

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115438.D
 Acq On : 9 Jul 2019 17:43
 Operator : HP/JU
 Sample : K3687-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MSD

Manual Integrations
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mohammad
 7/10/2019 6:16:51 PM

Quant Time: Jul 10 07:43:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163497	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	661057	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	335942	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	487579m	20.00	ng	0.00
76) Chrysene-d12	14.30	240	713125	20.00	ng	0.08
87) Perylene-d12	16.04	264	887666	20.00	ng	0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1232079	116.43	ng	0.01
7) Phenol-d6	6.54	99	1657320	123.15	ng	0.01
23) Nitrobenzene-d5	7.46	82	1007831	90.08	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	988791	266.20	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1546555	80.78	ng	0.00
79) Terphenyl-d14	13.07	244	3358384	96.43	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	165614	31.907	ng	98
3) Pyridine	3.54	79	445594	31.046	ng	99
4) n-Nitrosodimethylamine	3.45	42	184678	31.731	ng	98
6) Aniline	6.57	93	470755	24.787	ng	98
8) 2-Chlorophenol	6.69	128	475708	39.812	ng	98
9) Benzaldehyde	6.45	77	251472	30.949	ng	98
10) Phenol	6.55	94	623335	38.711	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	540946	45.284	ng	99
12) 1,3-Dichlorobenzene	6.84	146	490491	37.468	ng	99
13) 1,4-Dichlorobenzene	6.92	146	498618	38.025	ng	98
14) 1,2-Dichlorobenzene	7.07	146	468213	38.566	ng	97
15) Benzyl Alcohol	7.05	79	426383	39.481	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	612129	36.648	ng	100
17) 2-Methylphenol	7.15	107	407380	39.796	ng	99
18) Hexachloroethane	7.42	117	181586	37.173	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	340947	37.446	ng	97
20) 3+4-Methylphenols	7.30	107	488367	40.388	ng	# 90
22) Acetophenone	7.31	105	651652	41.139	ng	# 98
24) Nitrobenzene	7.48	77	544114	43.061	ng	99
25) Isophorone	7.73	82	983492	40.554	ng	99
26) 2-Nitrophenol	7.80	139	270663	52.102	ng	95
27) 2,4-Dimethylphenol	7.83	122	440091	44.428	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	545347	36.467	ng	98
29) 2,4-Dichlorophenol	8.04	162	423520	42.926	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	445179	40.531	ng	99
31) Naphthalene	8.20	128	1364863	41.568	ng	100
32) Benzoic acid	7.96	122	177042	27.487	ng	99
33) 4-Chloroaniline	8.25	127	295703	20.184	ng	98
34) Hexachlorobutadiene	8.32	225	250897	40.279	ng	98
35) Caprolactam	8.65	113	111927	34.831	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	450106	43.130	ng	96
37) 2-Methylnaphthalene	8.89	142	806546	36.750	ng	98
38) 1-Methylnaphthalene	9.00	142	891098	42.554	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	377195	39.029	ng	98

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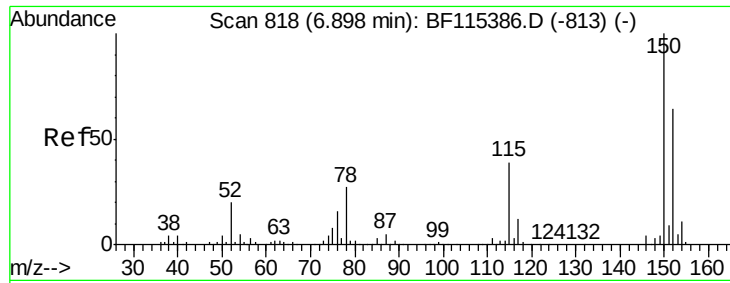
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	438976	78.367	nq	96
43) 2,4,6-Trichlorophenol	9.17	196	299623	42.584	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	332313	45.548	nq	99
46) 1,1'-Biphenyl	9.36	154	1157095	43.813	nq	99
47) 2-Chloronaphthalene	9.39	162	895775	41.039	nq	99
48) 2-Nitroaniline	9.47	65	292049	45.541	nq	96
49) Acenaphthylene	9.80	152	1409943	42.664	nq	100
50) Dimethylphthalate	9.66	163	1318724	52.300	nq	99
51) 2,6-Dinitrotoluene	9.72	165	242088m	44.269	nq	
52) Acenaphthene	9.97	154	1042556	50.126	nq	100
53) 3-Nitroaniline	9.89	138	172149m	27.104	nq	
54) 2,4-Dinitrophenol	9.99	184	197945	83.432	nq	# 61
55) Dibenzofuran	10.15	168	1259547	42.991	nq	99
56) 4-Nitrophenol	10.05	139	310813	63.251	nq	89
57) 2,4-Dinitrotoluene	10.12	165	300982	43.308	nq	93
58) Fluorene	10.49	166	854835	37.013	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	285152	45.243	nq	99
60) Diethylphthalate	10.35	149	2004687	80.773	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	397716	35.282	nq	98
62) 4-Nitroaniline	10.50	138	352175	56.489	nq	100
63) Azobenzene	10.63	77	2016296	78.812	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	136492m	56.762	nq	
66) n-Nitrosodiphenylamine	10.59	169	1706577	111.085	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	613359	112.111	nq	97
68) Hexachlorobenzene	11.03	284	684074	111.428	nq	96
69) Atrazine	11.12	200	482143	101.409	nq	99
70) Pentachlorophenol	11.23	266	301127m	80.486	nq	
71) Phenanthrene	11.44	178	2765474	107.845	nq	100
72) Anthracene	11.49	178	2774607	107.902	nq	99
73) Carbazole	11.65	167	2371571	100.813	nq	99
74) Di-n-butylphthalate	11.99	149	2798165	98.421	nq	99
75) Fluoranthene	12.67	202	2944733	109.065	nq	99
77) Benzidine	12.79	184	742300	26.693	nq	98
78) Pyrene	12.91	202	2976091	53.666	nq	99
80) Butylbenzylphthalate	13.61	149	1364276	56.305	nq	99
81) Benzo(a)anthracene	14.28	228	2506605	54.858	nq	100
82) 3,3'-Dichlorobenzidine	14.24	252	520553	31.397	nq	98
83) Chrysene	14.33	228	2295817	48.902	nq	99
84) Bis(2-ethylhexyl)phthalate	14.29	149	1618171	53.927	nq	# 98
85) Di-n-octyl phthalate	15.09	149	3211426	60.119	nq	100
86) Indeno(1,2,3-cd)pyrene	17.60	276	2524861	68.778	nq	100
88) Benzo(b)fluoranthene	15.59	252	3660270m	63.332	nq	
89) Benzo(k)fluoranthene	15.62	252	860775m	16.747	nq	
90) Benzo(a)pyrene	15.98	252	2152151	43.174	nq	99
91) Dibenzo(a,h)anthracene	17.62	278	2074128	48.692	nq	99
92) Benzo(g,h,i)perylene	18.06	276	2157692	53.516	nq	98

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



#1

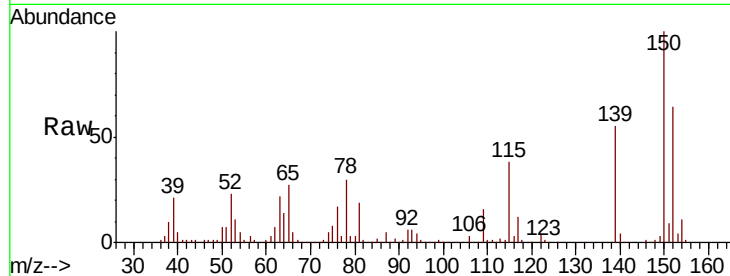
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.5	189.7
115	59.4	48.6	73.0

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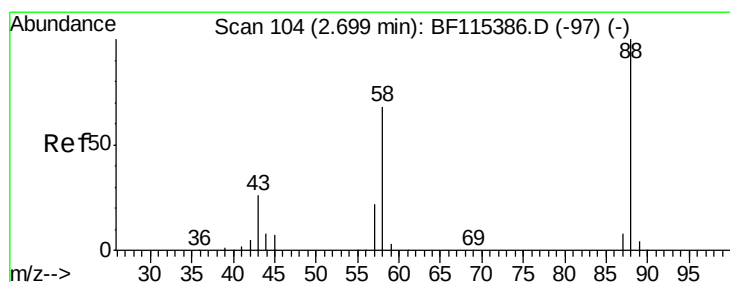
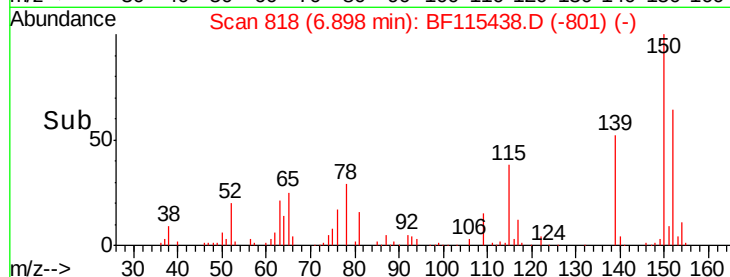
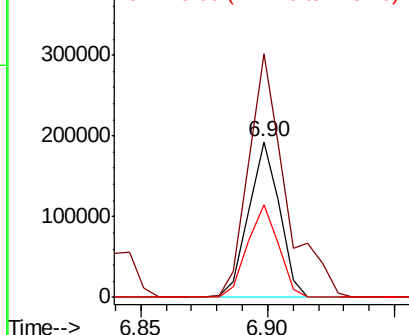


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

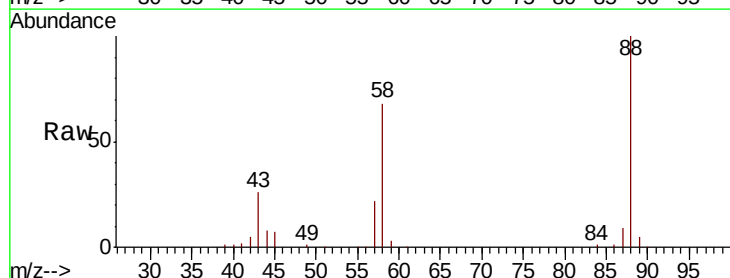
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.907 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.04 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	54.0	81.0
43	25.5	20.2	30.4

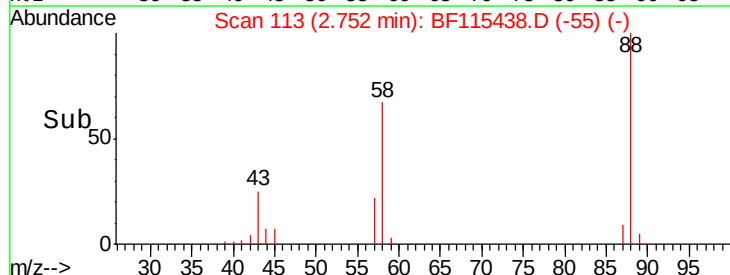
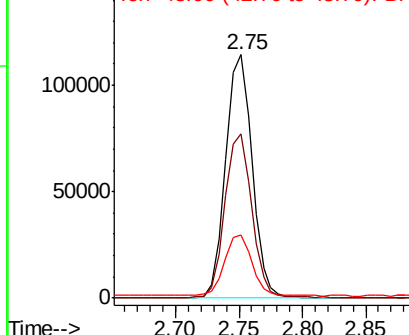


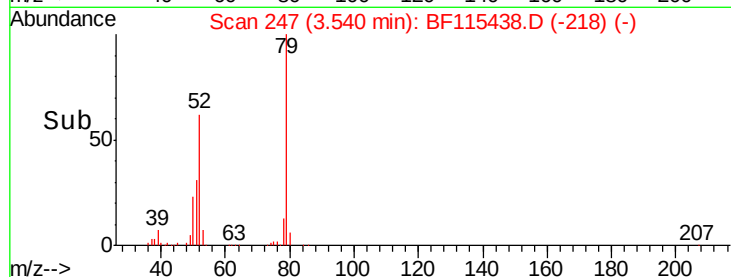
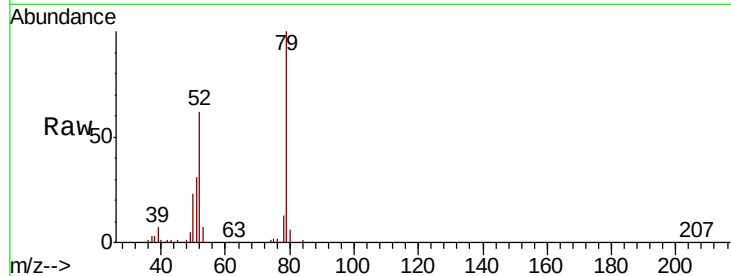
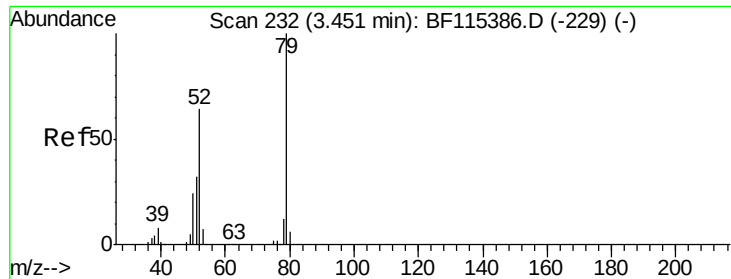
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





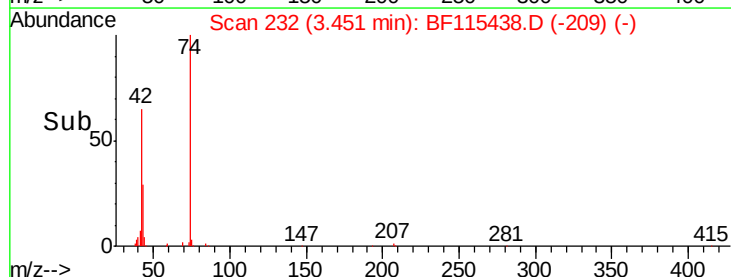
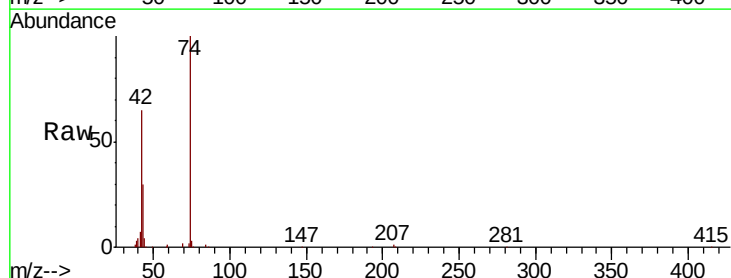
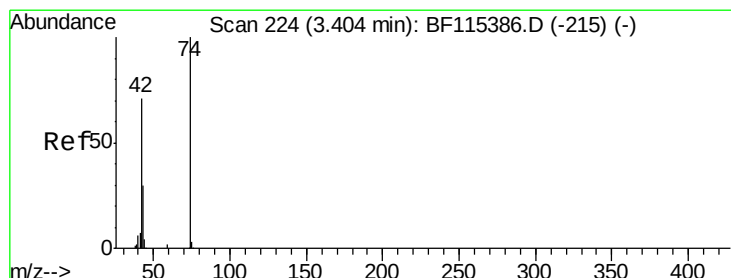
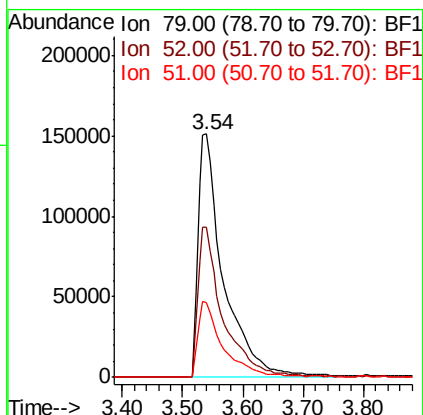
#3
Pvridine
Concen: 31.046 ng
RT: 3.54 min Scan# 247
Delta R.T. 0.07 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.5	49.0	73.6
51	30.9	24.1	36.1

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

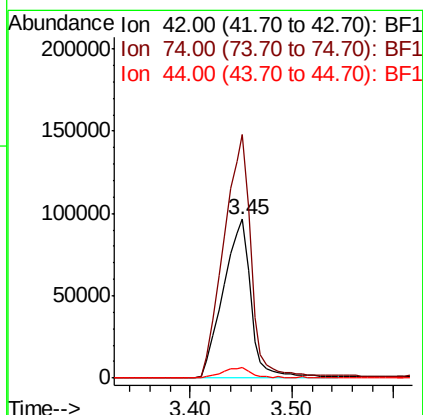
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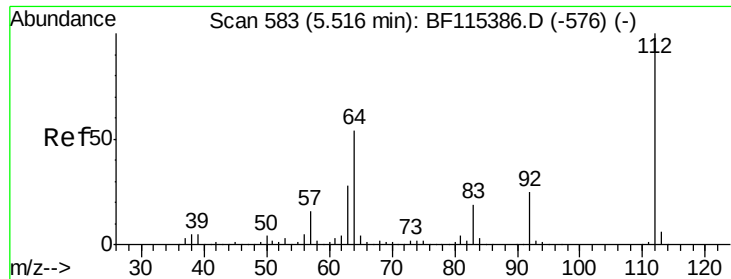
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#4
n-Nitrosodimethylamine
Concen: 31.731 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.04 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.4	121.0	181.4
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 116.430 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:112 Resp: 1232079

Ion Ratio Lower Upper

112 100

64 58.2 47.0 70.4

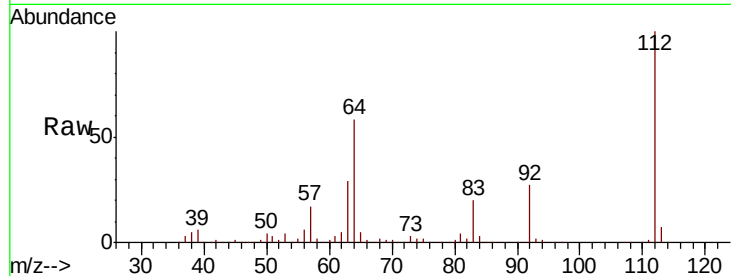
63 29.4 23.7 35.5

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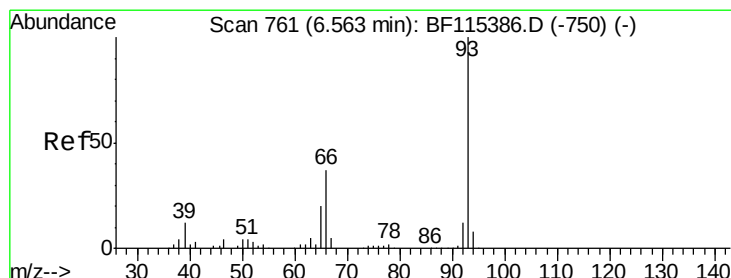
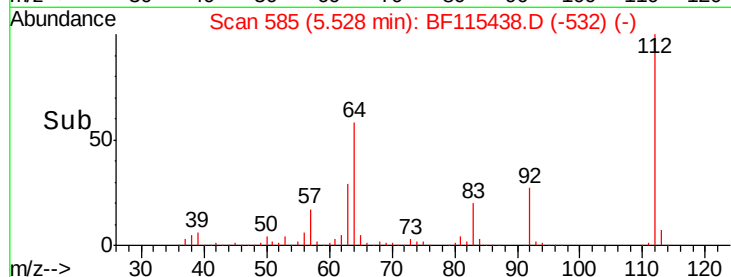
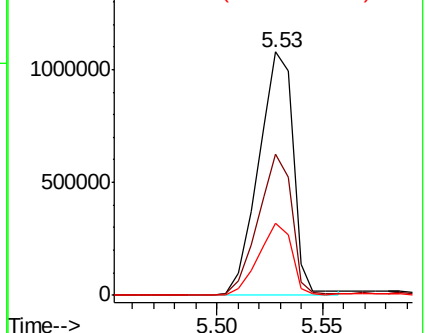
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.787 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

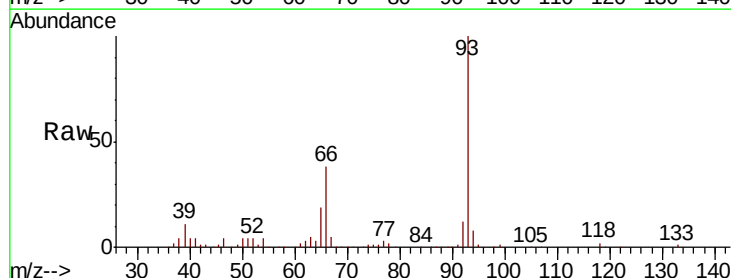
Tgt Ion: 93 Resp: 470755

Ion Ratio Lower Upper

93 100

66 37.6 30.5 45.7

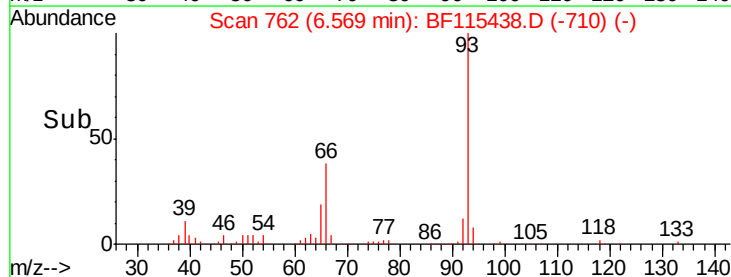
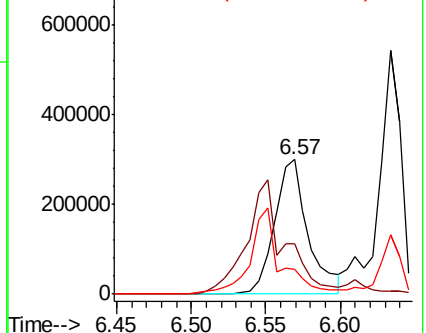
65 18.6 15.8 23.8

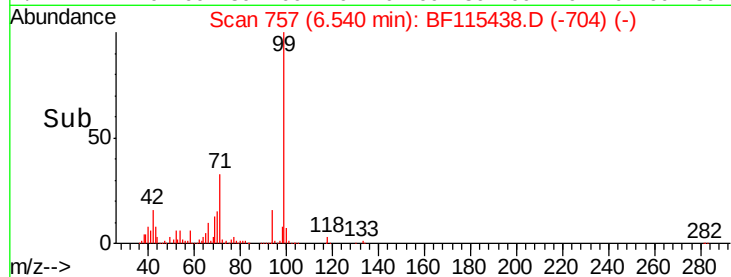
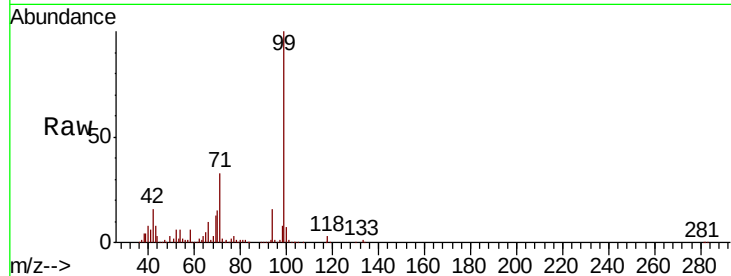
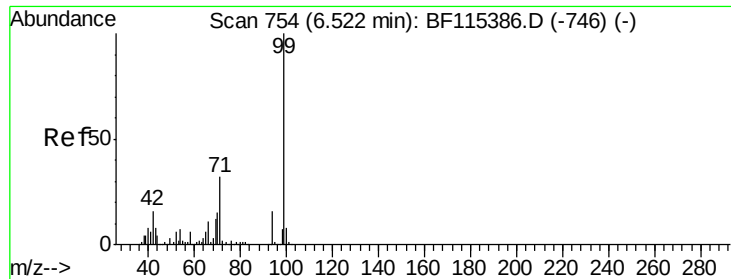


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.145 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Tot Ion: 99 Resp: 1657320

Ion Ratio Lower Upper

99 100

42 15.7 12.7 19.1

71 33.0 26.2 39.2

Instrument :

BNA_F

ClientSampleId :

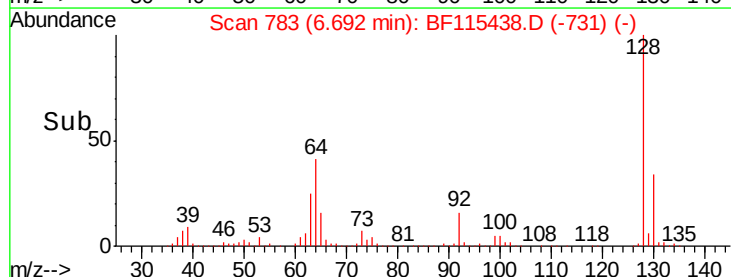
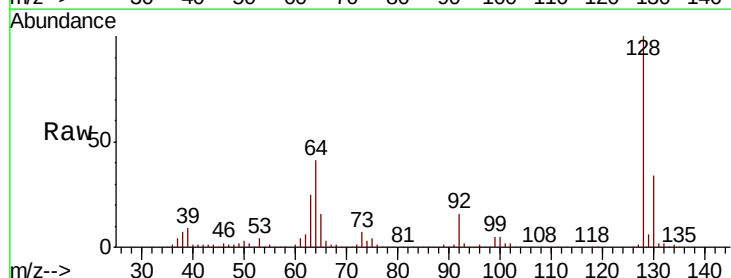
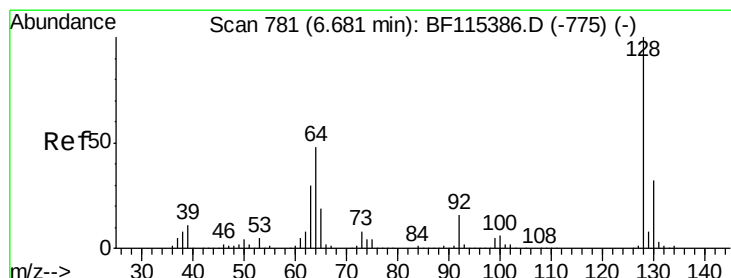
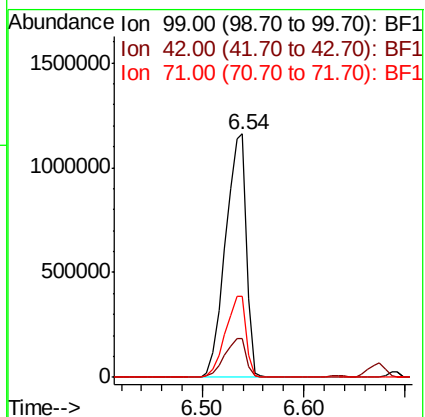
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#8

2-Chlorophenol

Concen: 39.812 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

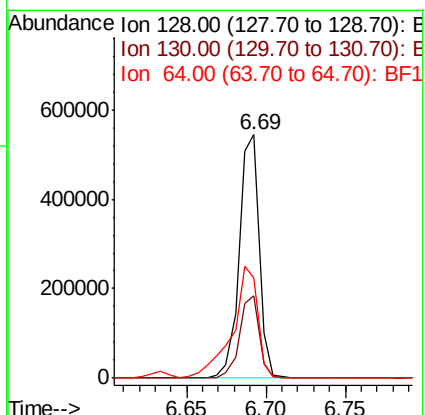
Tgt Ion: 128 Resp: 475708

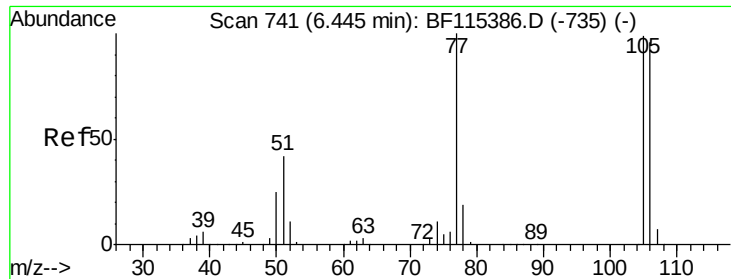
Ion Ratio Lower Upper

128 100

130 33.8 13.5 53.5

64 41.3 23.2 63.2





#9

Benzaldehyde

Concen: 30.949 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

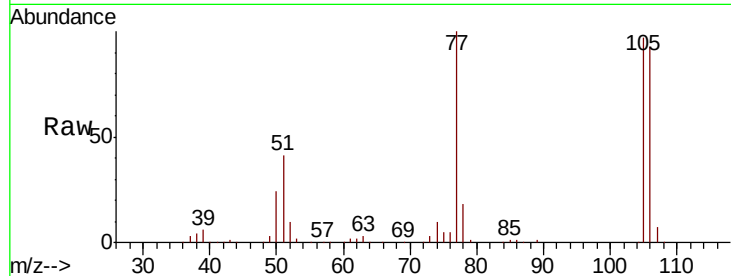
ClientSampleId :

72-12017-VNJ-206MSD

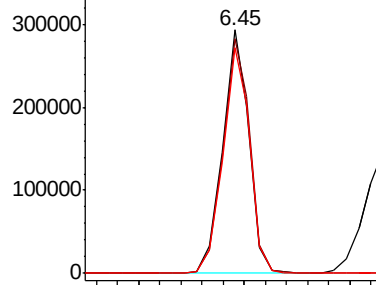
Tot Ion:	77	Resp:	251472
Ion	Ratio	Lower	Upper
77	100		
105	96.5	77.5	117.5
106	92.8	75.6	115.6

Manual Integrations
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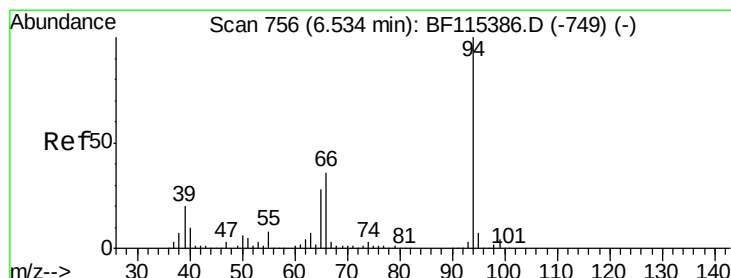
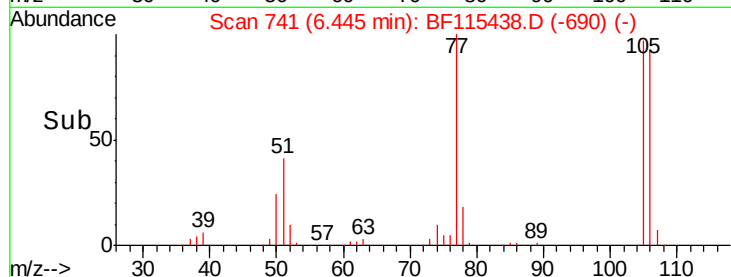
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->



#10

Phenol

Concen: 38.711 ng

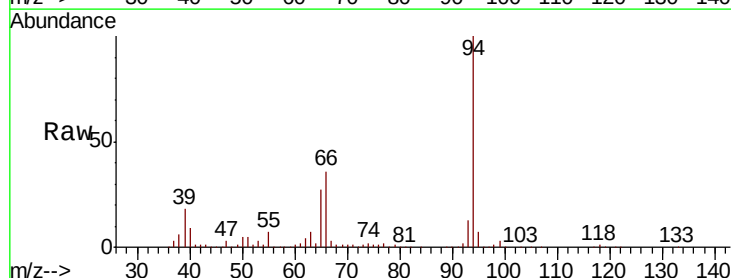
RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

