

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122086.D
 Acq On : 22 Oct 2020 16:29
 Operator : JU/CG
 Sample : L4463-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238MSD

Manual Integrations
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Quant Time: Oct 22 16:58:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	102442	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	416438	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	221110	20.00	ng	0.00
64) Phenanthrene-d10	11.251	188	409273	20.00	ng	0.00
76) Chrysene-d12	13.892	240	242056	20.00	ng	0.00
86) Perylene-d12	15.321	264	238944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	624410	89.96	ng	0.01
7) Phenol-d6	6.387	99	769948	86.17	ng	0.00
23) Nitrobenzene-d5	7.298	82	547832	67.47	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	240747	88.02	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	856132	56.97	ng	0.00
79) Terphenyl-d14	12.827	244	812985	64.01	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.458	88	113489	37.18	ng	98
3) Pyridine	3.175	79	316682	39.45	ng	97
4) n-Nitrosodimethylamine	3.140	42	164951	42.52	ng	97
6) Aniline	6.398	93	231479	21.04	ng	# 1
8) 2-Chlorophenol	6.522	128	309325	44.09	ng	98
9) Benzaldehyde	6.281	77	130915	22.93	ng	99
10) Phenol	6.398	94	386569	41.92	ng	100
11) bis(2-Chloroethyl)ether	6.469	93	304333	42.69	ng	97
12) 1,3-Dichlorobenzene	6.669	146	328907	41.68	ng	98
13) 1,4-Dichlorobenzene	6.745	146	331246	41.81	ng	99
14) 1,2-Dichlorobenzene	6.898	146	308675	42.62	ng	98
15) Benzyl Alcohol	6.887	79	273598	47.34	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.010	45	460609	41.99	ng	# 48
17) 2-Methylphenol	7.004	107	247934	41.33	ng	# 88
18) Hexachloroethane	7.234	117	123459	43.14	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	230692	45.35	ng	98
20) 3+4-Methylphenols	7.157	107	329611	45.57	ng	# 68
22) Acetophenone	7.145	105	429005	40.04	ng	# 89
24) Nitrobenzene	7.322	77	345908	39.85	ng	97
25) Isophorone	7.557	82	617411	40.21	ng	100
26) 2-Nitrophenol	7.634	139	164228	41.09	ng	90
27) 2,4-Dimethylphenol	7.681	122	269920	39.62	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	388095	40.40	ng	99
29) 2,4-Dichlorophenol	7.887	162	260903	40.89	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	269291	39.69	ng	99
31) Naphthalene	8.034	128	876231	39.28	ng	100
32) Benzoic acid	7.845	122	146808	39.35	ng	93
33) 4-Chloroaniline	8.098	127	91318	9.61	ng	99
34) Hexachlorobutadiene	8.145	225	164097	40.79	ng	99
35) Caprolactam	8.481	113	83924m	41.42	ng	
36) 4-Chloro-3-methylphenol	8.592	107	282983	41.29	ng	99
37) 2-Methylnaphthalene	8.728	142	569934	39.45	ng	99
38) 1-Methylnaphthalene	8.822	142	536478	40.10	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	273143	38.27	ng	99
41) Hexachlorocyclopentadiene	8.875	237	81608	48.99	ng	100
43) 2,4,6-Trichlorophenol	9.016	196	177250	40.25	ng	99

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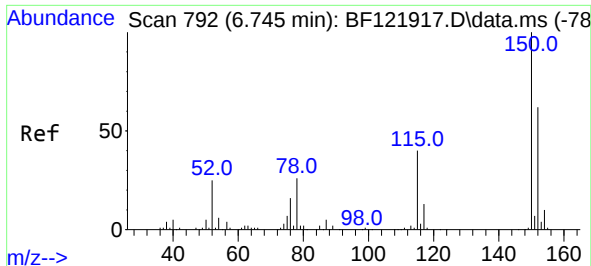
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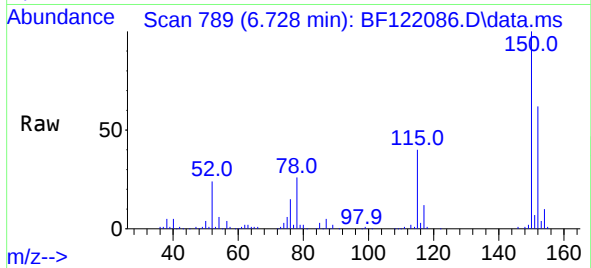
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	186767	39.28	ng	99
46) 1,1'-Biphenyl	9.186	154	690851	38.43	ng	100
47) 2-Chloronaphthalene	9.216	162	522926	37.40	ng	99
48) 2-Nitroaniline	9.322	65	190957	41.41	ng	98
49) Acenaphthylene	9.628	152	822300	38.29	ng	100
50) Dimethylphthalate	9.492	163	790357	48.88	ng	100
51) 2,6-Dinitrotoluene	9.563	165	144150	40.64	ng	99
52) Acenaphthene	9.798	154	494931	38.75	ng	99
53) 3-Nitroaniline	9.733	138	72477	17.97	ng	100
54) 2,4-Dinitrophenol	9.857	184	105094	60.45	ng	88
55) Dibenzofuran	9.969	168	713939	38.22	ng	96
56) 4-Nitrophenol	9.922	139	134396	61.25	ng	# 76
57) 2,4-Dinitrotoluene	9.975	165	179431	41.10	ng	# 90
58) Fluorene	10.316	166	597838	39.72	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	155964	42.39	ng	97
60) Diethylphthalate	10.186	149	658061	42.21	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	296378	41.06	ng	99
62) 4-Nitroaniline	10.351	138	127780	31.71	ng	91
63) Azobenzene	10.463	77	674328	40.90	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	92749	35.13	ng	94
66) n-Nitrosodiphenylamine	10.428	169	559353	39.68	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	193289	40.88	ng	99
68) Hexachlorobenzene	10.863	284	213118	39.82	ng	96
69) Atrazine	10.957	200	159931	46.39	ng	98
70) Pentachlorophenol	11.069	266	152410	73.18	ng	98
71) Phenanthrene	11.275	178	908037	40.46	ng	99
72) Anthracene	11.328	178	907324	38.98	ng	100
73) Carbazole	11.486	167	786551	38.01	ng	99
74) Di-n-butylphthalate	11.810	149	1038852	43.63	ng	99
75) Fluoranthene	12.463	202	936023	38.90	ng	98
77) Benzidine	12.586	184	307218	41.17	ng	99
78) Pyrene	12.692	202	922892	50.03	ng	99
80) Butylbenzylphthalate	13.304	149	388314	53.08	ng	96
81) Benzo(a)anthracene	13.880	228	680518	42.90	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	152255	25.88	ng	99
83) Chrysene	13.916	228	660986	42.45	ng	100
84) Bis(2-ethylhexyl)phtha...	13.857	149	563046	56.70	ng	99
85) Di-n-octyl phthalate	14.468	149	835474	52.01	ng	100
87) Indeno(1,2,3-cd)pyrene	16.745	276	774942	49.95	ng	99
88) Benzo(b)fluoranthene	14.916	252	663964	41.11	ng	99
89) Benzo(k)fluoranthene	14.945	252	613958	40.02	ng	99
90) Benzo(a)pyrene	15.268	252	591820	42.42	ng	100
91) Dibenzo(a,h)anthracene	16.745	278	630461	49.35	ng	99
92) Benzo(g,h,i)perylene	17.162	276	661133	51.71	ng	99

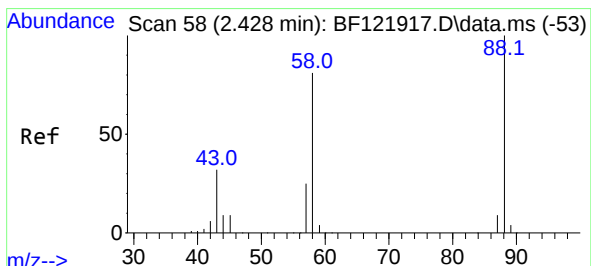
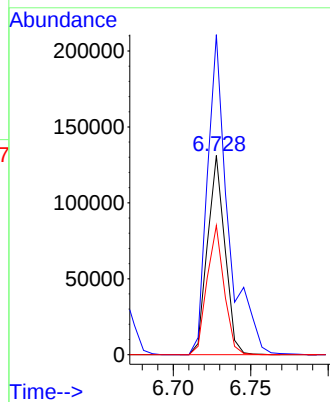
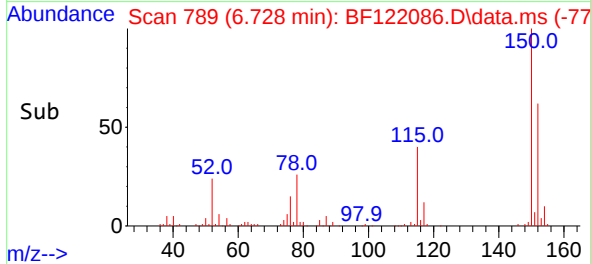
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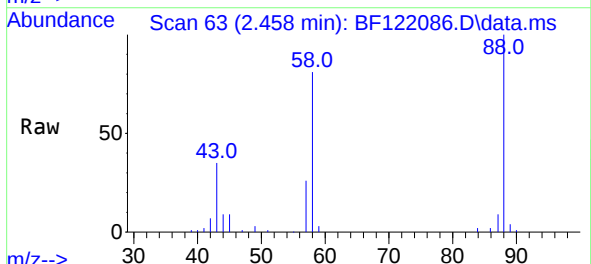
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



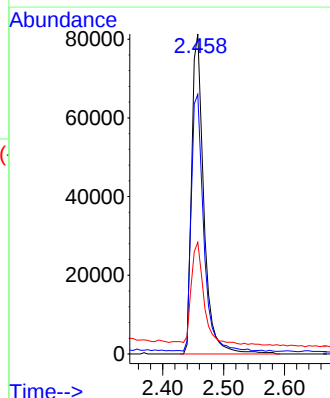
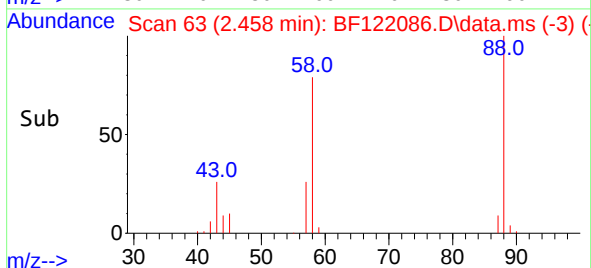
Tgt Ion:152 Resp: 102442
Ion Ratio Lower Upper
152 100
150 160.6 125.3 187.9
115 64.8 51.9 77.9



#2
1,4-Dioxane
Concen: 37.18 ng
RT: 2.458 min Scan# 63
Delta R.T. 0.053 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



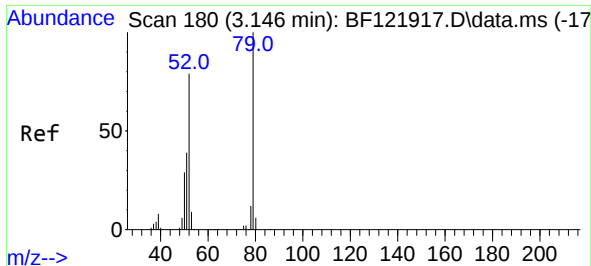
Tgt Ion: 88 Resp: 113489
Ion Ratio Lower Upper
88 100
58 80.3 65.8 98.8
43 32.3 25.8 38.8



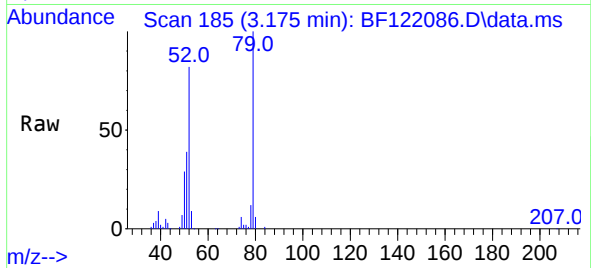
Instrument :
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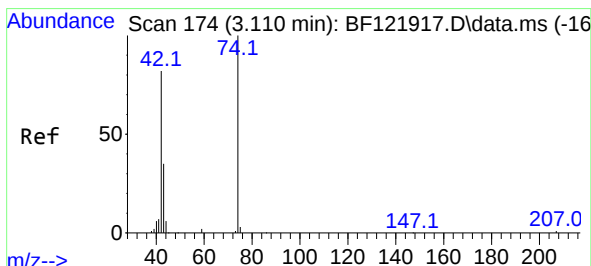
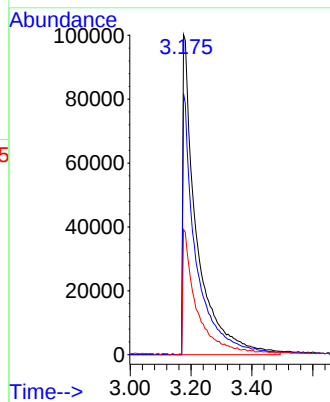
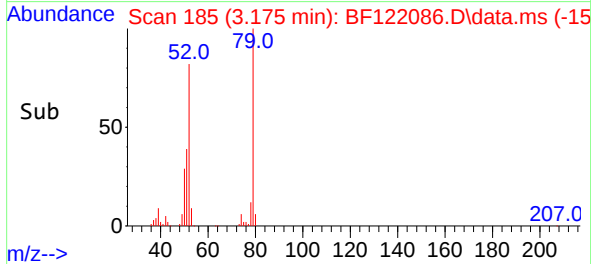
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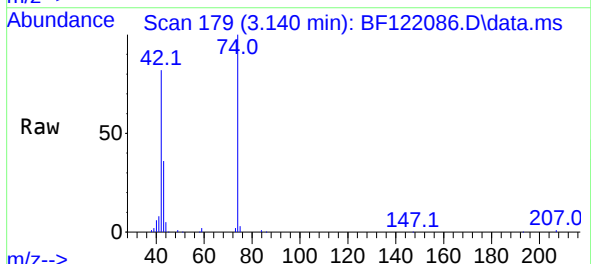
#3
Pyridine
Concen: 39.45 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.053 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



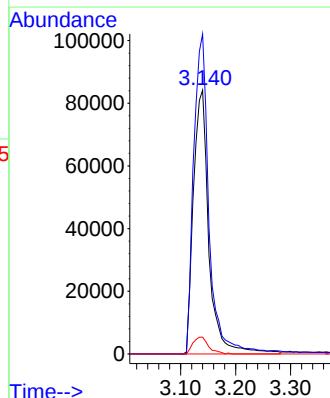
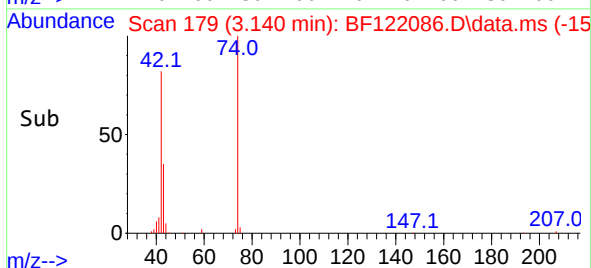
Tgt Ion: 79 Resp: 316682
Ion Ratio Lower Upper
79 100
52 81.6 62.2 93.4
51 39.1 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 42.52 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.047 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



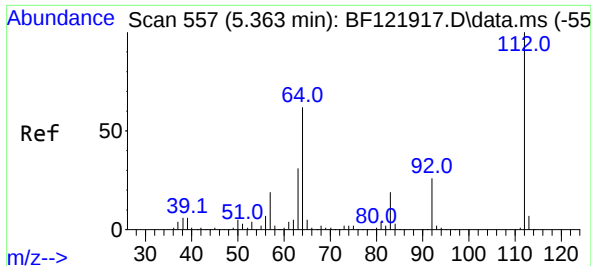
Tgt Ion: 42 Resp: 164951
Ion Ratio Lower Upper
42 100
74 121.3 100.2 150.2
44 6.4 5.8 8.6



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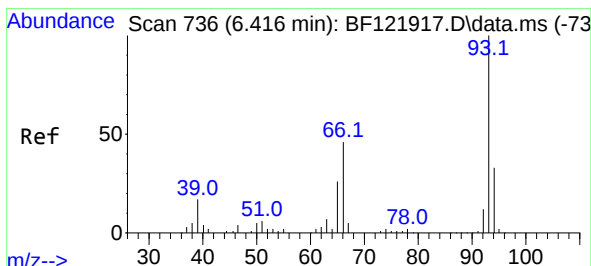
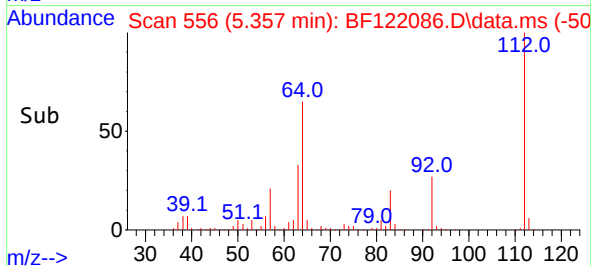
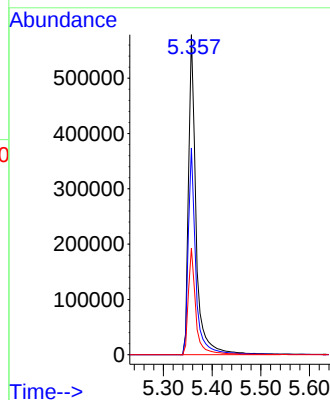
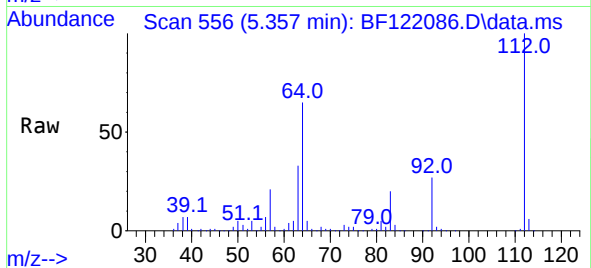
#5
2-Fluorophenol
Concen: 89.96 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 112 Resp: 624410
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 33.3 25.8 38.6

Instrument :
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ClientSampleId :
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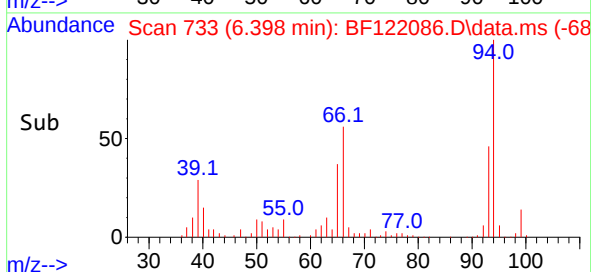
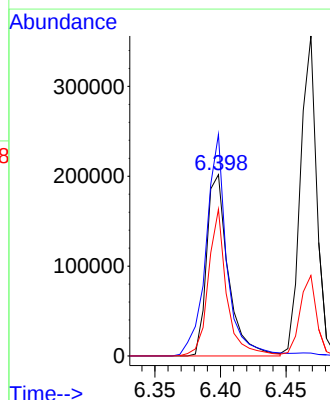
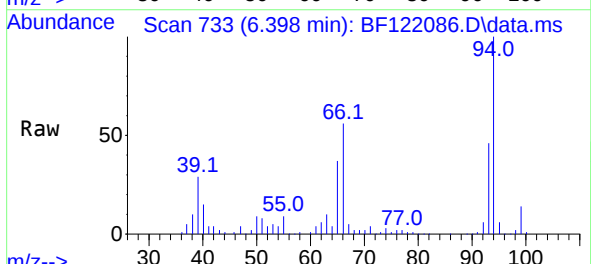
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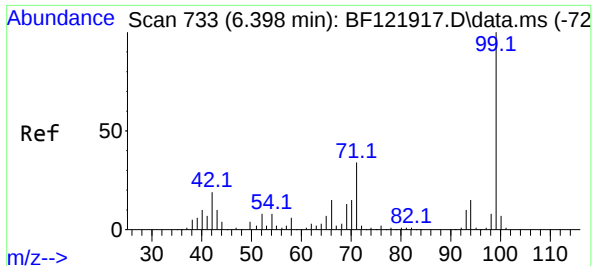
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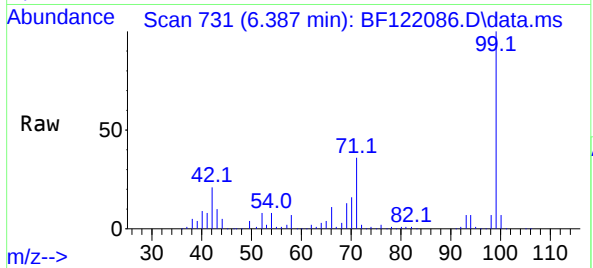
#6
Aniline
Concen: 21.04 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 93 Resp: 231479
Ion Ratio Lower Upper
93 100
66 122.2 32.7 49.1#
65 81.0 16.6 24.8#

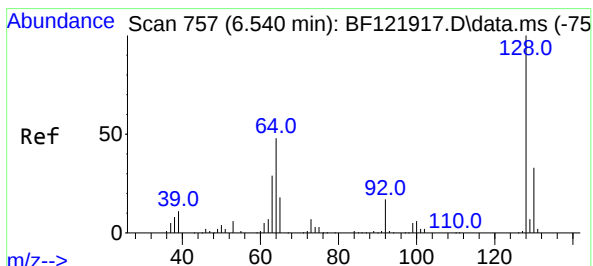
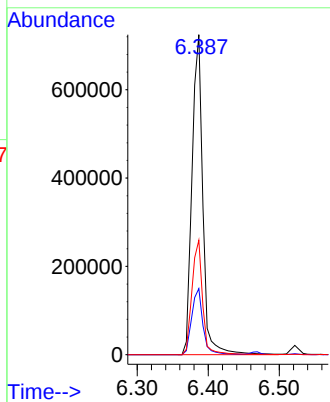
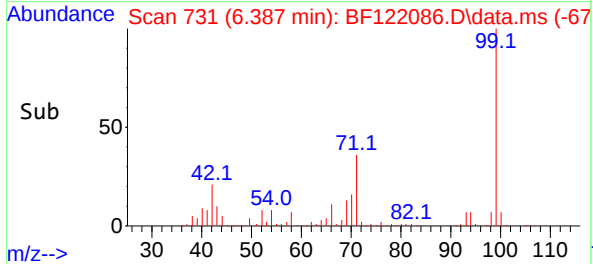




