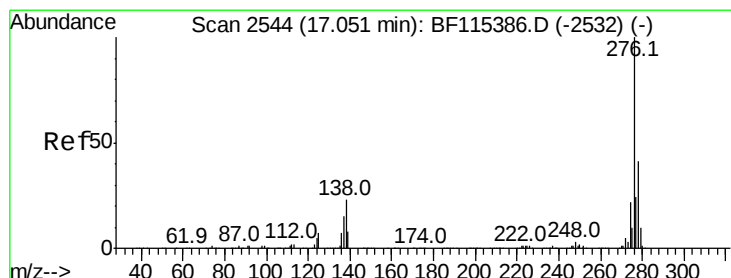
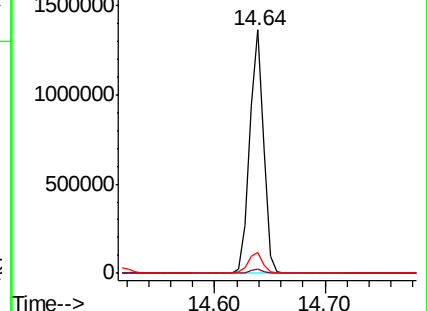
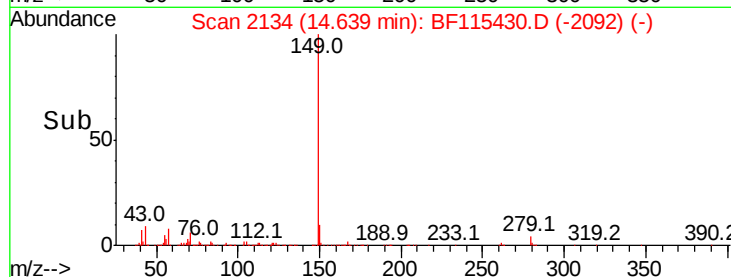
7/10/2019 9:04:48 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.475 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.06 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

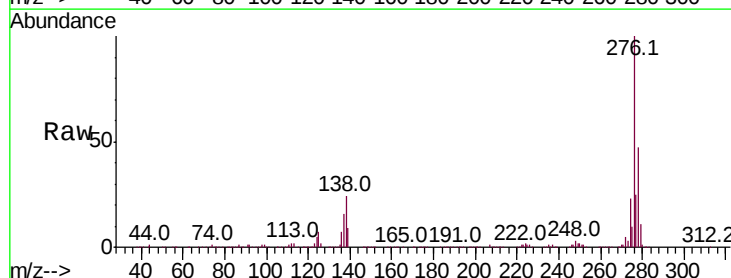
Tgt Ion:276 Resp: 930458

Ion Ratio Lower Upper

276 100

138 25.8 0.0 0.0#

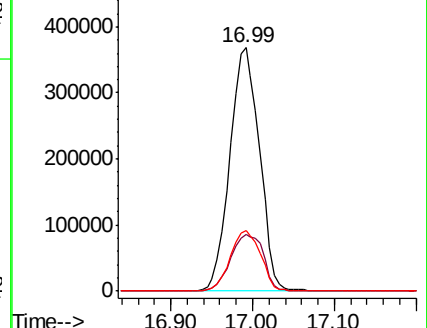
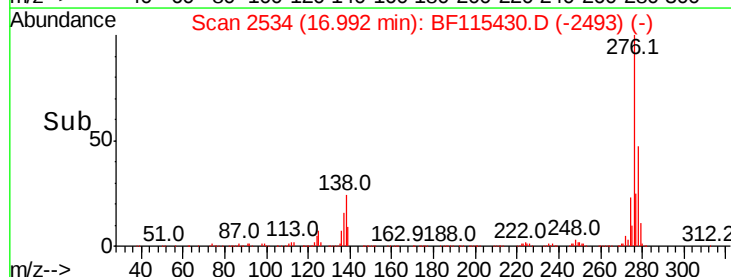
277 25.5 0.0 0.0#

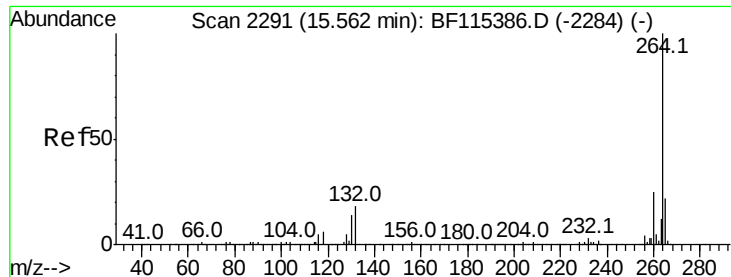


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.05 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Instrument :