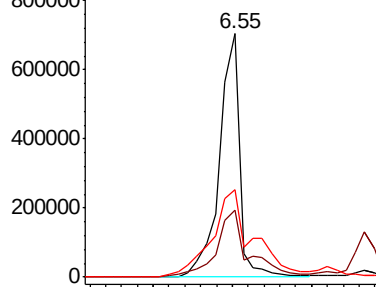
Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

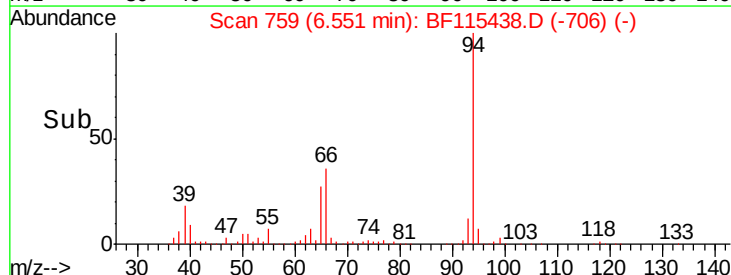
Tgt Ion:	94	Resp:	623335
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.7	47.7
66	36.1	16.7	56.7

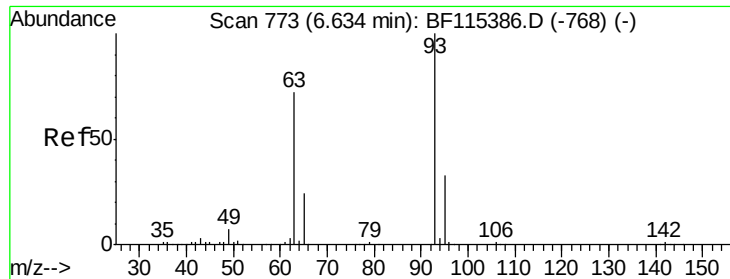


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





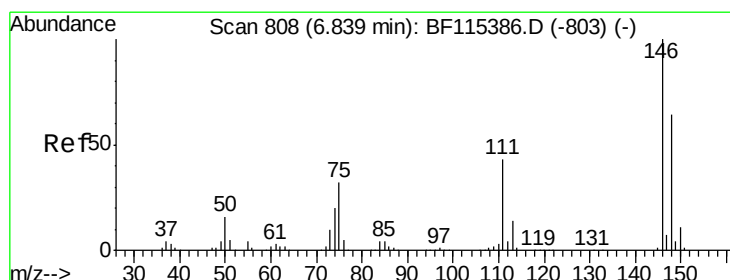
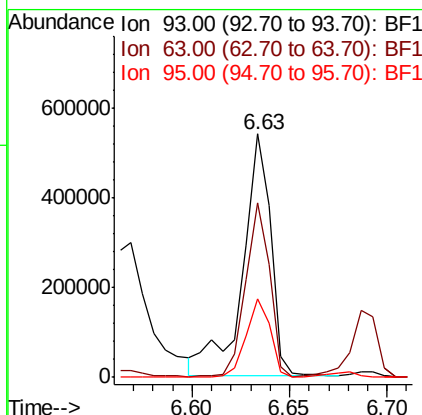
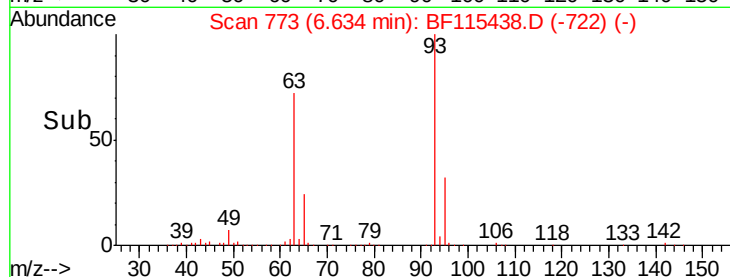
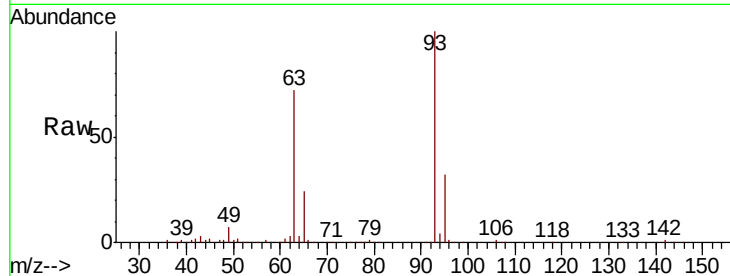
#11
bis(2-Chloroethyl)ether
Concen: 45.284 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	93	Resp	540946
Ion Ratio	Lower	Upper	
93	100		
63	71.8	52.4	92.4
95	32.4	12.1	52.1

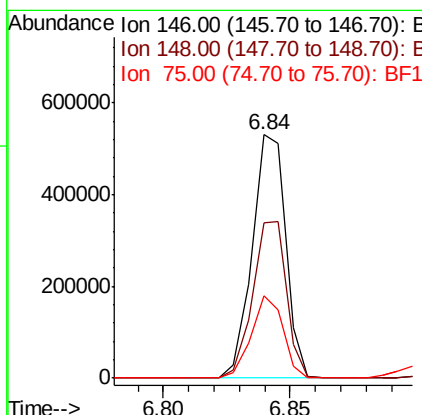
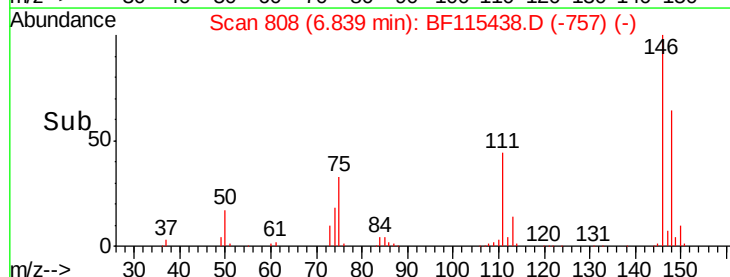
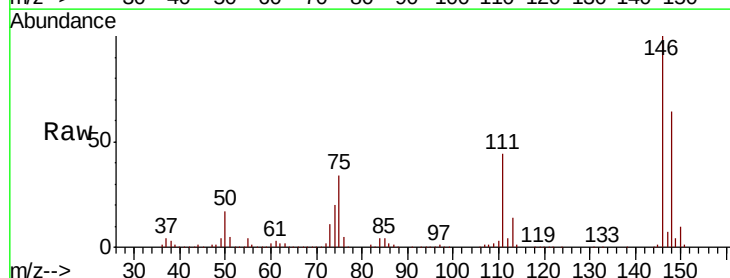
Manual Integrations
APPROVED

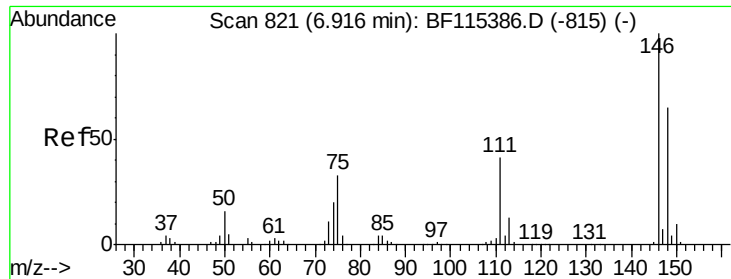
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.468 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	146	Resp	490491
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
75	33.9	26.2	39.2





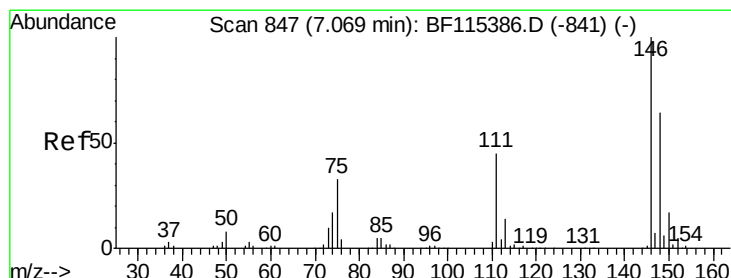
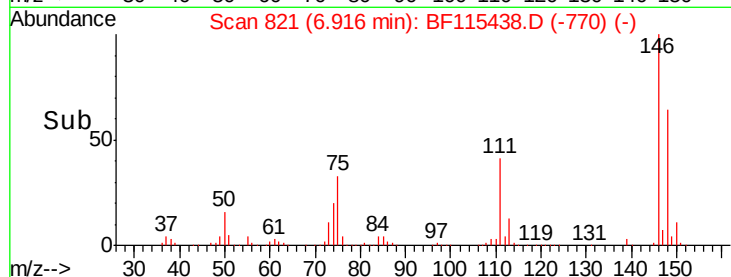
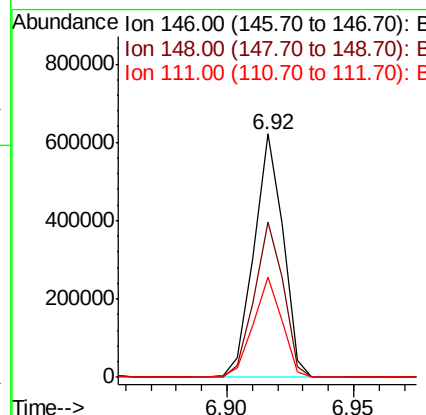
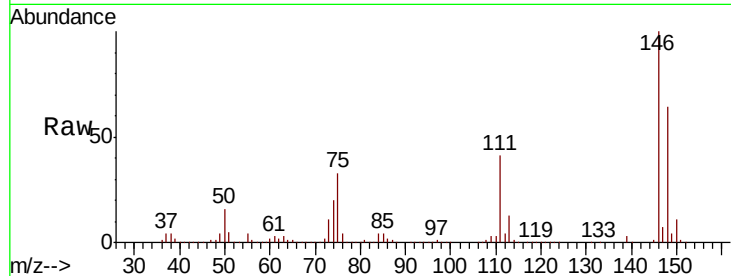
#13
 1,4-Dichlorobenzene
 Concen: 38.025 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.5	78.7
111	41.4	34.0	51.0

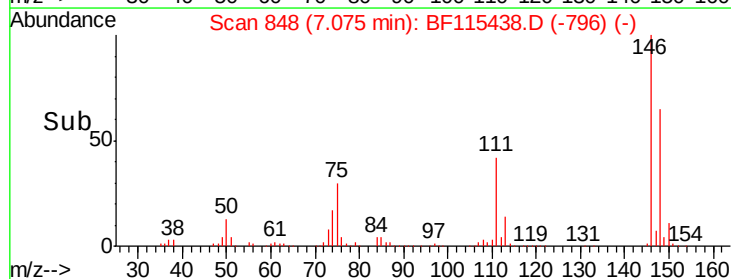
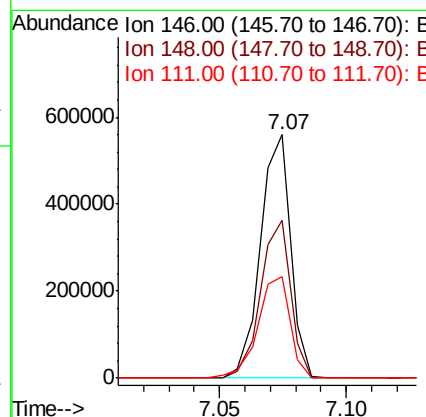
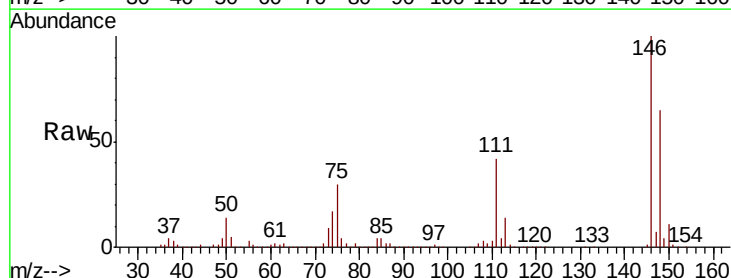
Manual Integrations
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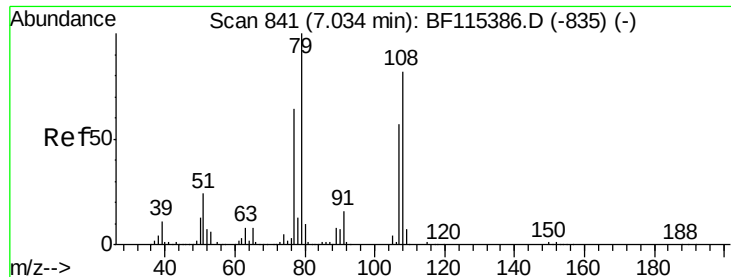
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.566 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	41.8	36.1	54.1





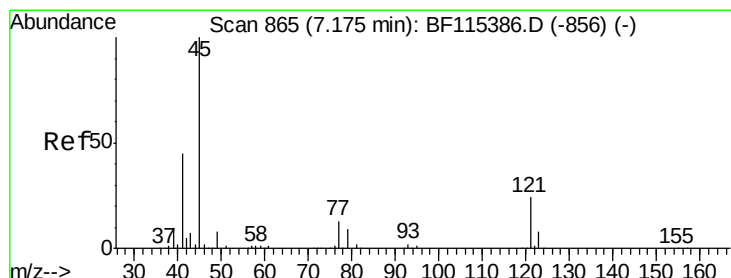
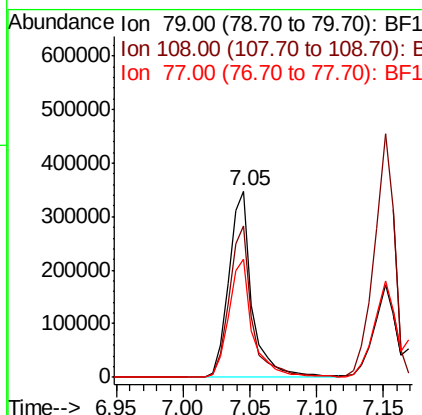
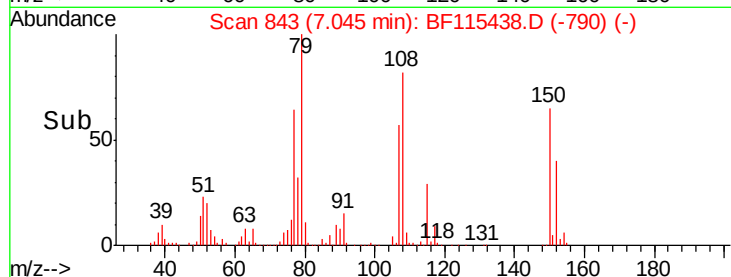
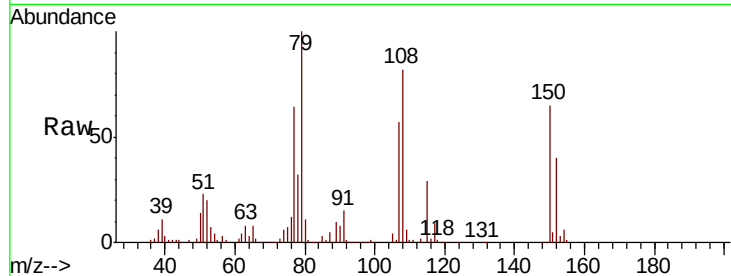
#15
Benzyl Alcohol
Concen: 39.481 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.4	95.2
77	63.7	50.6	75.8

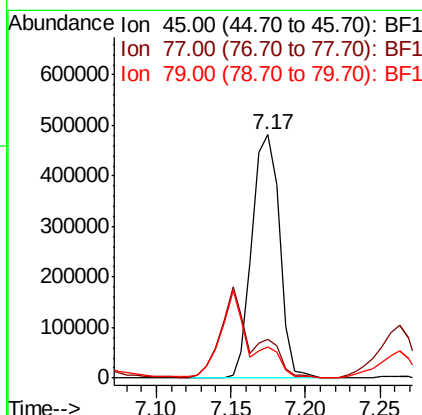
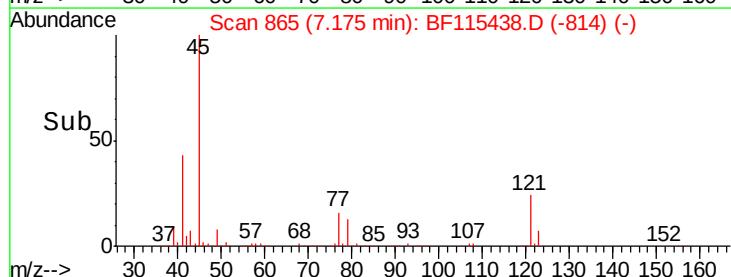
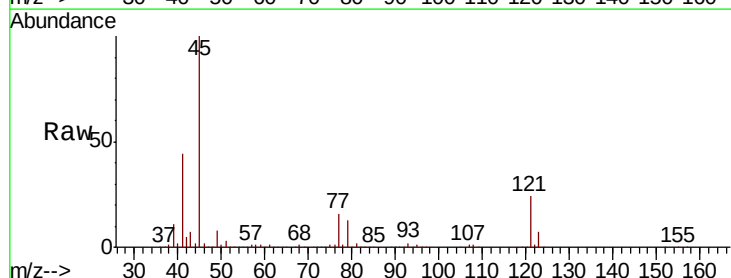
Manual Integrations
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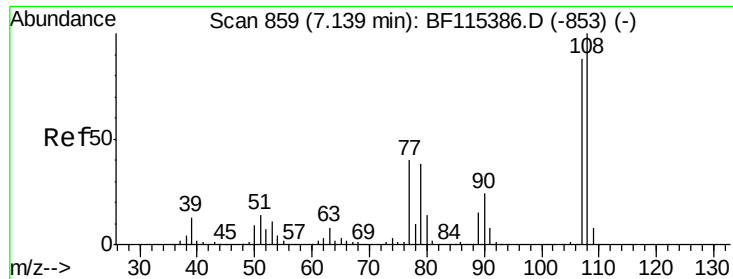
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.648 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	36.1
79	12.9	0.0	33.0





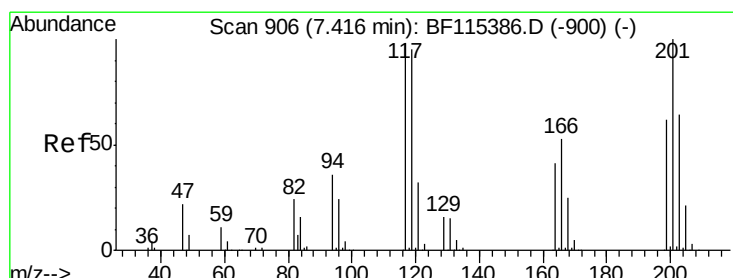
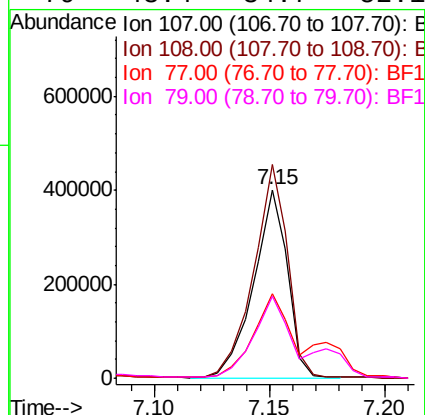
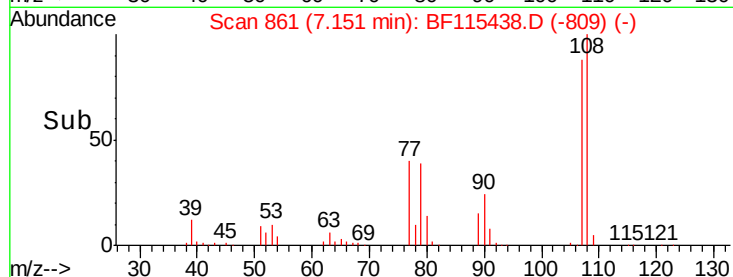
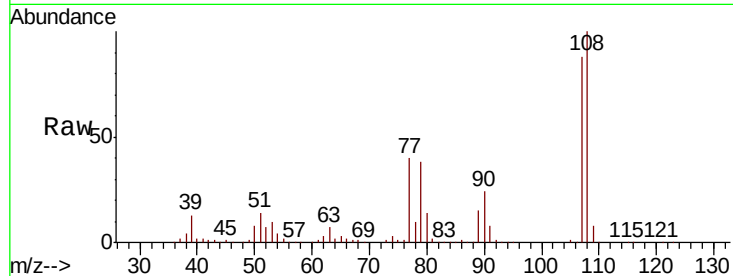
#17
2-Methylphenol
Concen: 39.796 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.3	135.5
77	45.1	35.4	53.2
79	43.4	34.7	52.1

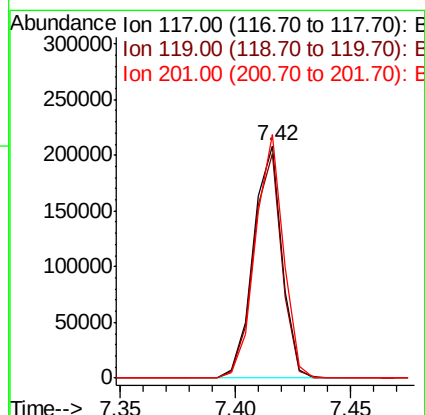
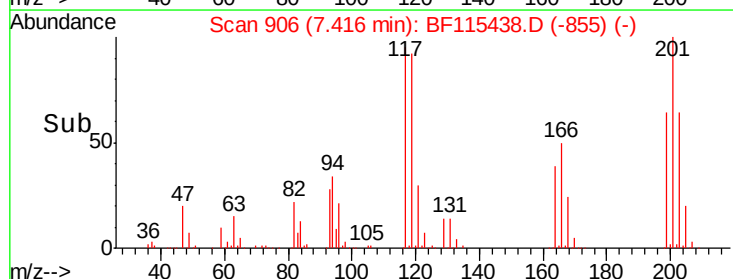
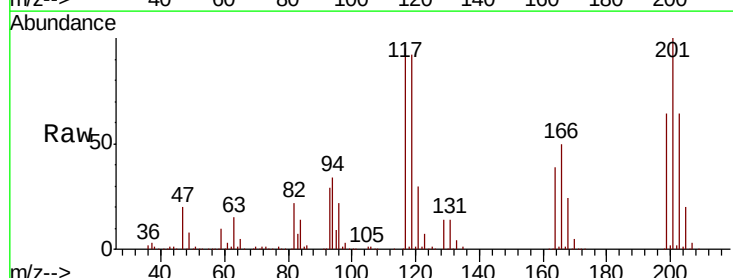
Manual Integrations
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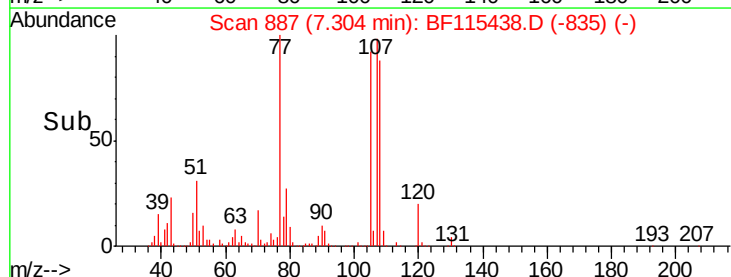
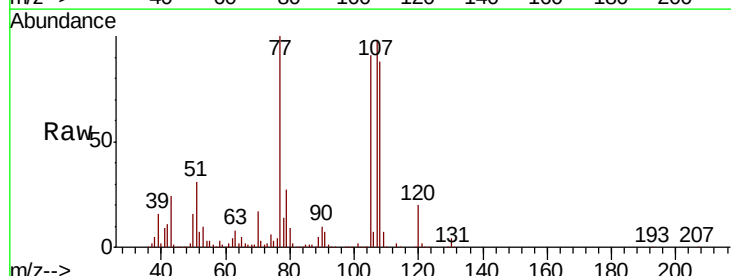
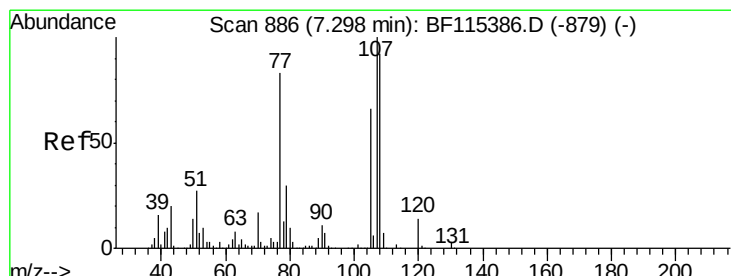
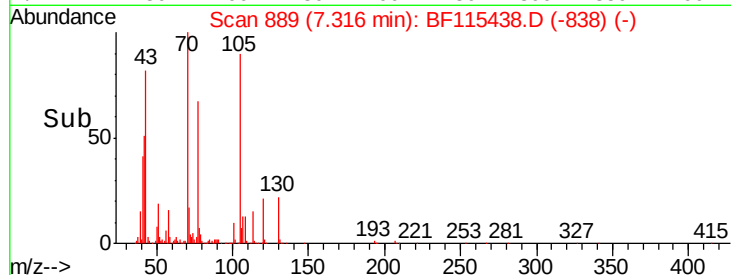
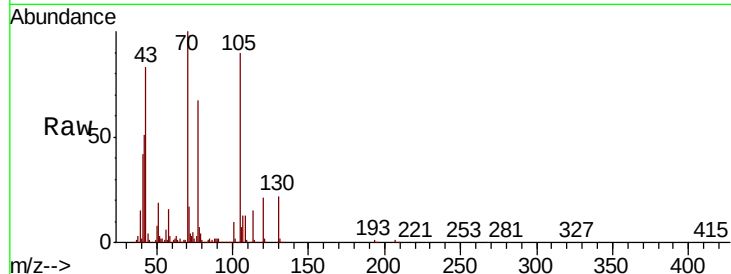
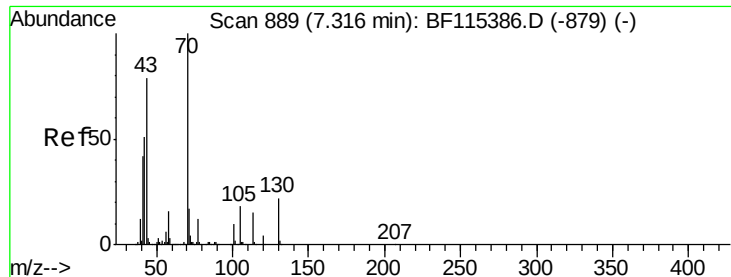
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#18
Hexachloroethane
Concen: 37.173 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

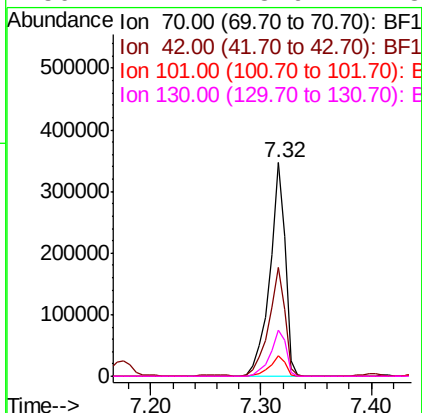
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.9	116.9
201	104.8	84.5	126.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.446 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.2	39.4	59.2		
101	9.7	8.0	12.0		
130	21.7	18.6	27.8		



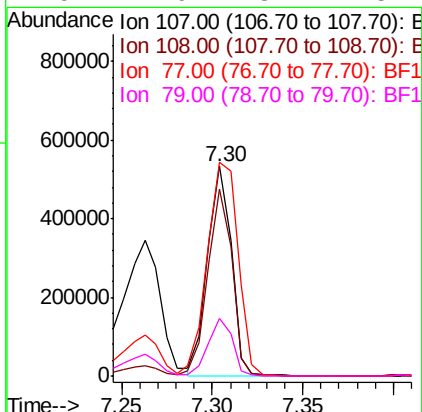
Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

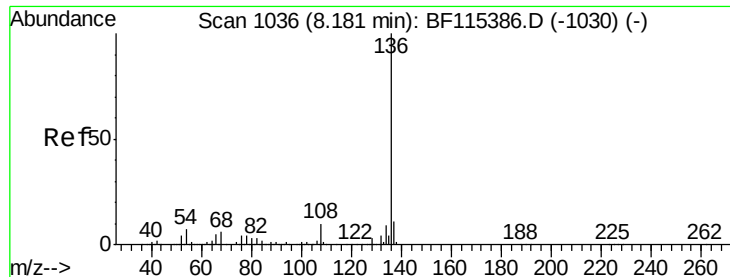
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#20
3+4-Methylphenols
Concen: 40.388 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	69.4	109.4		
77	102.0	59.8	99.8		
79	27.6	8.4	48.4		





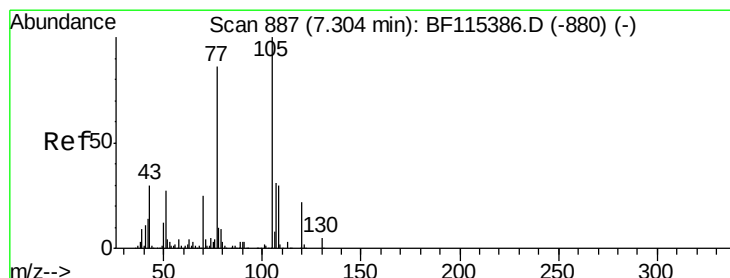
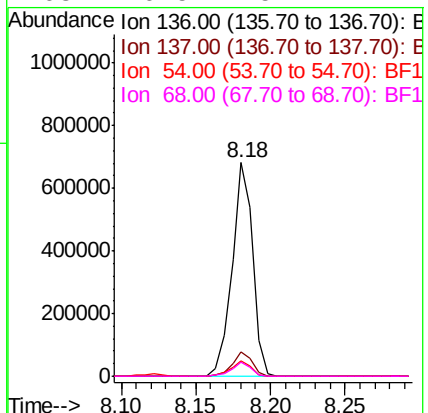
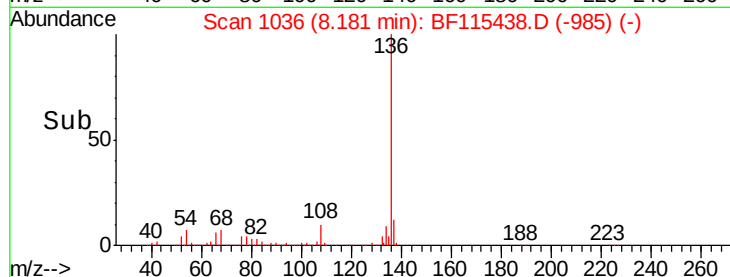
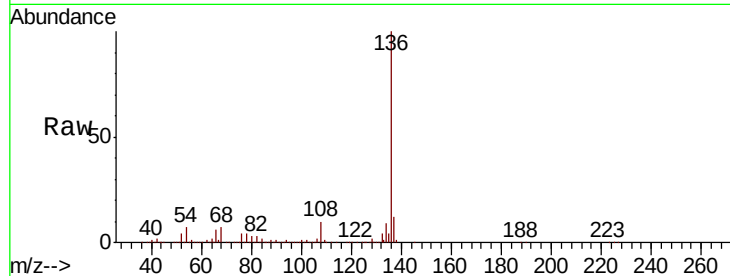
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	661057		
137	11.5		8.9	13.3
54	7.3		5.5	8.3
68	6.5		5.1	7.7