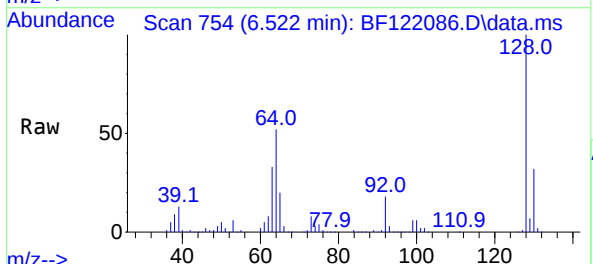
#7
Phenol-d6
Concen: 86.17 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



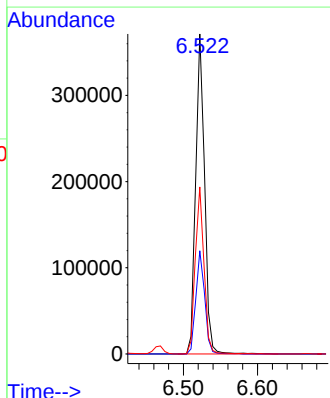
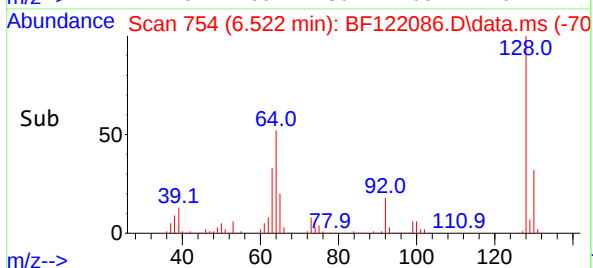
Tgt Ion: 99 Resp: 769948
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.8 27.1 40.7



#8
2-Chlorophenol
Concen: 44.09 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



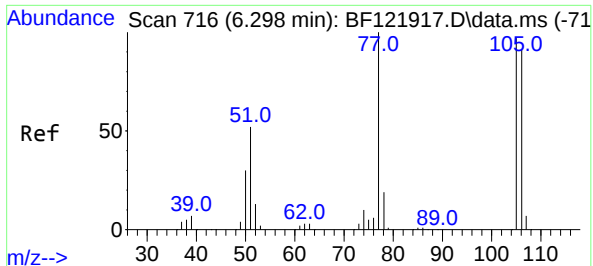
Tgt Ion: 128 Resp: 309325
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.2 34.8 74.8



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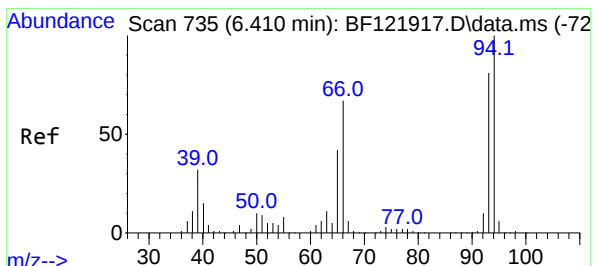
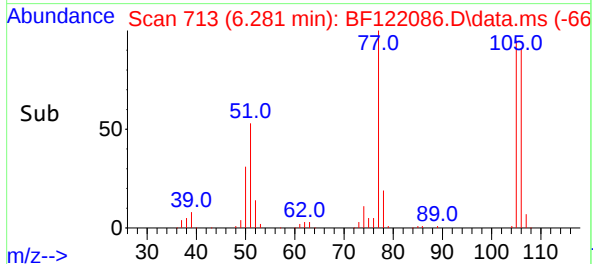
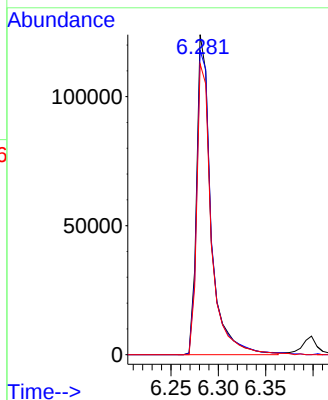
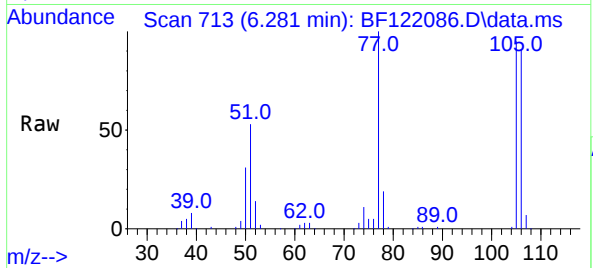
#9
Benzaldehyde
Concen: 22.93 ng
RT: 6.281 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

Tgt Ion: 77 Resp: 130915
Ion Ratio Lower Upper
77 100
105 95.0 76.7 116.7
106 90.9 71.3 111.3

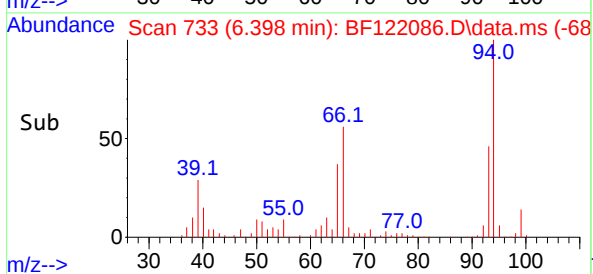
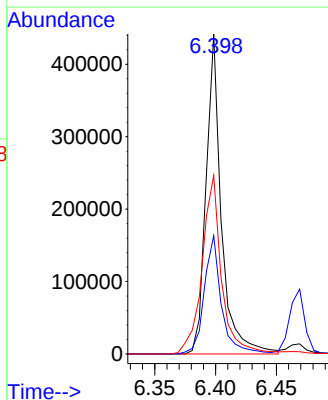
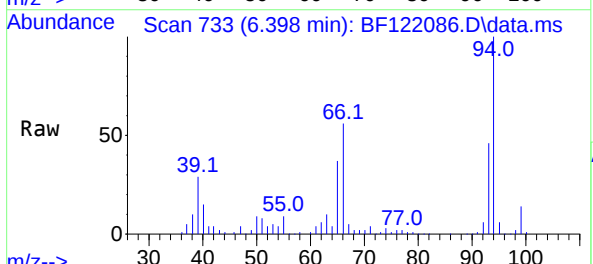
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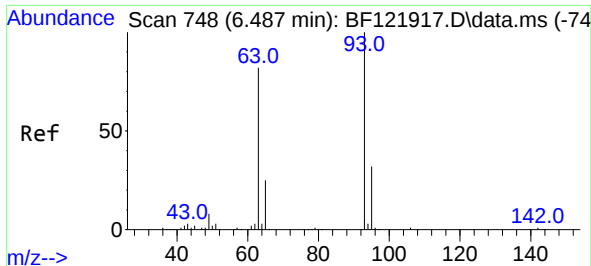
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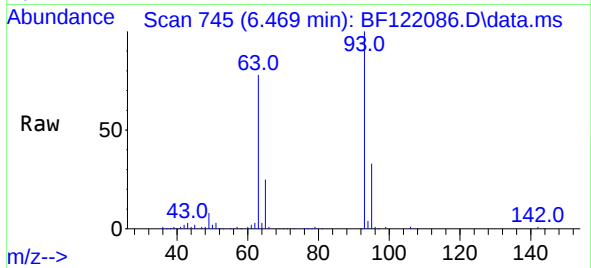
#10
Phenol
Concen: 41.92 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 94 Resp: 386569
Ion Ratio Lower Upper
94 100
65 37.0 17.1 57.1
66 55.8 36.0 76.0



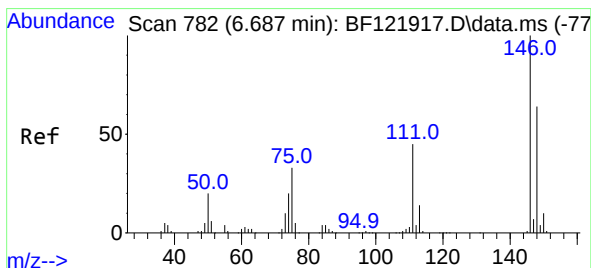
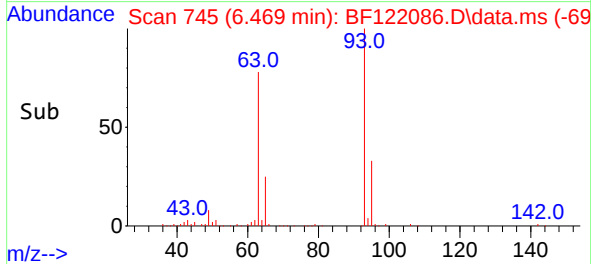
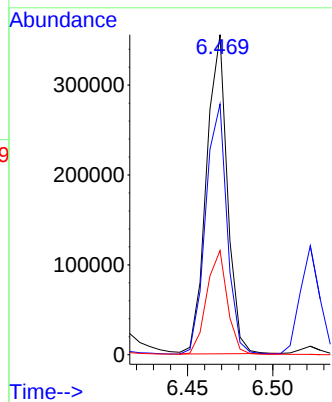


#11
bis(2-Chloroethyl)ether
Concen: 42.69 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

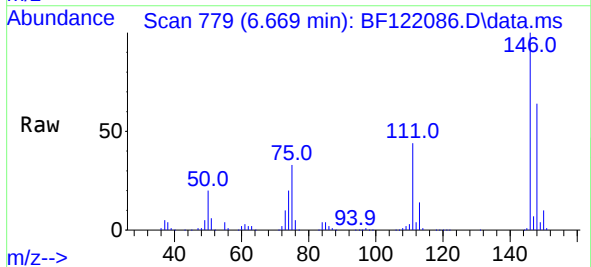


Tgt Ion: 93 Resp: 304333

Ion	Ratio	Lower	Upper
93	100		
63	78.3	62.4	102.4
95	32.5	12.6	52.6

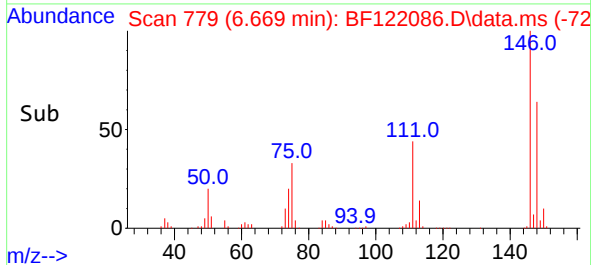
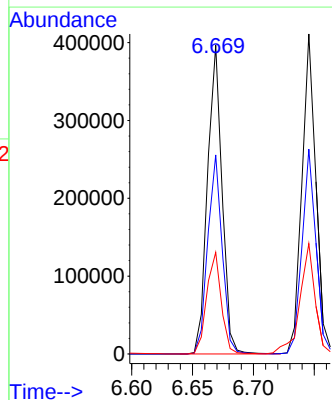


#12
1,3-Dichlorobenzene
Concen: 41.68 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



Tgt Ion: 146 Resp: 328907

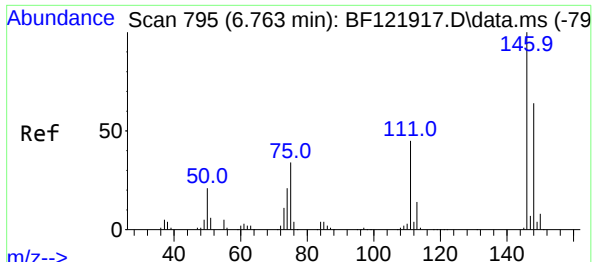
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
75	32.9	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
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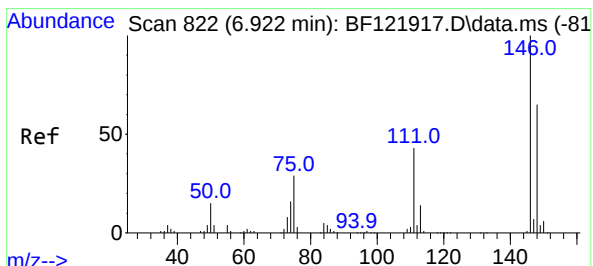
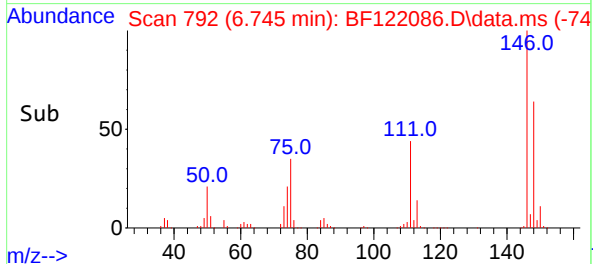
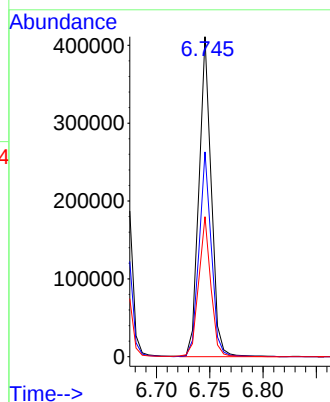
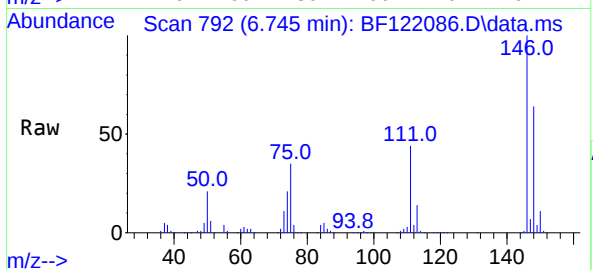
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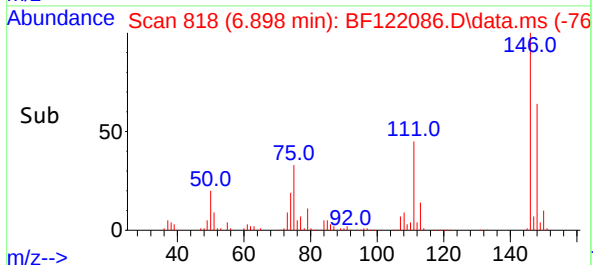
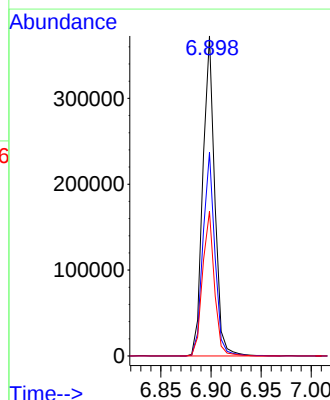
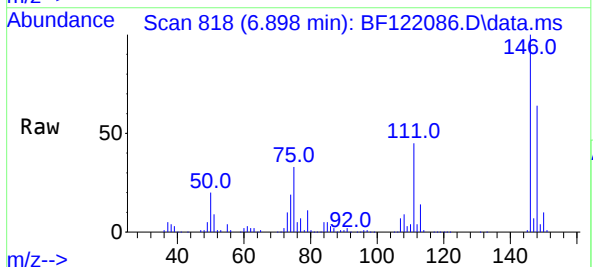
#13
1,4-Dichlorobenzene
Concen: 41.81 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:146 Resp: 331246
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 43.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 42.62 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

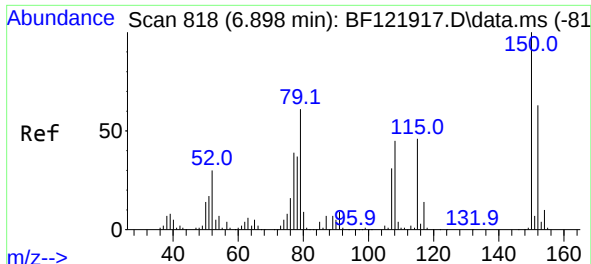
Tgt Ion:146 Resp: 308675
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 45.2 34.2 51.4



Instrument :
BNA_F
ClientSampleId :
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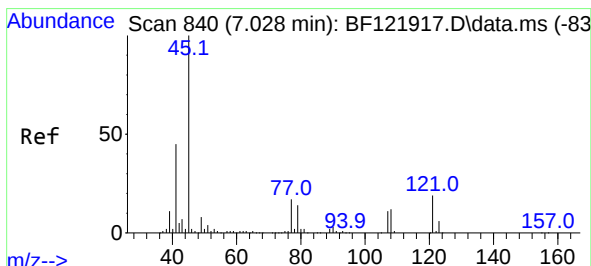
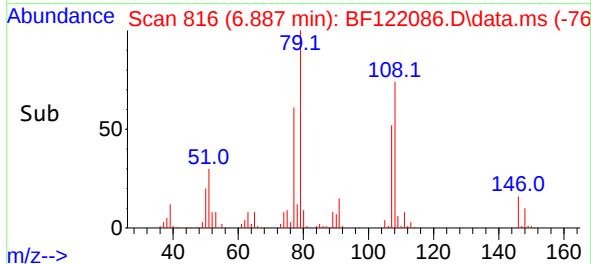
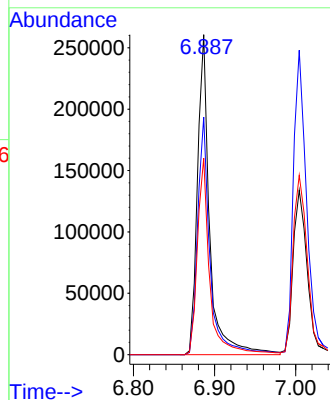
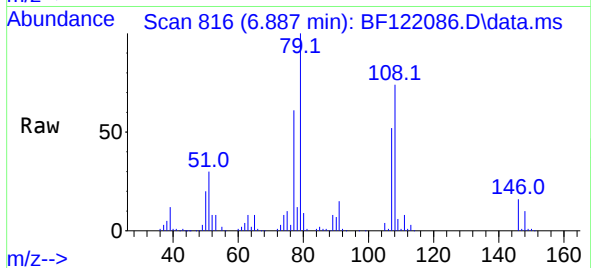
#15
Benzyl Alcohol
Concen: 47.34 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 79 Resp: 273598
Ion Ratio Lower Upper
79 100
108 74.2 62.3 93.5
77 61.4 50.6 75.8

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

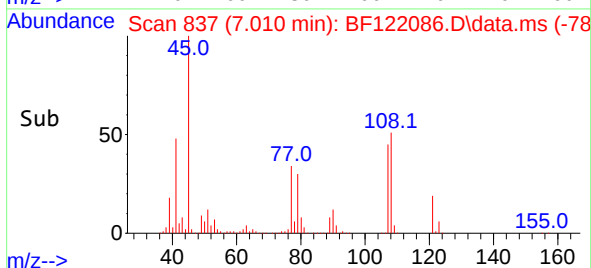
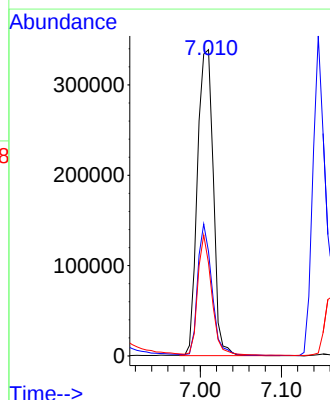
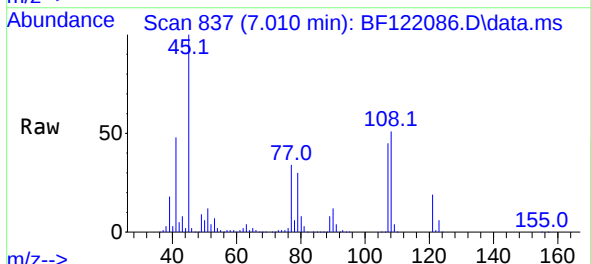
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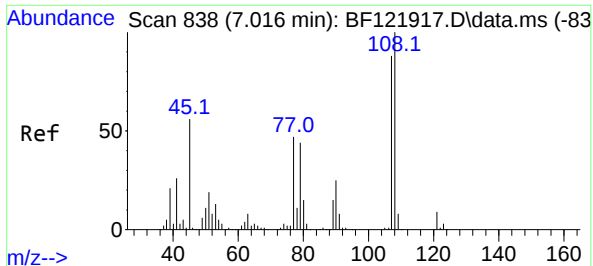
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.99 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 45 Resp: 460609
Ion Ratio Lower Upper
45 100
77 34.1 0.0 33.3#
79 30.3 0.0 30.4





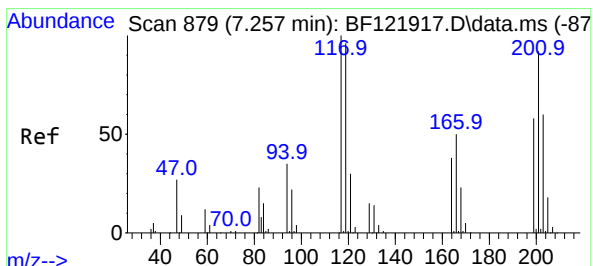
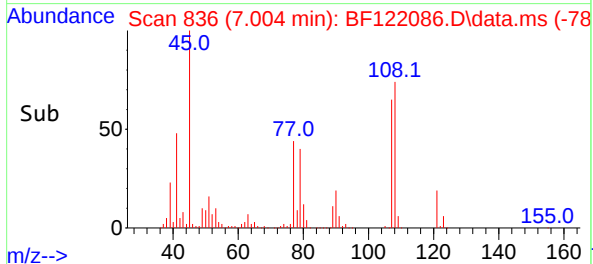
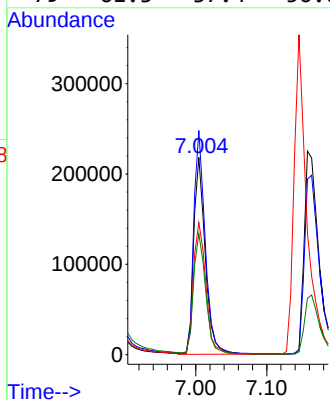
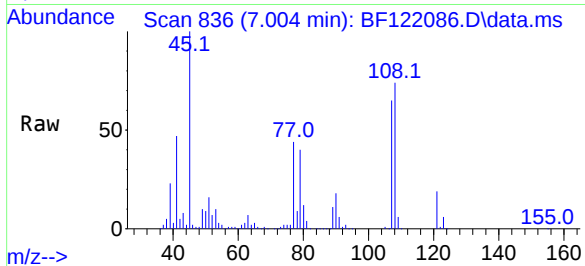
#17
2-Methylphenol
Concen: 41.33 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	107	Resp:	247934
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	66.9	37.5	56.3#
79	61.3	37.4	56.0#