BNA_F

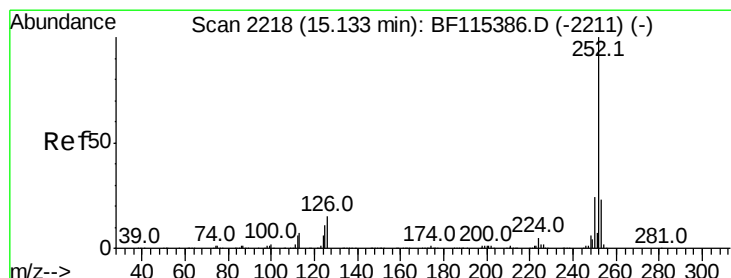
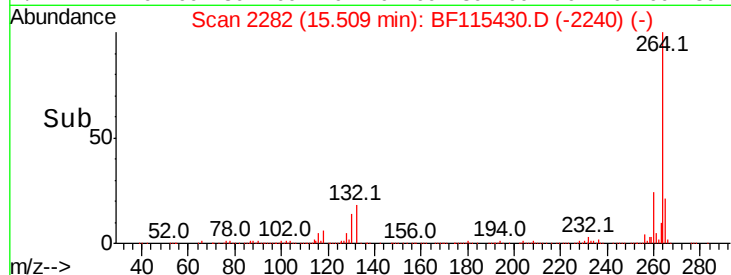
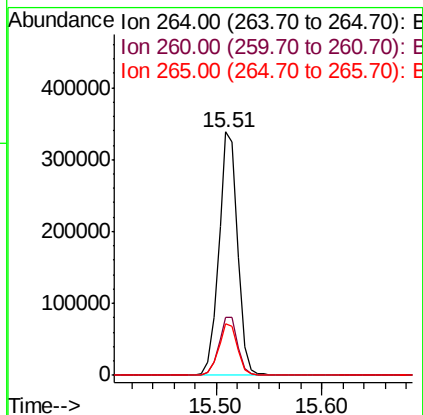
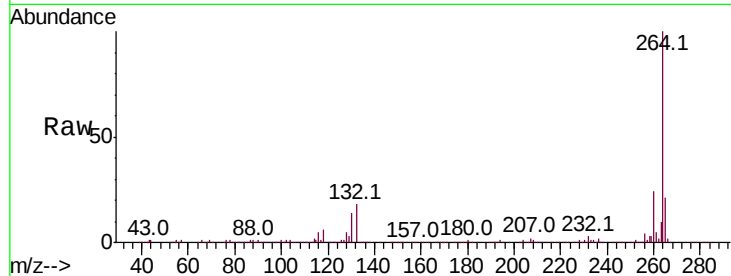
ClientSampleId :

TRANSFORMER-T2MS

Tot Ion:	264	Resp:	420618
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.9	29.9
265	21.4	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 33.678 ng

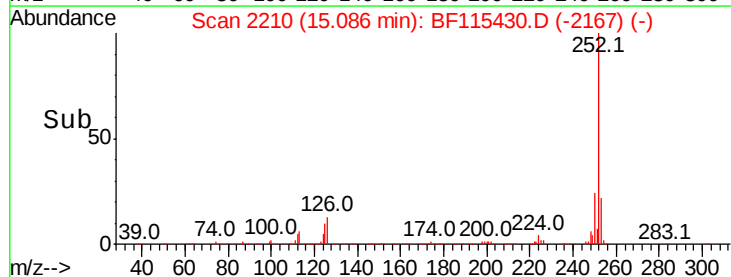
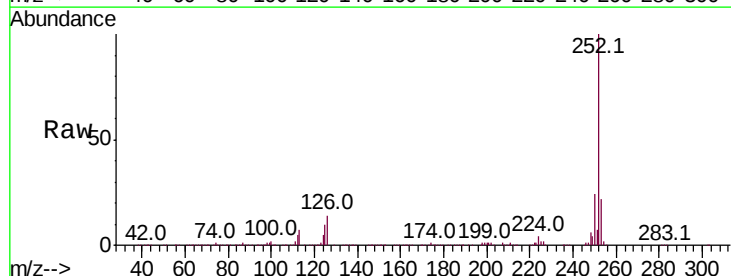
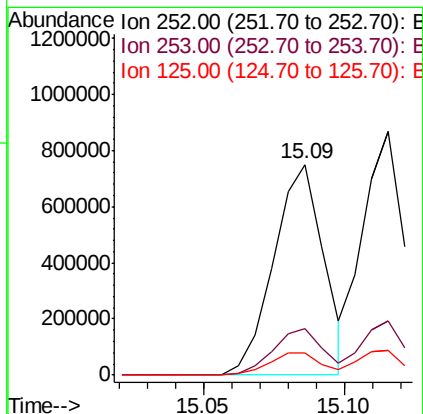
RT: 15.09 min Scan# 2210