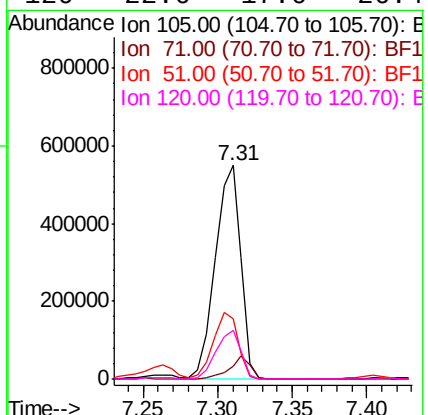
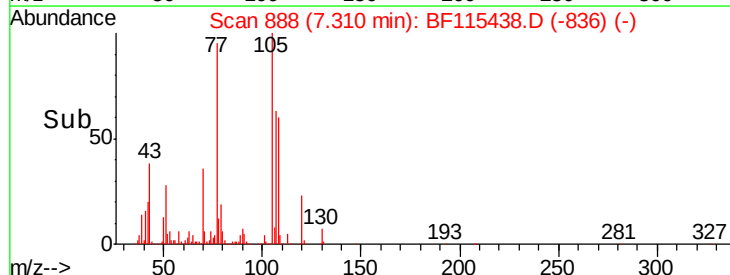
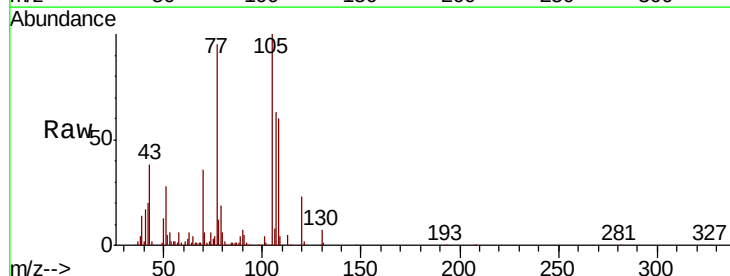
Manual Integrations
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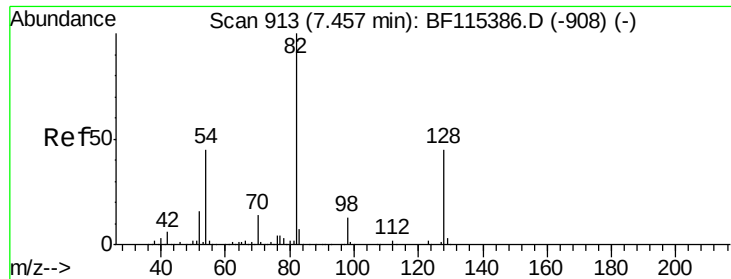
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#22
Acetophenone
Concen: 41.139 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	651652		
71	6.1		3.7	5.5#
51	28.2		23.1	34.7
120	22.6		17.6	26.4





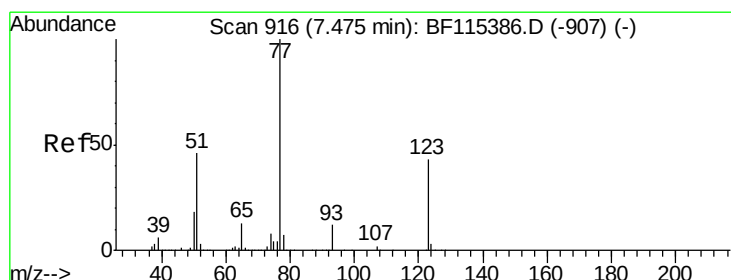
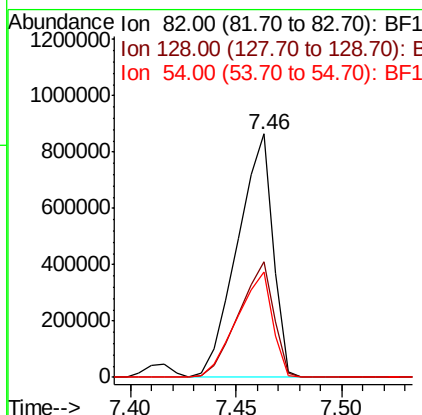
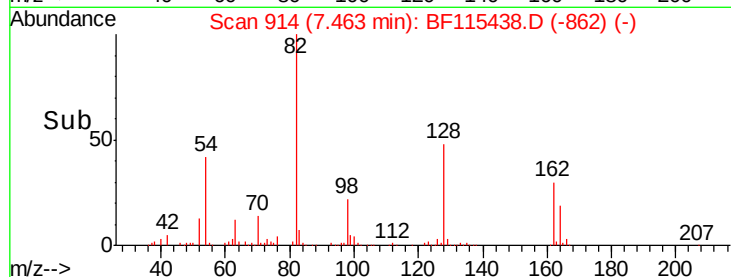
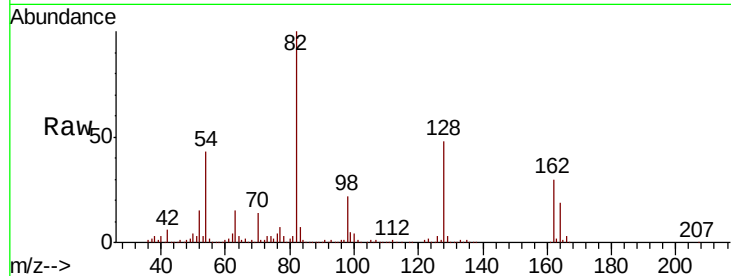
#23
Nitrobenzene-d5
Concen: 90.077 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.2	54.4
54	43.4	35.4	53.0

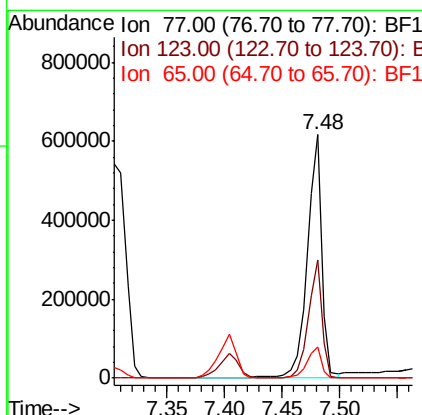
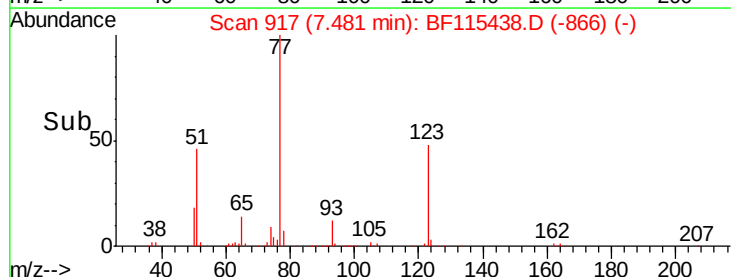
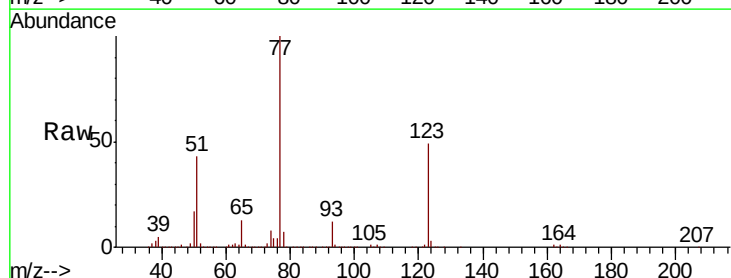
Manual Integrations
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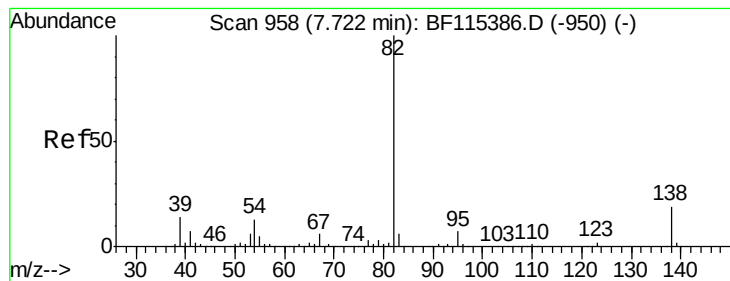
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#24
Nitrobenzene
Concen: 43.061 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	39.4	59.0
65	13.0	10.6	15.8





#25

Isophorone

Concen: 40.554 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

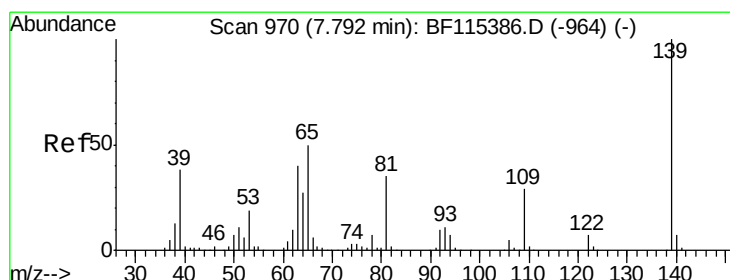
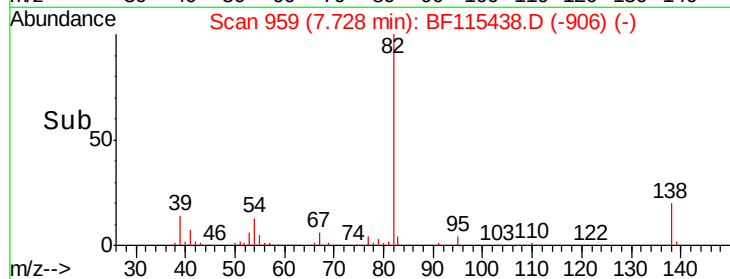
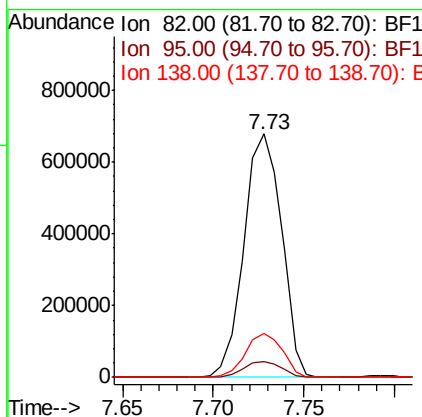
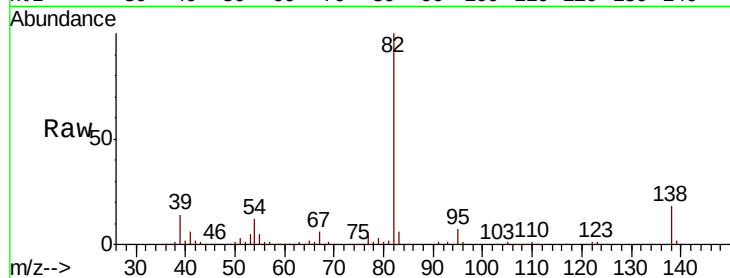
ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:	82	Resp:	983492
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.3	14.2	21.2

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#26

2-Nitrophenol

Concen: 52.102 ng

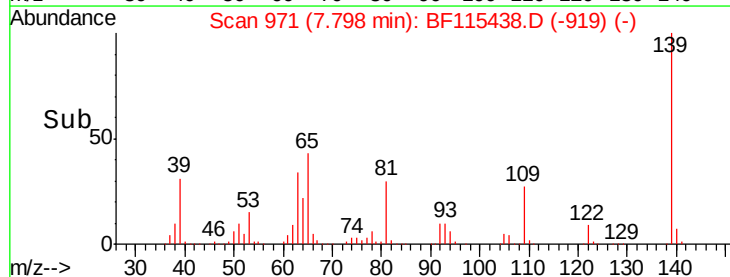
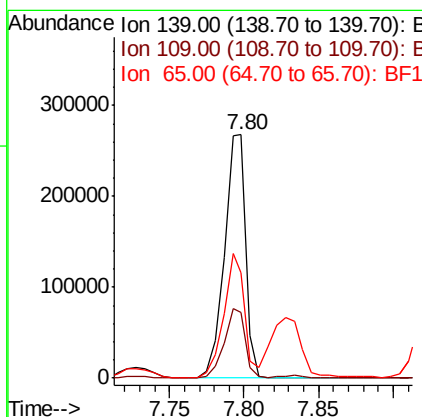
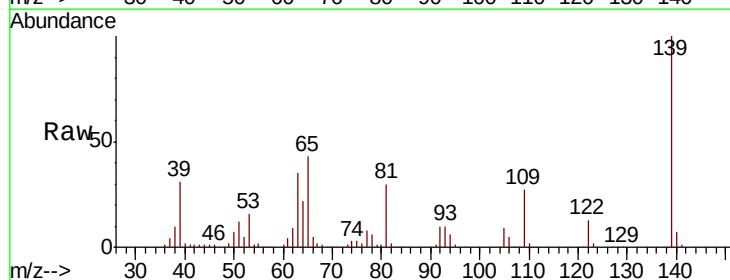
RT: 7.80 min Scan# 971

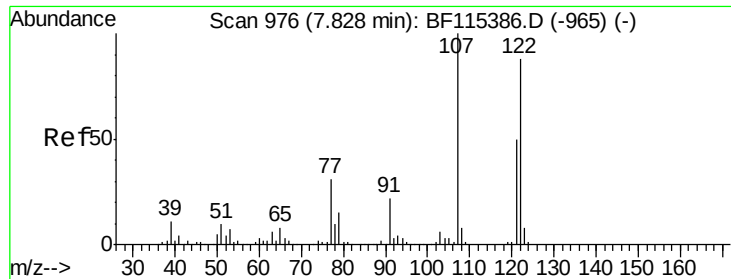
Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Tgt Ion:	139	Resp:	270663
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.2	33.4
65	43.2	38.2	57.4





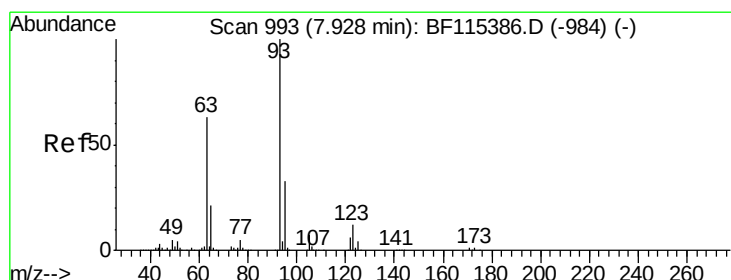
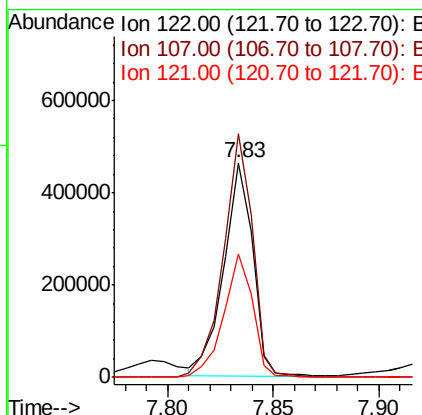
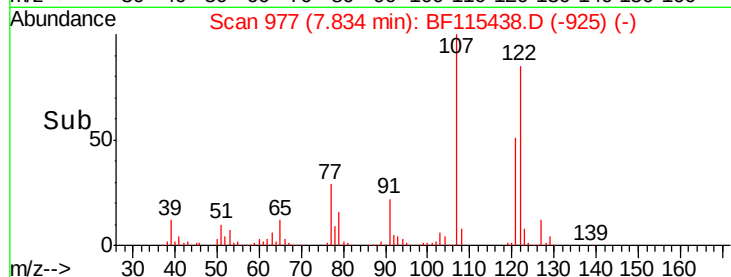
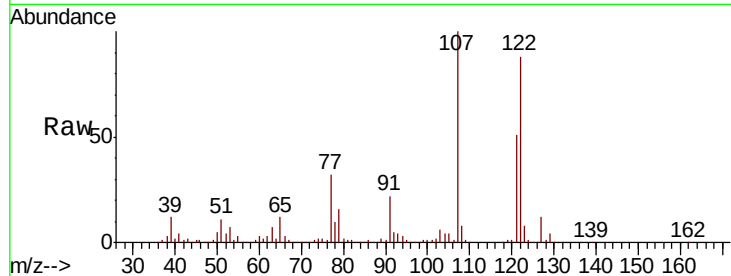
#27
2,4-Dimethylphenol
Concen: 44.428 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampled :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	92.6	138.8
121	57.8	47.2	70.8

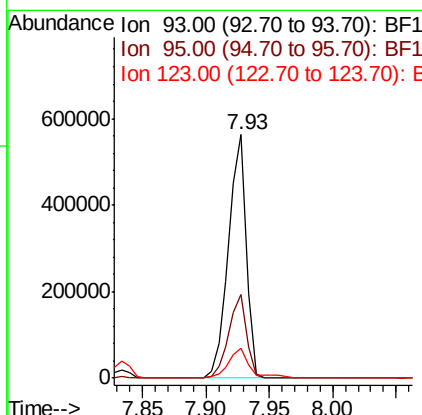
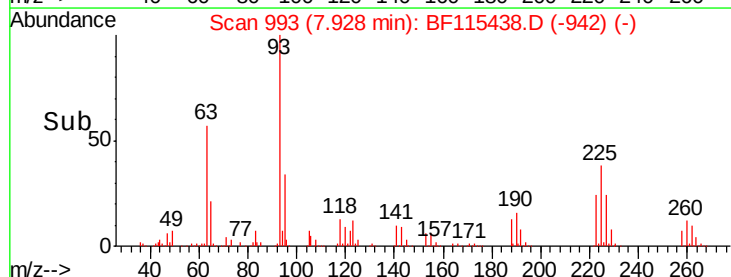
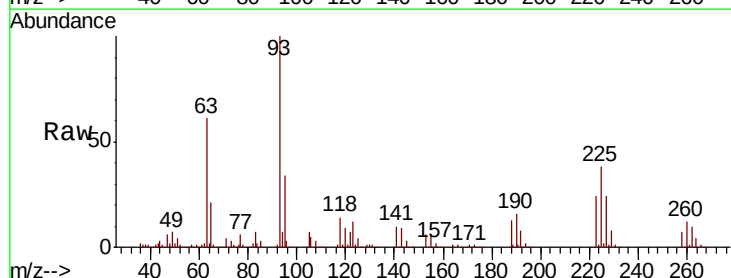
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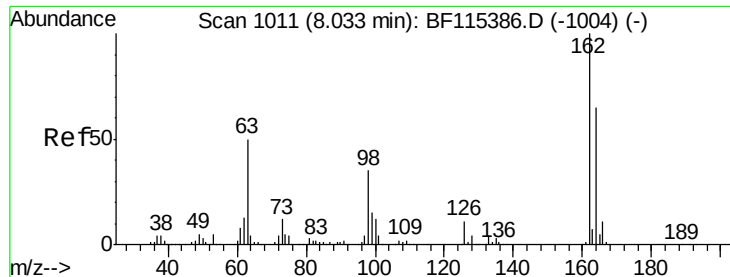
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.467 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	26.4	39.6
123	12.2	9.7	14.5





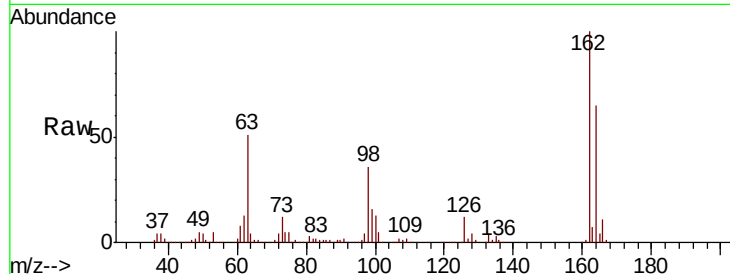
#29
2,4-Dichlorophenol
Concen: 42.926 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

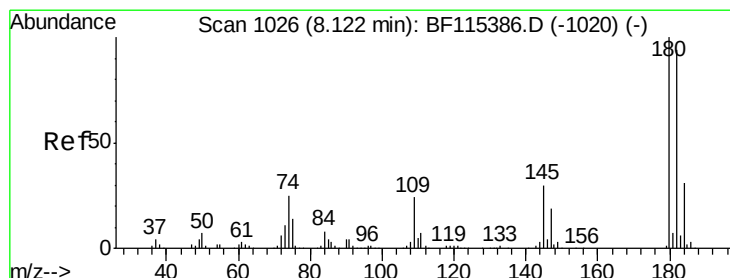
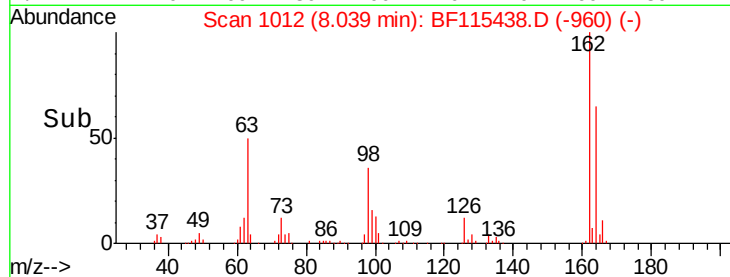
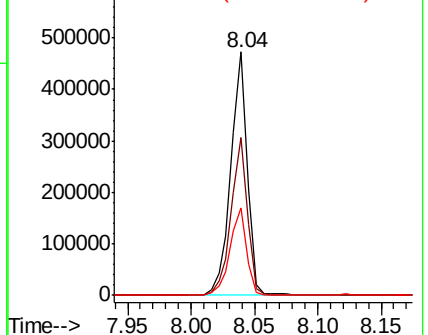
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.5	85.5
98	35.7	17.1	57.1

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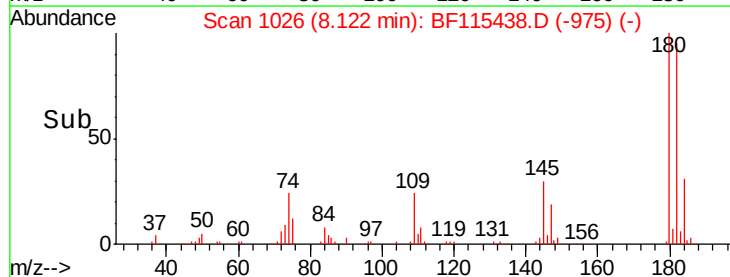
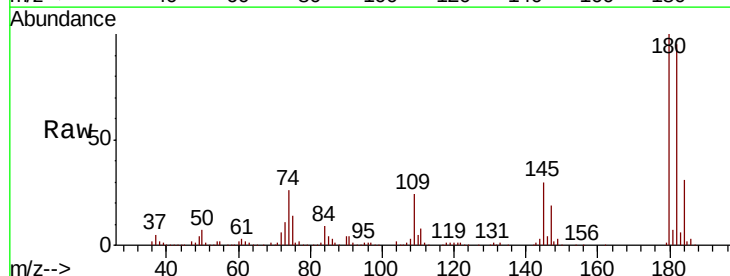
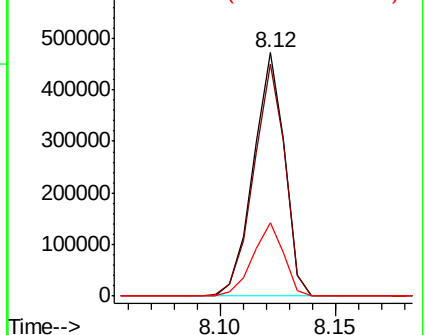
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

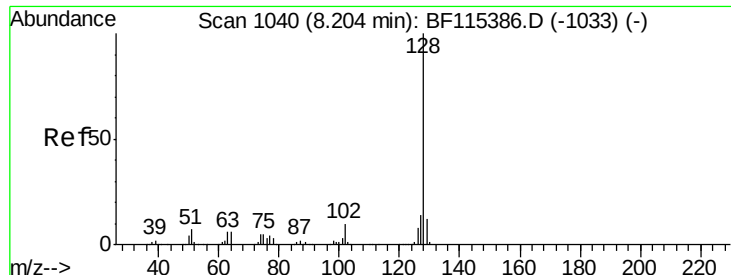


#30
1,2,4-Trichlorobenzene
Concen: 40.531 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.2	112.8
145	30.4	23.9	35.9

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





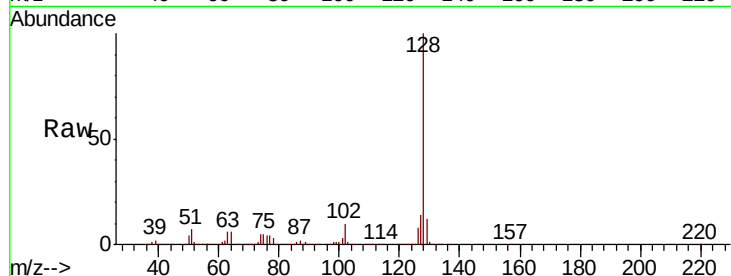
#31
Naphthalene
Concen: 41.568 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

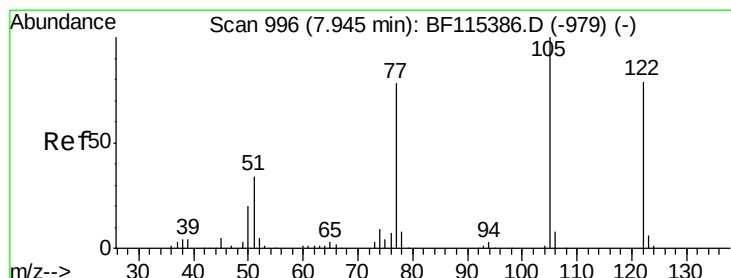
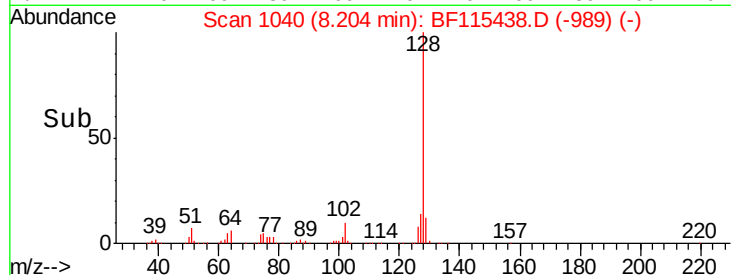
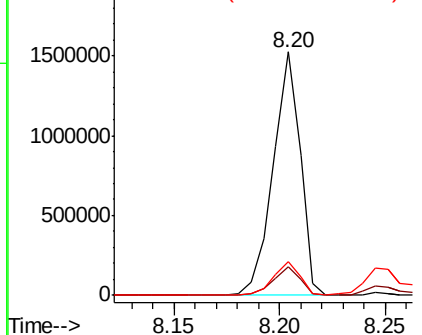
Tot Ion:128 Resp: 1364863
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.9 11.2 16.8

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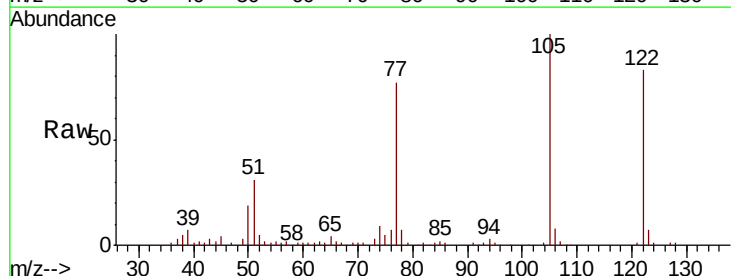


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

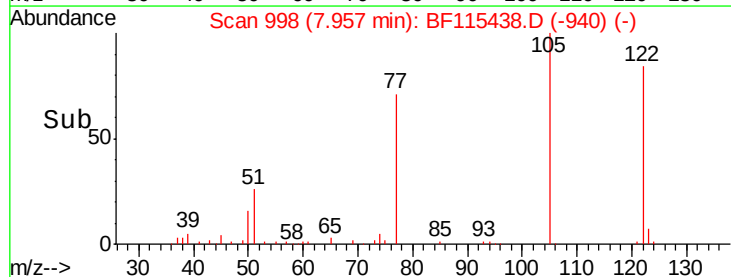
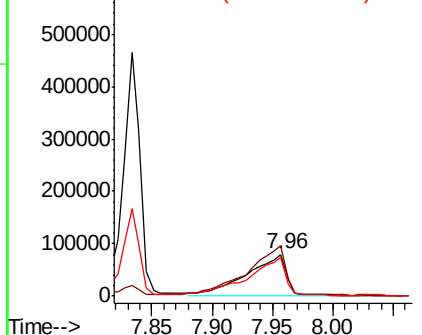


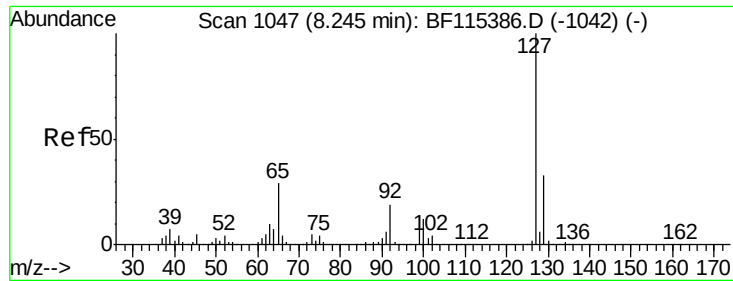
#32
Benzoic acid
Concen: 27.487 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.04 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion:122 Resp: 177042
Ion Ratio Lower Upper
122 100
105 119.8 102.5 142.5
77 92.3 72.3 112.3



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





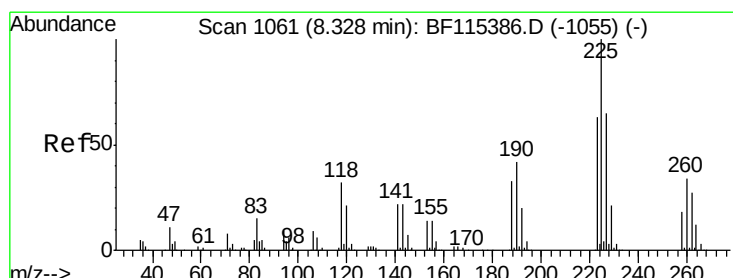
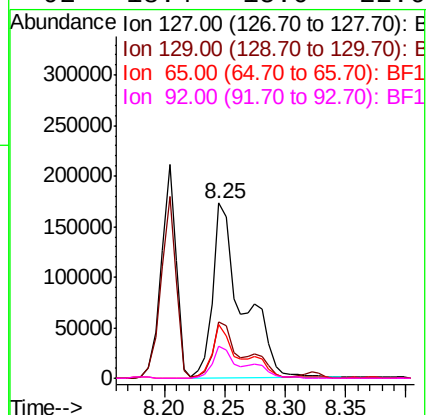
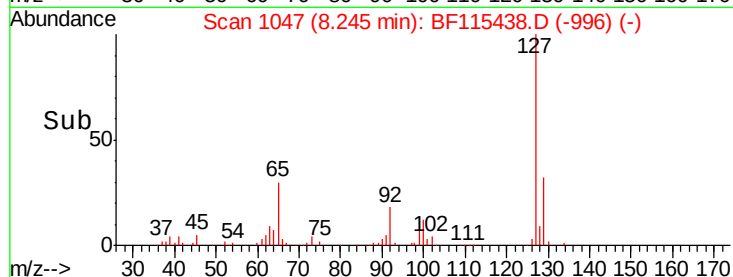
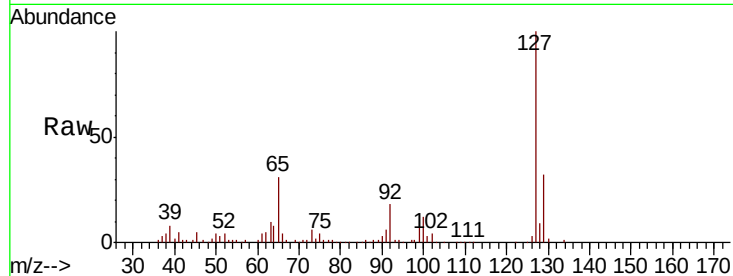
#33
4-Chloroaniline
Concen: 20.184 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		295703		
129	32.3	26.2	39.4		
65	31.0	23.0	34.4		
92	18.4	15.0	22.6		