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

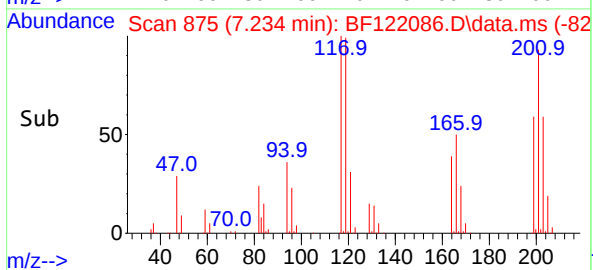
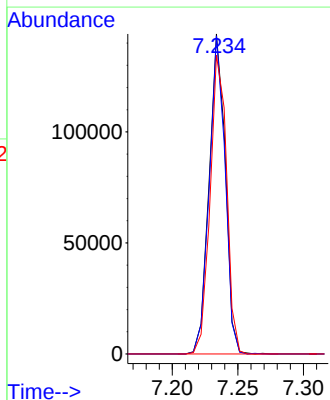
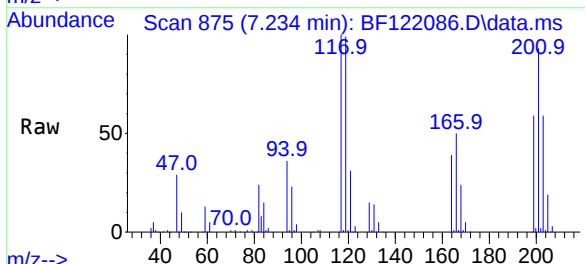
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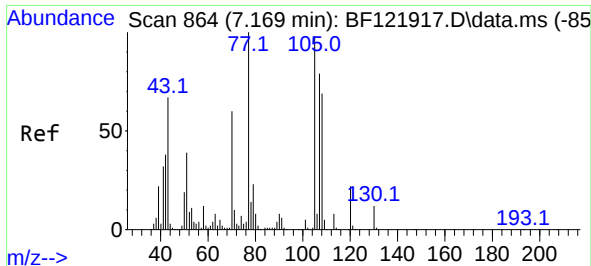
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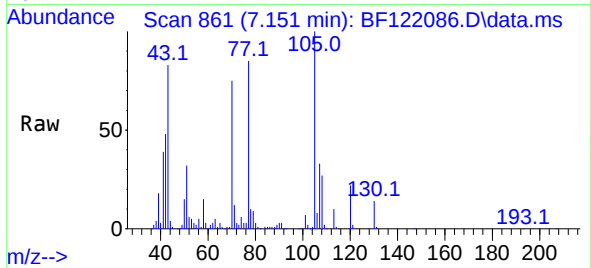
#18
Hexachloroethane
Concen: 43.14 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	117	Resp:	123459
Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.3	114.5
201	93.4	71.8	107.6



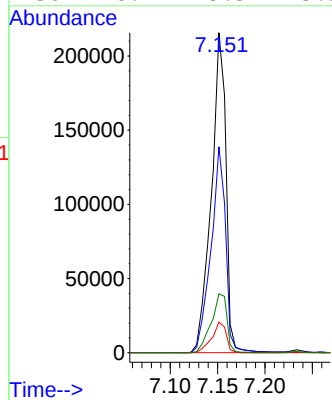


#19
n-Nitroso-di-n-propylamine
Concen: 45.35 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



Tgt Ion: 70 Resp: 230692

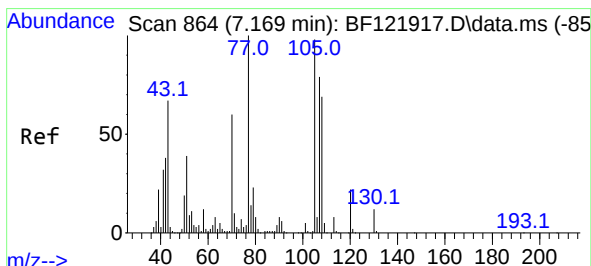
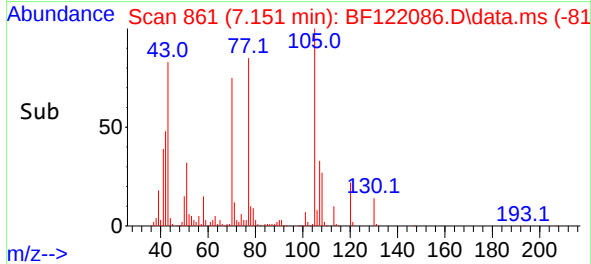
Ion	Ratio	Lower	Upper
70	100		
42	64.3	50.2	75.4
101	9.5	7.5	11.3
130	18.4	15.5	23.3



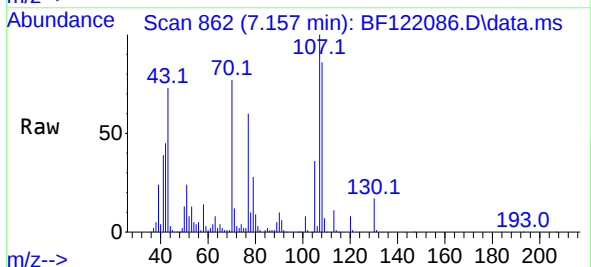
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

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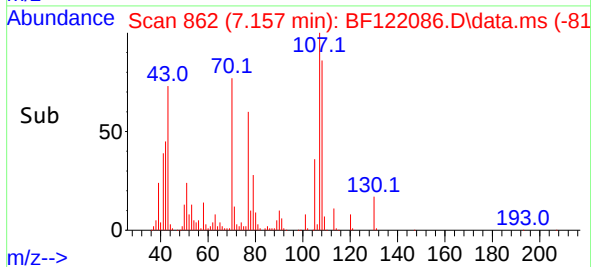
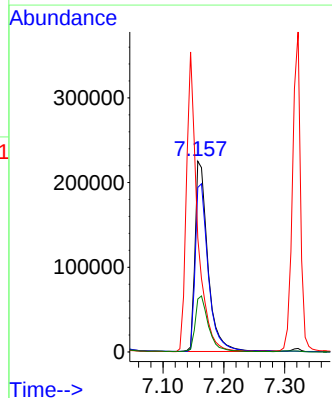


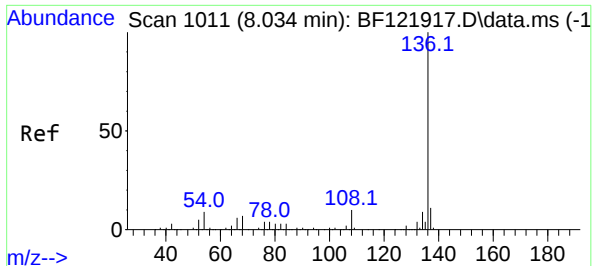
#20
3+4-Methylphenols
Concen: 45.57 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



Tgt Ion: 107 Resp: 329611

Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.9	108.9
77	59.7	108.0	148.0#
79	27.7	10.5	50.5





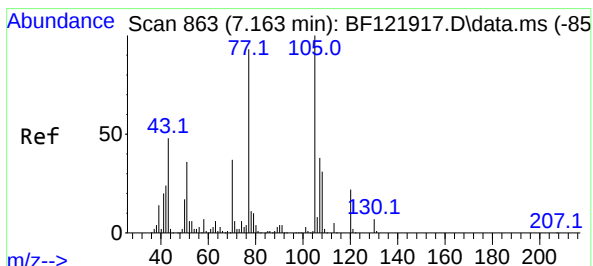
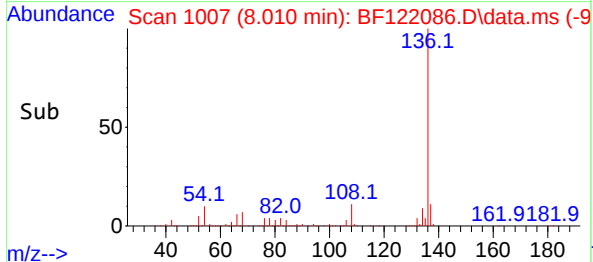
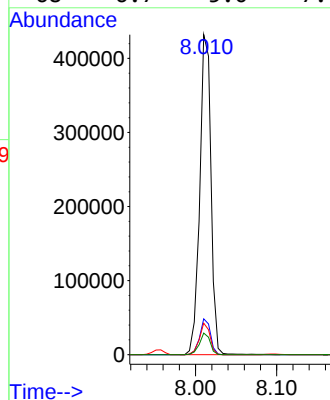
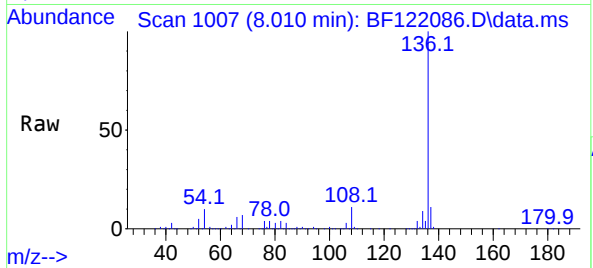
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	136	Resp:	416438
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	9.8	7.1	10.7
68	6.7	5.0	7.4

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

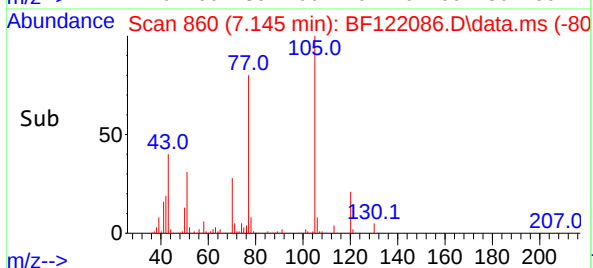
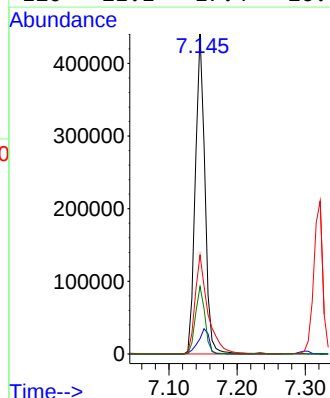
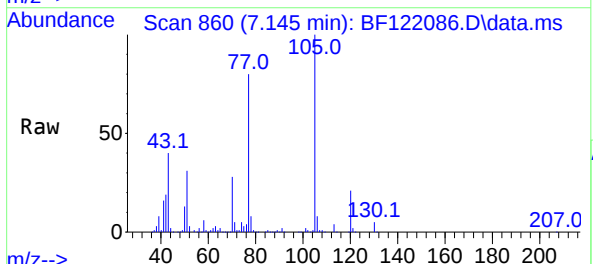
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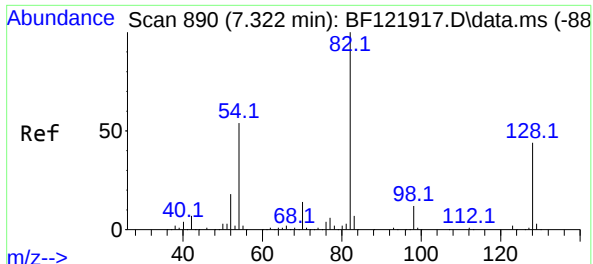
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#22
Acetophenone
Concen: 40.04 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	105	Resp:	429005
Ion Ratio	Lower	Upper	
105	100		
71	4.8	5.3	7.9#
51	30.9	33.2	49.8#
120	21.1	17.4	26.0





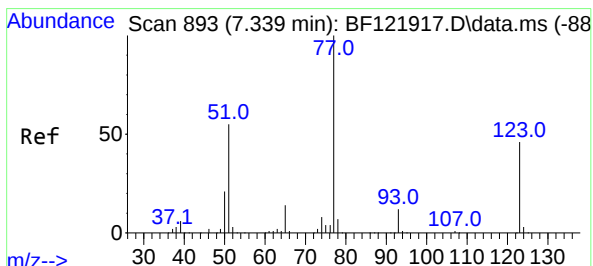
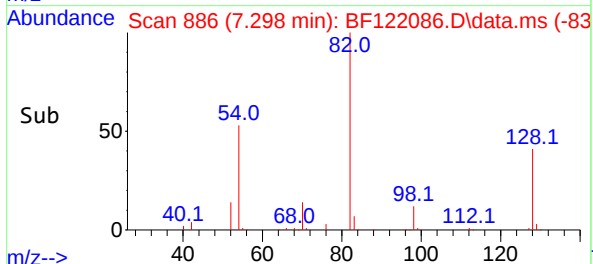
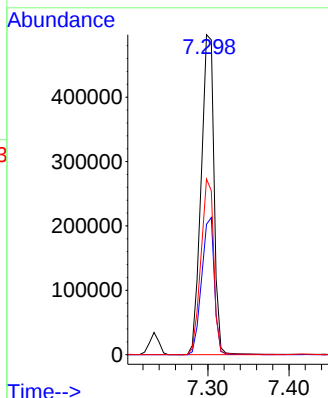
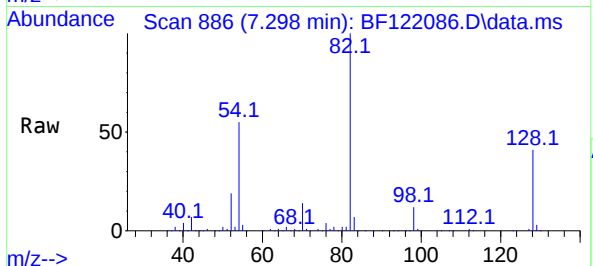
#23
Nitrobenzene-d5
Concen: 67.47 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 82 Resp: 547832
Ion Ratio Lower Upper
82 100
128 40.8 35.0 52.4
54 54.9 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

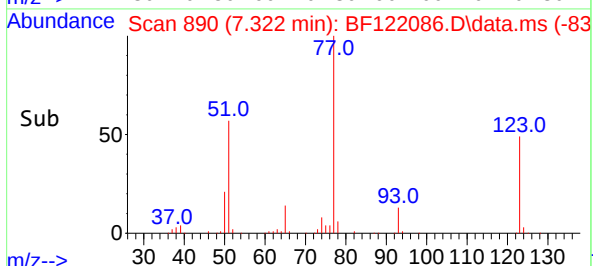
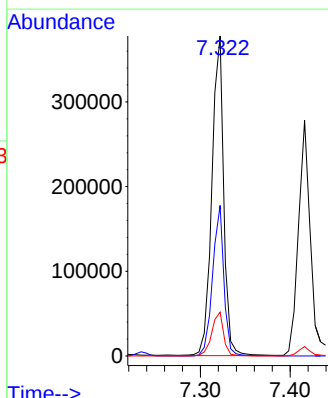
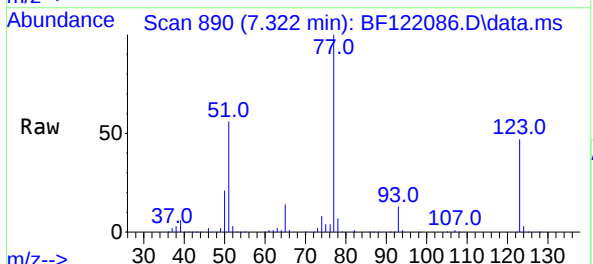
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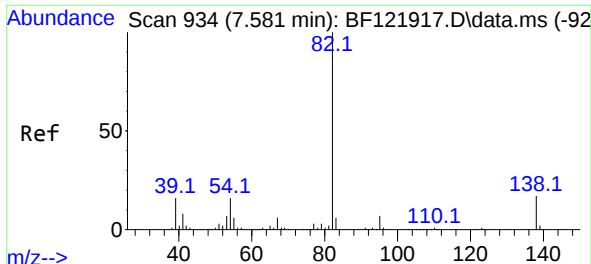
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#24
Nitrobenzene
Concen: 39.85 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 77 Resp: 345908
Ion Ratio Lower Upper
77 100
123 47.0 35.6 53.4
65 13.7 11.2 16.8





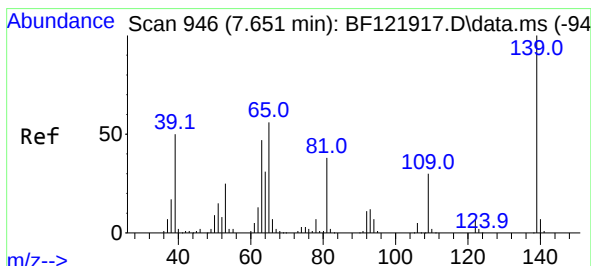
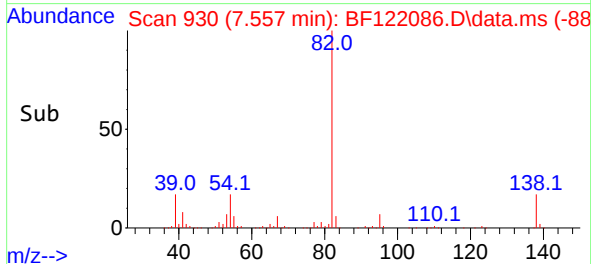
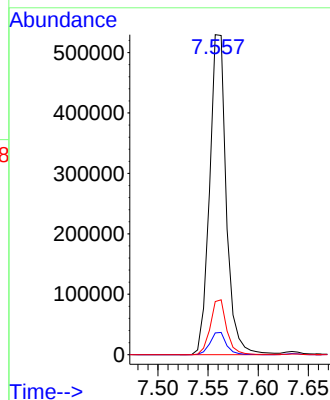
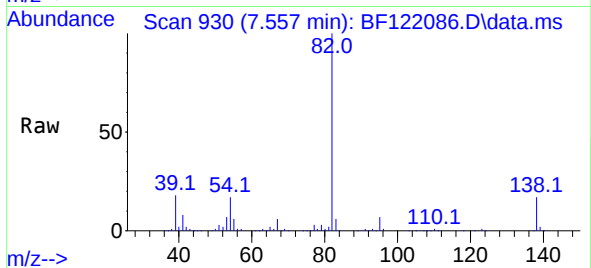
#25
Isophorone
Concen: 40.21 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 82 Resp: 617411
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.6 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

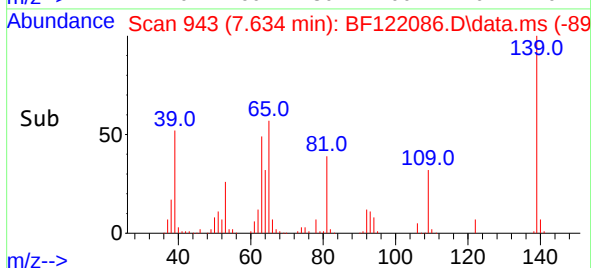
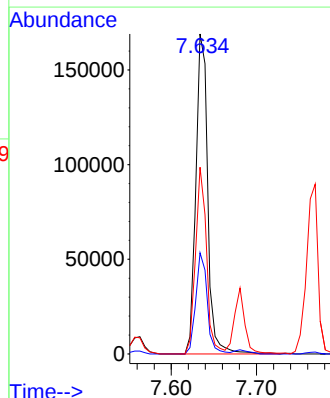
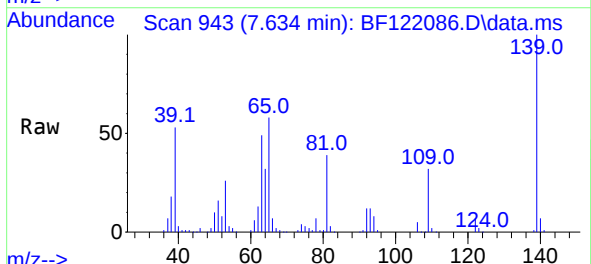
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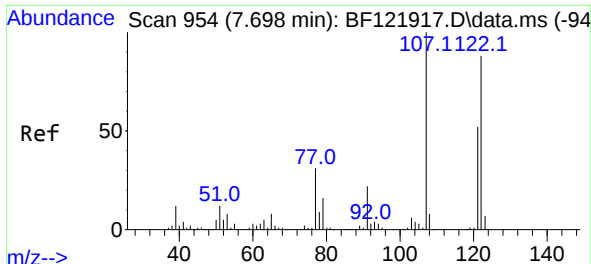
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#26
2-Nitrophenol
Concen: 41.09 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:139 Resp: 164228
Ion Ratio Lower Upper
139 100
109 31.6 23.0 34.4
65 58.4 39.9 59.9