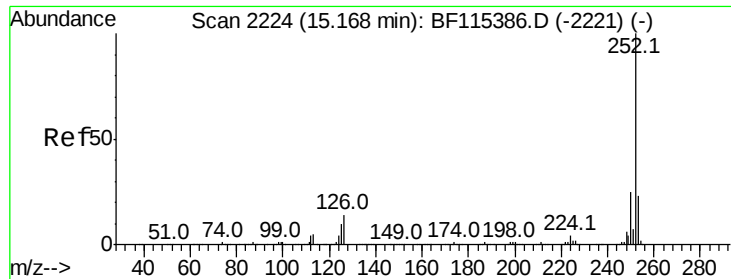
Delta R.T. -0.05 min

Lab File: BF115430.D

Acq: 9 Jul 2019 2:30

Tgt Ion:	252	Resp:	922298
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	10.4	9.0	13.6





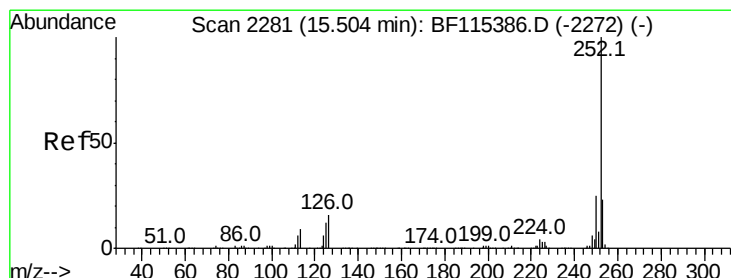
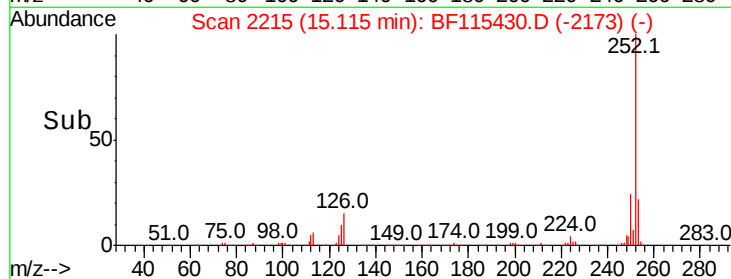
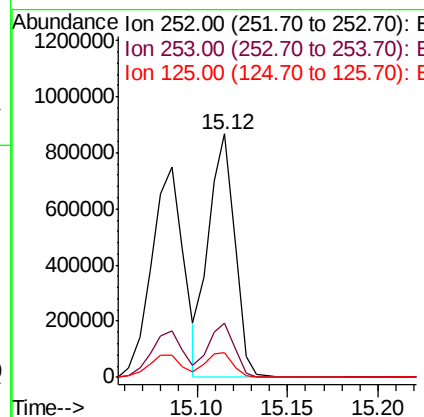
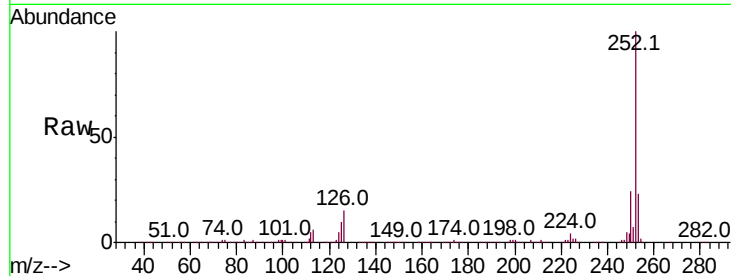
#89
Benzo(k)fluoranthene
Concen: 35.875 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.05 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	10.3	8.3	12.5