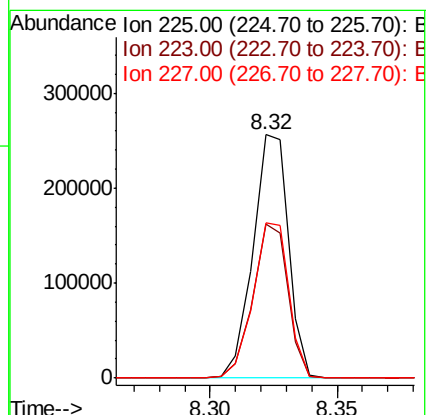
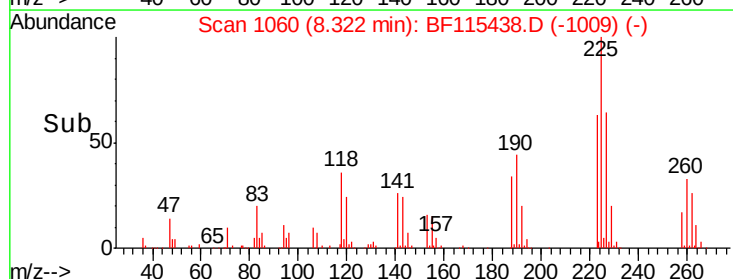
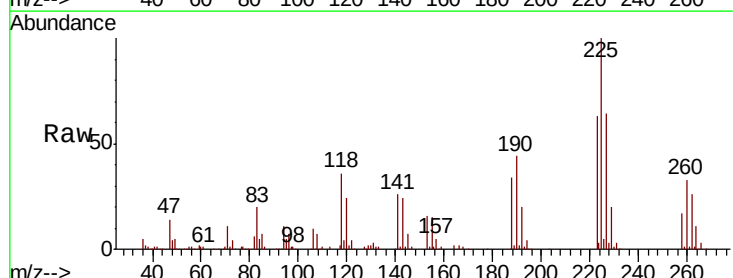
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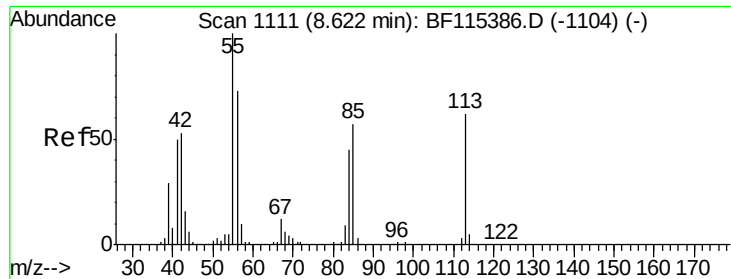
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#34
Hexachlorobutadiene
Concen: 40.279 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		250897		
223	63.1	51.4	77.0		
227	63.8	49.6	74.4		





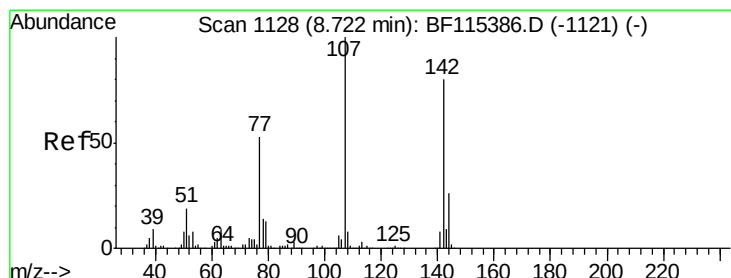
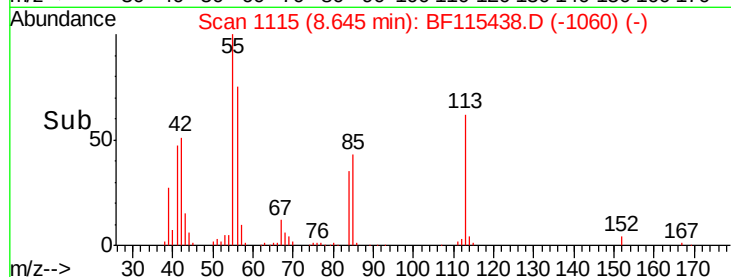
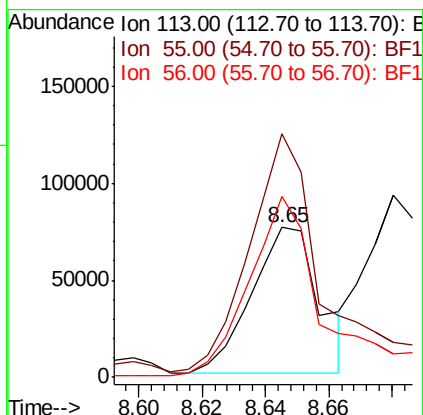
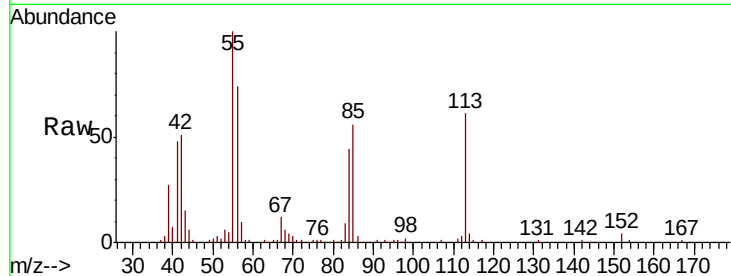
#35
 Caprolactam
 Concen: 34.831 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.02 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.7	127.9	167.9
56	121.0	89.3	129.3

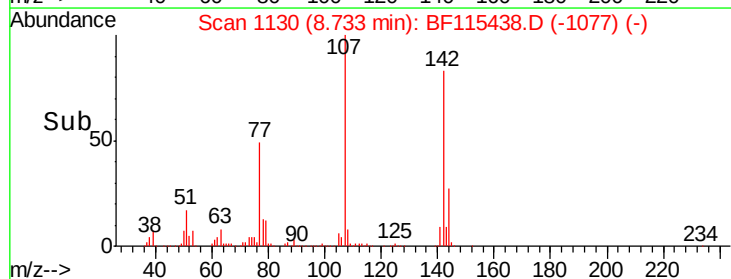
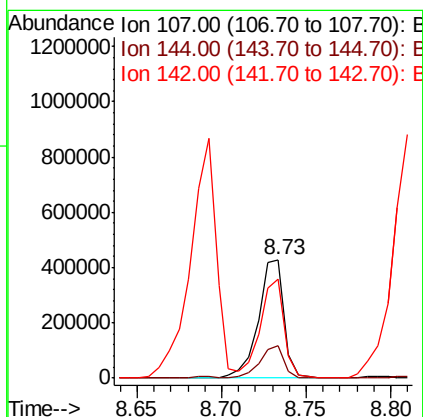
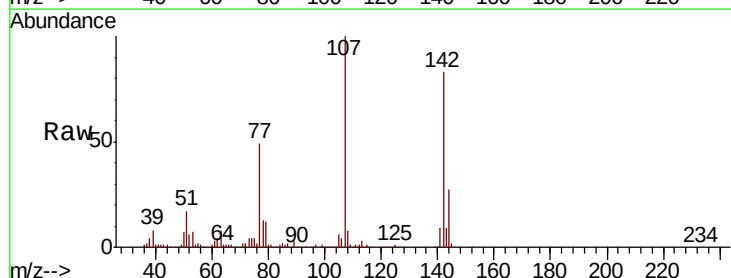
Manual Integrations
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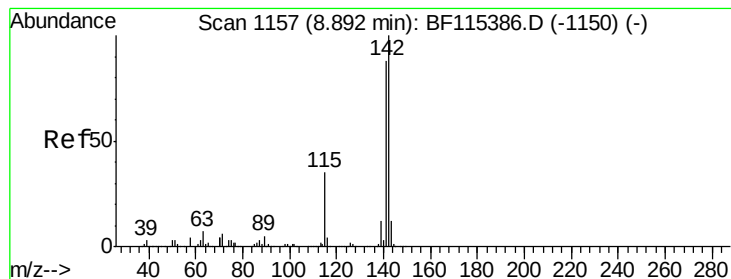
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#36
 4-Chloro-3-methylphenol
 Concen: 43.130 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.5	30.7
142	83.4	63.9	95.9





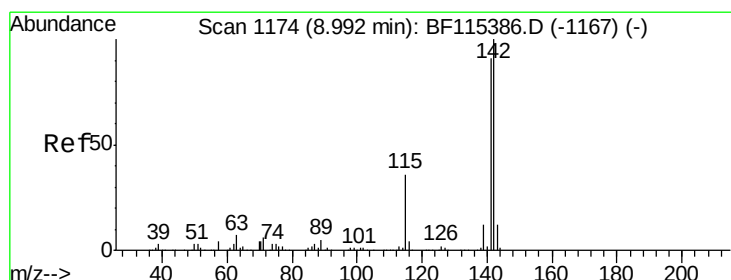
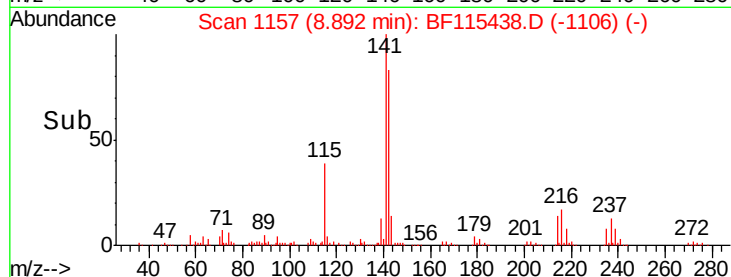
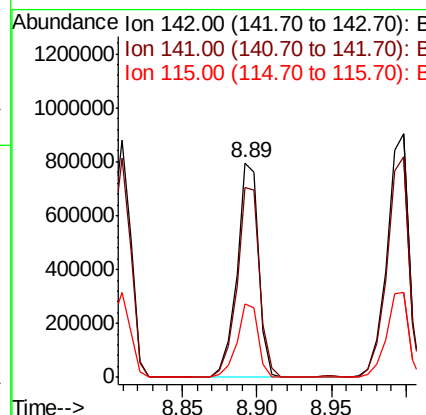
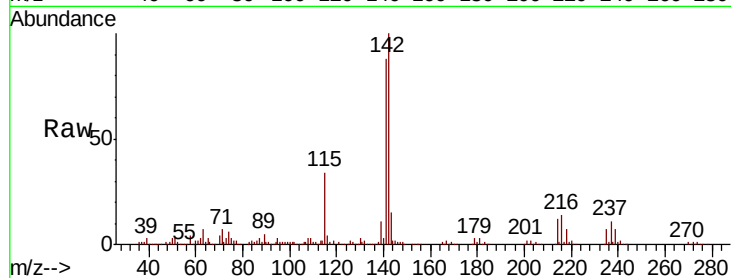
#37
2-Methylnaphthalene
Concen: 36.750 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.8	107.6
115	34.0	27.8	41.6

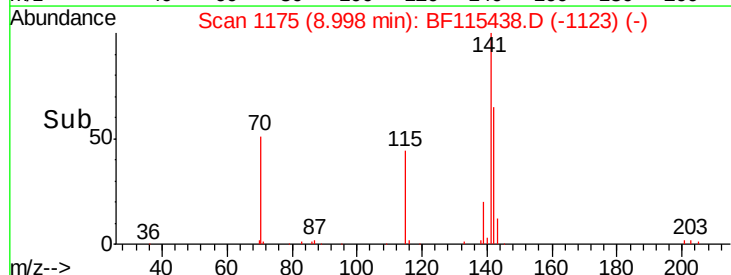
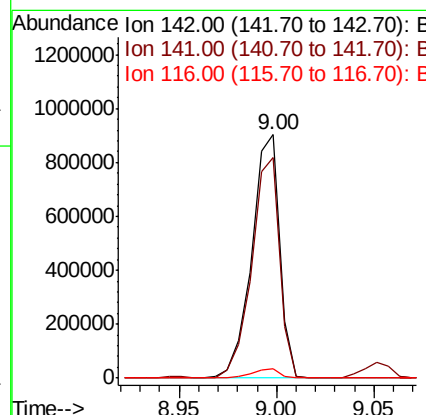
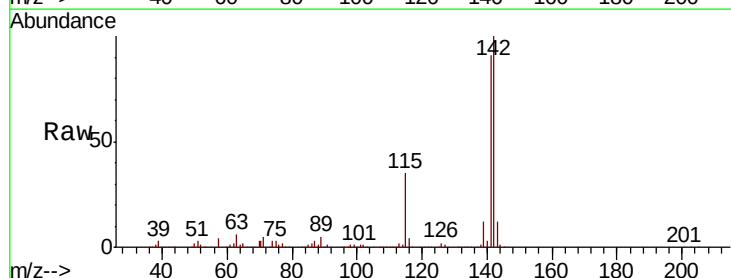
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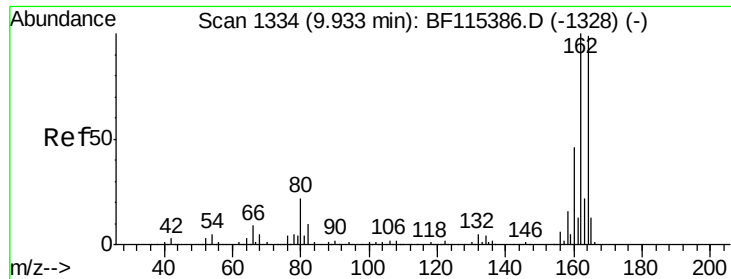
mohammad
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#38
1-Methylnaphthalene
Concen: 42.554 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.9	110.9
116	3.6	3.0	4.4





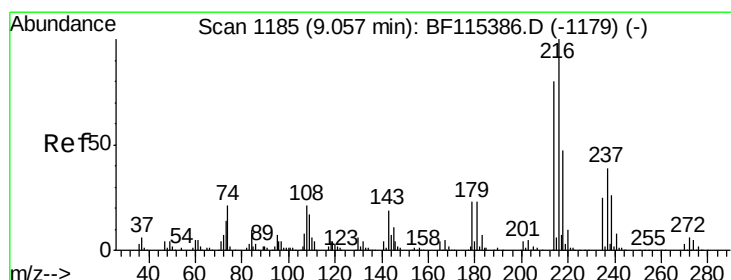
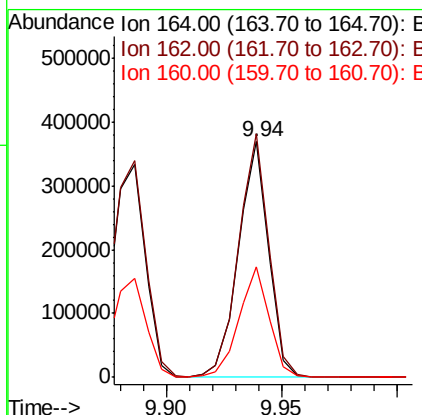
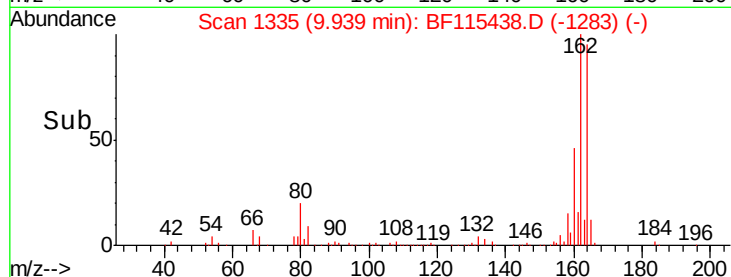
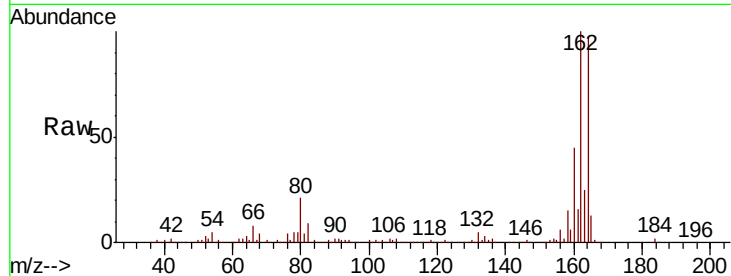
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	81.5	122.3	
160	47.0	36.6	55.0	

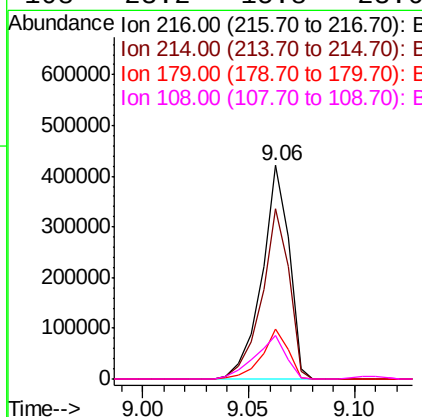
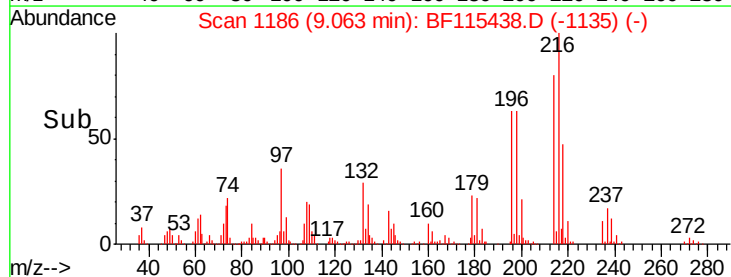
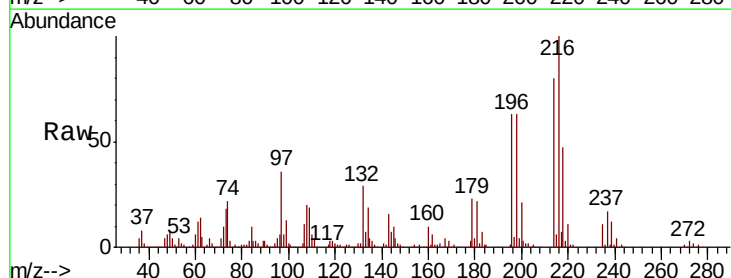
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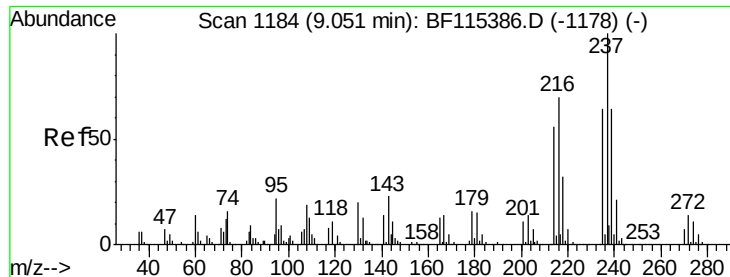
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.029 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.7	95.5	
179	22.5	17.4	26.2	
108	23.2	15.8	23.6	





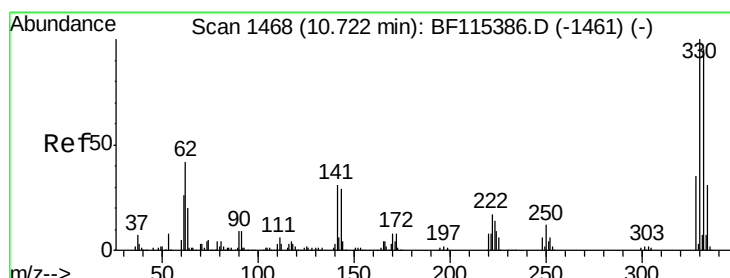
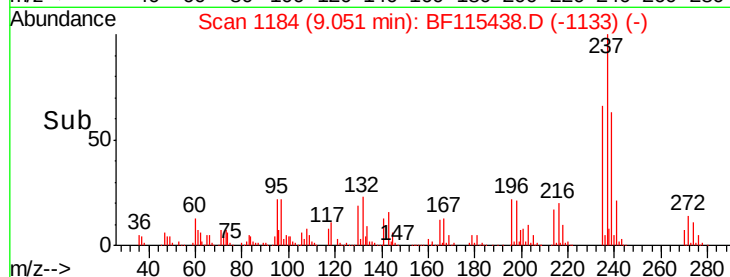
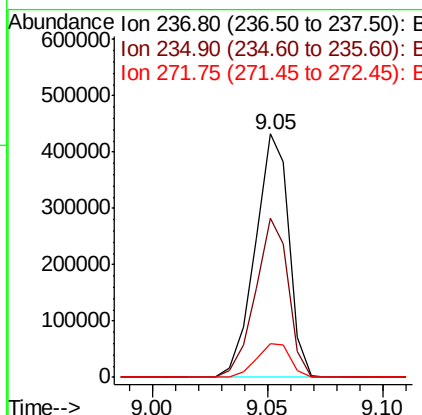
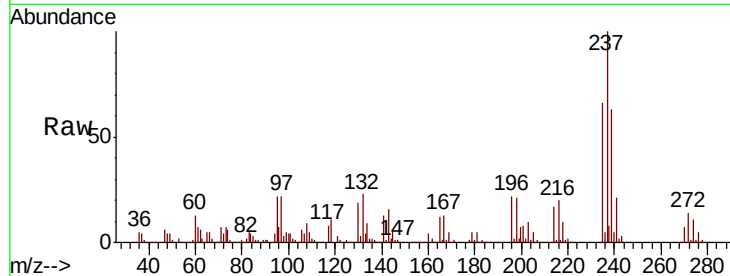
#41
Hexachlorocyclopentadiene
Concen: 78.367 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.5	42.3	82.3	
272	14.0	0.0	34.2	

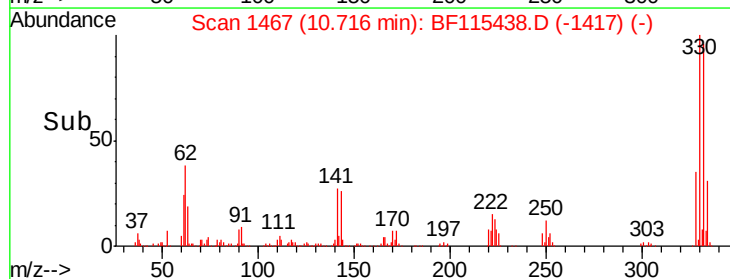
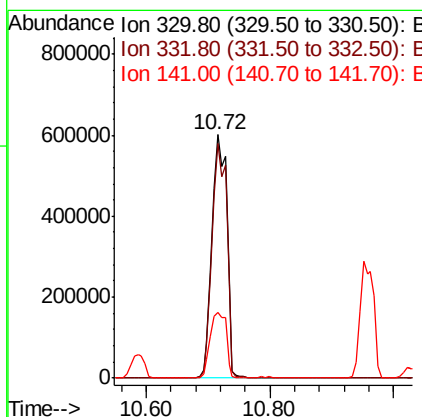
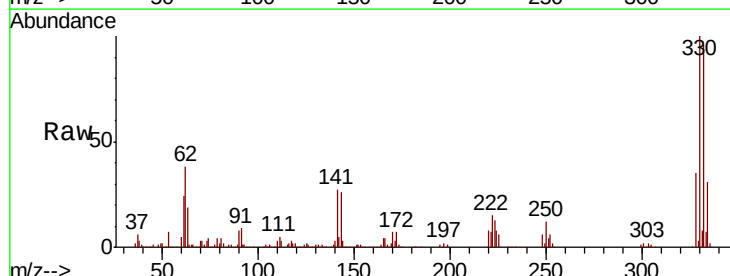
Manual Integrations
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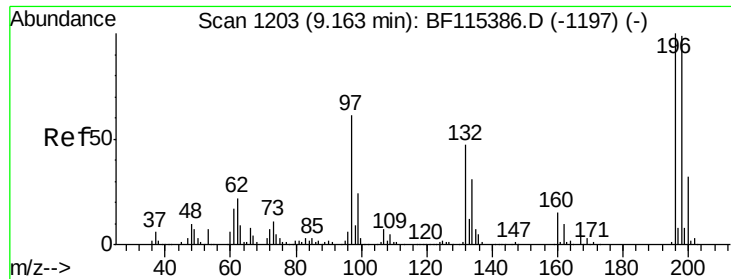
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#42
2,4,6-Tribromophenol
Concen: 266.205 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	76.6	115.0	
141	29.1	25.1	37.7	





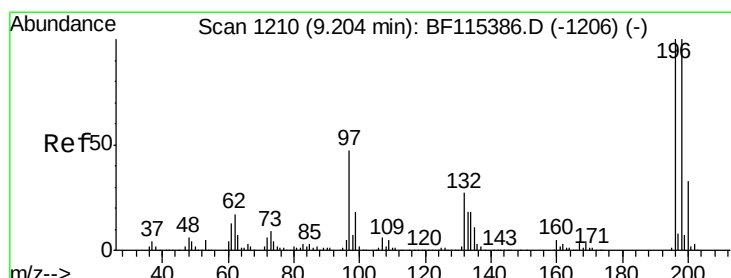
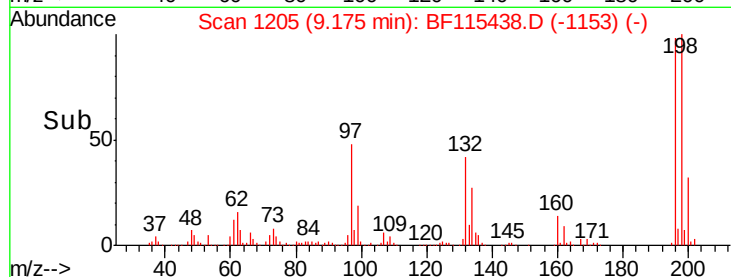
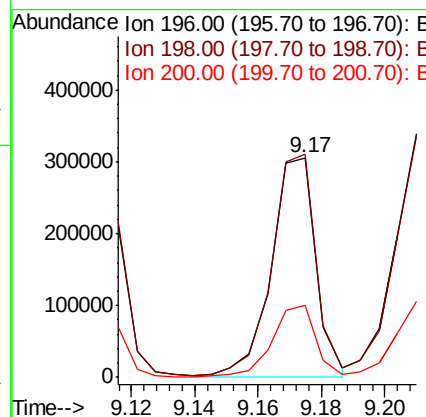
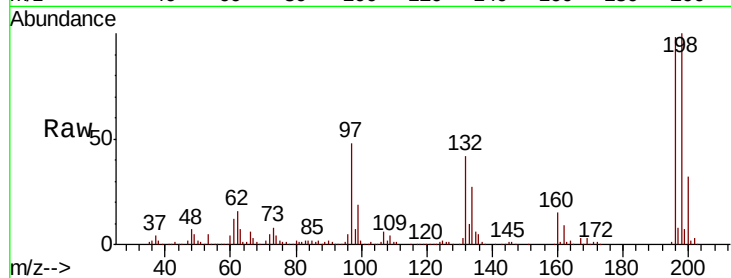
#43
 2,4,6-Trichlorophenol
 Concen: 42.584 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	299623		
198	101.7	80.7	121.1	
200	32.9	26.2	39.2	

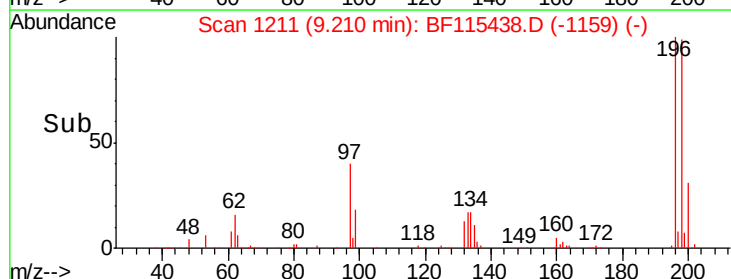
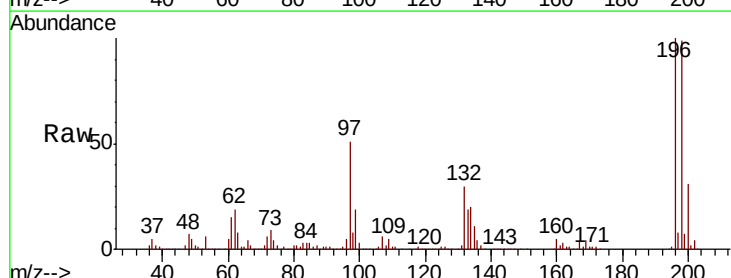
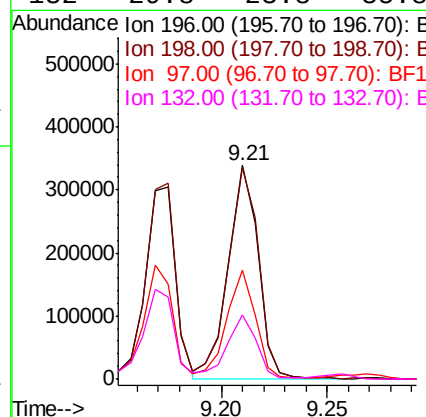
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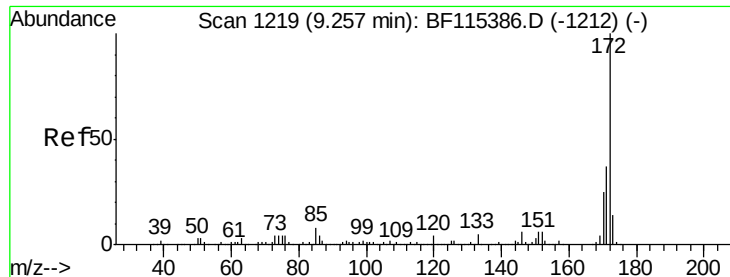
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#44
 2,4,5-Trichlorophenol
 Concen: 45.548 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332313		
198	99.0	78.6	118.0	
97	50.8	41.4	62.2	
132	29.8	23.8	35.8	





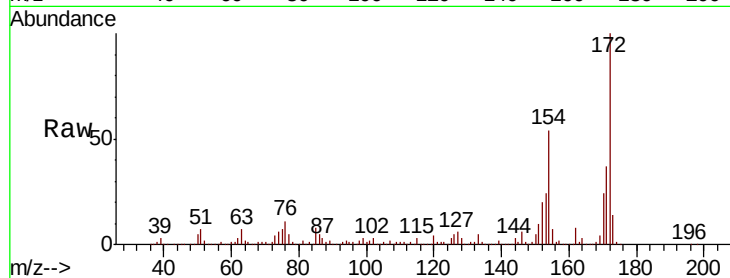
#45
2-Fluorobiphenyl
Concen: 80.782 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.8
170	24.1	19.8	29.6