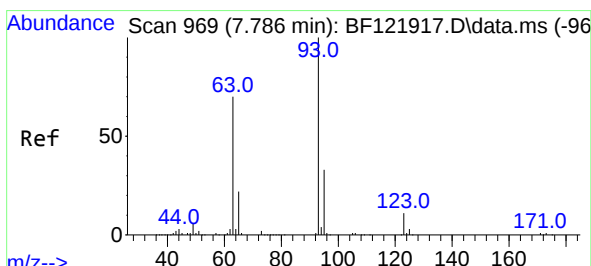
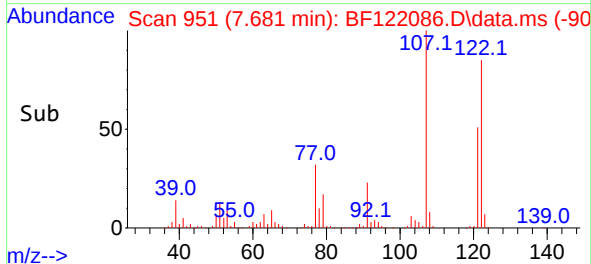
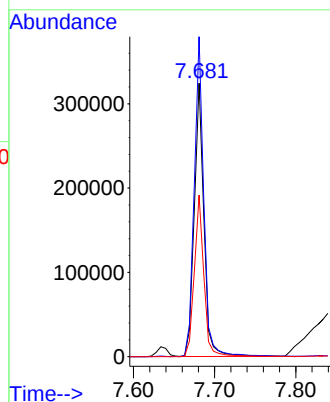
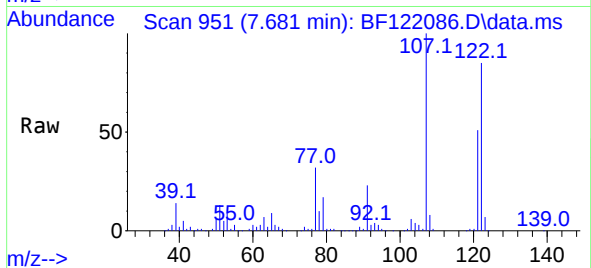
#27
2,4-Dimethylphenol
Concen: 39.62 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	122	Resp:	269920
Ion	Ratio	Lower	Upper
122	100		
107	117.0	90.8	136.2
121	59.1	47.5	71.3

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

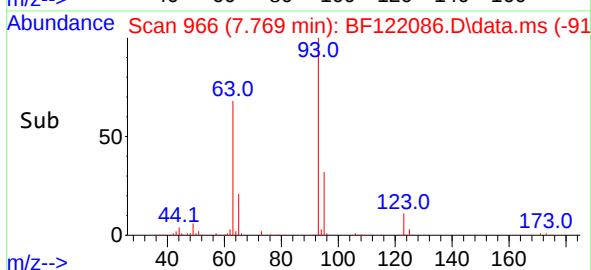
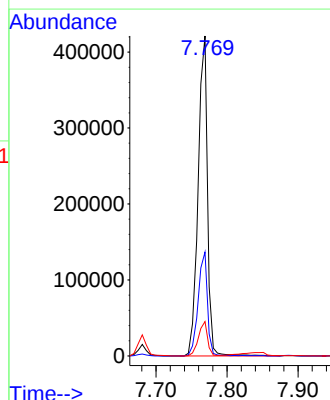
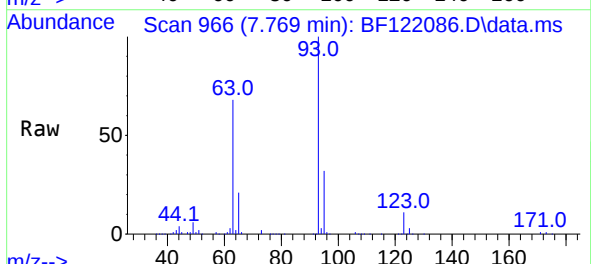
Manual Integrations
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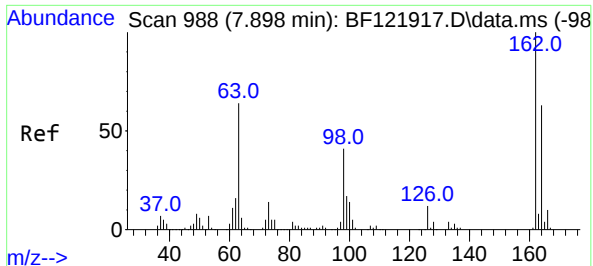
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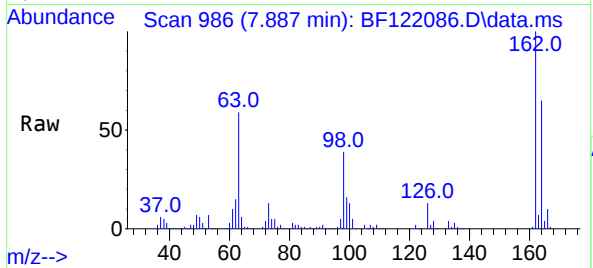
#28
bis(2-Chloroethoxy)methane
Concen: 40.40 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	93	Resp:	388095
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	10.7	8.8	13.2

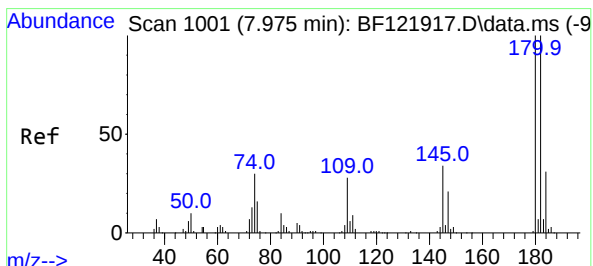
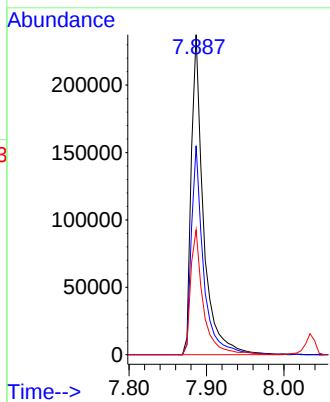
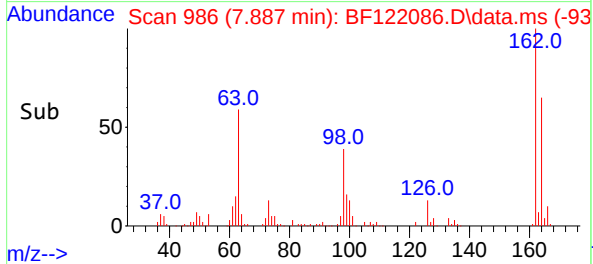




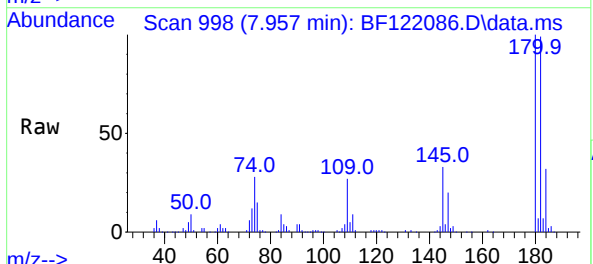
#29
2,4-Dichlorophenol
Concen: 40.89 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



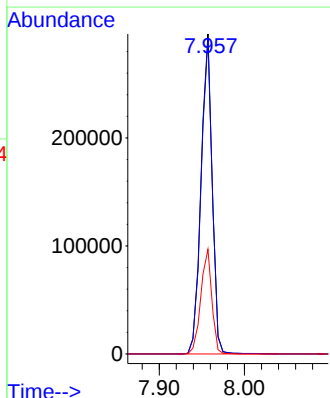
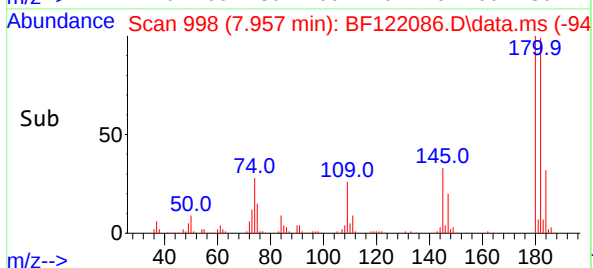
Tgt Ion:162 Resp: 260903
Ion Ratio Lower Upper
162 100
164 65.3 42.5 82.5
98 39.0 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 39.69 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



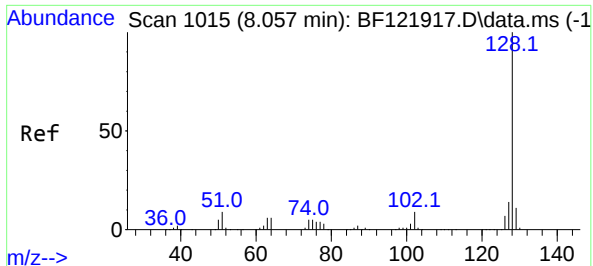
Tgt Ion:180 Resp: 269291
Ion Ratio Lower Upper
180 100
182 98.5 79.4 119.2
145 32.7 25.5 38.3



Instrument :
BNA_F
ClientSampleId :
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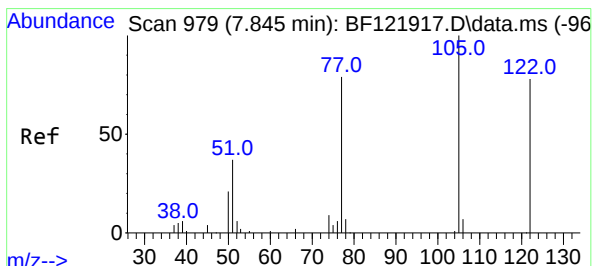
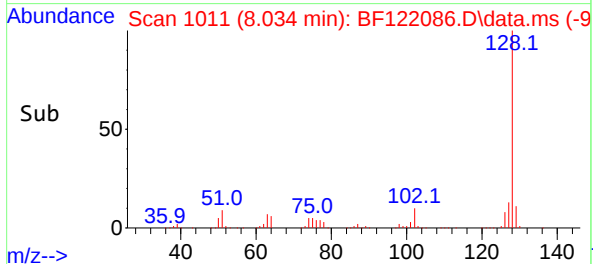
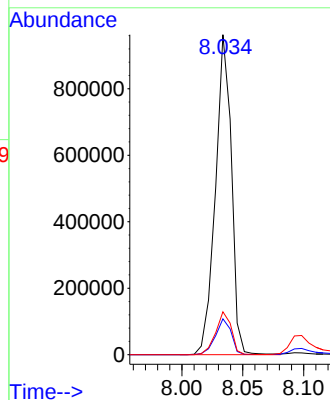
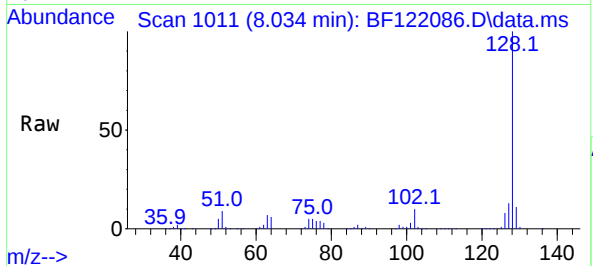
#31
Naphthalene
Concen: 39.28 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:128 Resp: 876231
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

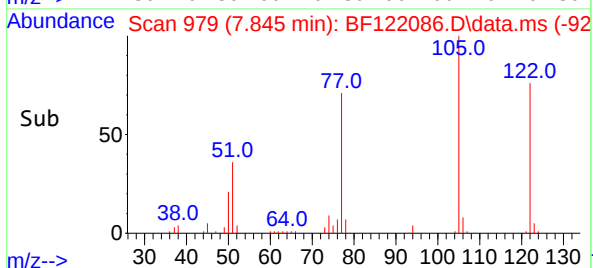
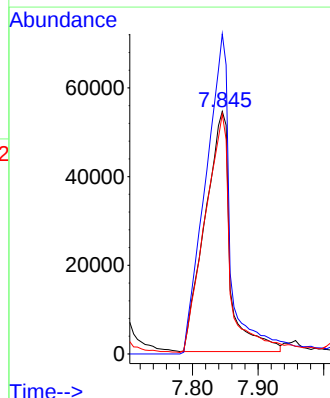
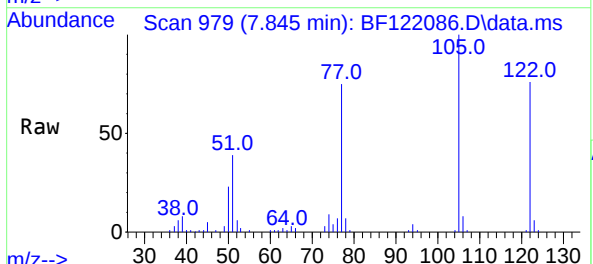
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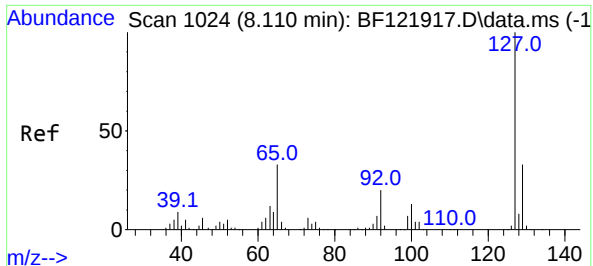
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#32
Benzoic acid
Concen: 39.35 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:122 Resp: 146808
Ion Ratio Lower Upper
122 100
105 132.0 103.3 143.3
77 98.9 73.9 113.9





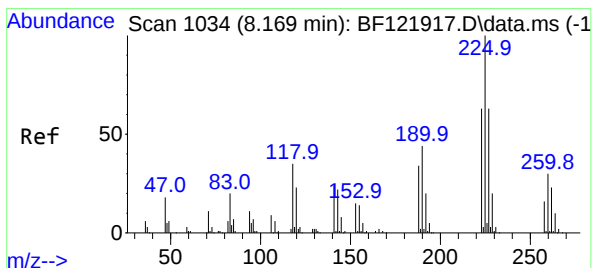
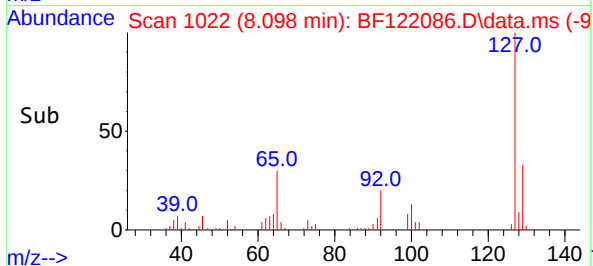
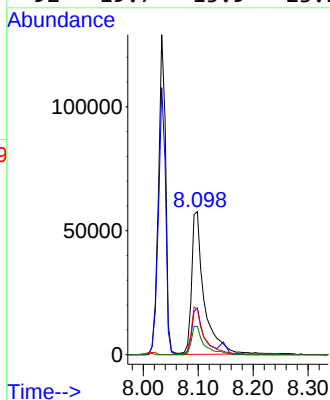
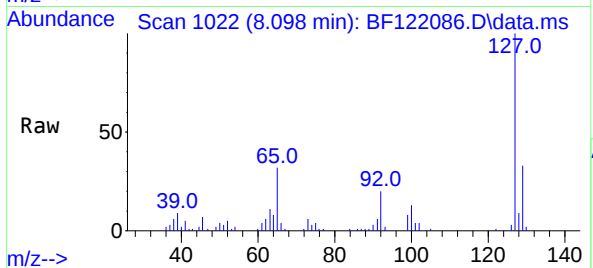
#33
4-Chloroaniline
Concen: 9.61 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	127	Resp:	91318
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	31.9	26.2	39.2
92	19.7	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

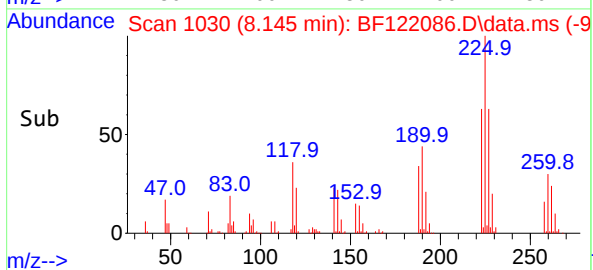
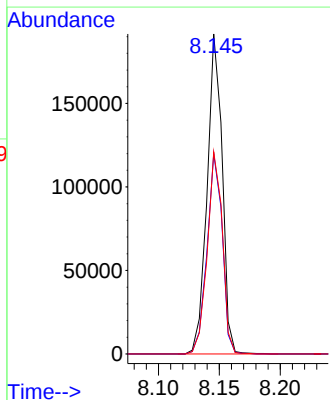
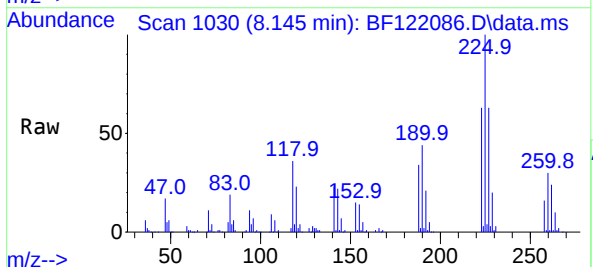
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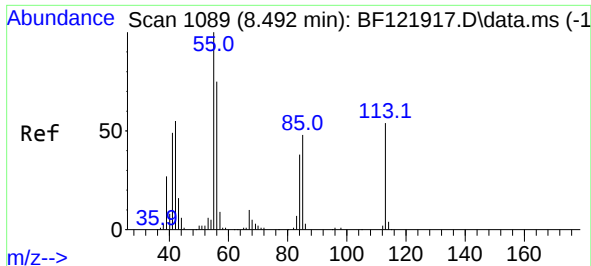
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#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	225	Resp:	164097
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	63.2	51.0	76.6





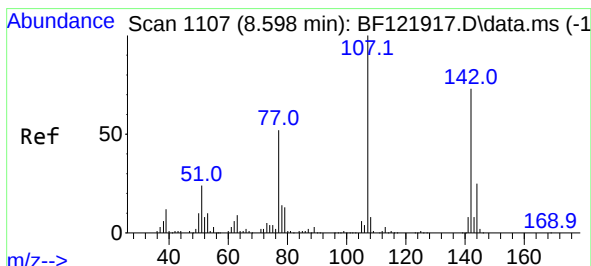
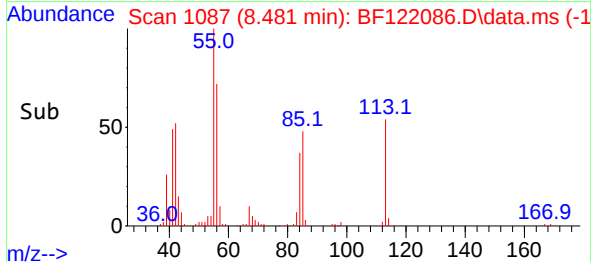
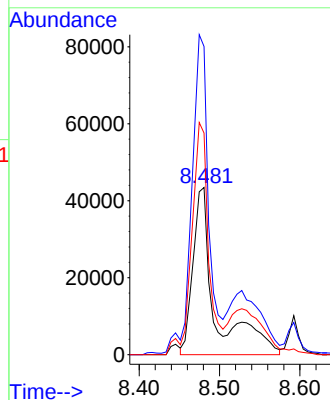
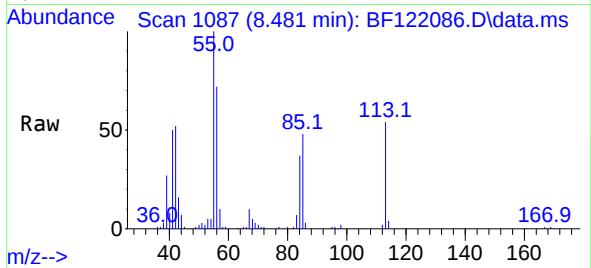
#35
Caprolactam
Concen: 41.42 ng m
RT: 8.481 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:113 Resp: 83924
Ion Ratio Lower Upper
113 100
55 184.2 167.5 207.5
56 132.5 121.2 161.2

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

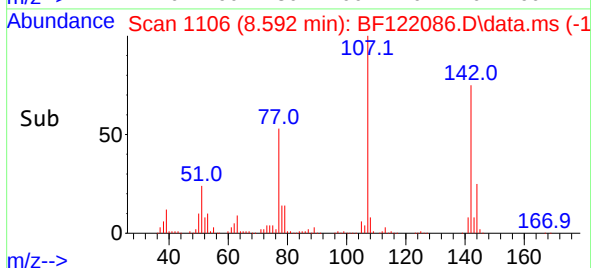
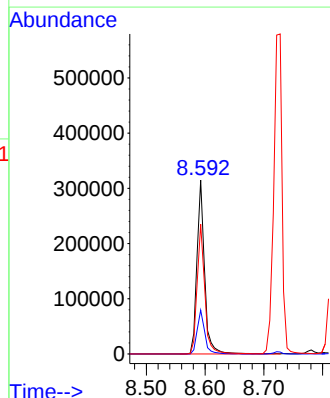
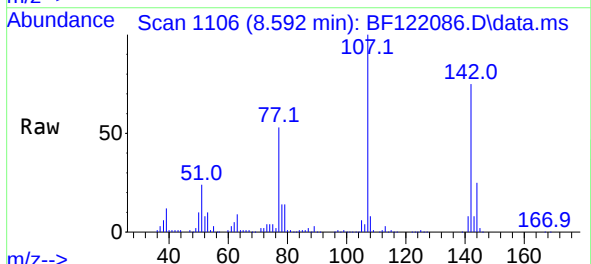
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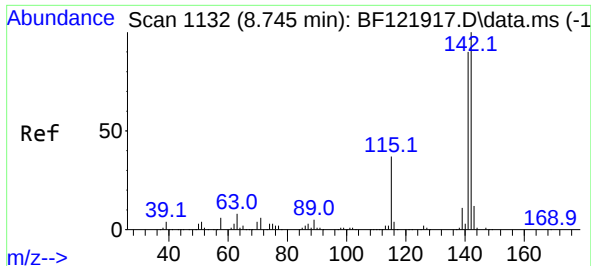
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#36
4-Chloro-3-methylphenol
Concen: 41.29 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

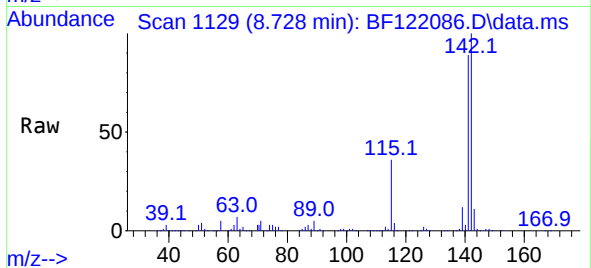
Tgt Ion:107 Resp: 282983
Ion Ratio Lower Upper
107 100
144 25.2 20.1 30.1
142 74.6 59.3 88.9





#37
2-Methylnaphthalene
Concen: 39.45 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