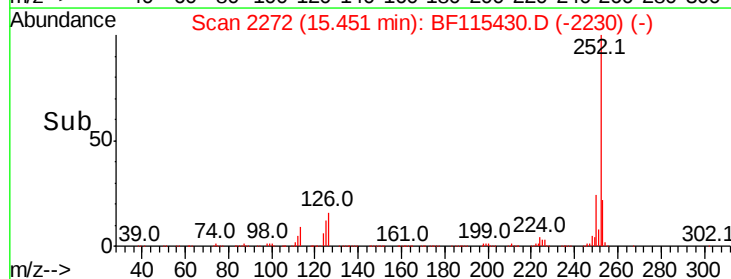
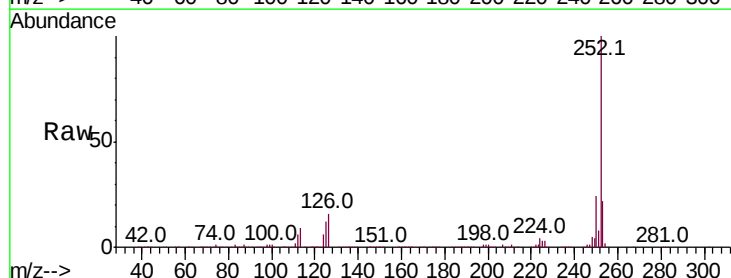
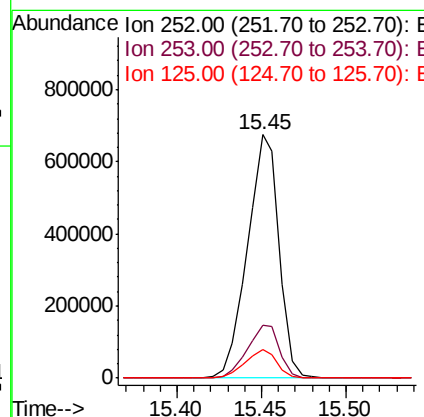
Manual Integrations
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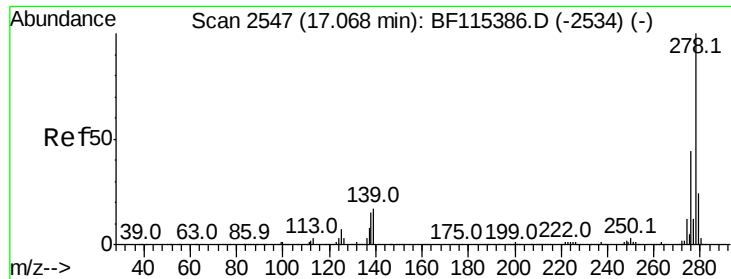
mohammad
7/10/2019 9:04:48 AM



#90
Benzo(a)pyrene
Concen: 37.185 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.05 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	11.8	10.0	15.0





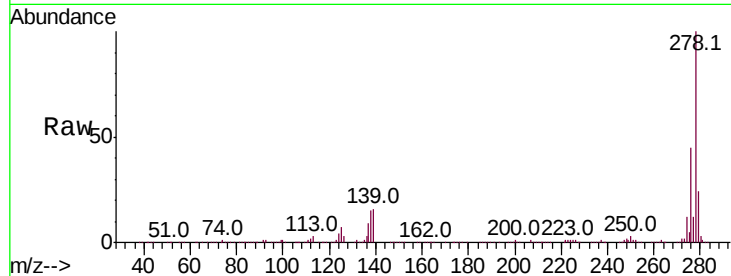
#91
Dibenzo(a,h)anthracene
Concen: 39.219 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.4	20.2
279	24.0	19.4	29.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:48 AM

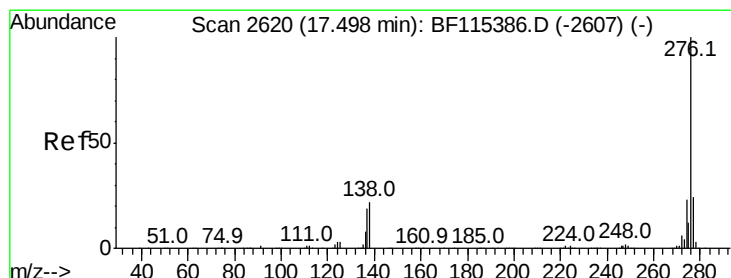
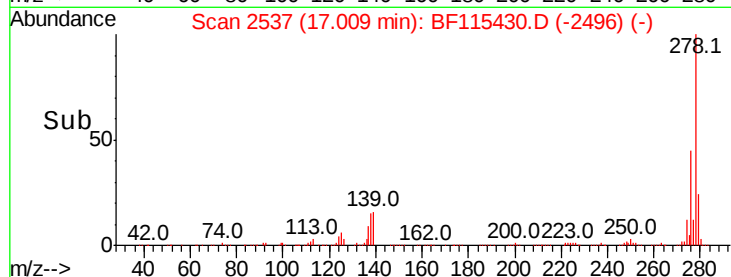
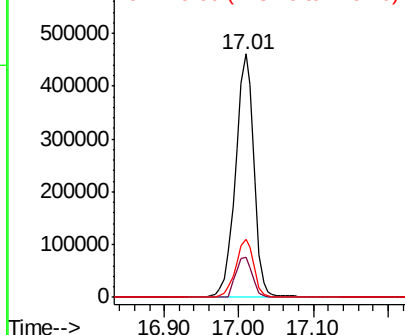


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.634 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.06 min
Lab File: BF115430.D
Acq: 9 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	20.7	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