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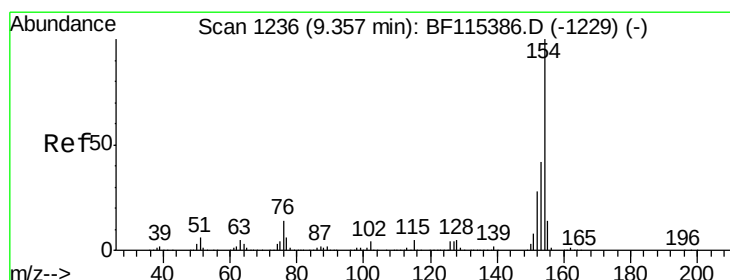
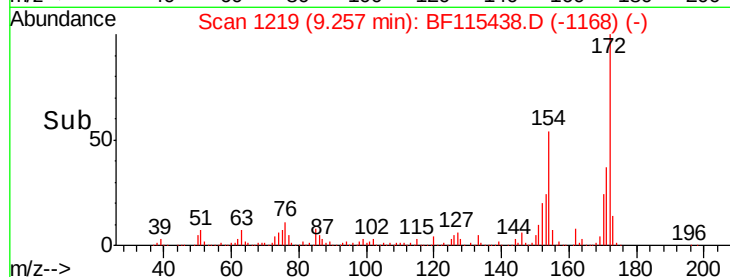
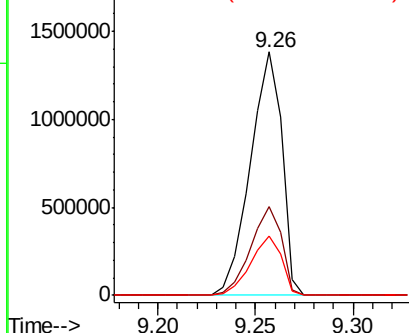


Abundance

Ion 172.00 (171.70 to 172.70): E

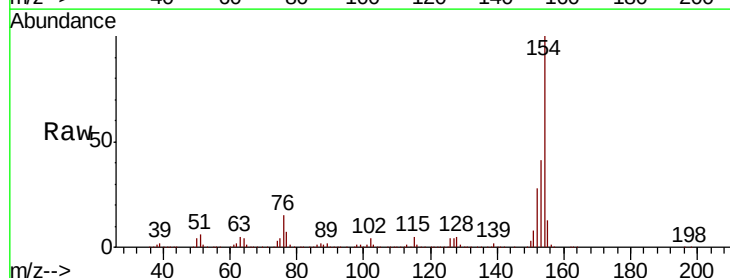
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.813 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	14.6	0.0	34.2

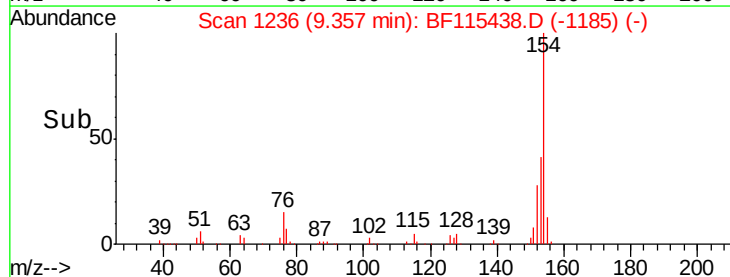
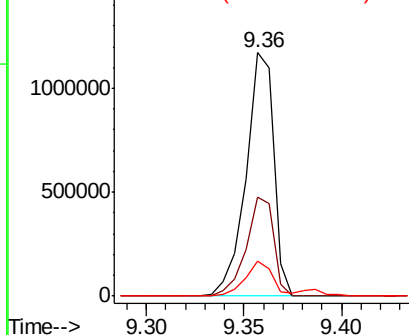


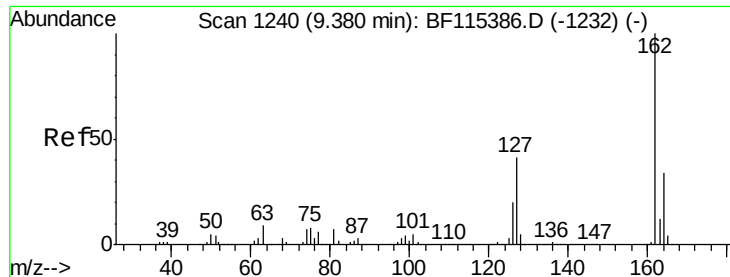
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.039 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

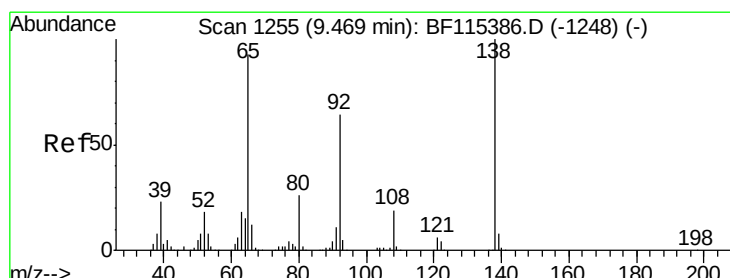
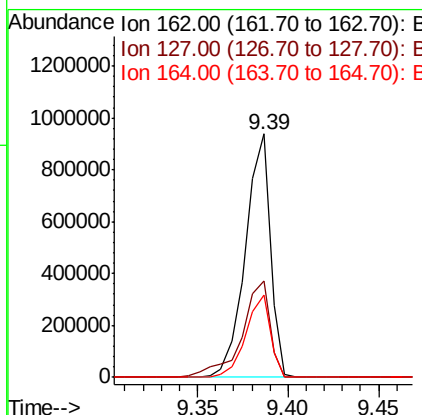
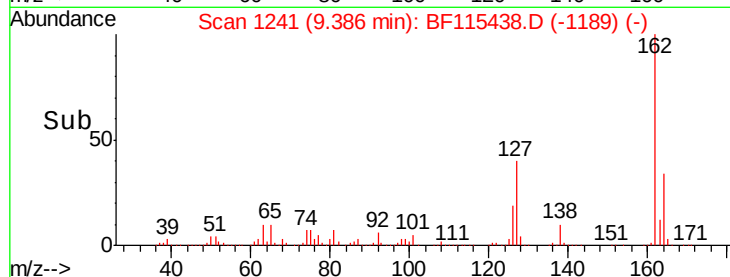
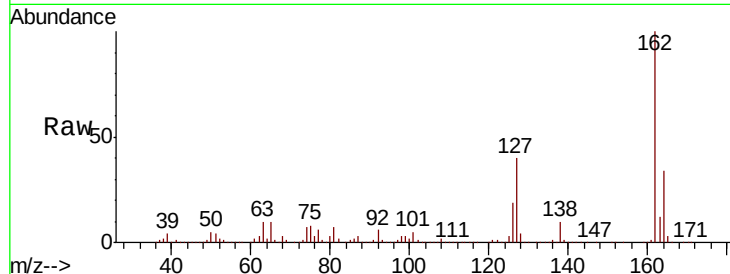
ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:	162	Resp:	895775
Ion Ratio	Lower	Upper	
162	100		
127	39.6	32.5	48.7
164	33.8	26.6	40.0

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#48

2-Nitroaniline

Concen: 45.541 ng

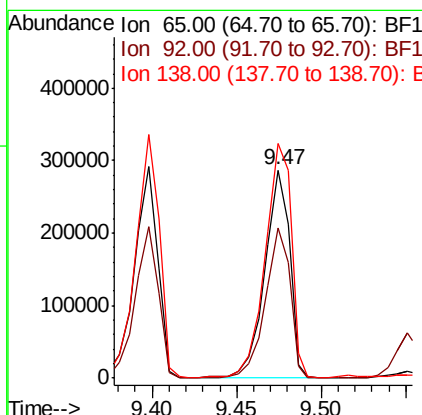
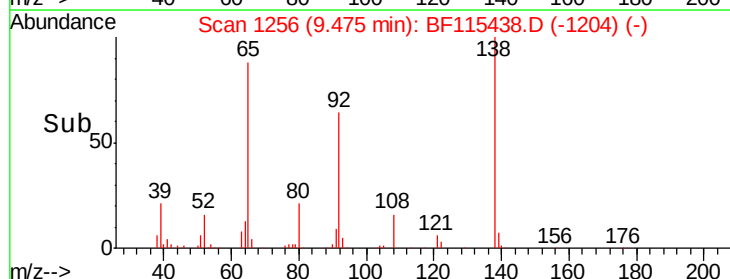
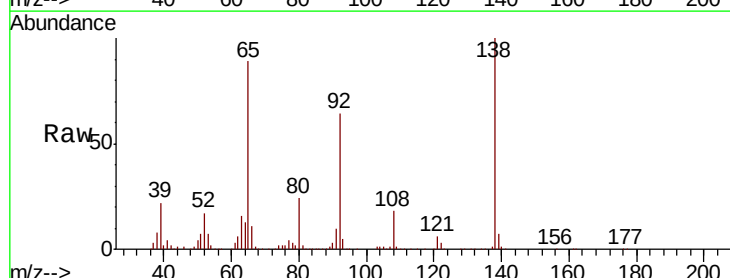
RT: 9.47 min Scan# 1256

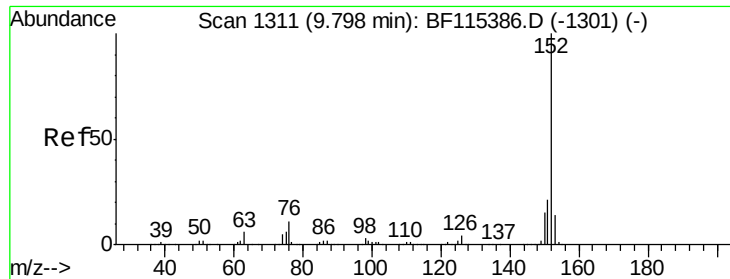
Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Tgt Ion:	65	Resp:	292049
Ion Ratio	Lower	Upper	
65	100		
92	72.1	55.3	82.9
138	112.8	86.6	130.0





#49

Acenaphthylene

Concen: 42.664 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:152 Resp: 1409943

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

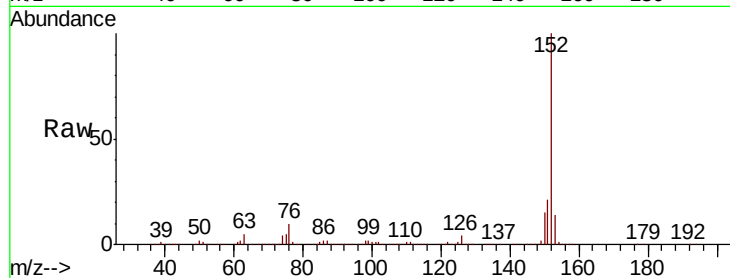
153 14.0 11.5 17.3

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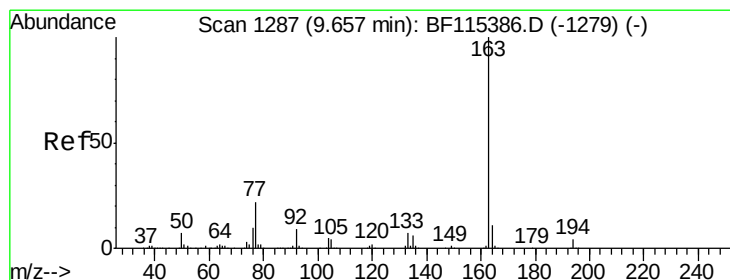
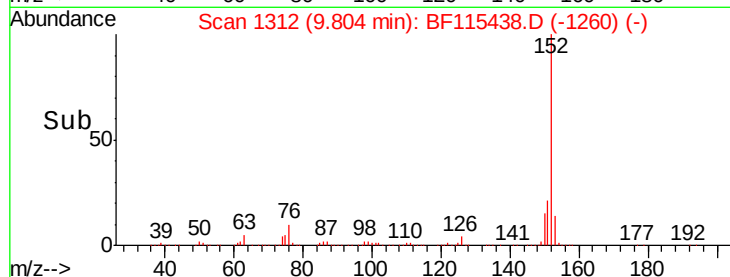
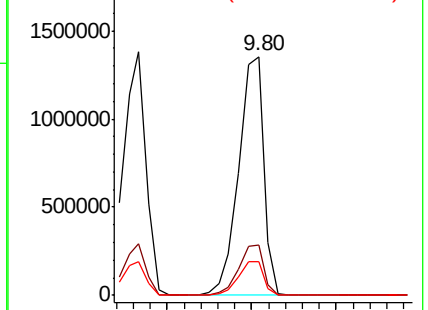
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.300 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

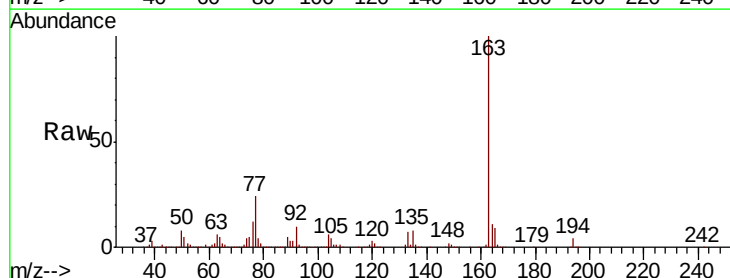
Tgt Ion:163 Resp: 1318724

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

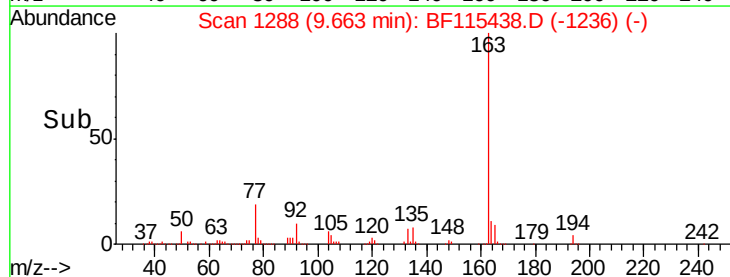
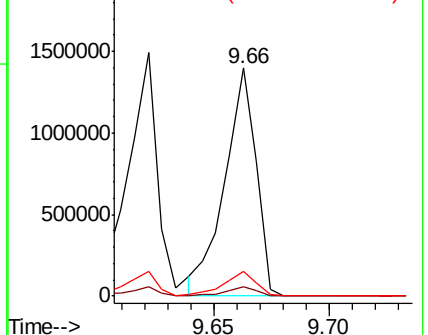
164 11.0 8.5 12.7

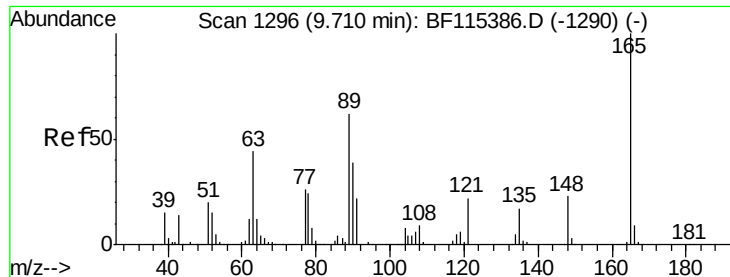


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





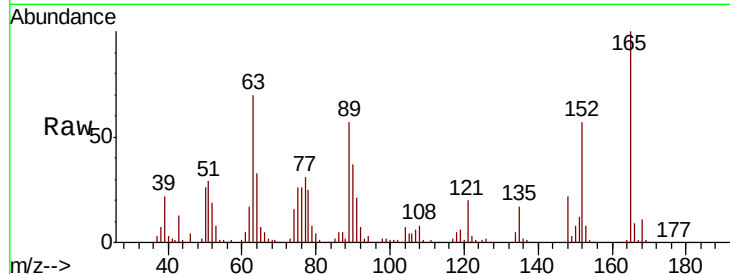
#51
2,6-Dinitrotoluene
Concen: 44.269 ng m
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

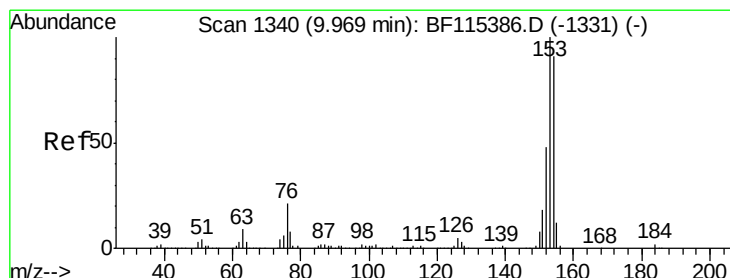
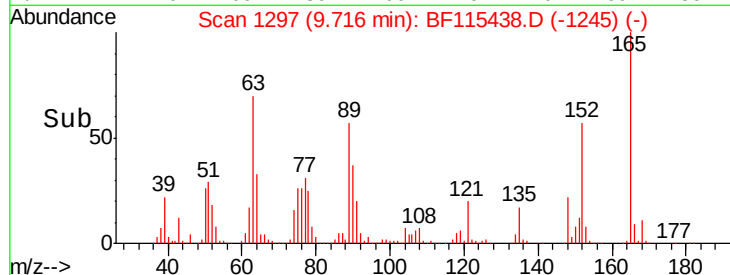
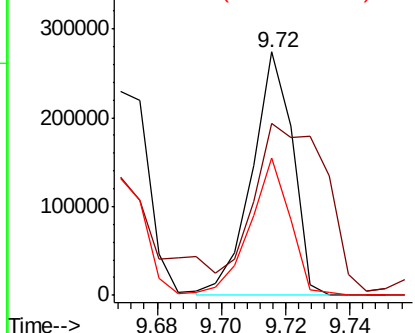
Tot Ion	Ratio	Resp	Lower	Upper
165	100	242088		
63	70.5	44.6	66.8#	
89	56.7	47.2	70.8	

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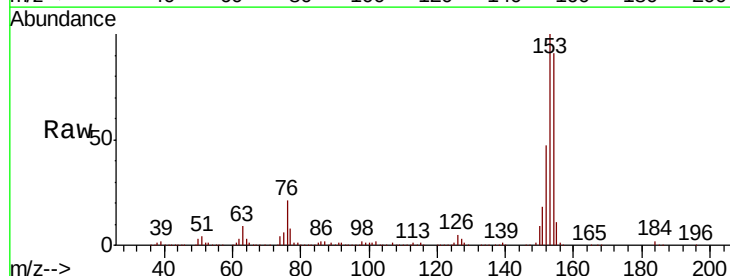


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

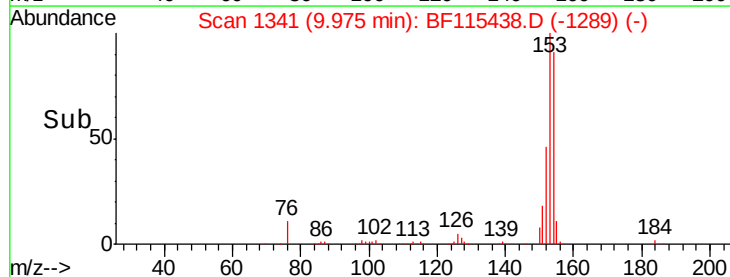
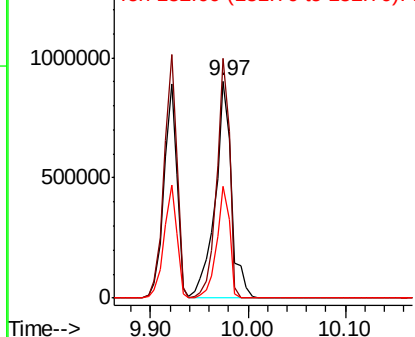


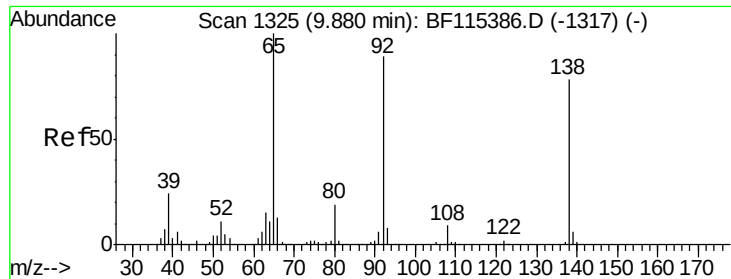
#52
Acenaphthene
Concen: 50.126 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1042556		
153	110.4	88.6	133.0	
152	51.4	41.4	62.0	



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





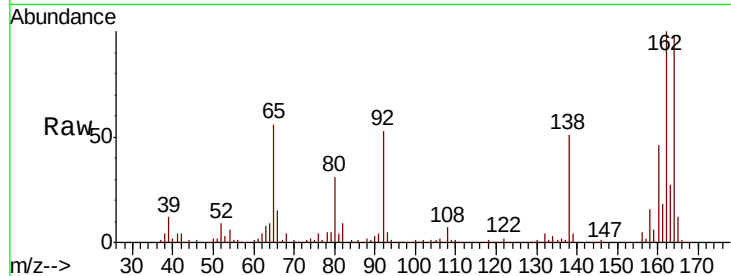
#53
3-Nitroaniline
Concen: 27.104 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.4	8.1	12.1#
92	103.6	89.1	133.7

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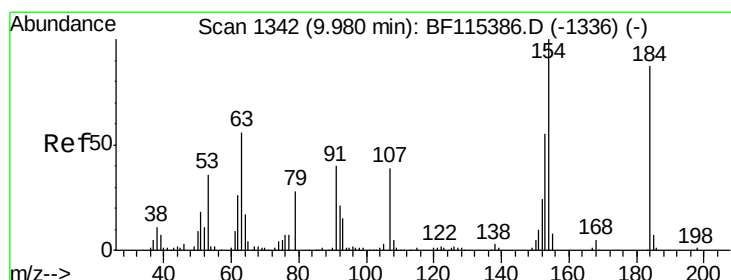
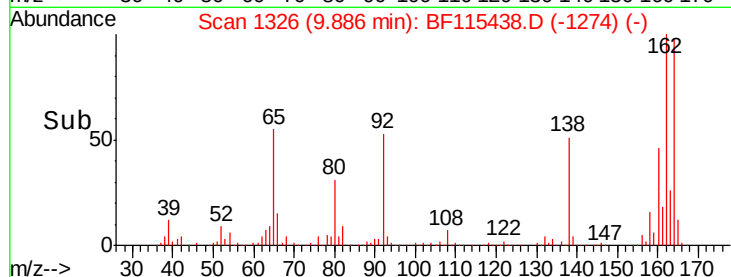
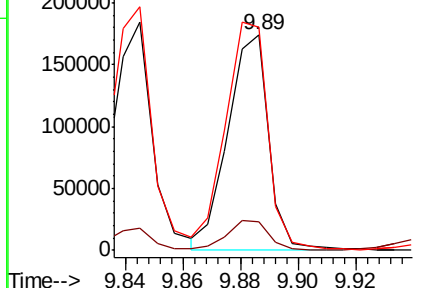


Abundance

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: 83.432 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

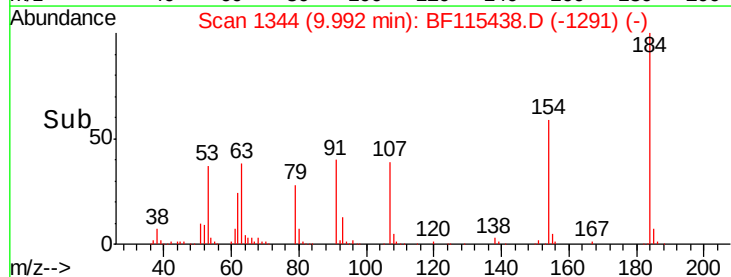
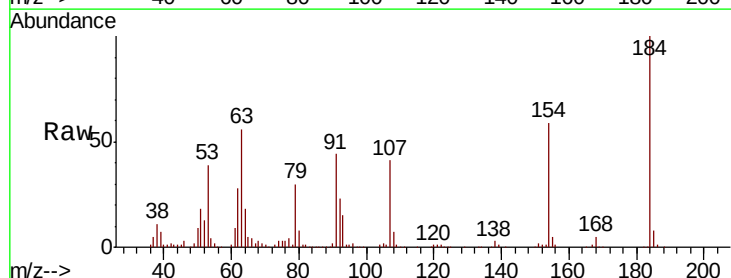
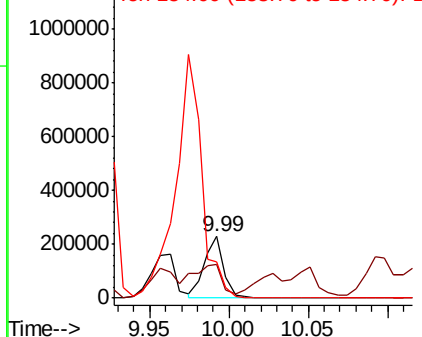
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	51.4	77.2
154	59.0	94.5	141.7#

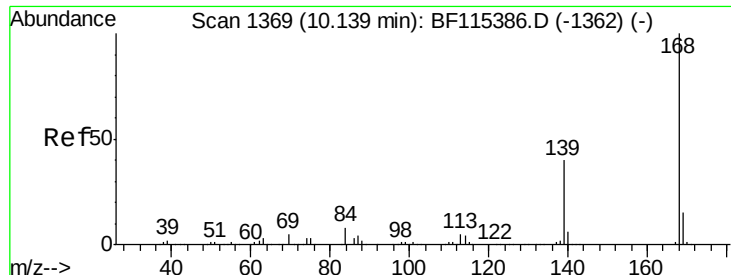
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





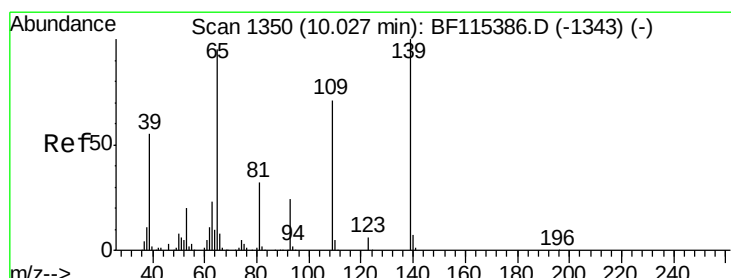
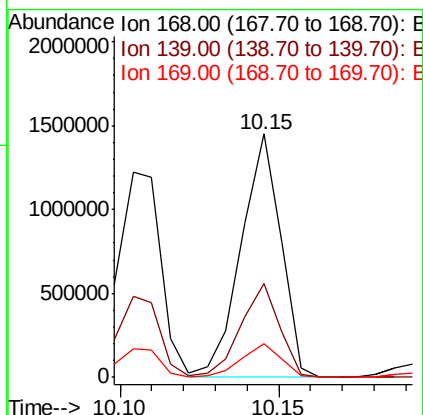
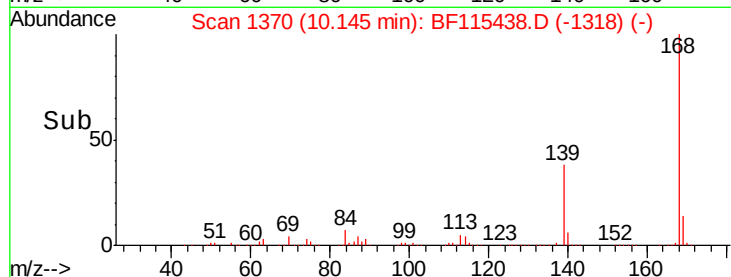
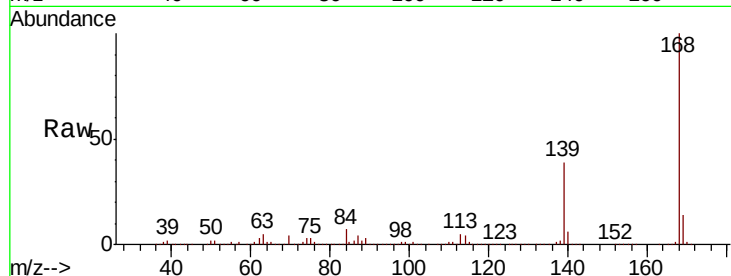
#55
Dibenzenofuran
Concen: 42.991 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion:168 Resp: 1259547
Ion Ratio Lower Upper
168 100
139 38.6 31.3 46.9
169 13.9 11.4 17.2

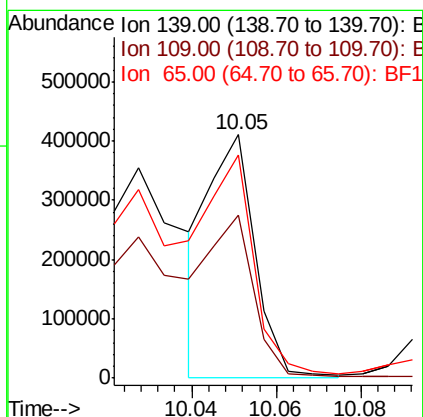
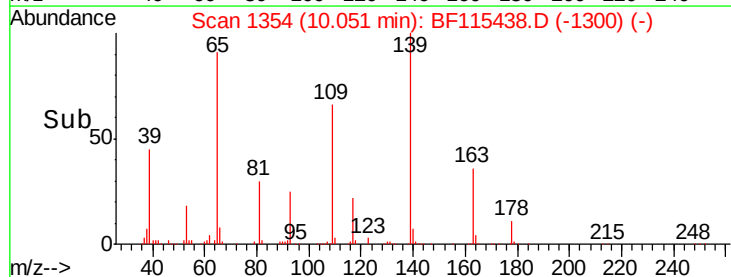
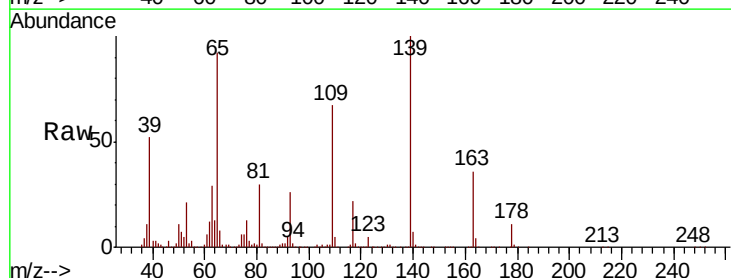
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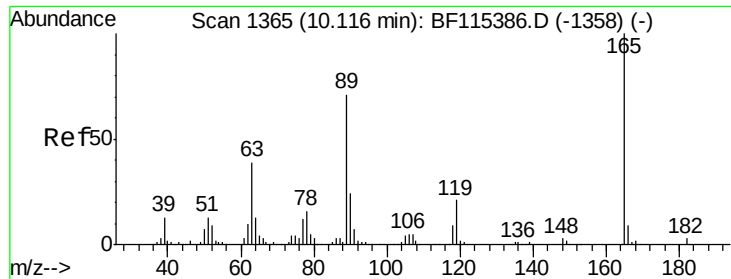
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#56
4-Nitrophenol
Concen: 63.251 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion:139 Resp: 310813
Ion Ratio Lower Upper
139 100
109 66.7 43.1 83.1
65 91.6 57.5 97.5