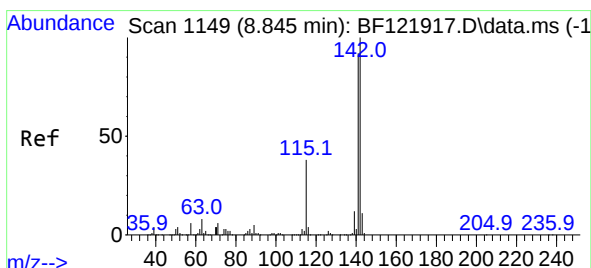
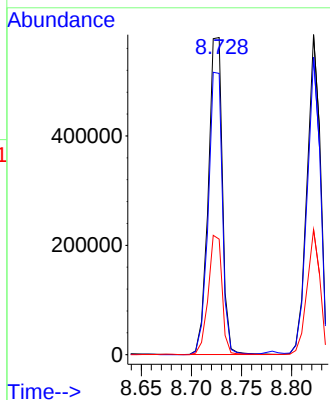
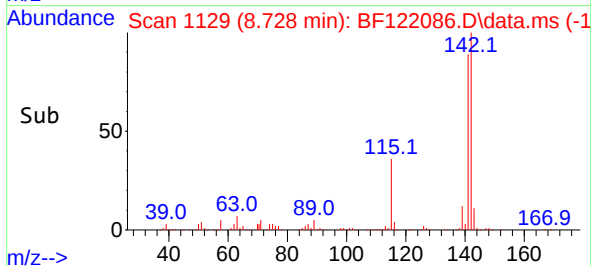
Instrument :
BNA_F
ClientSampled :
VNJ-238MSD



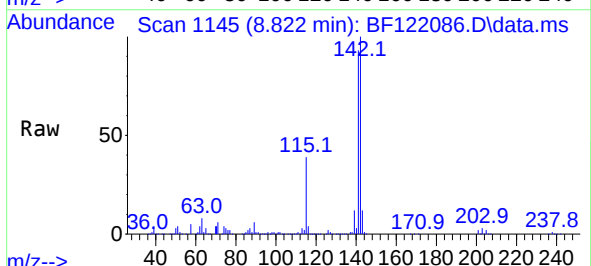
Tgt Ion:142 Resp: 569934
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.4
115 36.4 28.6 43.0

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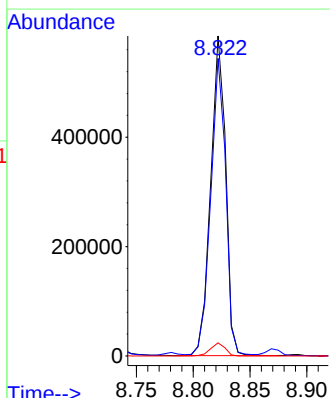
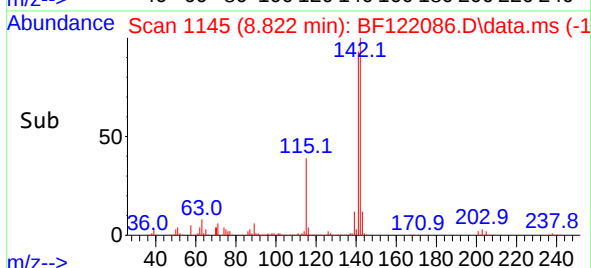
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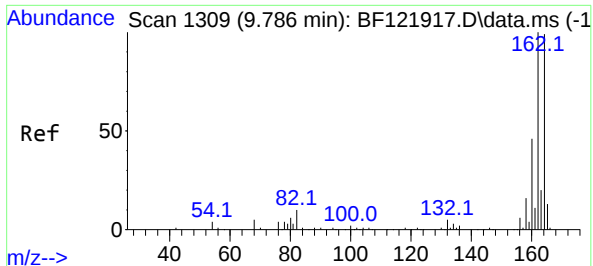


#38
1-Methylnaphthalene
Concen: 40.10 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



Tgt Ion:142 Resp: 536478
Ion Ratio Lower Upper
142 100
141 93.0 74.5 111.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF122086.D

Acq: 22 Oct 2020 16:29

Tgt Ion:164 Resp: 221110

Ion Ratio Lower Upper

164 100

162 104.6 83.2 124.8

160 45.6 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

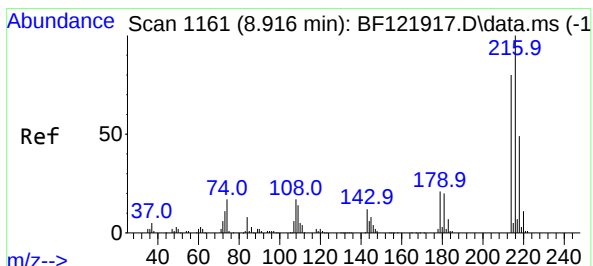
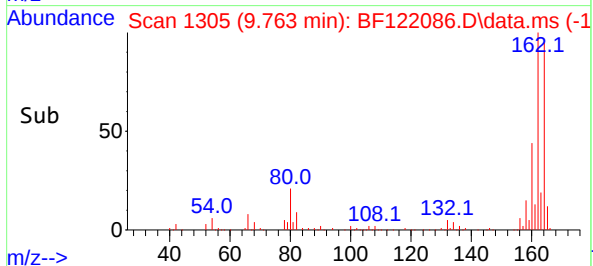
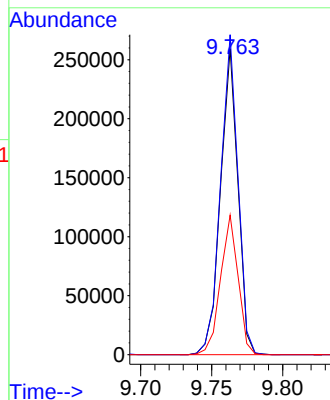
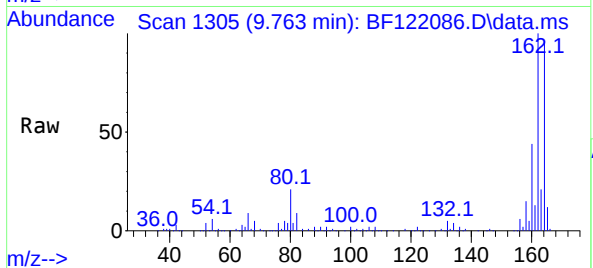
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.27 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF122086.D

Acq: 22 Oct 2020 16:29

Tgt Ion:216 Resp: 273143

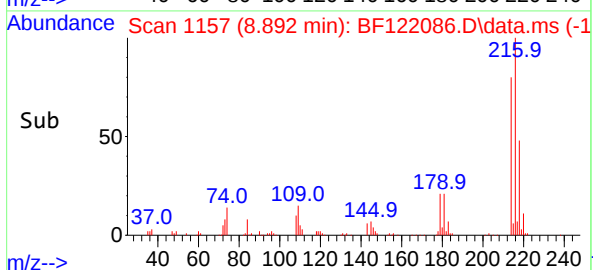
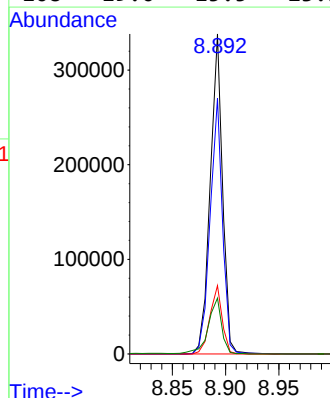
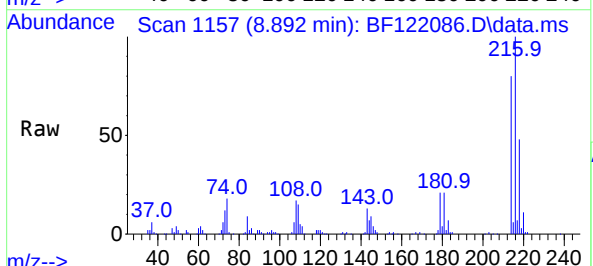
Ion Ratio Lower Upper

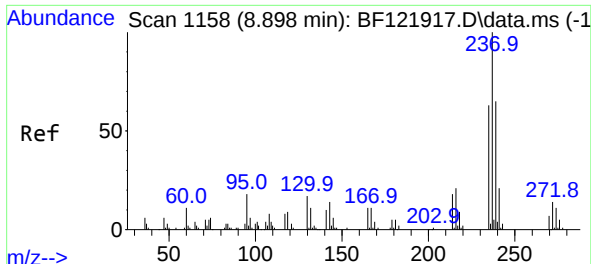
216 100

214 79.9 63.4 95.2

179 21.1 17.0 25.6

108 19.0 15.5 23.3





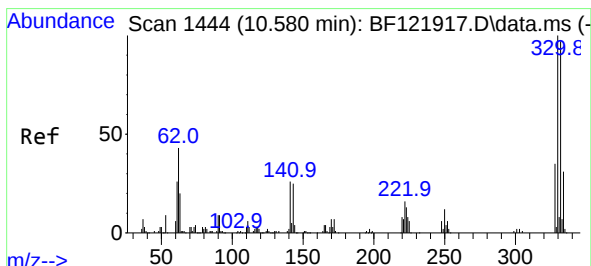
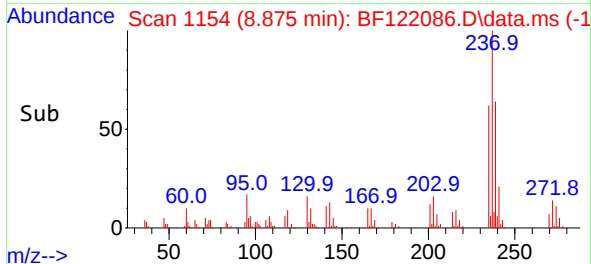
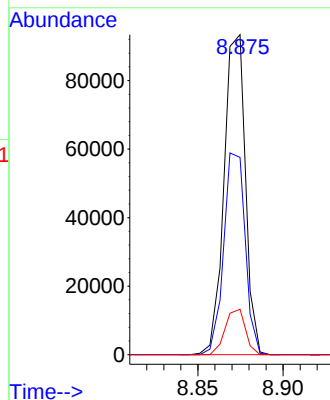
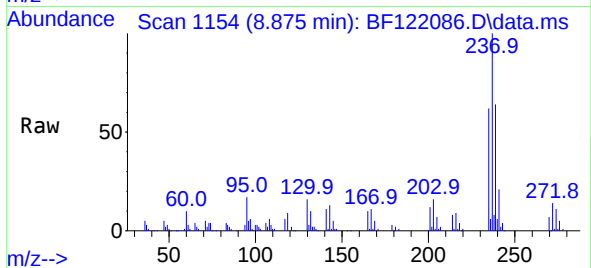
#41
Hexachlorocyclopentadiene
Concen: 48.99 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 237 Resp: 81608
Ion Ratio Lower Upper
237 100
235 61.7 41.8 81.8
272 14.2 0.0 33.5

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

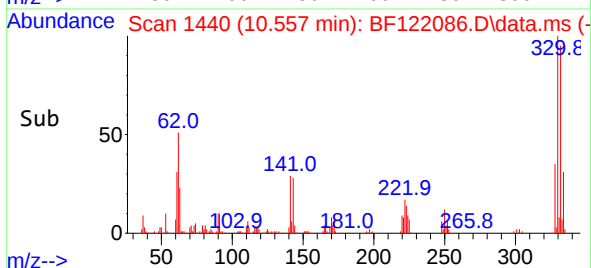
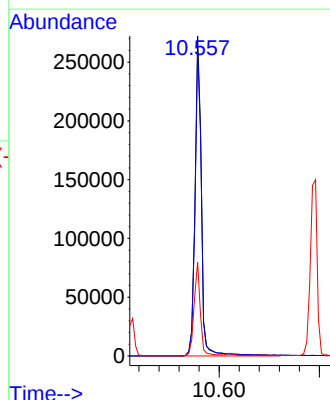
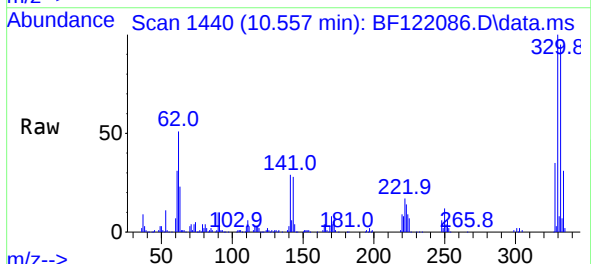
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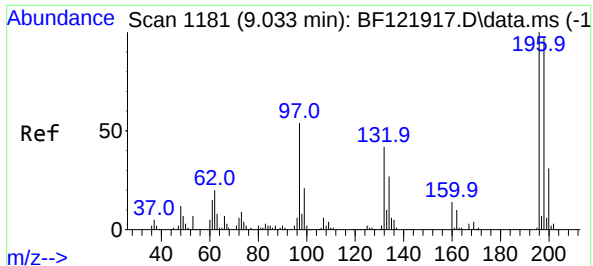
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#42
2,4,6-Tribromophenol
Concen: 88.02 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

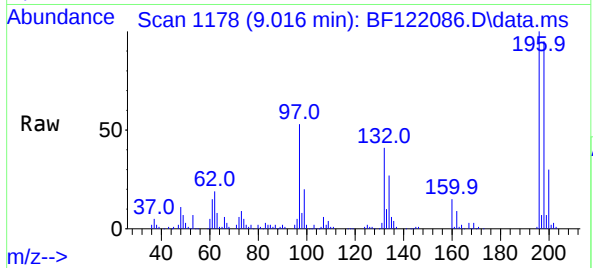
Tgt Ion: 330 Resp: 240747
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 28.6 22.3 33.5





#43
2,4,6-Trichlorophenol
Concen: 40.25 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

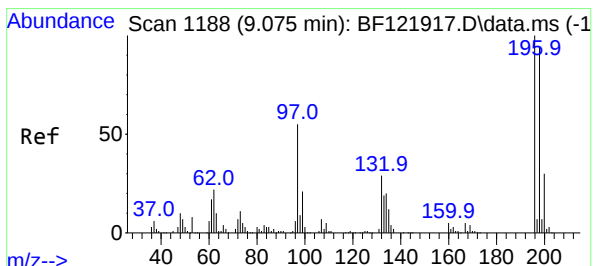
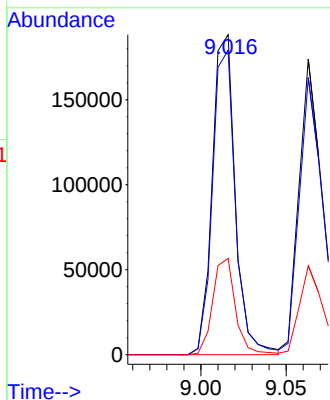
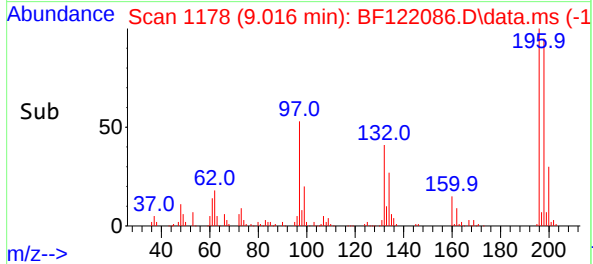
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD



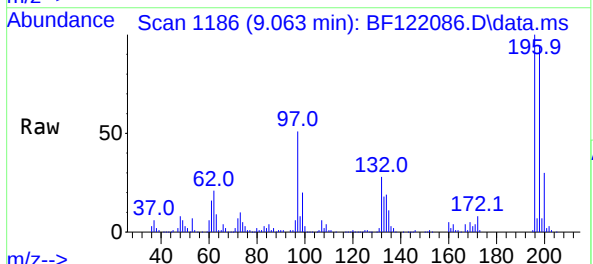
Tgt Ion:196 Resp: 177250
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.6
200 30.1 24.6 36.8

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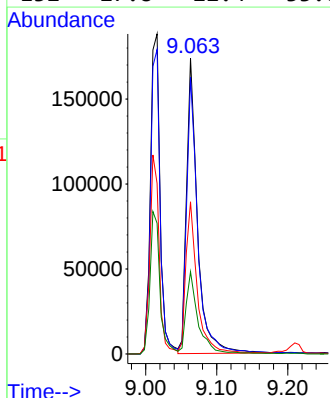
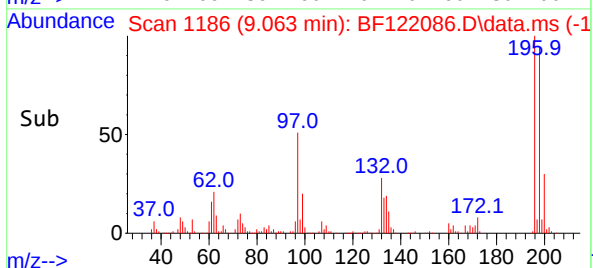
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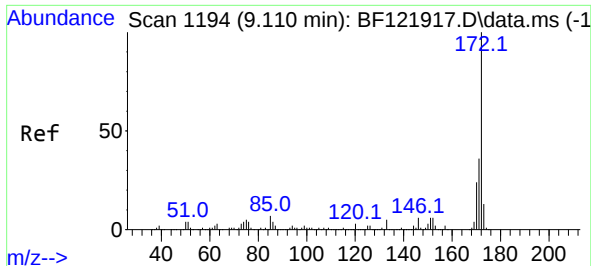


#44
2,4,5-Trichlorophenol
Concen: 39.28 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



Tgt Ion:196 Resp: 186767
Ion Ratio Lower Upper
196 100
198 93.7 76.1 114.1
97 51.5 41.0 61.6
132 27.8 22.4 33.6





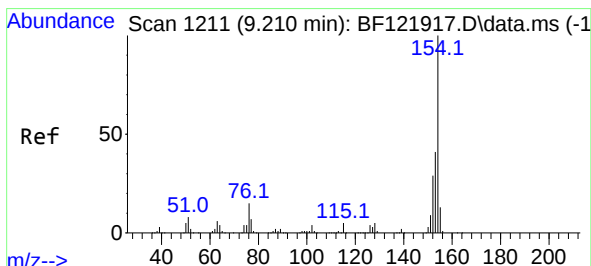
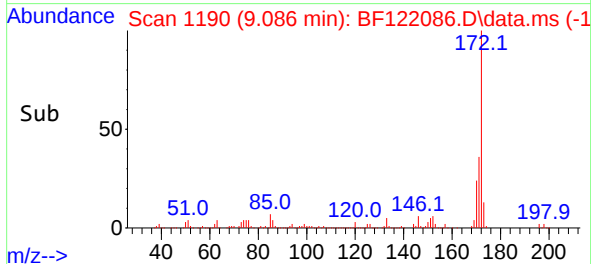
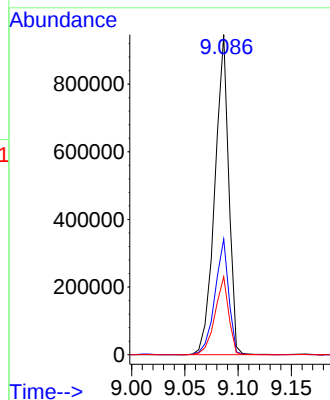
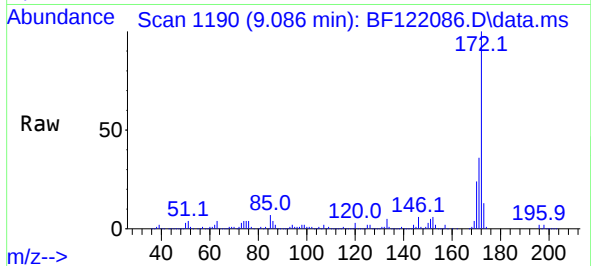
#45
2-Fluorobiphenyl
Concen: 56.97 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:172 Resp: 856132
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.4 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

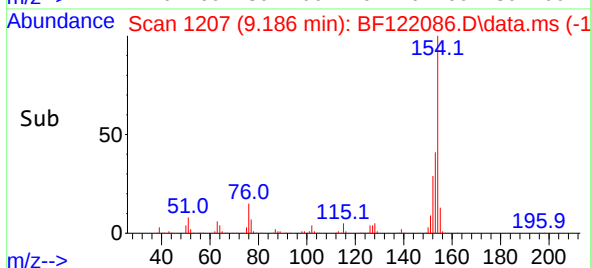
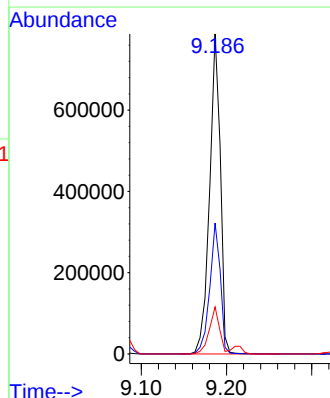
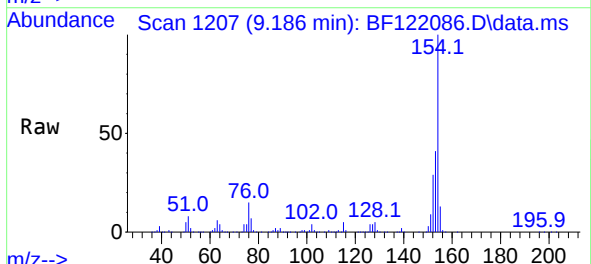
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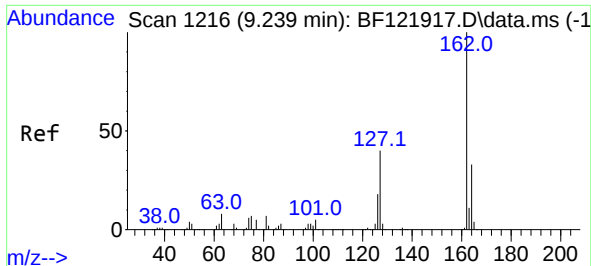
mohammad
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#46
1,1'-Biphenyl
Concen: 38.43 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:154 Resp: 690851
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 14.7 0.0 34.7





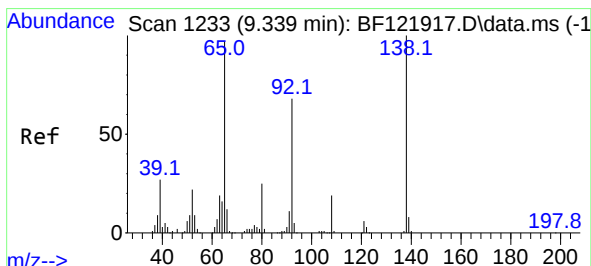
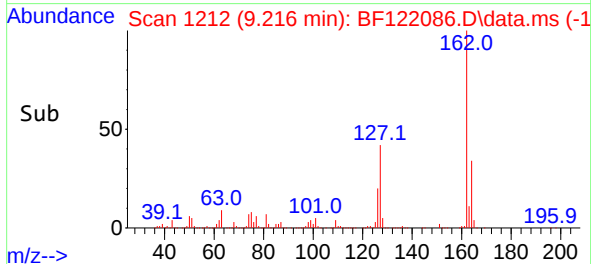
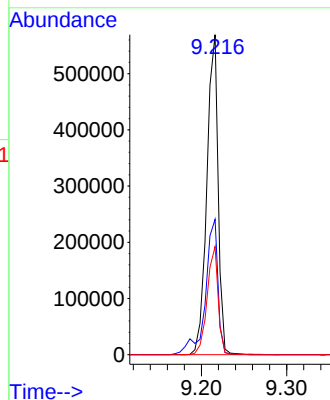
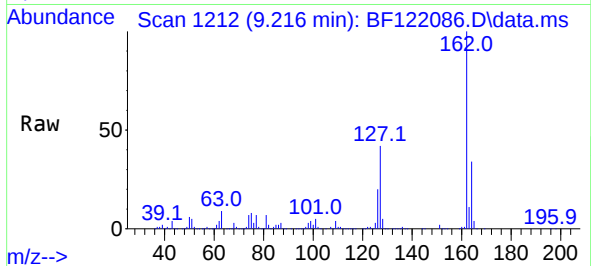
#47
2-Chloronaphthalene
Concen: 37.40 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 162 Resp: 522926
Ion Ratio Lower Upper
162 100
127 42.3 34.4 51.6
164 33.8 26.3 39.5

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

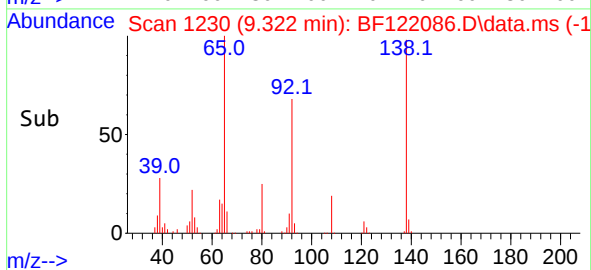
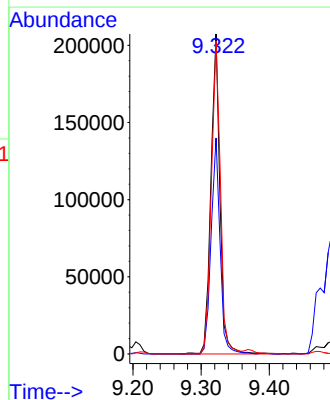
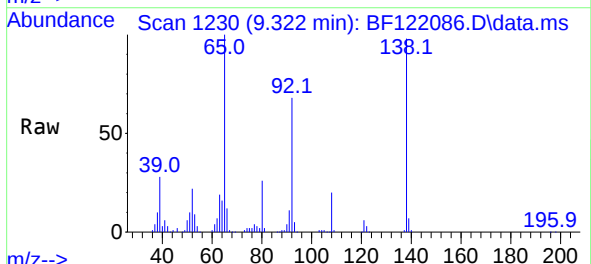
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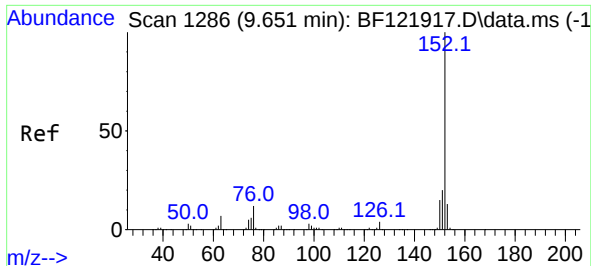
mohammad
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#48
2-Nitroaniline
Concen: 41.41 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 65 Resp: 190957
Ion Ratio Lower Upper
65 100
92 67.5 55.1 82.7
138 97.8 80.5 120.7





#49

Acenaphthylene

Concen: 38.29 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF122086.D

Acq: 22 Oct 2020 16:29

Tgt Ion:152	Resp: 822300
Ion Ratio	Lower Upper
152	100
151	20.5 16.4 24.6
153	13.2 10.6 15.8

Instrument :

BNA_F

ClientSampleId :

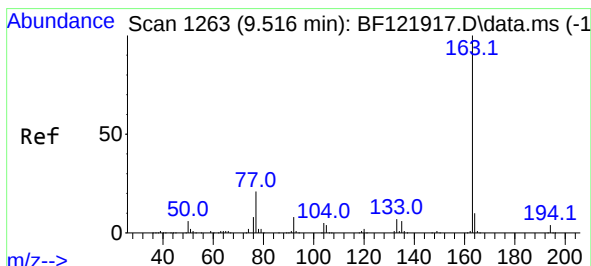
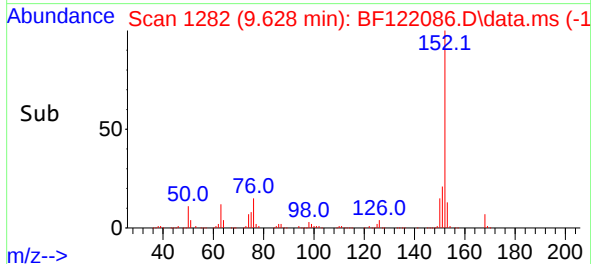
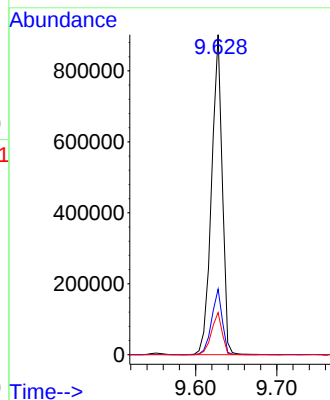
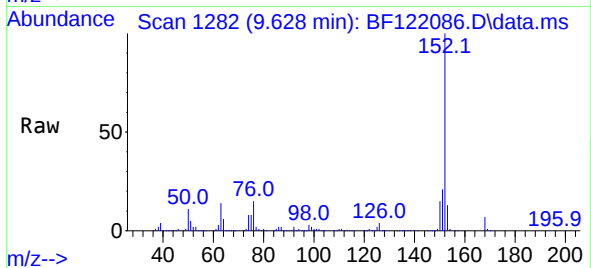
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#50

Dimethylphthalate

Concen: 48.88 ng

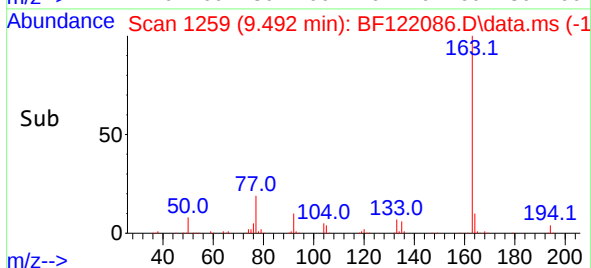
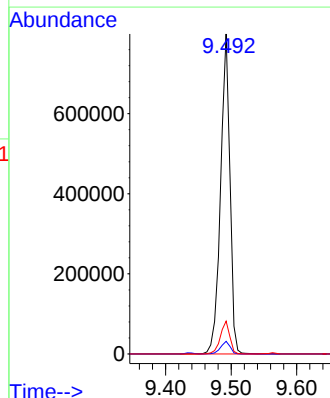
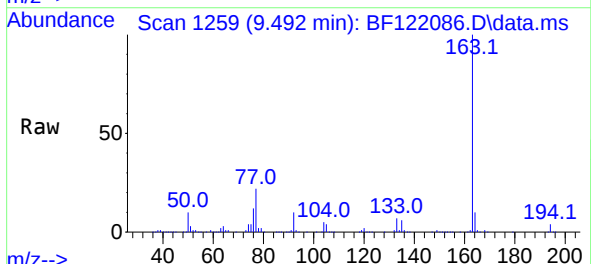
RT: 9.492 min Scan# 1259

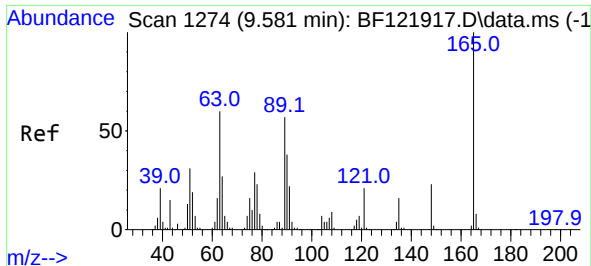
Delta R.T. -0.000 min

Lab File: BF122086.D

Acq: 22 Oct 2020 16:29

Tgt Ion:163	Resp: 790357
Ion Ratio	Lower Upper
163	100
194	4.0 3.3 4.9
164	10.2 8.2 12.4





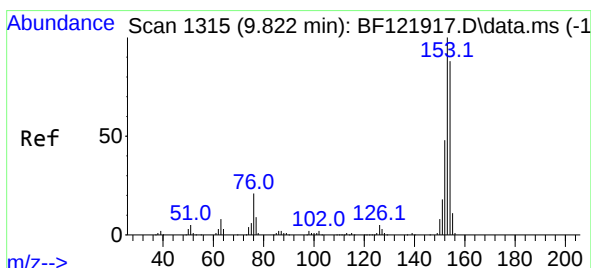
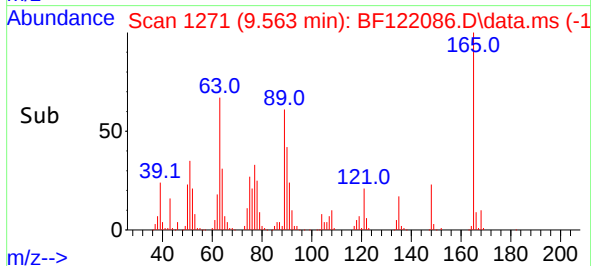
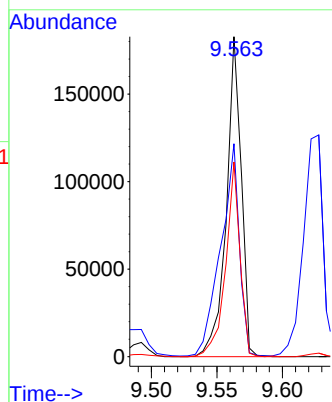
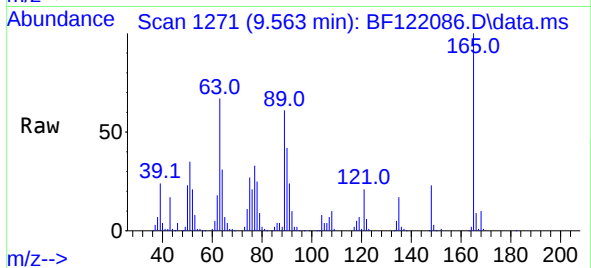
#51
2,6-Dinitrotoluene
Concen: 40.64 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:165 Resp: 144150
Ion Ratio Lower Upper
165 100
63 66.6 51.8 77.6
89 60.9 49.0 73.6

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

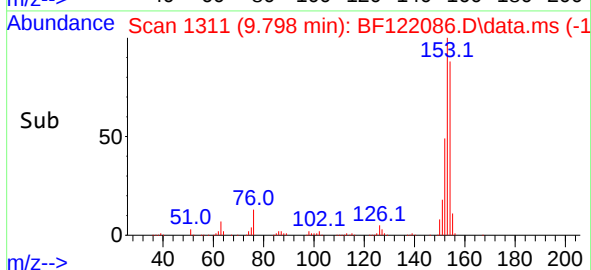
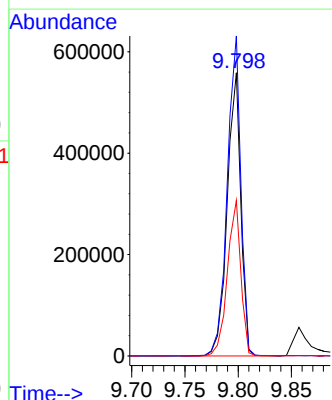
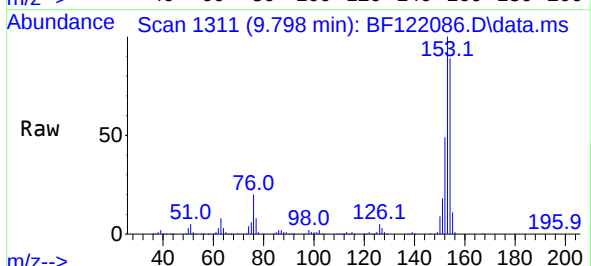
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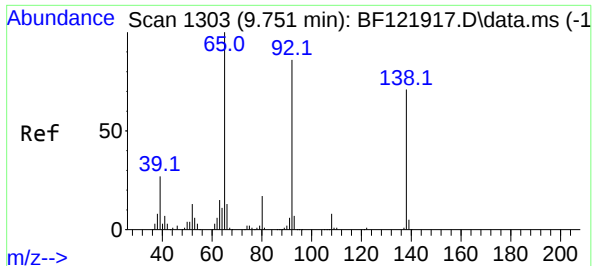
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#52
Acenaphthene
Concen: 38.75 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:154 Resp: 494931
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 54.9 43.2 64.8





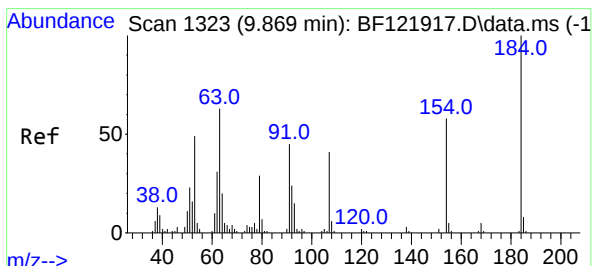
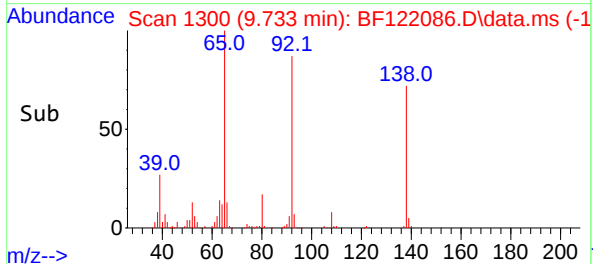
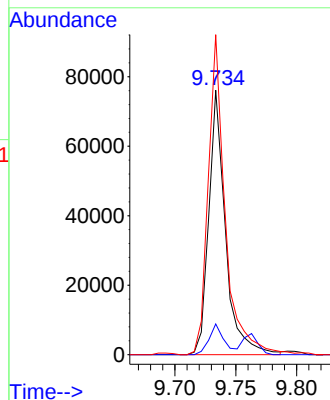
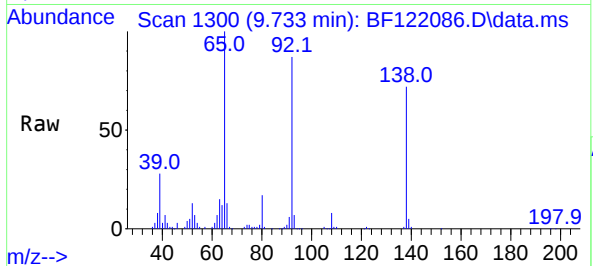
#53
3-Nitroaniline
Concen: 17.97 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:138 Resp: 72477
Ion Ratio Lower Upper
138 100
108 11.6 8.6 13.0
92 121.0 96.6 144.8

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

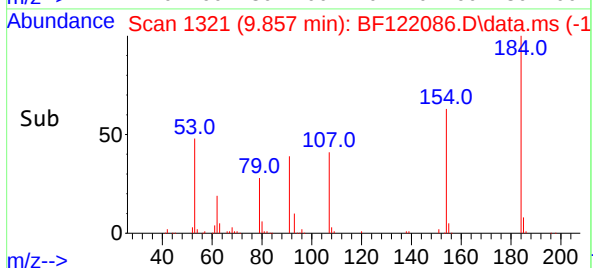
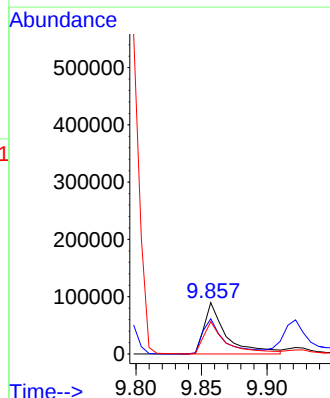
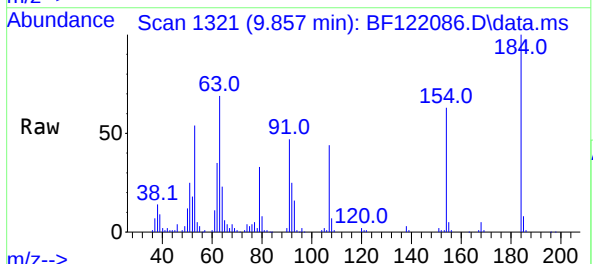
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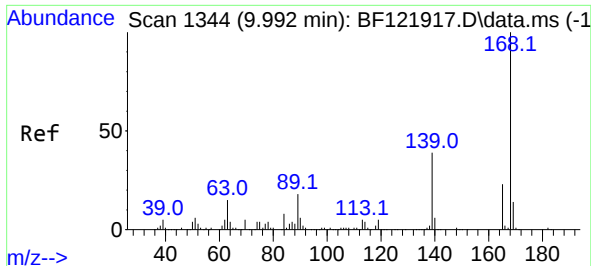
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#54
2,4-Dinitrophenol
Concen: 60.45 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:184 Resp: 105094
Ion Ratio Lower Upper
184 100
63 68.6 45.9 68.9
154 63.1 45.8 68.6





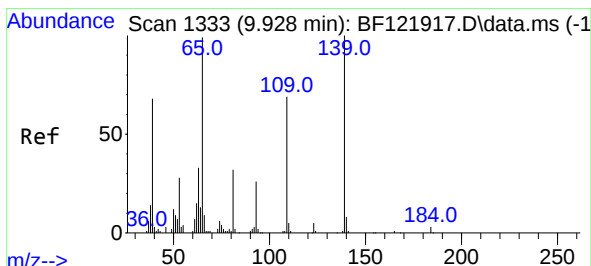
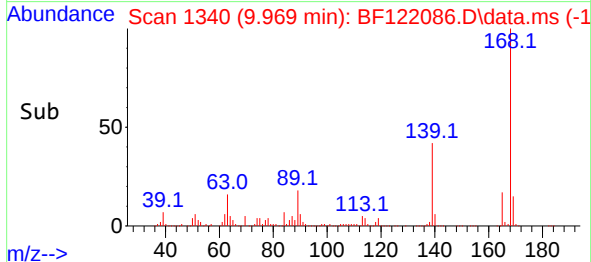
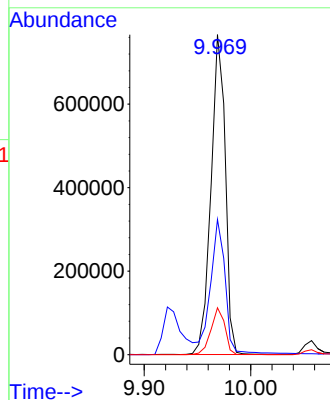
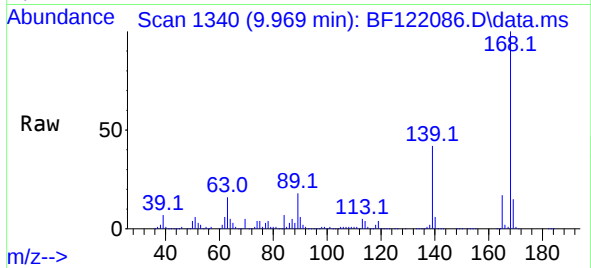
#55
Dibenzenofuran
Concen: 38.22 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	168	Resp:	713939
Ion Ratio	Lower	Upper	
168	100		
139	42.2	31.0	46.6
169	14.6	11.3	16.9

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

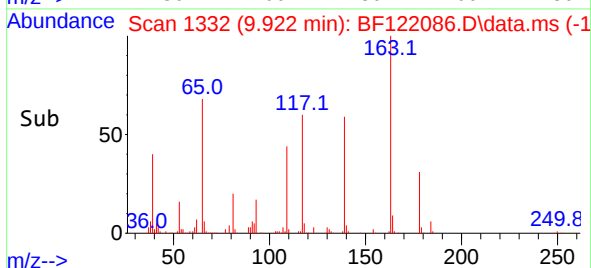
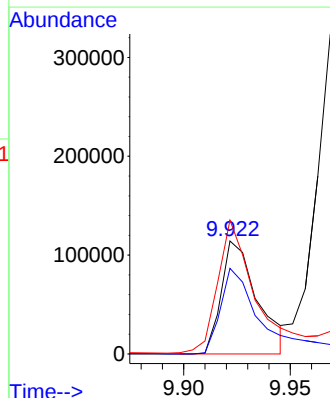
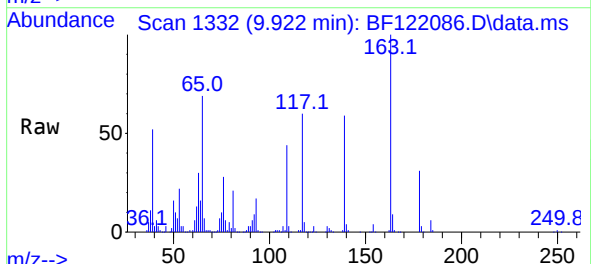
Manual Integrations
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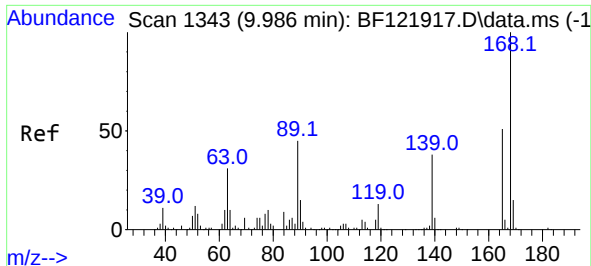
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#56
4-Nitrophenol
Concen: 61.25 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