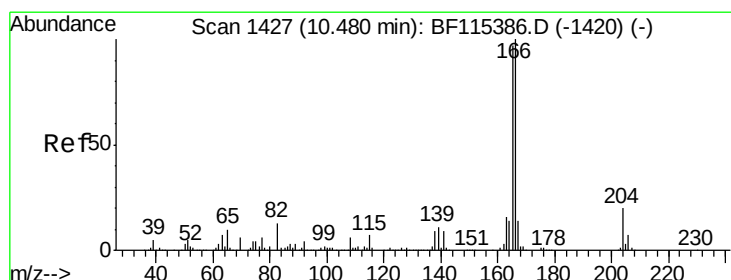
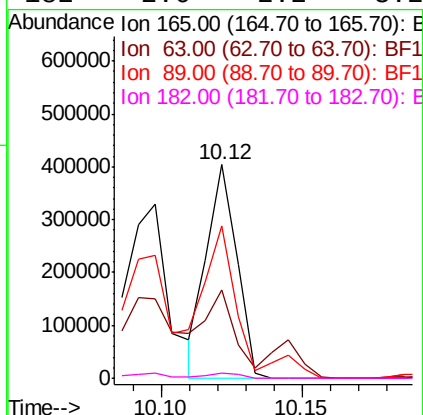
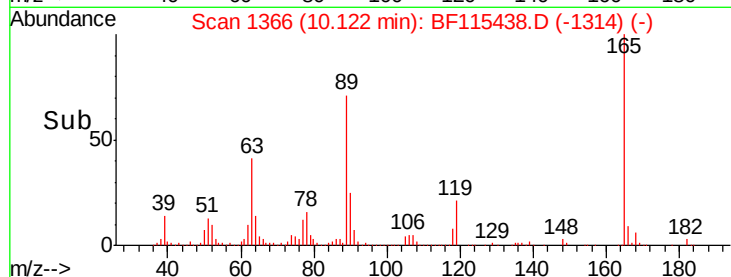
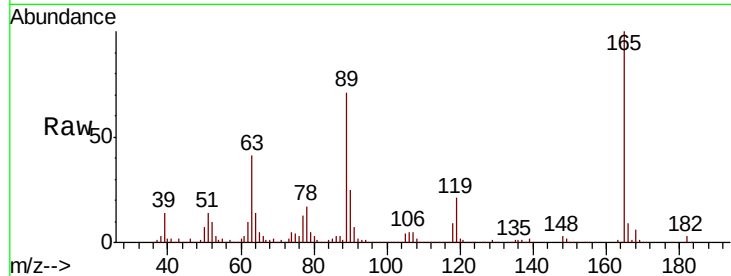
#57
2,4-Dinitrotoluene
Concen: 43.308 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.1	29.1	43.7	
89	71.3	52.9	79.3	
182	2.6	2.2	3.2	

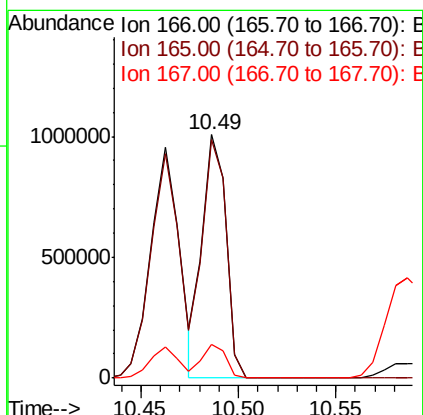
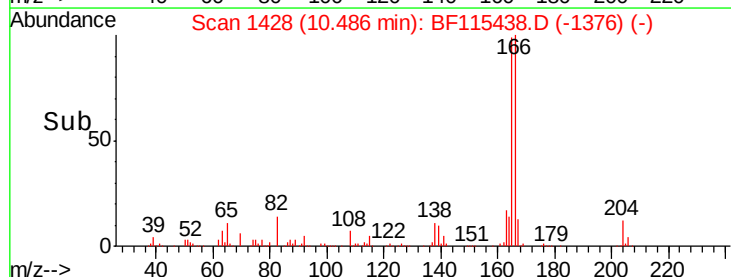
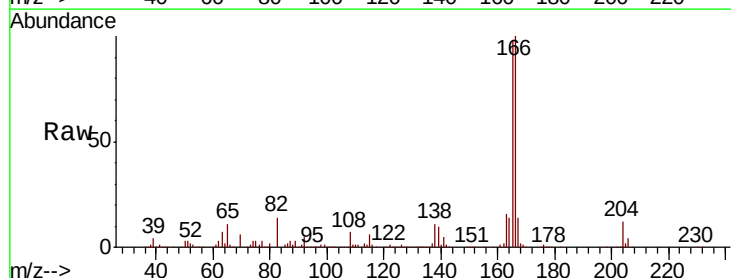
Manual Integrations
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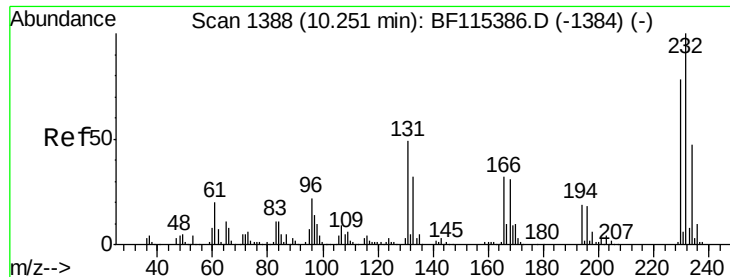
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#58
Fluorene
Concen: 37.013 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	78.9	118.3	
167	13.7	11.1	16.7	





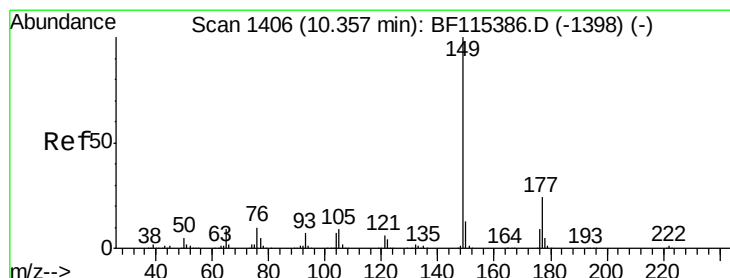
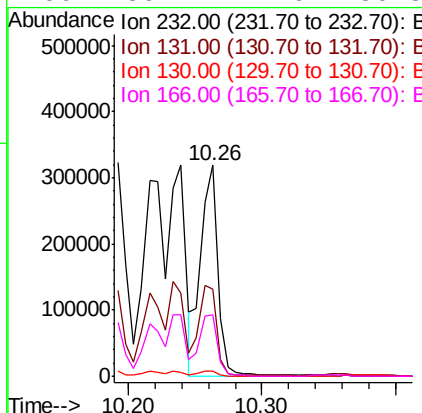
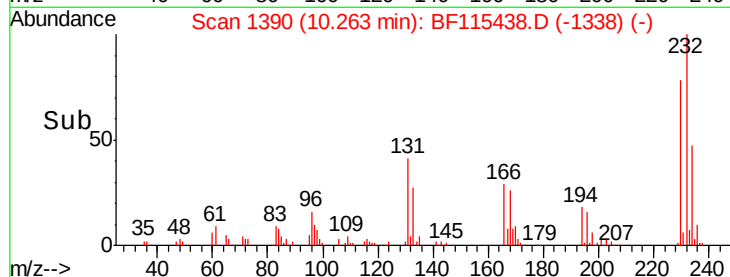
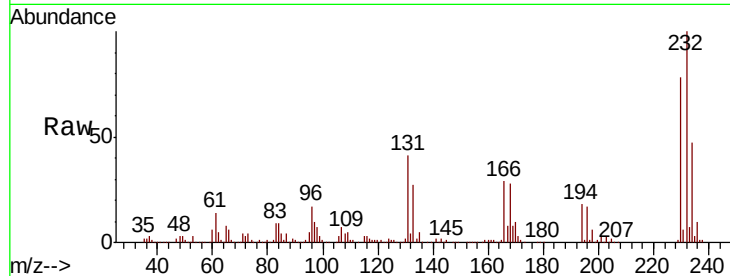
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.243 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	285152		
131	44.5	36.0	54.0	
130	2.4	1.8	2.6	
166	30.4	24.6	36.8	

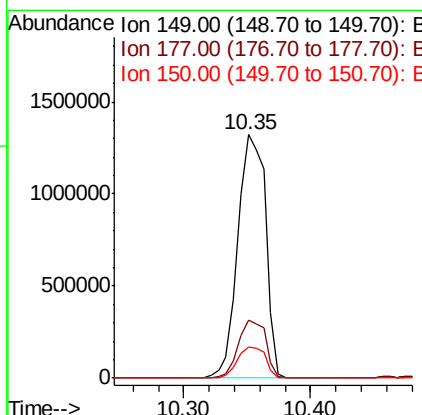
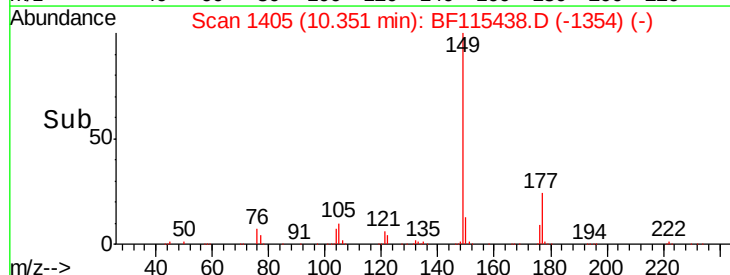
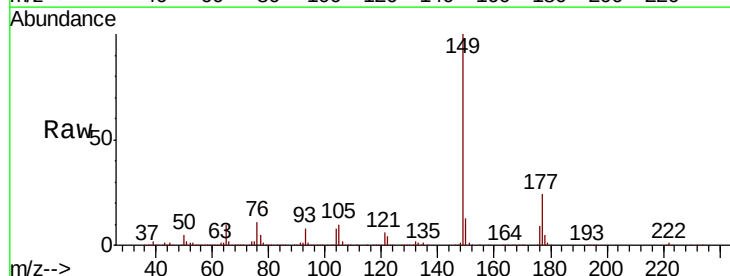
Manual Integrations
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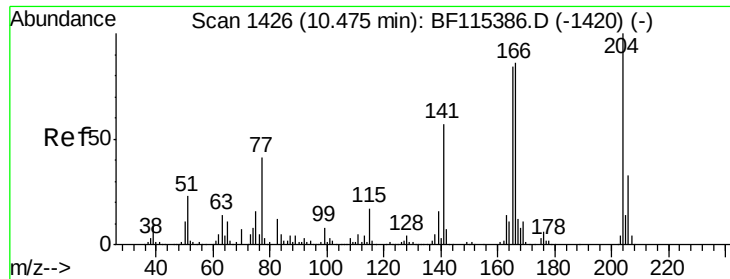
mohammad
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#60
Diethylphthalate
Concen: 80.773 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2004687		
177	23.7	18.2	27.2	
150	13.0	10.4	15.6	





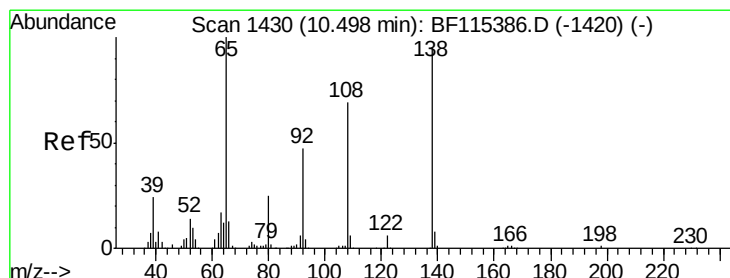
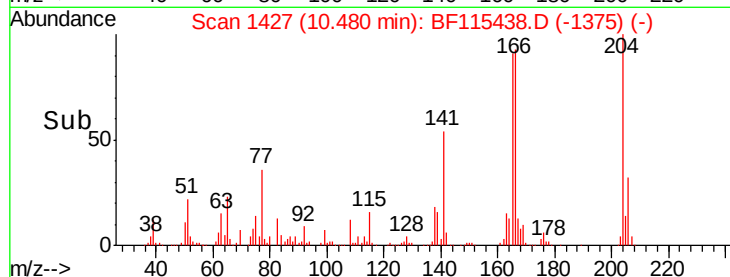
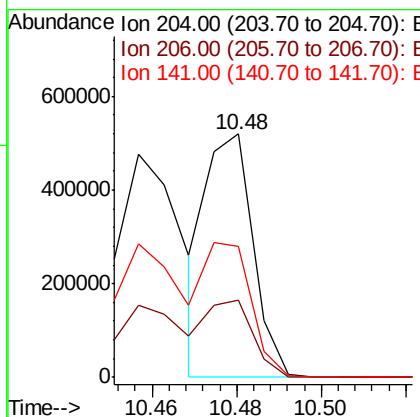
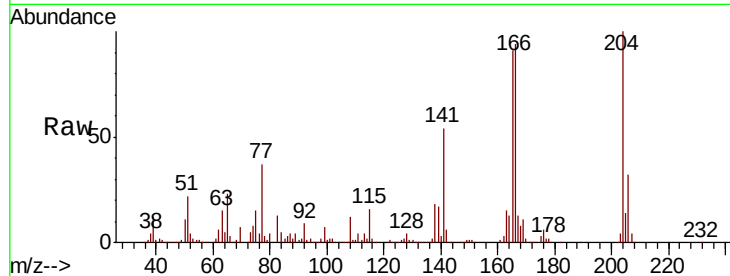
#61
 4-Chlorophenyl-phenylether
 Concen: 35.282 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MSD

Tot Ion:	204	Resp:	397716
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.6	40.0
141	53.8	44.6	66.8

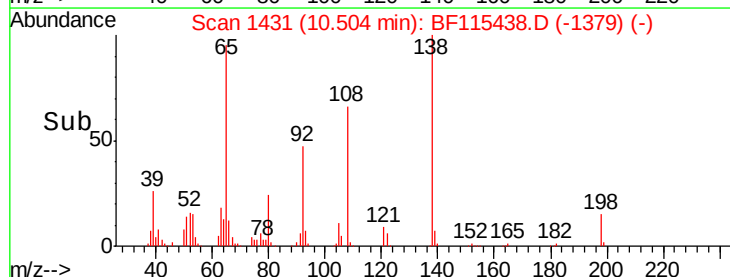
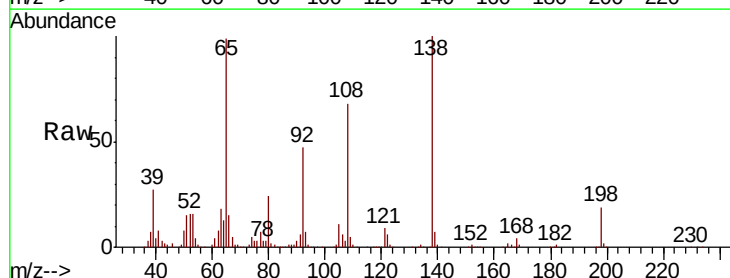
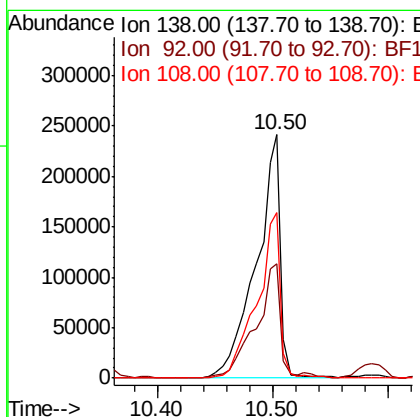
Manual Integrations
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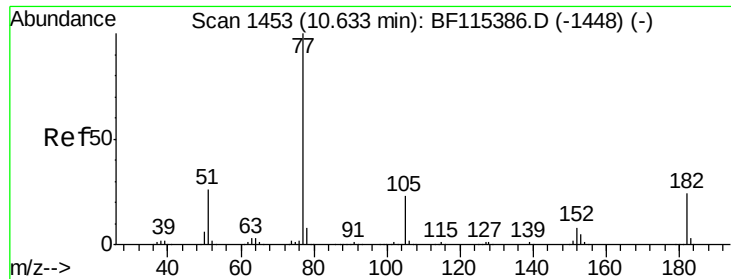
mohammad
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#62
 4-Nitroaniline
 Concen: 56.489 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Tgt Ion:	138	Resp:	352175
Ion Ratio	Lower	Upper	
138	100		
92	46.8	27.1	67.1
108	68.2	48.2	88.2





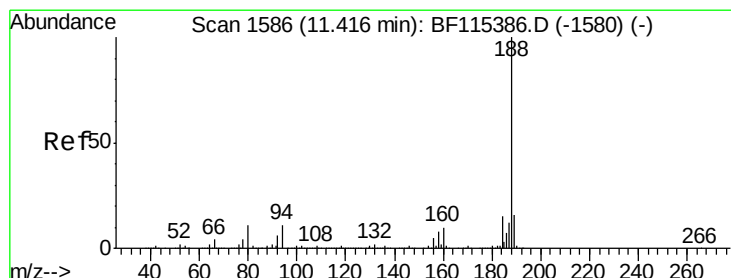
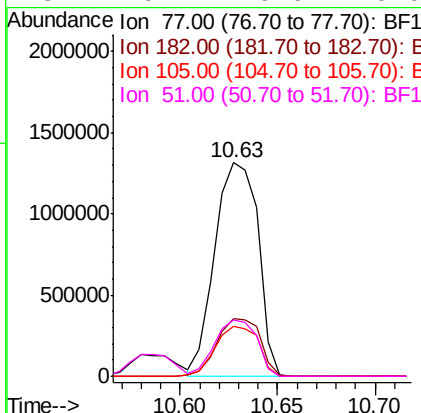
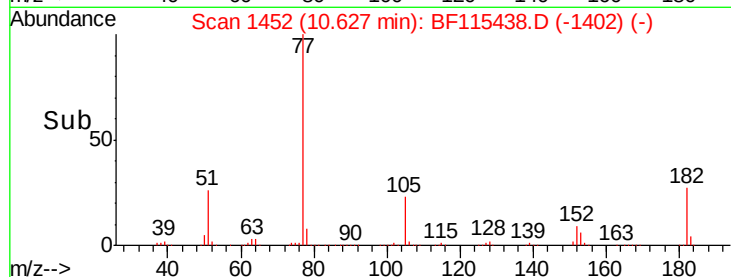
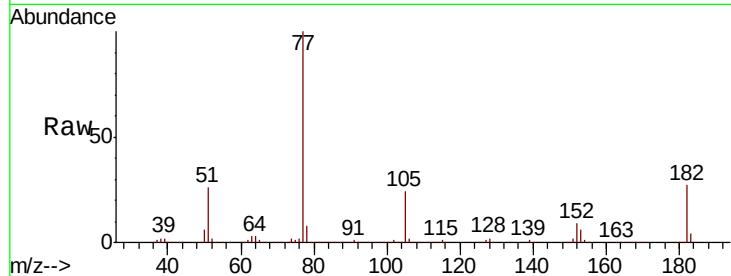
#63
Azobenzene
Concen: 78.812 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion: 77 Resp: 2016296
Ion Ratio Lower Upper
77 100
182 27.1 6.1 46.1
105 23.6 3.1 43.1
51 26.2 6.0 46.0

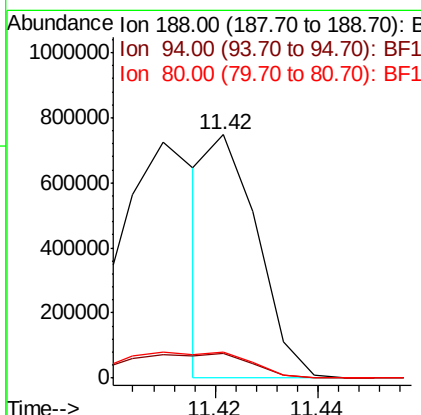
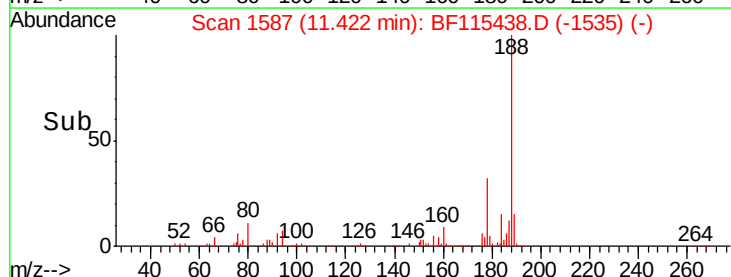
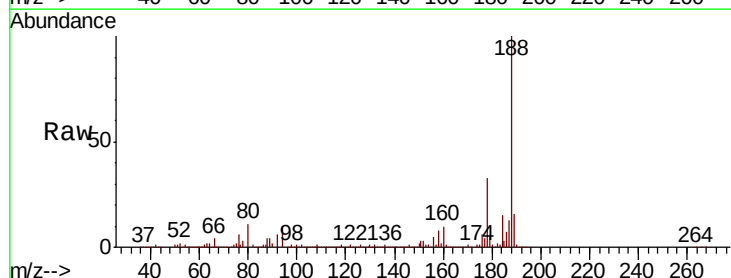
Manual Integrations
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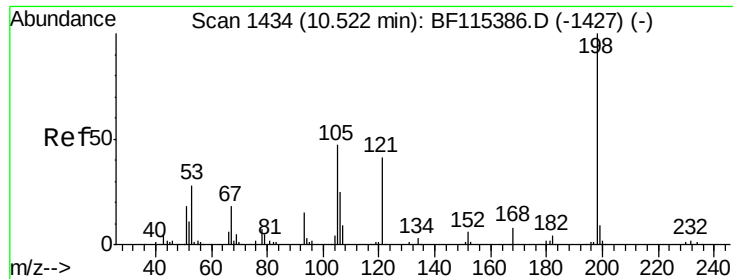
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#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion: 188 Resp: 487579
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.9 8.6 13.0





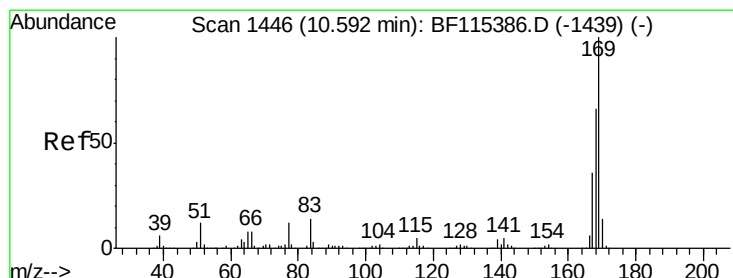
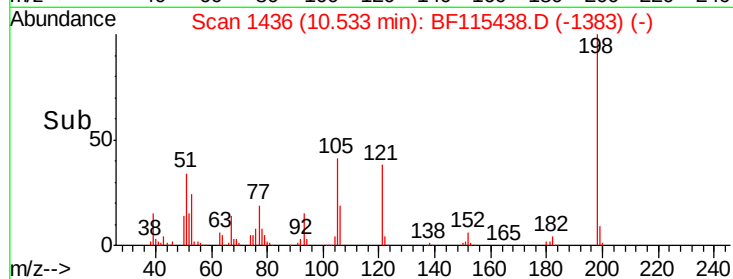
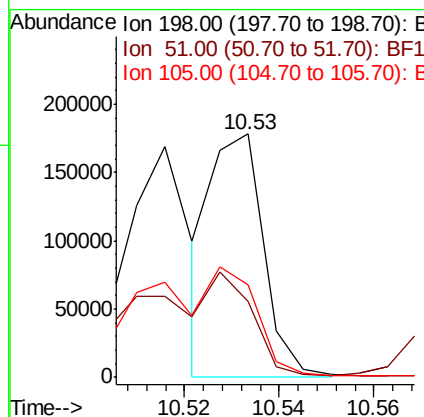
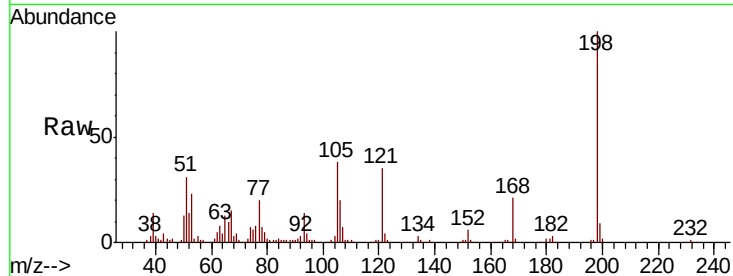
#65
4,6-Dinitro-2-methylphenol
Concen: 56.762 ng/ml
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	136492		
51	31.3	23.2	63.2	
105	38.1	26.3	66.3	

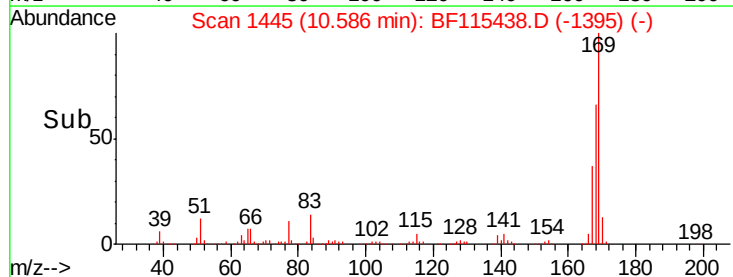
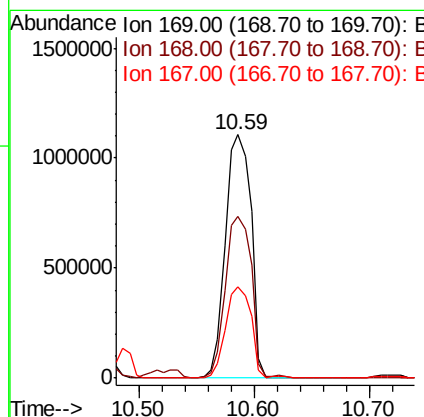
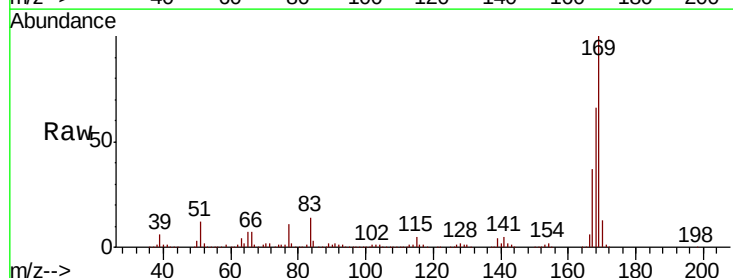
Manual Integrations
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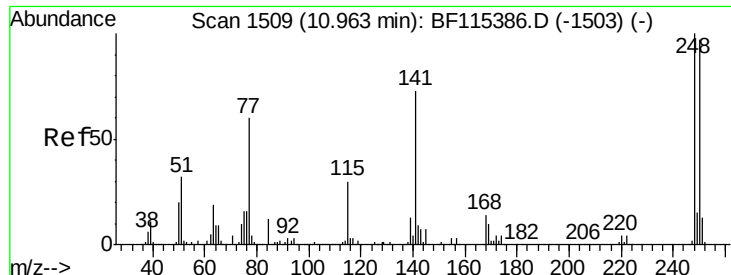
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#66
n-Nitrosodiphenylamine
Concen: 111.085 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1706577		
168	66.5	53.4	80.0	
167	37.4	29.2	43.8	





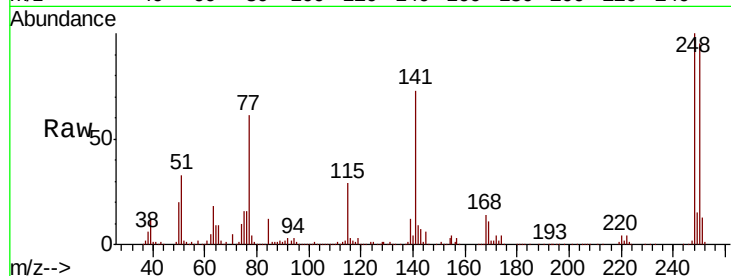
#67
4-Bromophenyl-phenylether
Concen: 112.111 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.0	115.4
141	73.0	55.6	83.4

Manual Integrations
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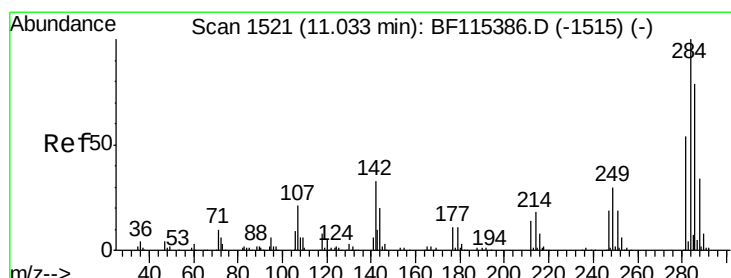
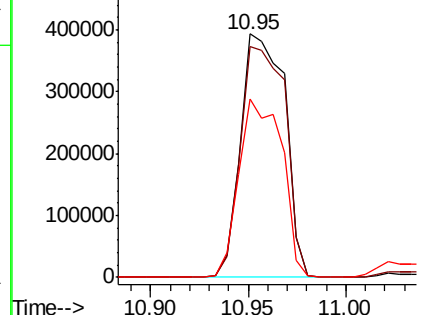
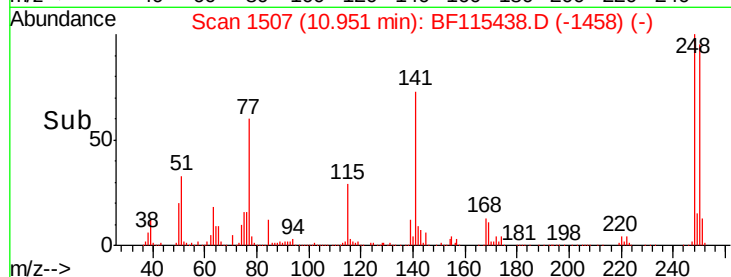


Abundance

Ion 248.00 (247.70 to 248.70): E

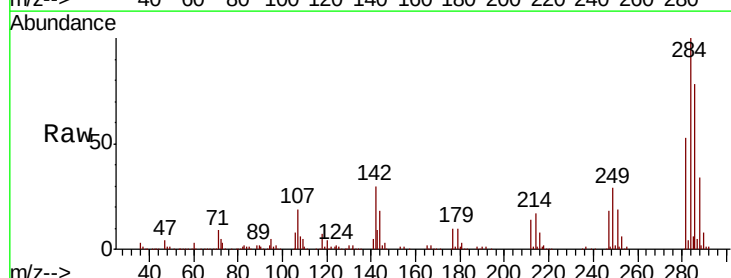
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 111.428 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.5	39.7
249	28.5	24.2	36.4

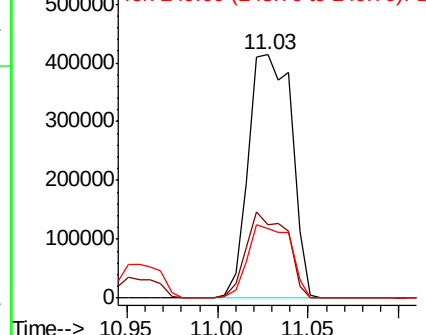
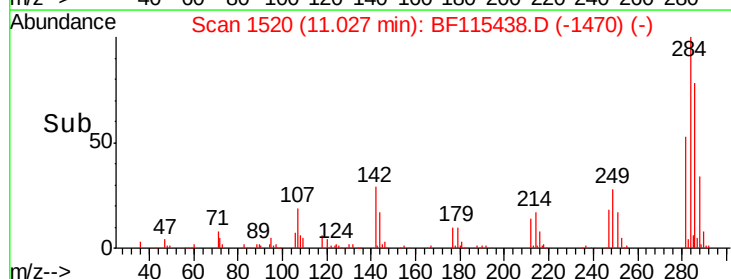


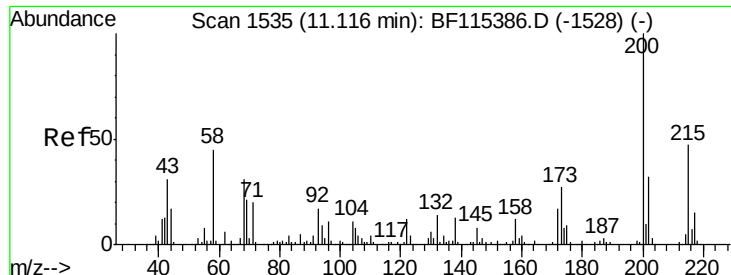
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





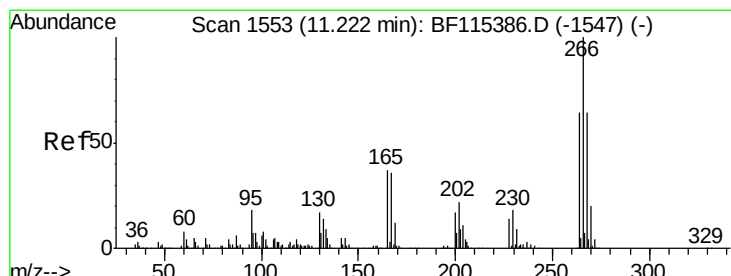
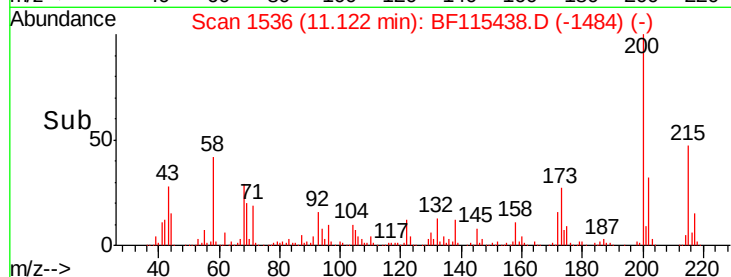
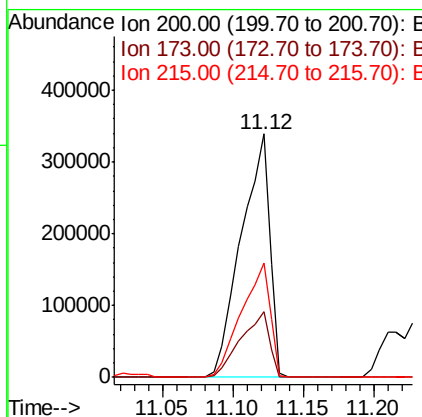
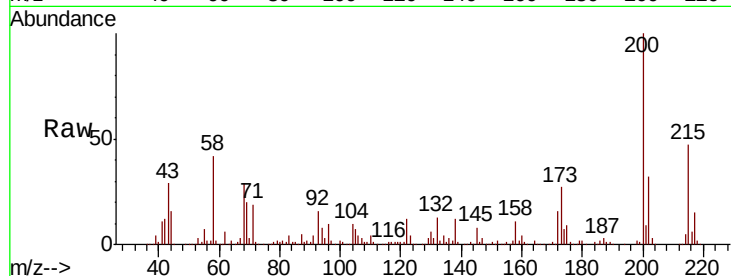
#69
Atrazine
Concen: 101.409 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.3	47.3
215	46.8	27.2	67.2

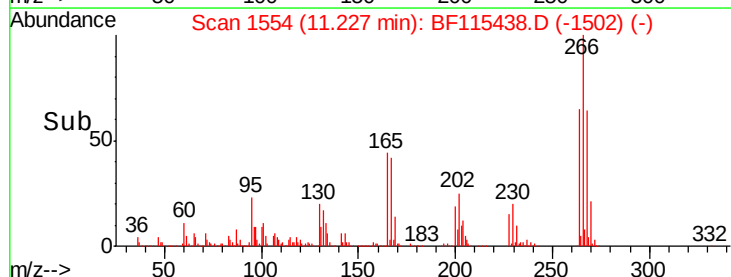
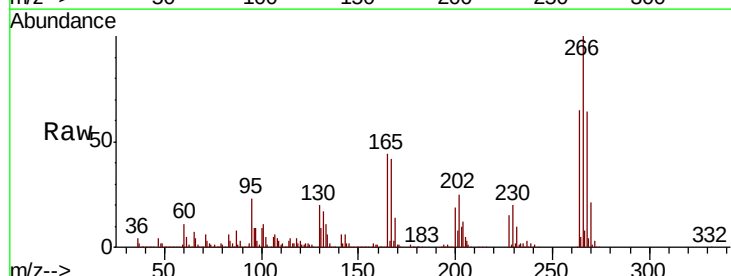
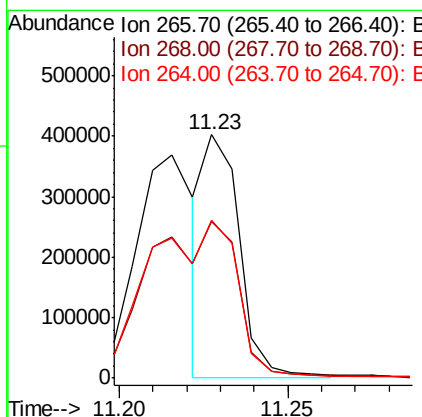
Manual Integrations
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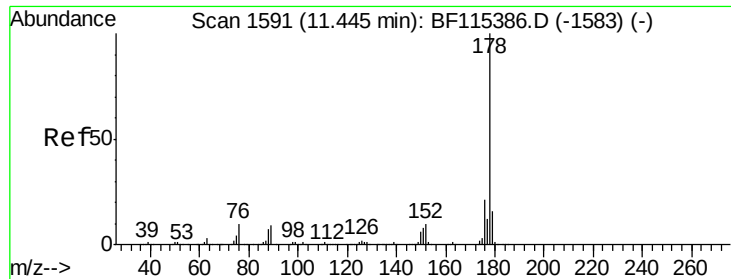
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#70
Pentachlorophenol
Concen: 80.486 ng m
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.0	75.0
264	64.9	50.5	75.7





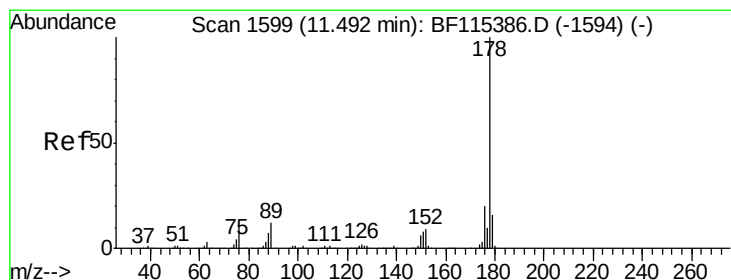
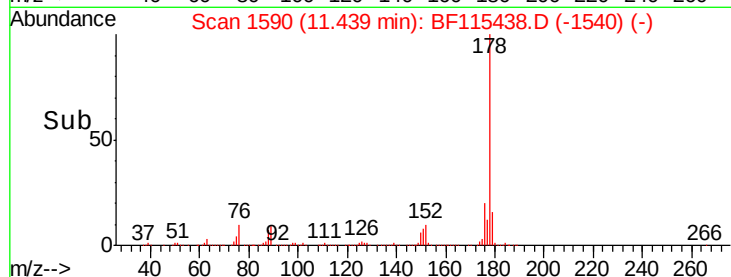
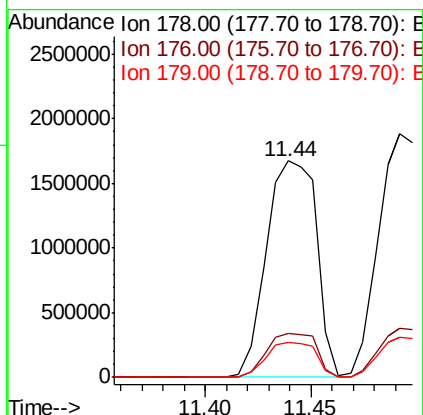
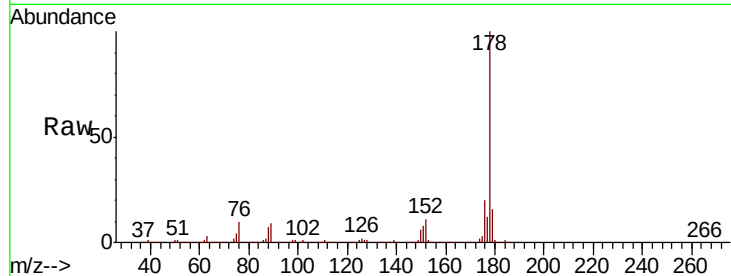
#71
Phenanthrene
Concen: 107.845 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion:178 Resp: 2765474
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.9 12.9 19.3

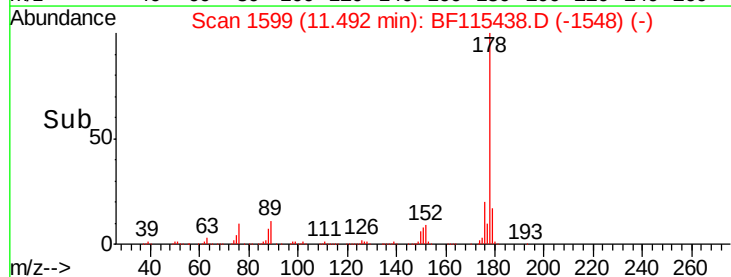
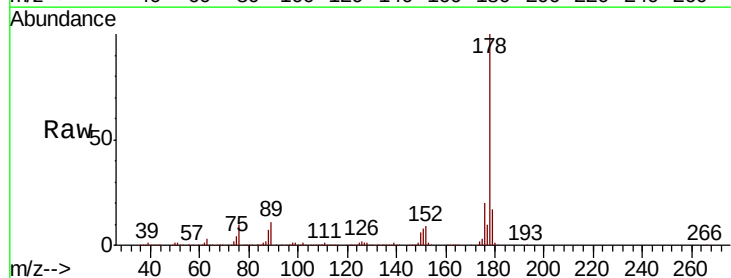
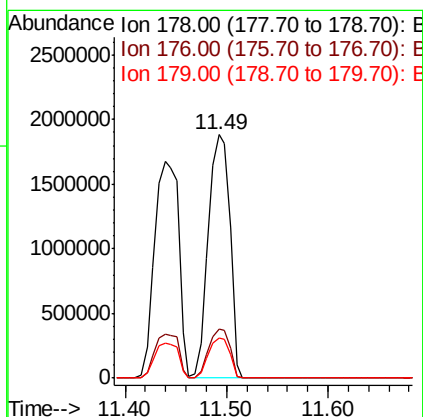
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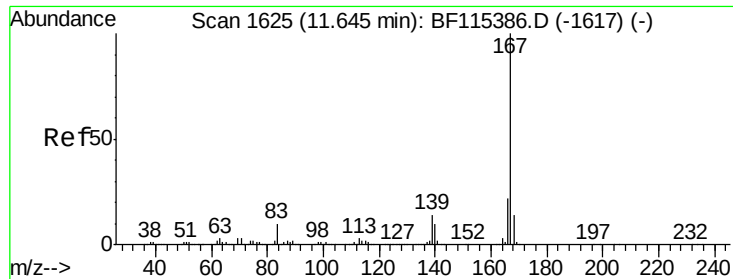
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#72
Anthracene
Concen: 107.902 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion:178 Resp: 2774607
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.6 13.0 19.4





#73

Carbazole

Concen: 100.813 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:167 Resp: 2371571

Ion Ratio Lower Upper

167 100

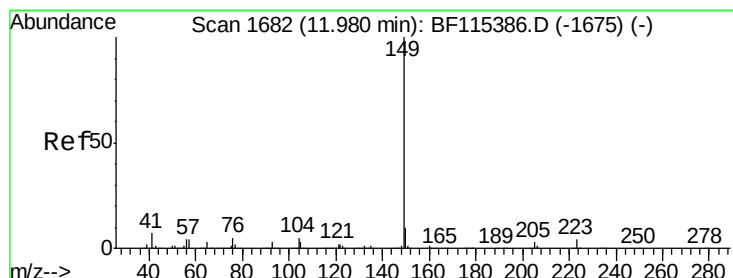
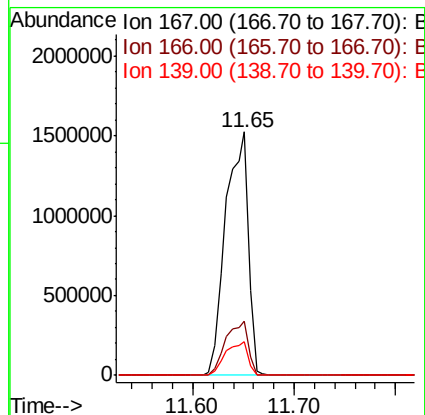
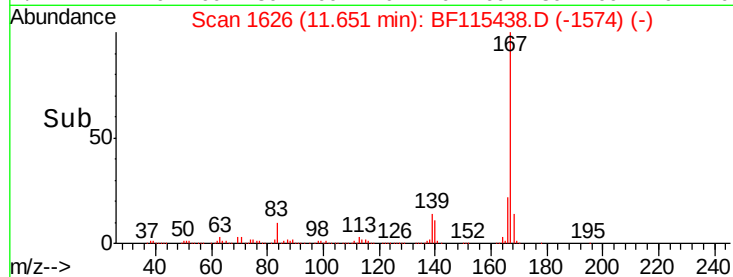
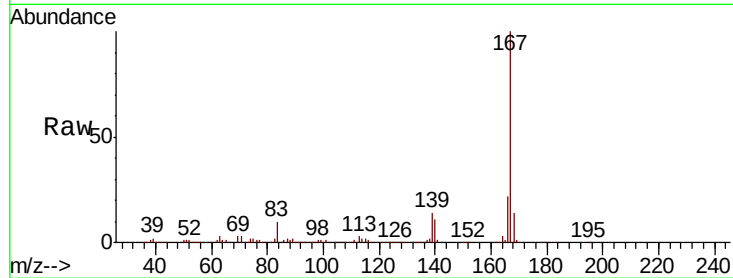
166 22.3 18.2 27.4

139 13.9 11.0 16.4

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 98.421 ng

RT: 11.99 min Scan# 1684

Delta R.T. 0.01 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

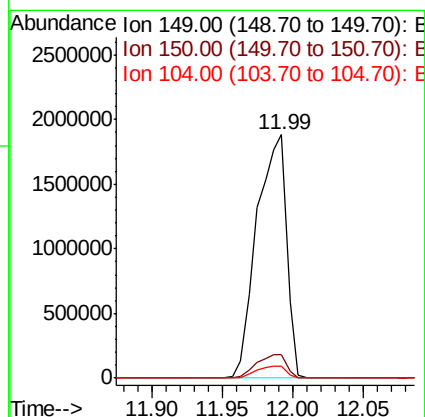
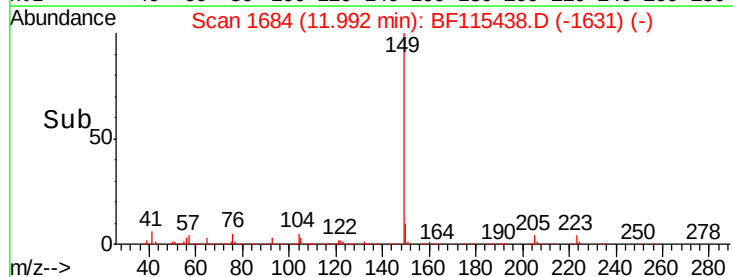
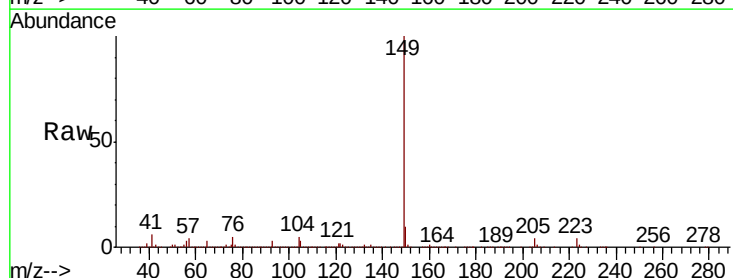
Tgt Ion:149 Resp: 2798165

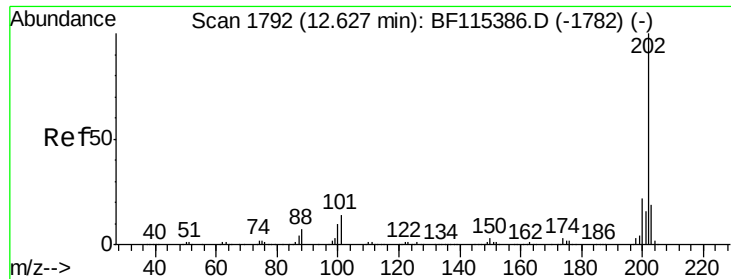
Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

104 5.0 4.2 6.2





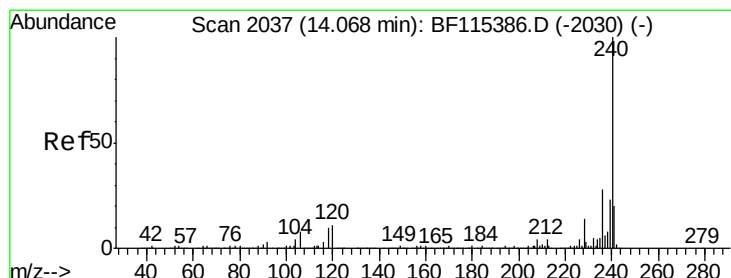
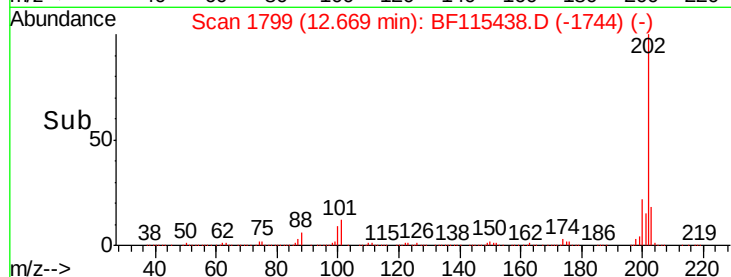
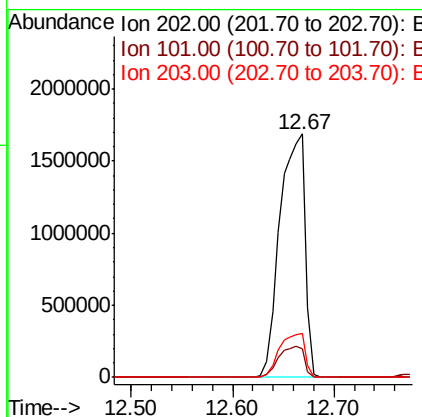
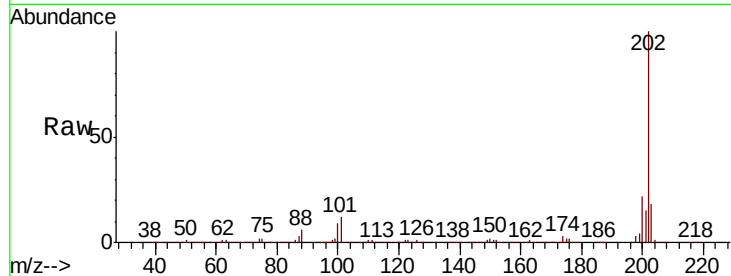
#75
Fluoranthene
Concen: 109.065 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.02 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.8
203	18.2	0.0	38.1

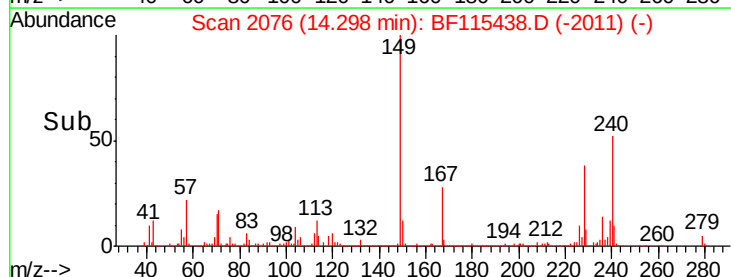
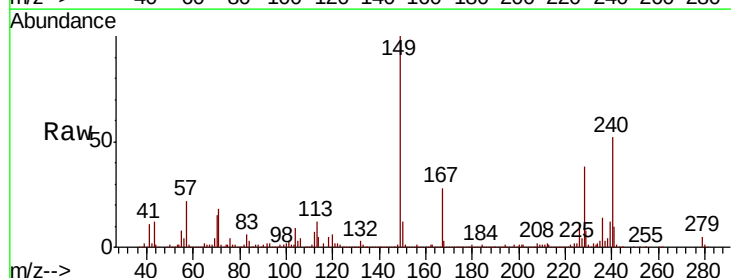
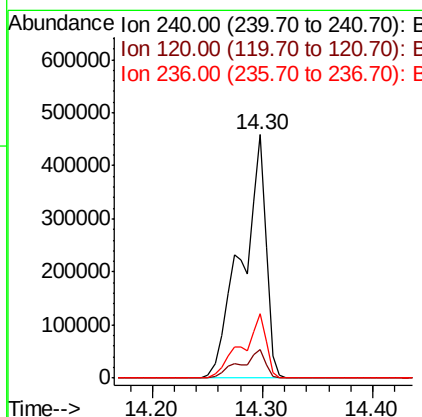
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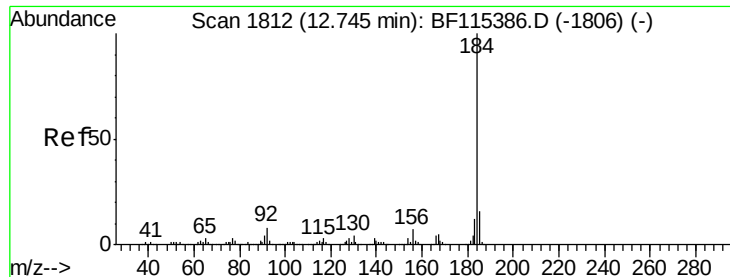
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.30 min Scan# 2076
Delta R.T. 0.08 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	26.5	21.6	32.4





#77

Benzidine

Concen: 26.693 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.03 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:184 Resp: 742300

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

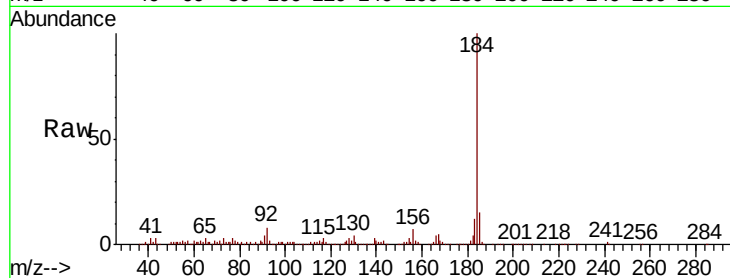
183 11.8 9.4 14.0

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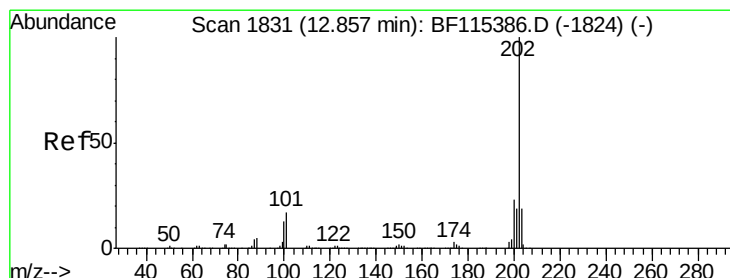
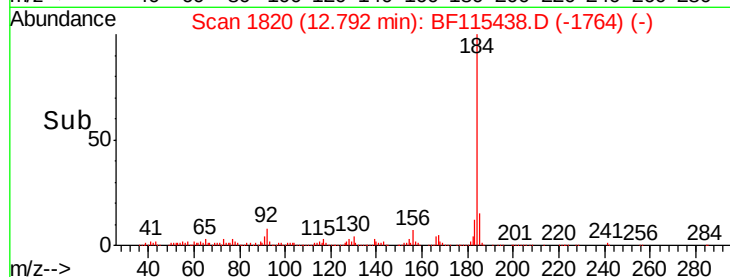
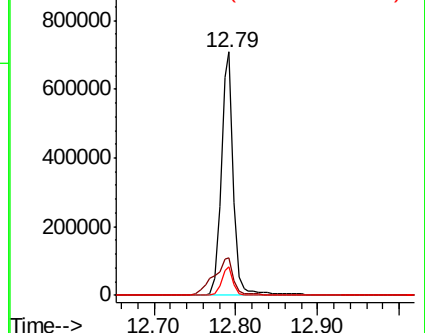
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.666 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.02 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

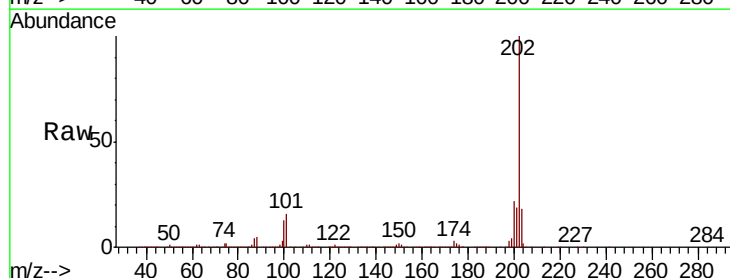
Tgt Ion:202 Resp: 2976091

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.4

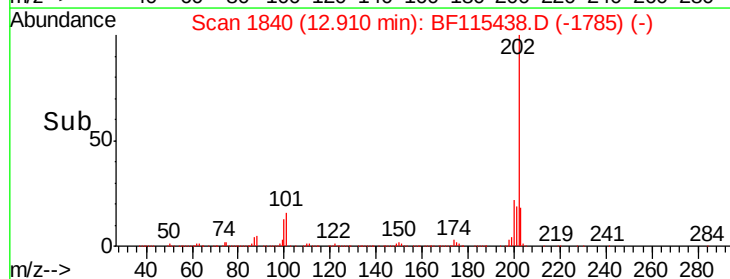
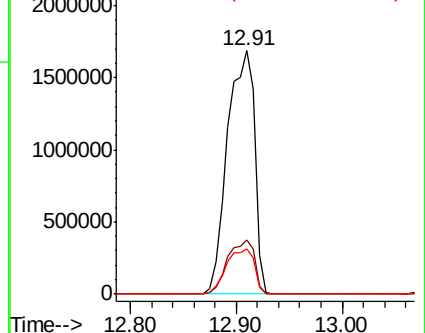
203 18.4 14.7 22.1

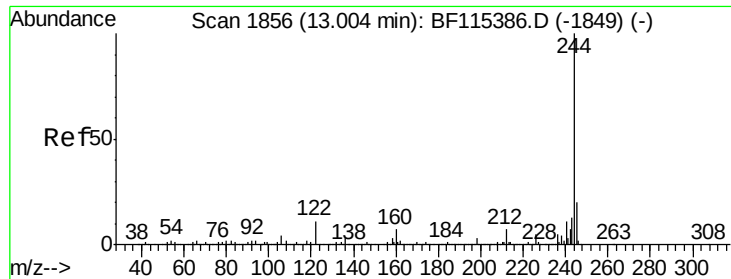


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





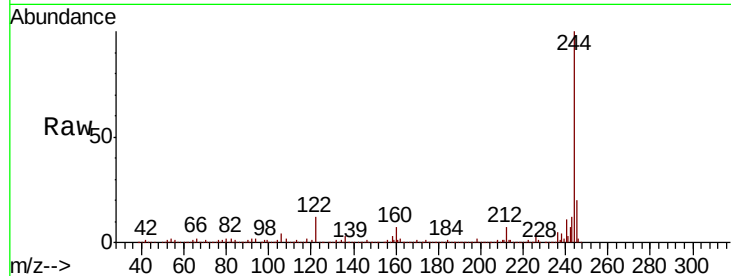
#79
 Terphenyl-d14
 Concen: 96.425 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.03 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.8	9.3	13.9

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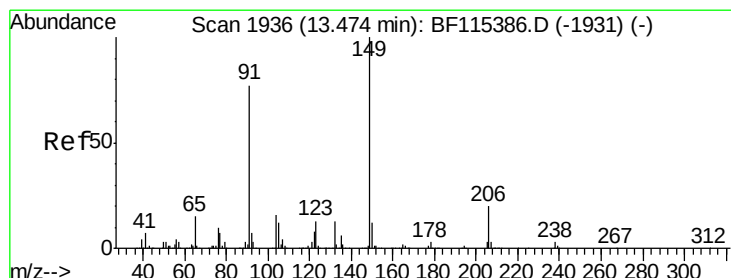
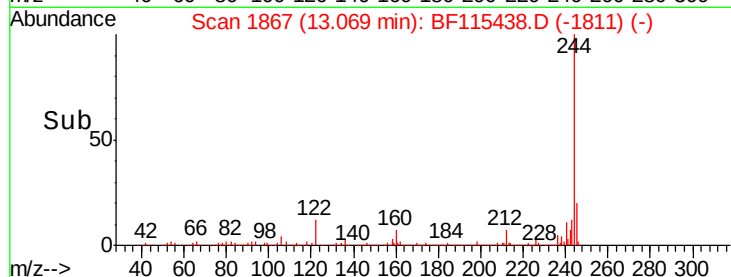
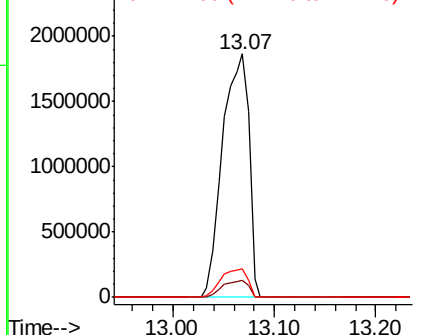


Abundance

Ion 244.00 (243.70 to 244.70): E

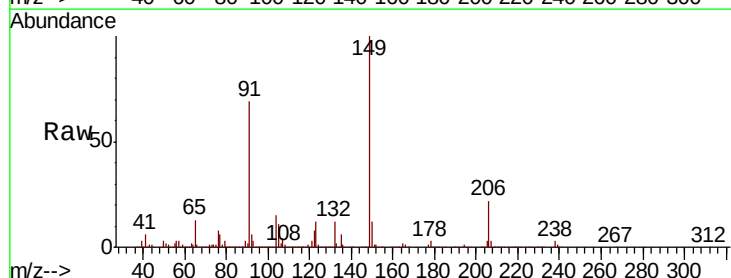
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 56.305 ng
 RT: 13.61 min Scan# 1959
 Delta R.T. 0.05 min
 Lab File: BF115438.D
 Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.2	82.8
206	21.5	17.8	26.8

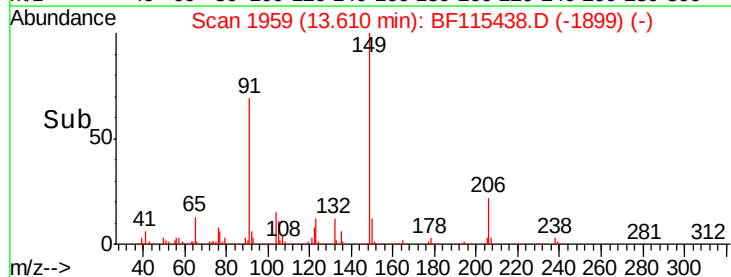
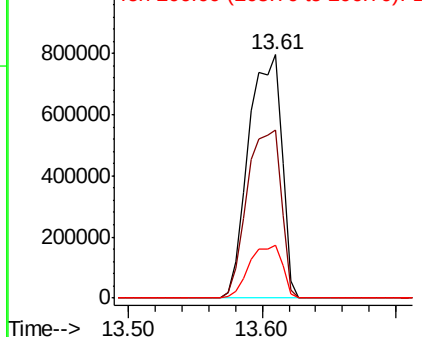