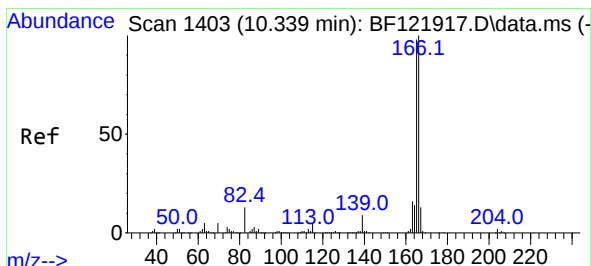
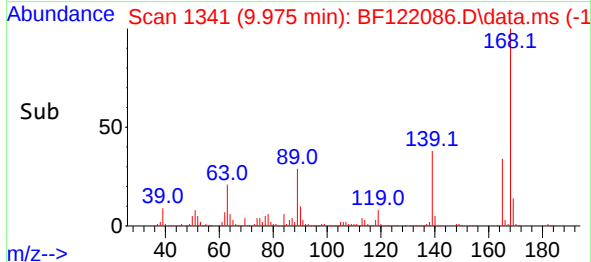
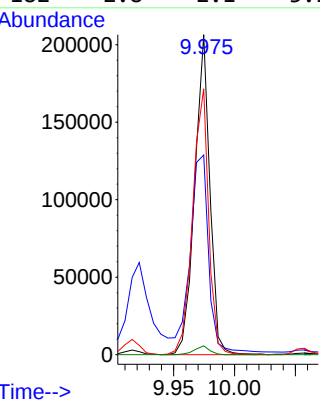
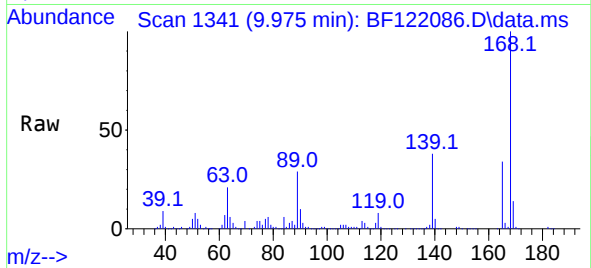
Tgt Ion:	139	Resp:	134396
Ion Ratio	Lower	Upper	
139	100		
109	75.7	45.4	85.4
65	118.4	68.4	108.4#





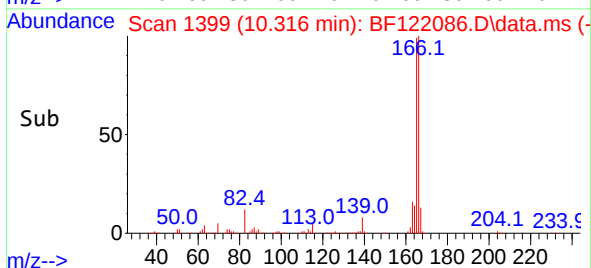
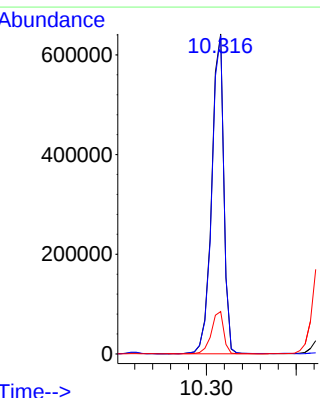
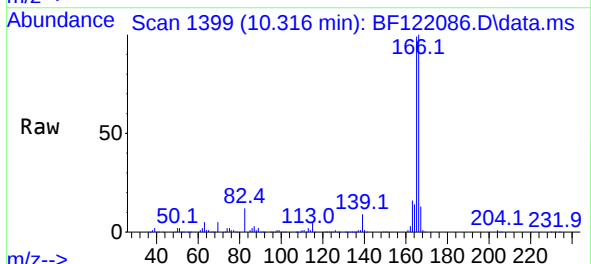
#57
2,4-Dinitrotoluene
Concen: 41.10 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:165 Resp: 179431
Ion Ratio Lower Upper
165 100
63 62.4 41.3 61.9#
89 83.1 61.8 92.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 39.72 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

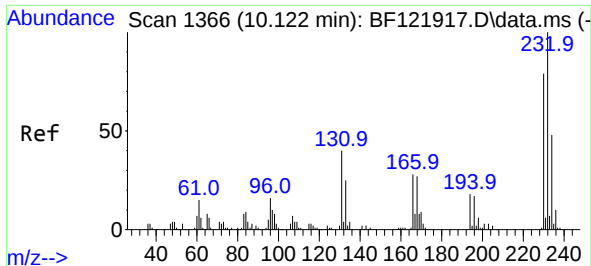
Tgt Ion:166 Resp: 597838
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 13.2 11.0 16.6



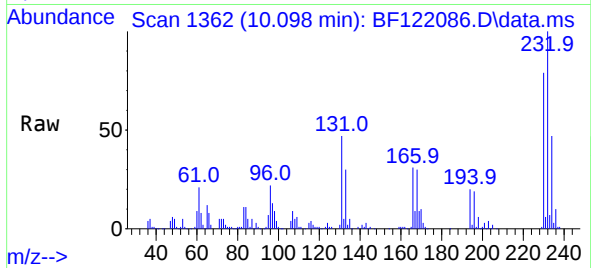
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

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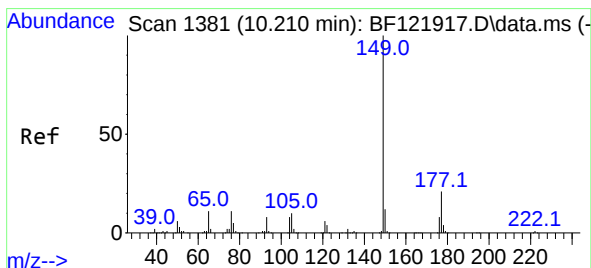
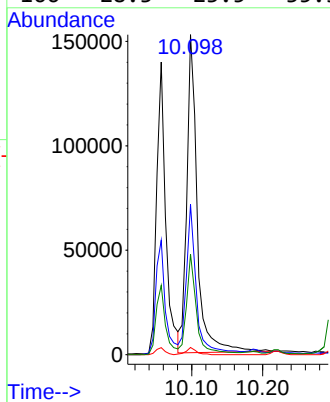
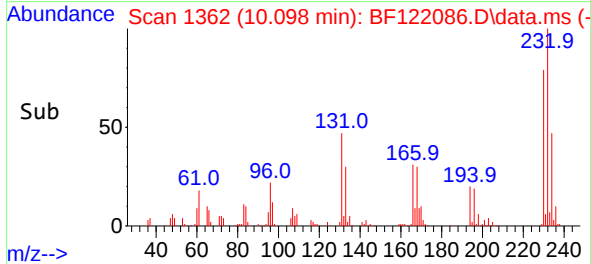
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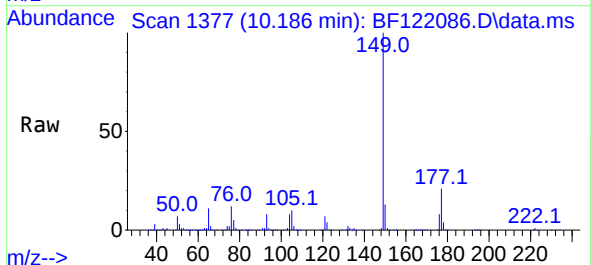
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.39 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



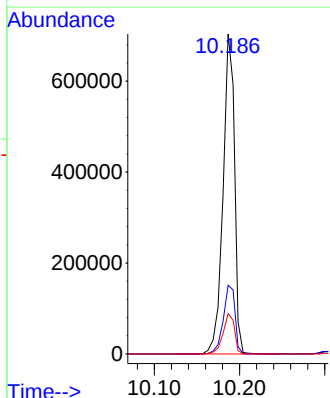
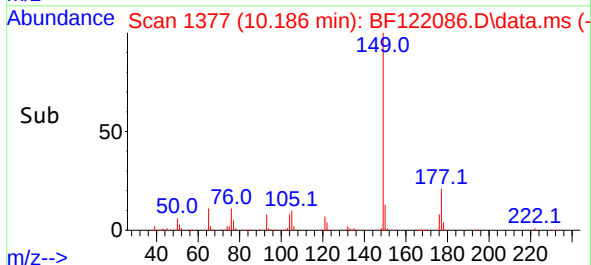
Tgt Ion:232 Resp: 155964
Ion Ratio Lower Upper
232 100
131 42.5 35.9 53.9
130 2.2 1.8 2.6
166 28.3 23.5 35.3



#60
Diethylphthalate
Concen: 42.21 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



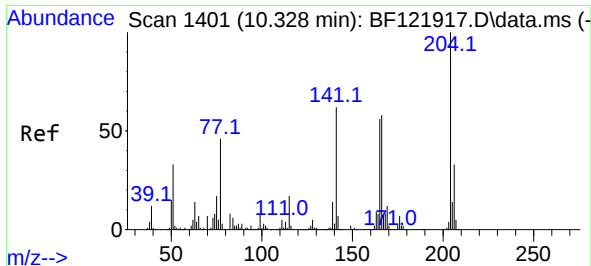
Tgt Ion:149 Resp: 658061
Ion Ratio Lower Upper
149 100
177 21.5 18.1 27.1
150 12.6 10.3 15.5



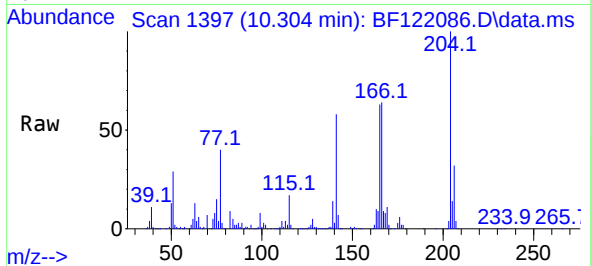
Instrument :
BNA_F
ClientSampleId :
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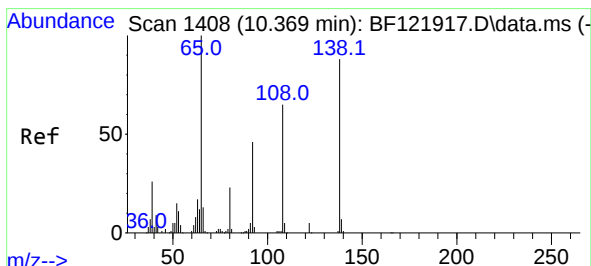
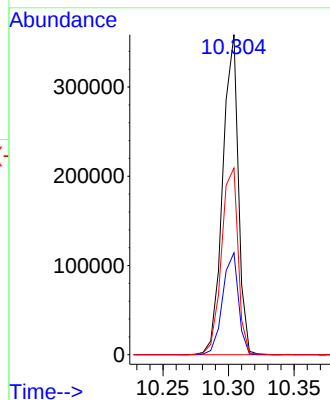
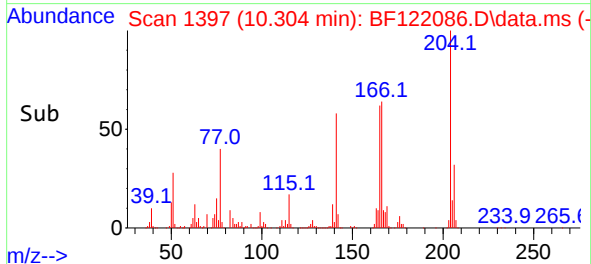
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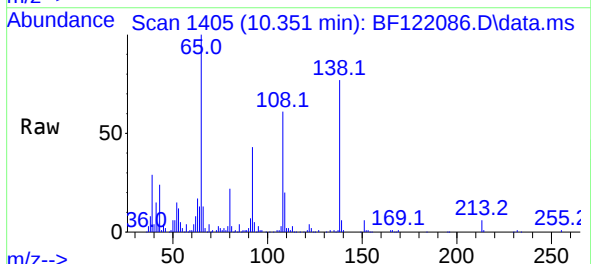
#61
4-Chlorophenyl-phenylether
Concen: 41.06 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



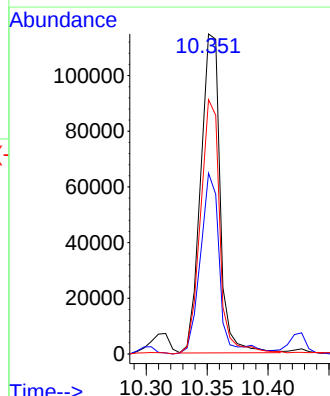
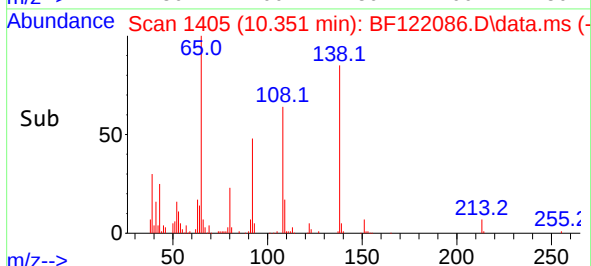
Tgt Ion:204 Resp: 296378
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 58.4 46.2 69.4



#62
4-Nitroaniline
Concen: 31.71 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



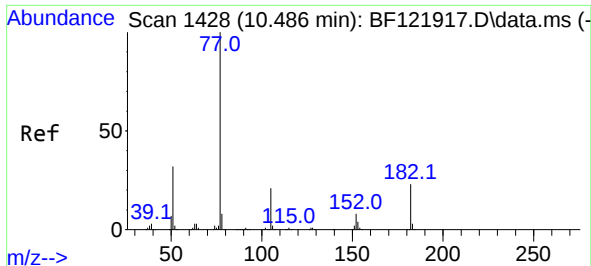
Tgt Ion:138 Resp: 127780
Ion Ratio Lower Upper
138 100
92 56.5 31.0 71.0
108 79.5 51.5 91.5



Instrument :
BNA_F
ClientSampleId :
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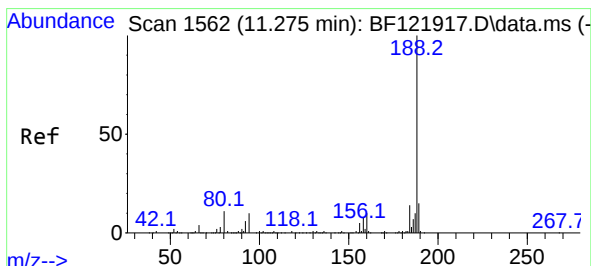
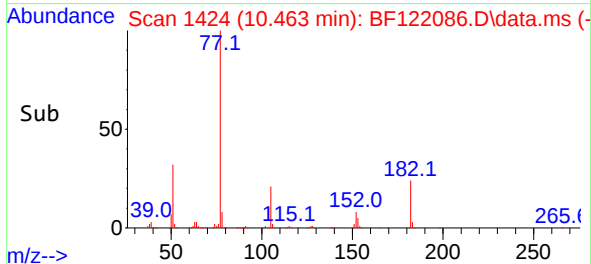
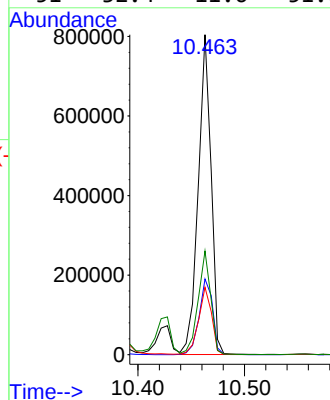
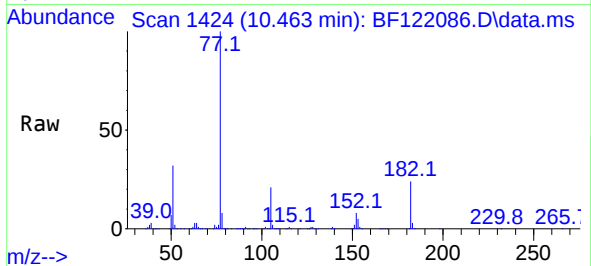
#63
Azobenzene
Concen: 40.90 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion: 77	Resp: 674328
Ion Ratio	Lower Upper
77 100	
182 23.7	3.4 43.4
105 21.1	1.7 41.7
51 32.4	11.6 51.6

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

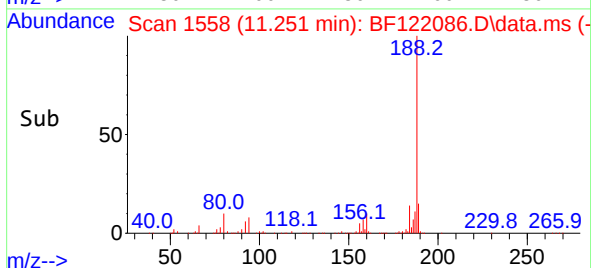
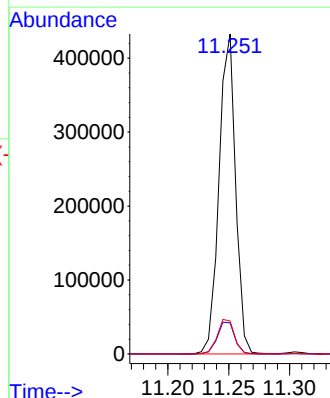
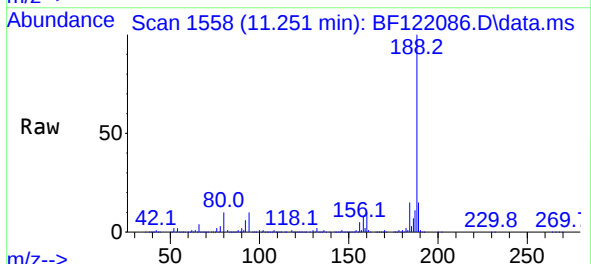
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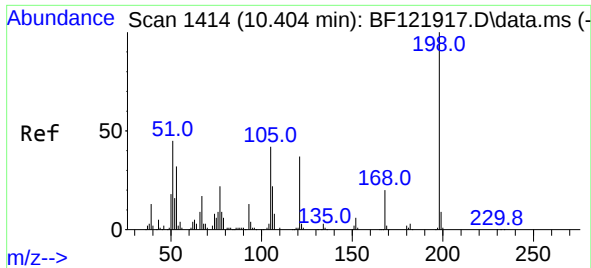
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:188	Resp: 409273		
Ion Ratio	Lower	Upper	
188 100			
94 9.7	8.3	12.5	
80 10.3	9.1	13.7	





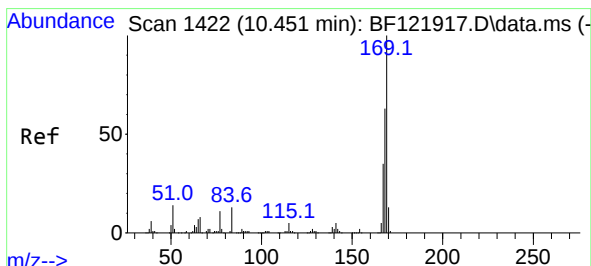
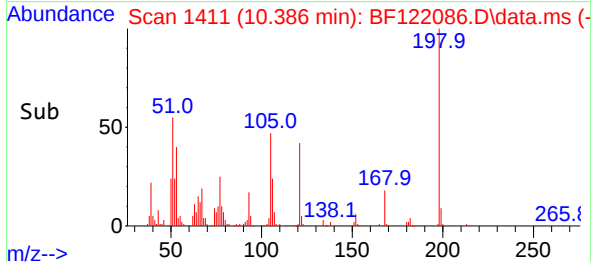
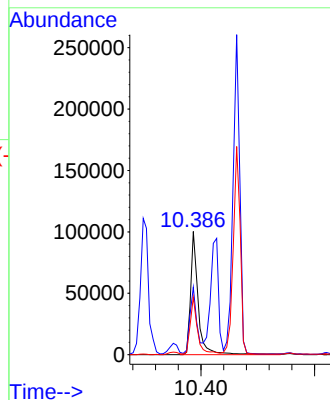
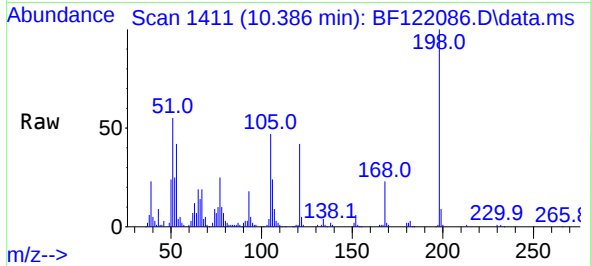
#65
4,6-Dinitro-2-methylphenol
Concen: 35.13 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	198	Resp:	92749
Ion Ratio	Lower	Upper	
198	100		
51	54.7	29.6	69.6
105	46.8	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