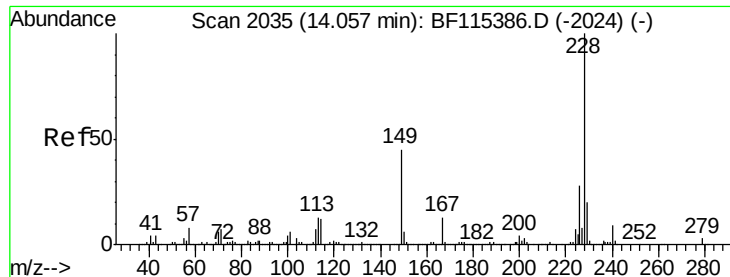
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.858 ng

RT: 14.28 min Scan# 2073

Delta R.T. 0.08 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:228 Resp: 2506605

Ion Ratio Lower Upper

228 100

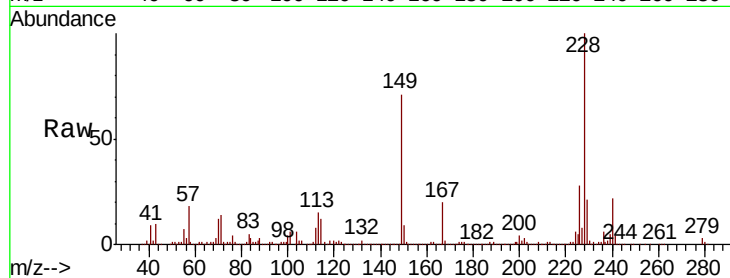
226 27.9 22.5 33.7

229 20.6 16.4 24.6

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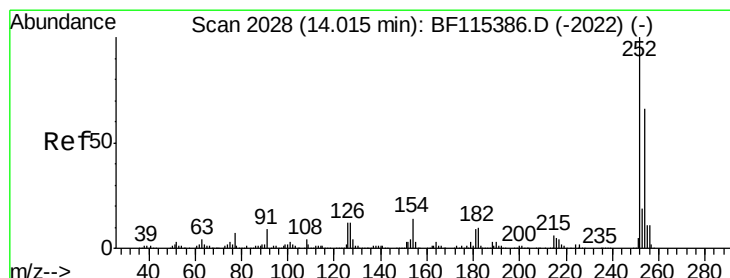
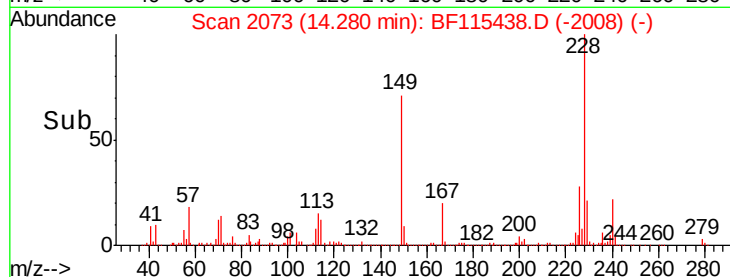
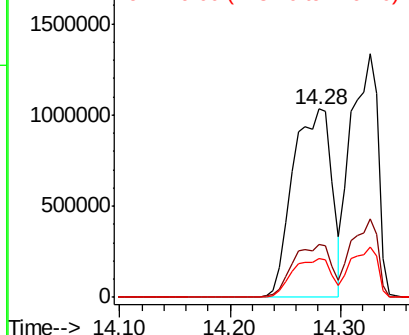


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.397 ng

RT: 14.24 min Scan# 2066

Delta R.T. 0.08 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

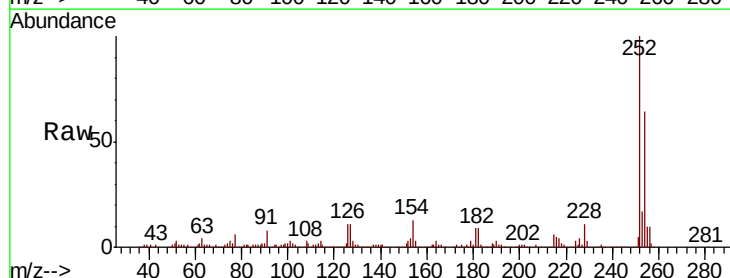
Tgt Ion:252 Resp: 520553

Ion Ratio Lower Upper

252 100

254 64.4 53.0 79.4

126 11.0 9.8 14.6

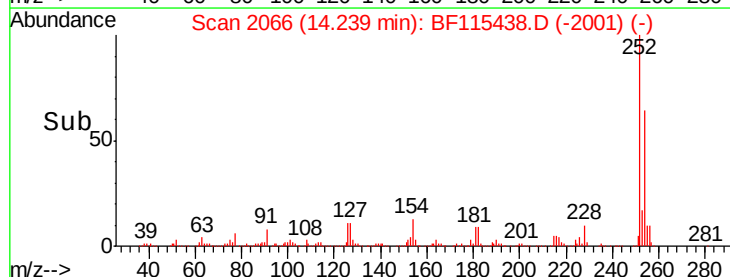
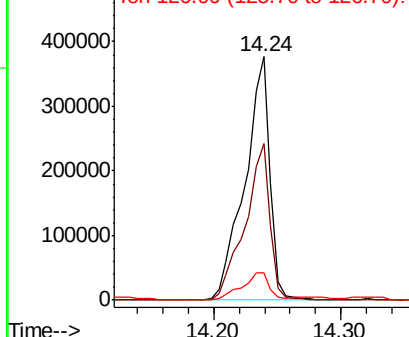


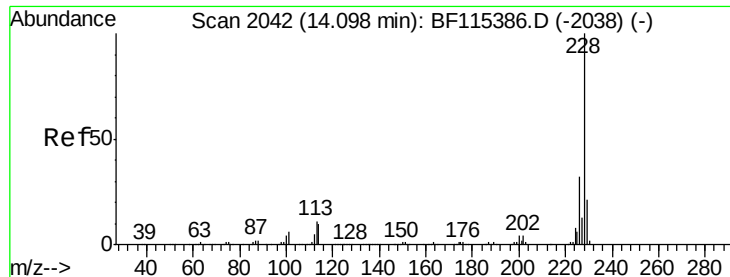
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





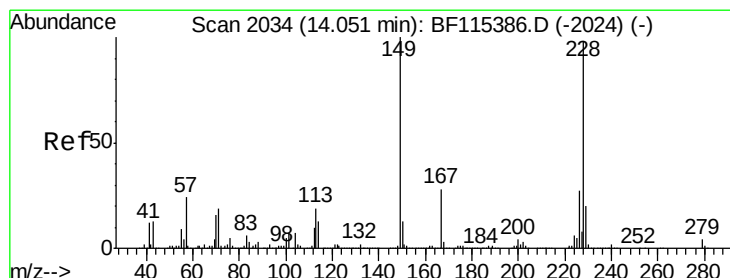
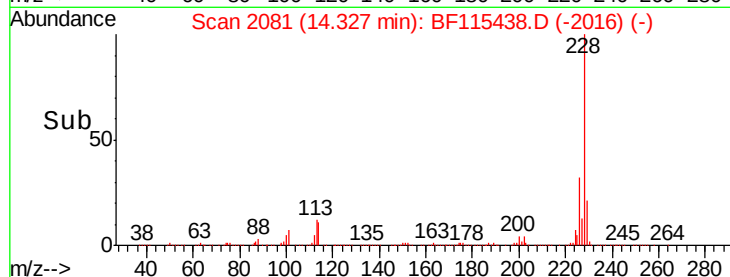
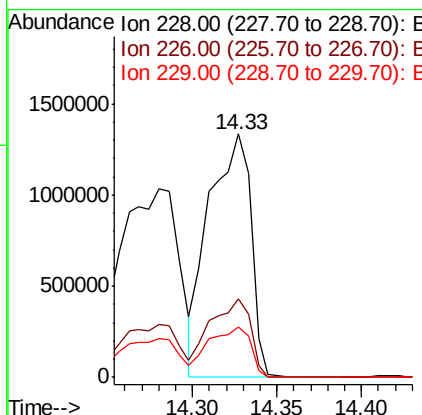
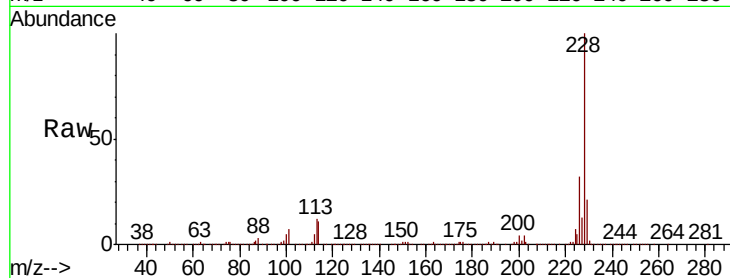
#83
Chrysene
Concen: 48.902 ng
RT: 14.33 min Scan# 2081
Delta R.T. 0.08 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion:228 Resp: 2295817
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.4
229 20.7 16.2 24.4

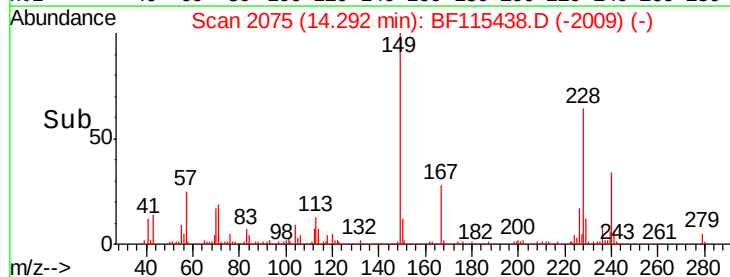
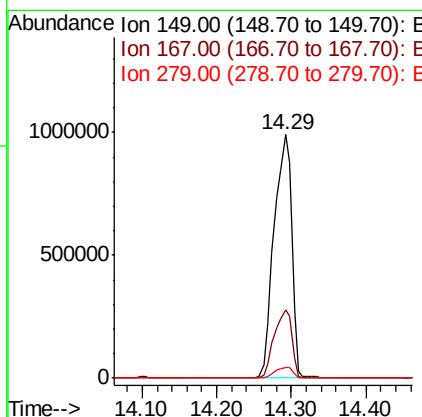
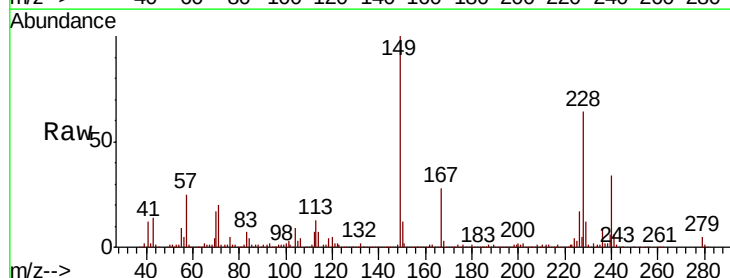
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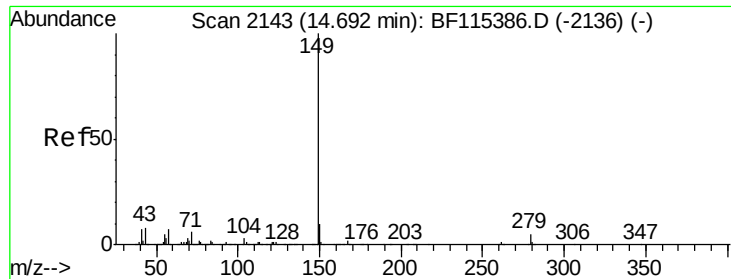
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.927 ng
RT: 14.29 min Scan# 2075
Delta R.T. 0.09 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion:149 Resp: 1618171
Ion Ratio Lower Upper
149 100
167 28.2 21.5 32.3
279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 60.119 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.13 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MSD

Tot Ion:149 Resp: 3211426

Ion Ratio Lower Upper

149 100

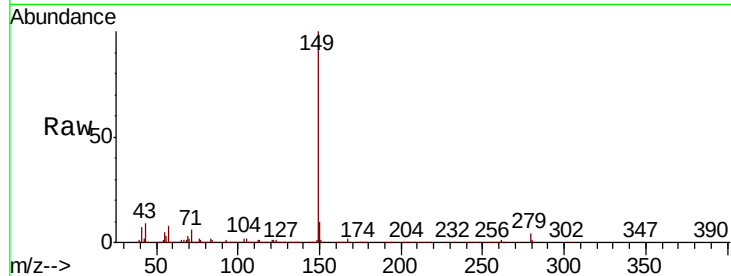
167 1.7 1.2 1.8

43 8.6 7.0 10.6

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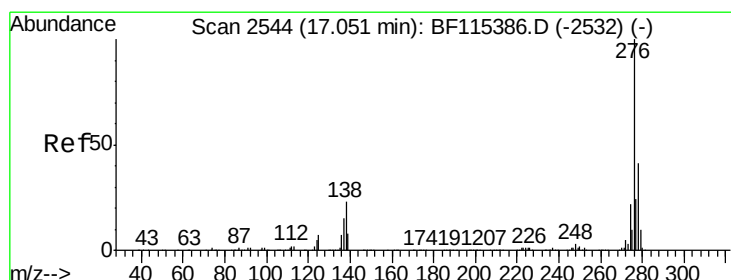
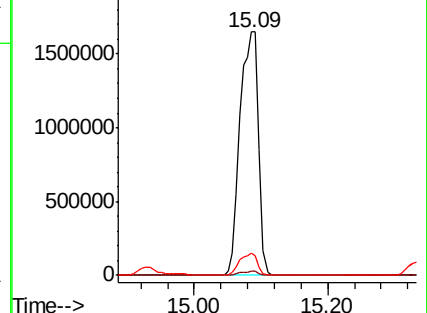
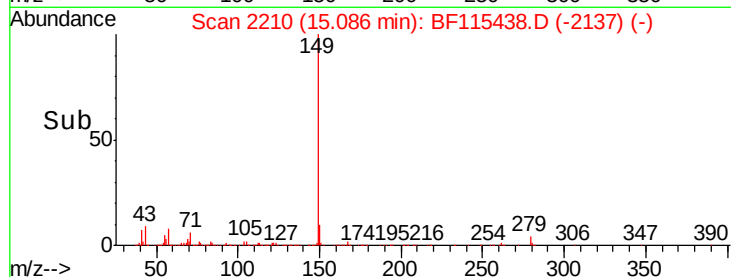
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 68.778 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.19 min

Lab File: BF115438.D

Acq: 9 Jul 2019 17:43

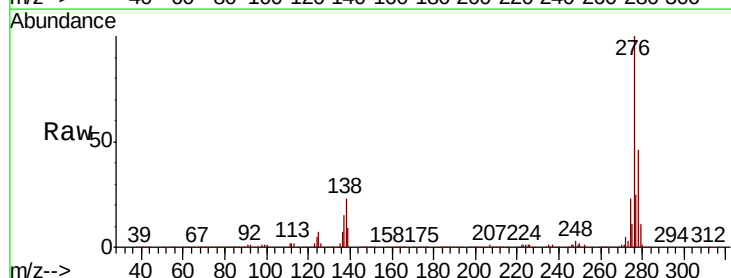
Tgt Ion:276 Resp: 2524861

Ion Ratio Lower Upper

276 100

138 26.2 20.8 31.2

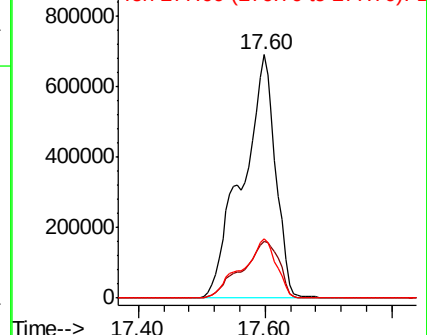
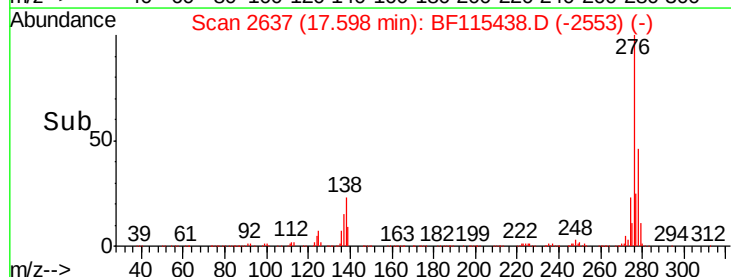
277 25.6 20.2 30.4

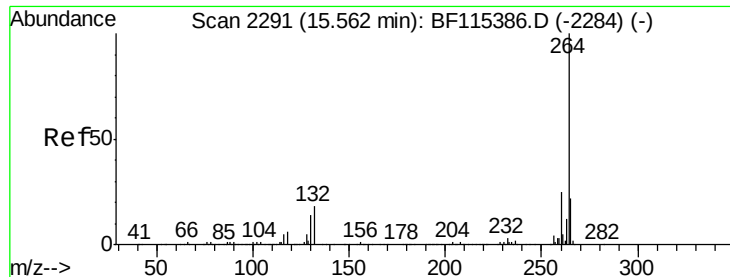


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





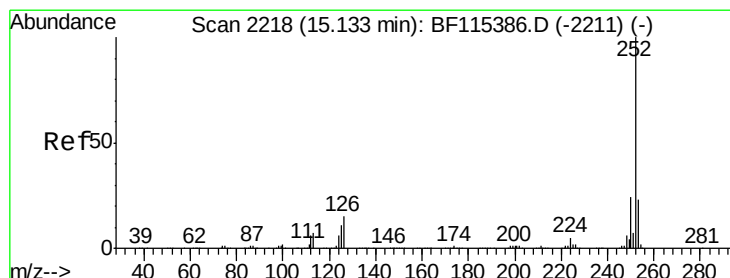
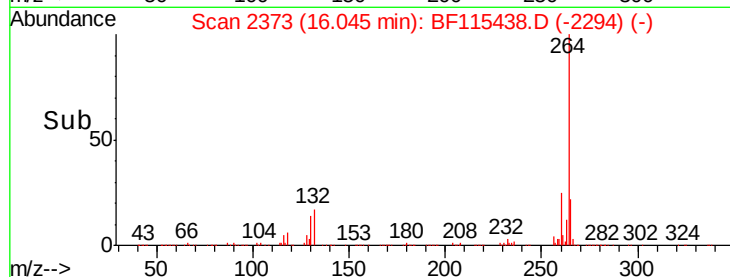
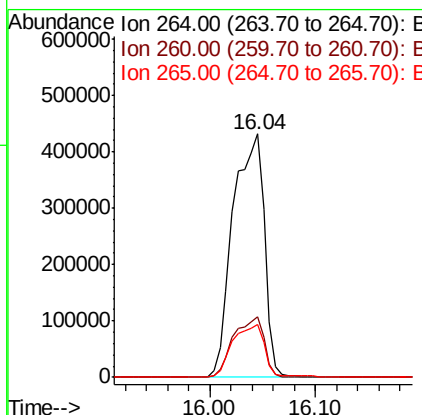
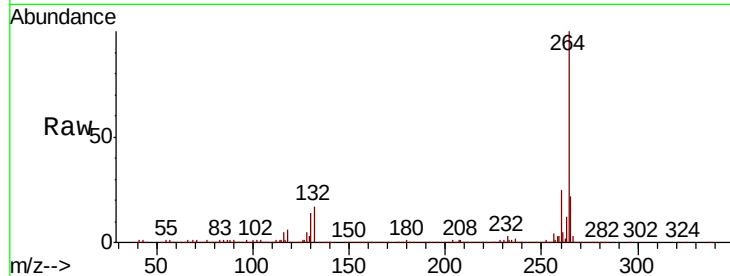
#87
Pervlene-d12
Concen: 20.000 ng
RT: 16.04 min Scan# 2373
Delta R.T. 0.16 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.9	17.2	25.8

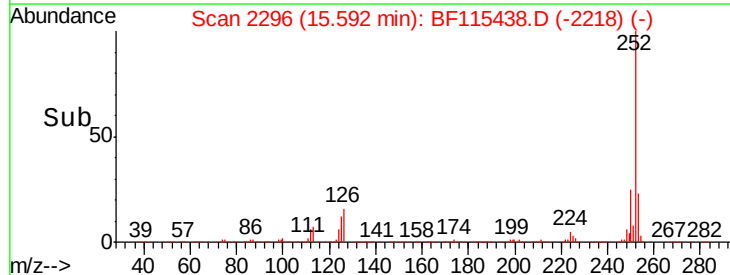
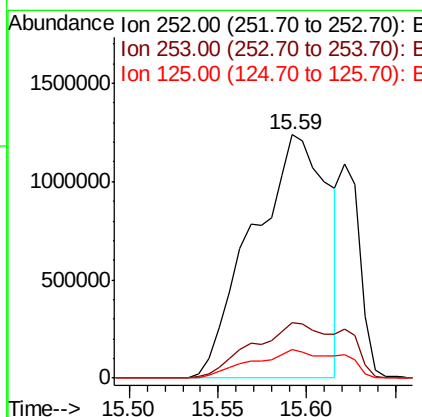
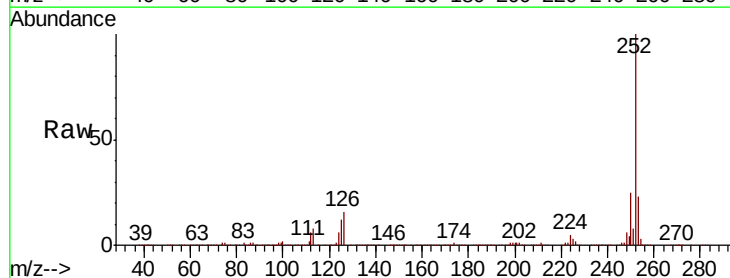
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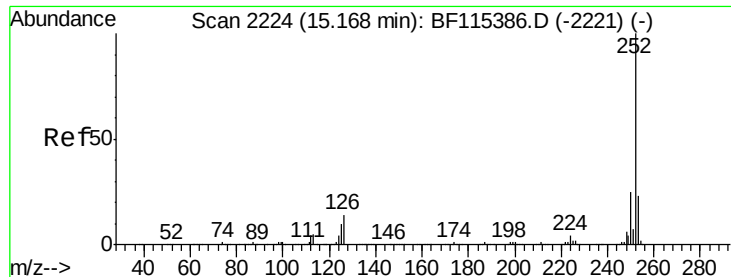
mohammad
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#88
Benzo(b)fluoranthene
Concen: 63.332 ng m
RT: 15.59 min Scan# 2296
Delta R.T. 0.16 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.7	9.0	13.6





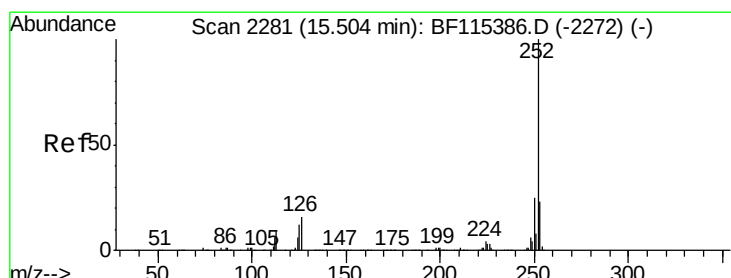
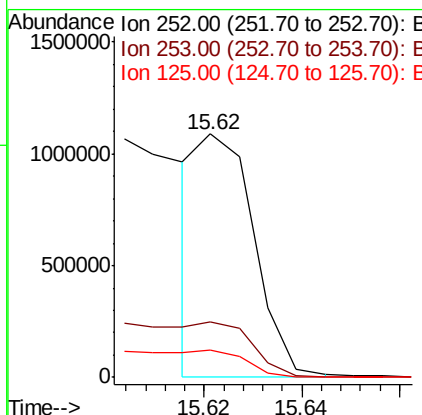
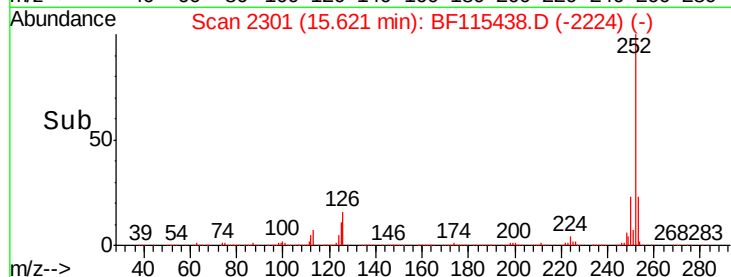
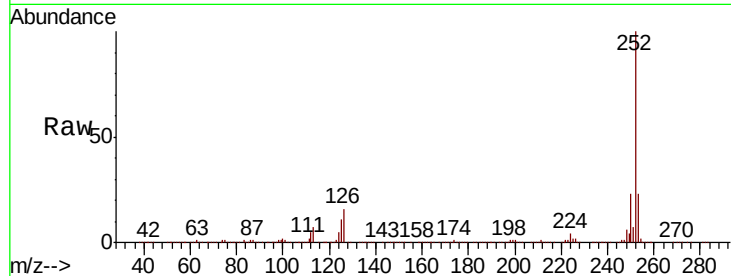
#89
Benzo(k)fluoranthene
Concen: 16.747 ng m
RT: 15.62 min Scan# 2301
Delta R.T. 0.15 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	11.1	9.0	13.6

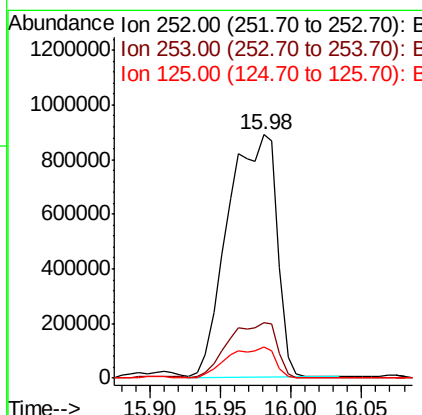
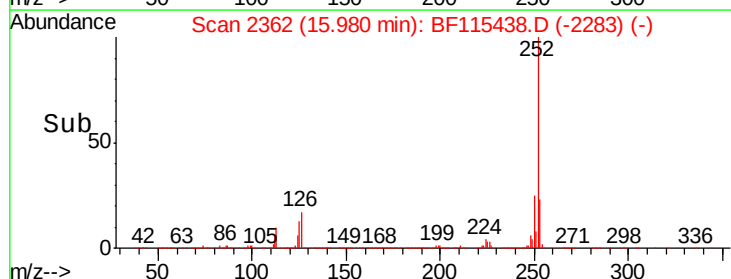
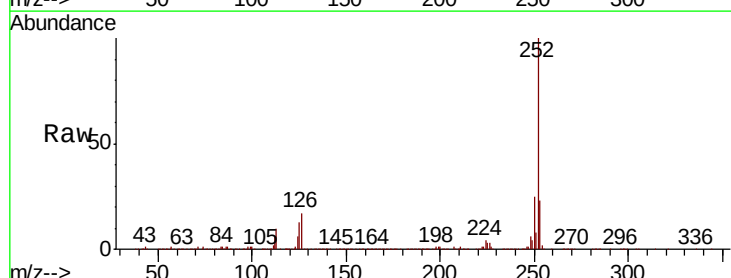
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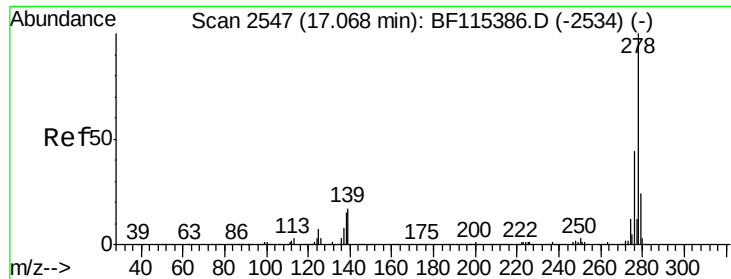
mohammad
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#90
Benzo(a)pyrene
Concen: 43.174 ng
RT: 15.98 min Scan# 2362
Delta R.T. 0.16 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.8	10.0	15.0





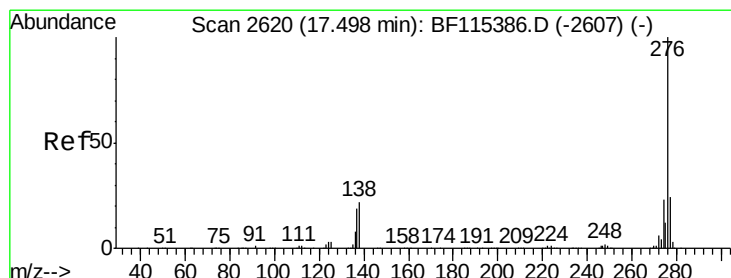
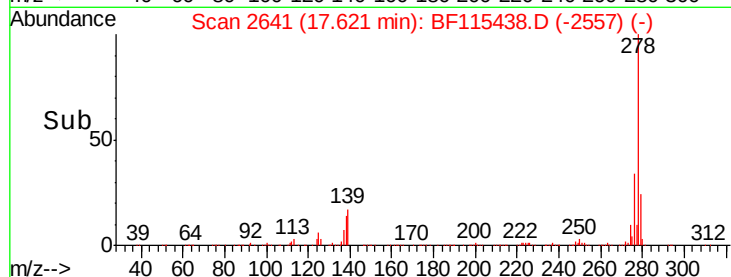
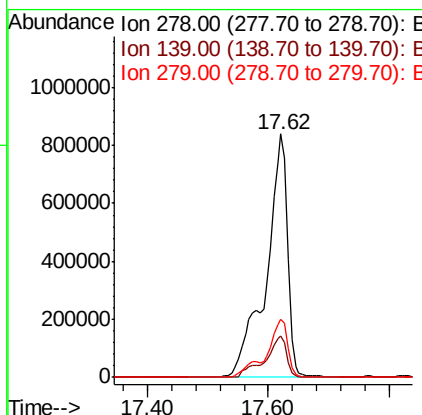
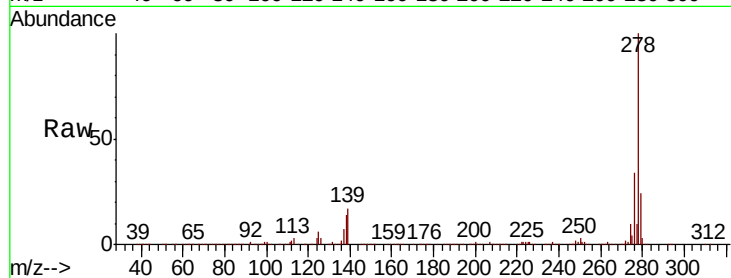
#91
Dibenzo(a,h)anthracene
Concen: 48.692 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.19 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	24.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/10/2019 6:16:51 PM



#92
Benzo(g,h,i)perylene
Concen: 53.516 ng
RT: 18.06 min Scan# 2716
Delta R.T. 0.21 min
Lab File: BF115438.D
Acq: 9 Jul 2019 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	23.1	17.8	26.8