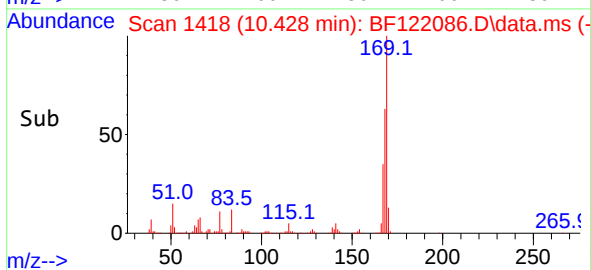
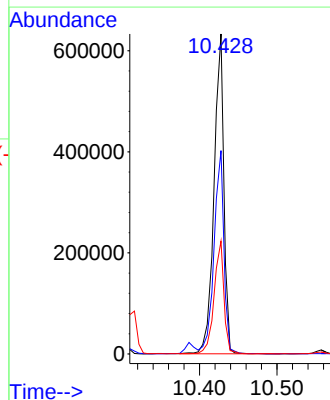
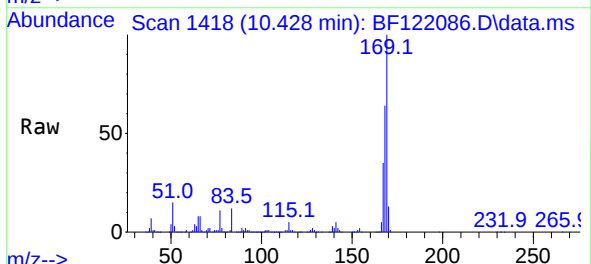
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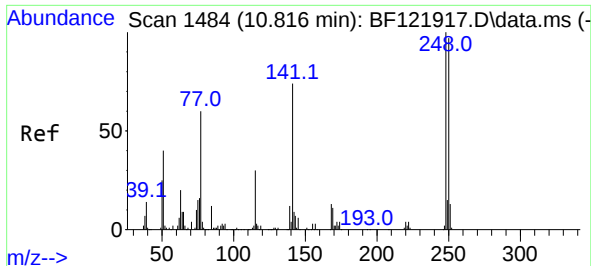
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#66
n-Nitrosodiphenylamine
Concen: 39.68 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	169	Resp:	559353
Ion Ratio	Lower	Upper	
169	100		
168	63.5	50.0	75.0
167	35.2	27.8	41.6





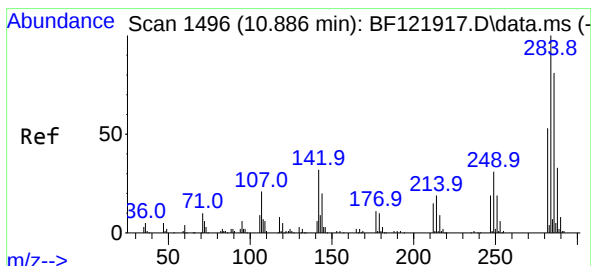
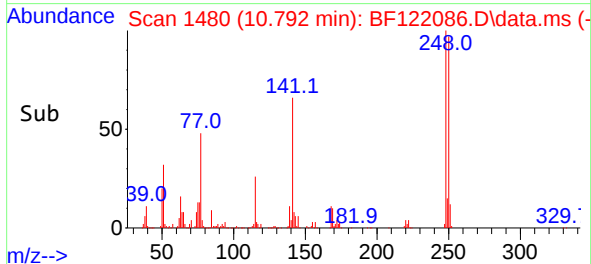
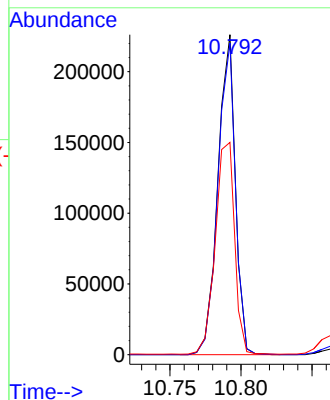
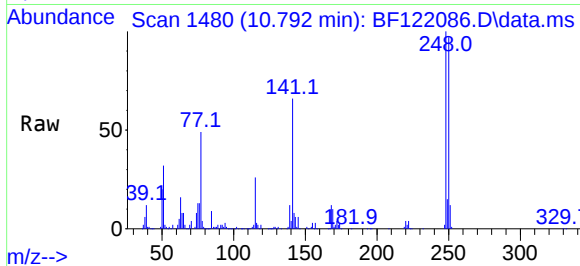
#67
4-Bromophenyl-phenylether
Concen: 40.88 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:248 Resp: 193289
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.6
141 66.4 53.7 80.5

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

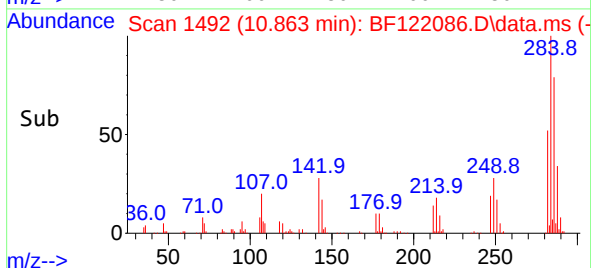
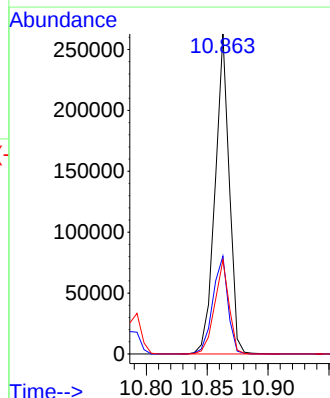
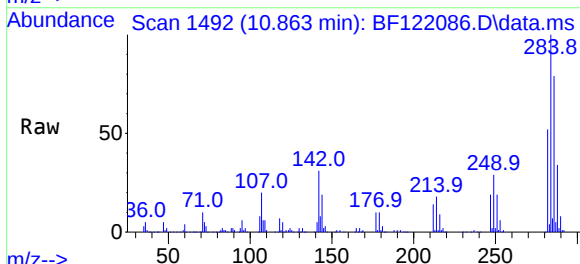
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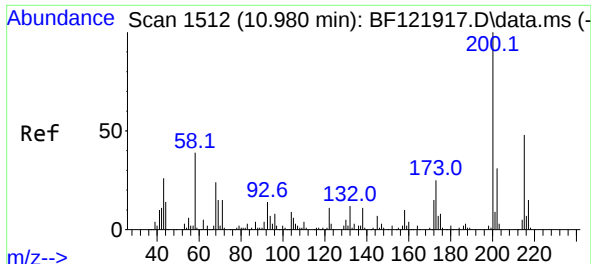
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#68
Hexachlorobenzene
Concen: 39.82 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:284 Resp: 213118
Ion Ratio Lower Upper
284 100
142 30.6 27.4 41.2
249 29.4 24.2 36.4





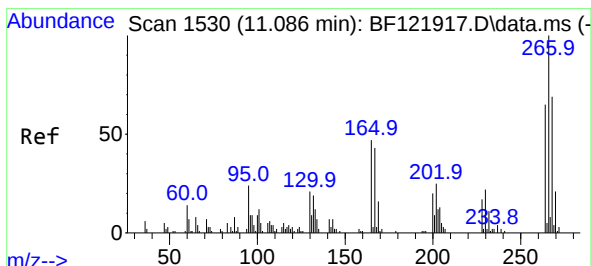
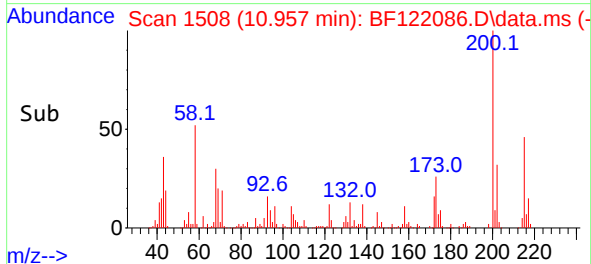
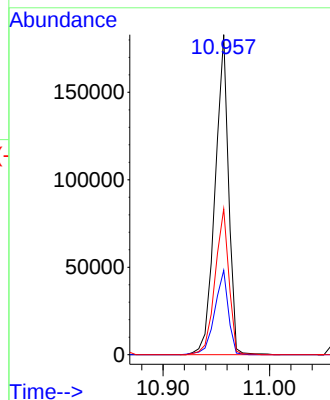
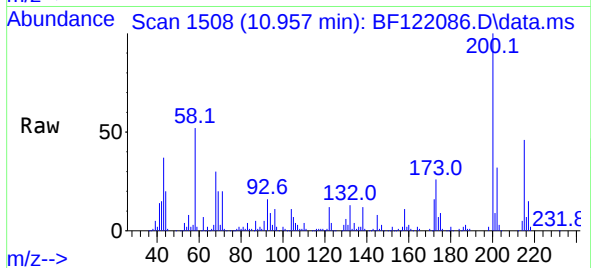
#69
Atrazine
Concen: 46.39 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:200 Resp: 159931
Ion Ratio Lower Upper
200 100
173 26.3 7.5 47.5
215 45.5 27.1 67.1

Instrument :
BNA_F
ClientSampleId :
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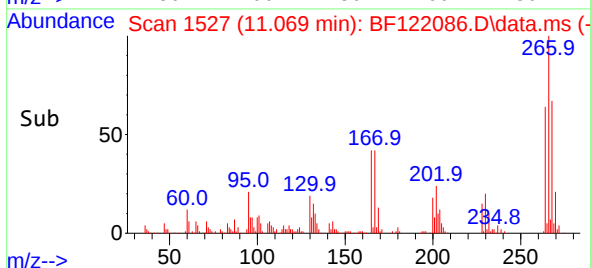
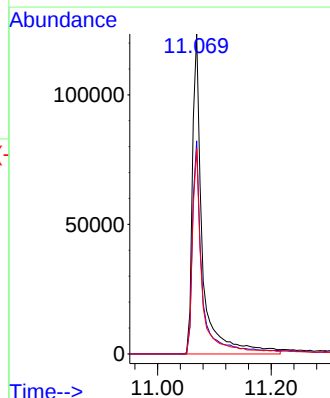
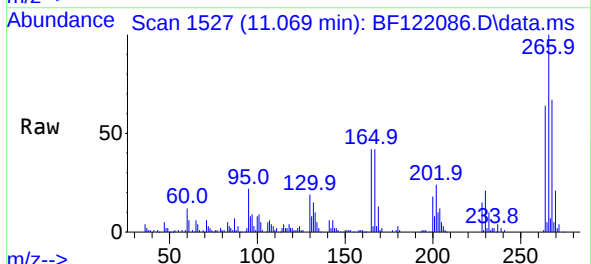
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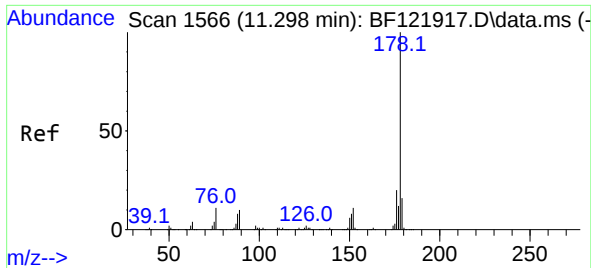
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#70
Pentachlorophenol
Concen: 73.18 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:266 Resp: 152410
Ion Ratio Lower Upper
266 100
268 66.6 52.4 78.6
264 64.4 49.9 74.9





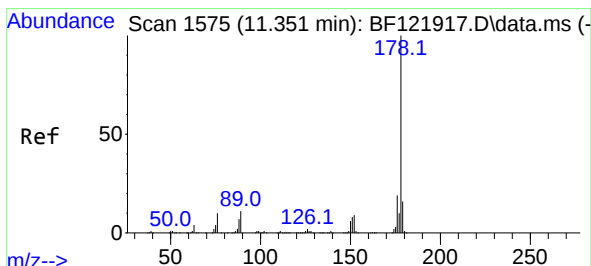
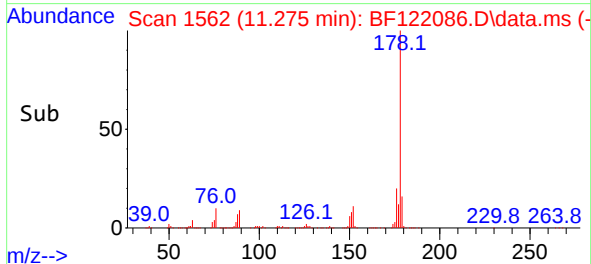
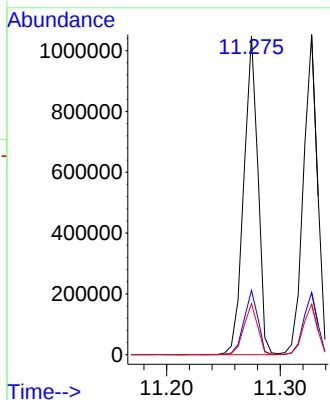
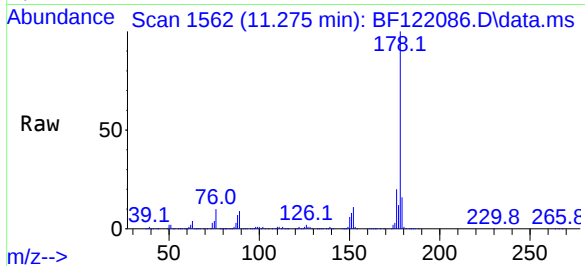
#71
Phenanthrene
Concen: 40.46 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:178 Resp: 908037
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.0 12.2 18.4

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

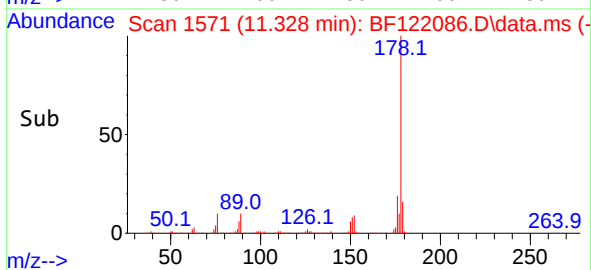
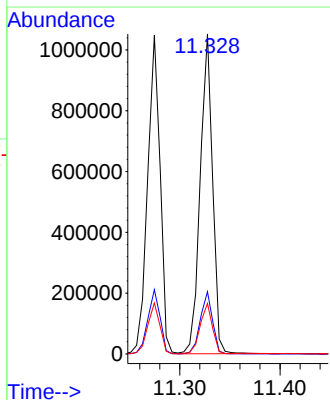
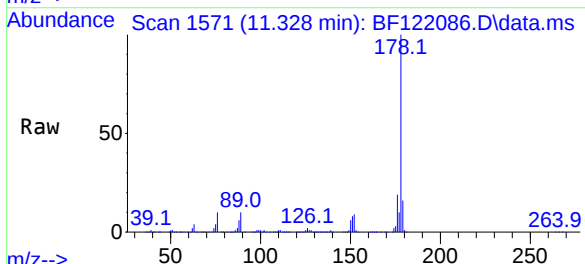
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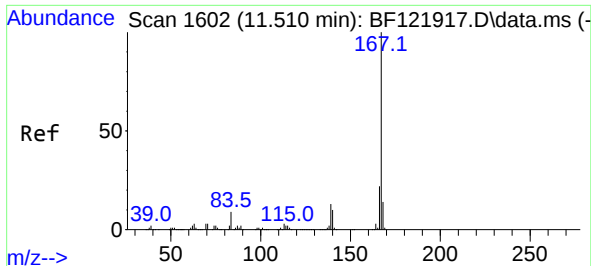
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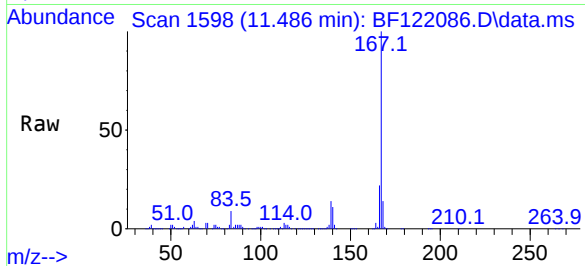
#72
Anthracene
Concen: 38.98 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:178 Resp: 907324
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.7 19.1

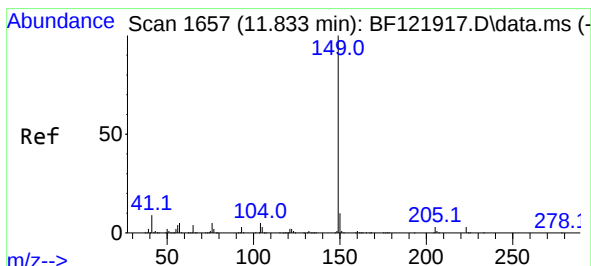
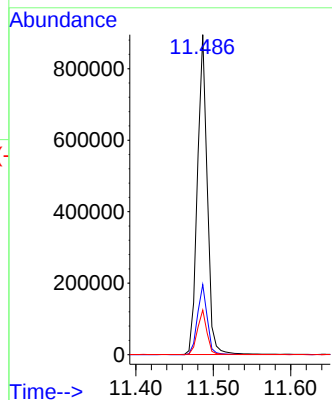
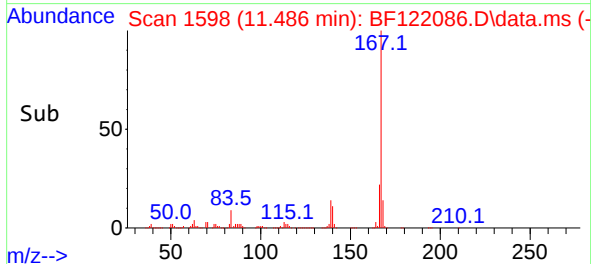




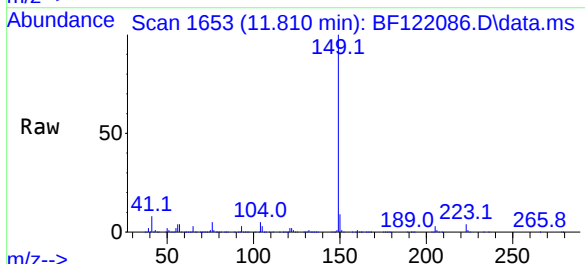
#73
Carbazole
Concen: 38.01 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



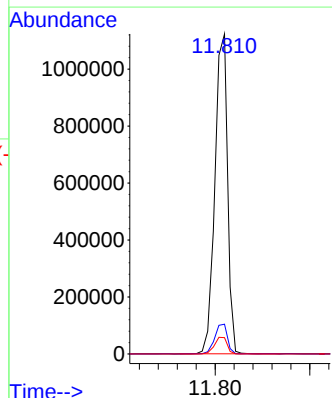
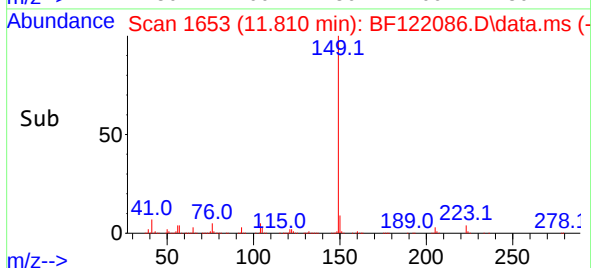
Tgt Ion:167 Resp: 786551
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.6
139 14.0 10.8 16.2



#74
Di-n-butylphthalate
Concen: 43.63 ng
RT: 11.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



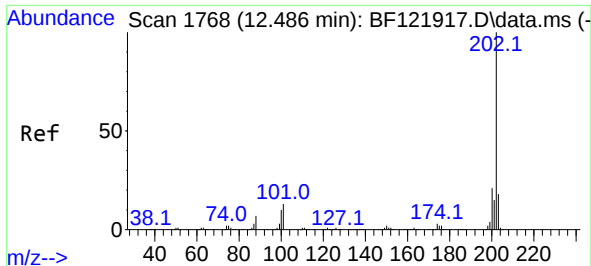
Tgt Ion:149 Resp: 1038852
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.1 4.2 6.2



Instrument :
BNA_F
ClientSampleId :
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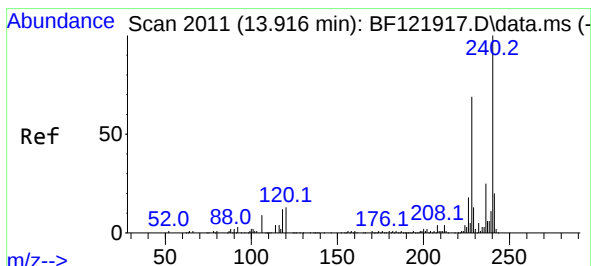
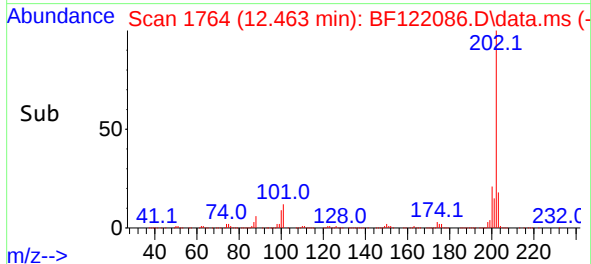
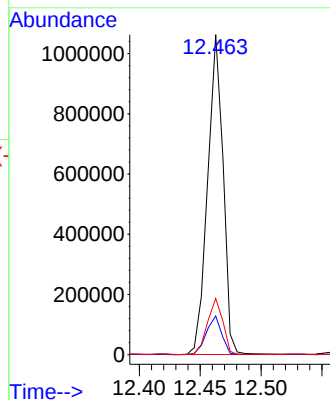
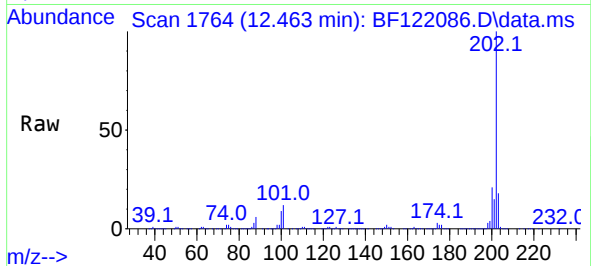
#75
Fluoranthene
Concen: 38.90 ng
RT: 12.463 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:202 Resp: 936023
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.4
203 17.5 0.0 37.9

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

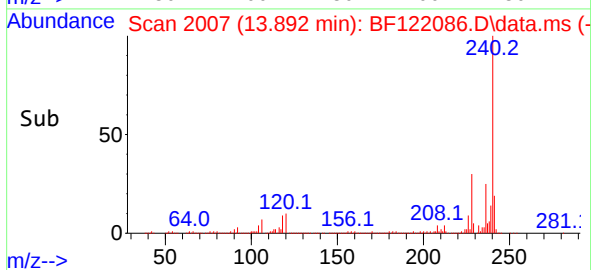
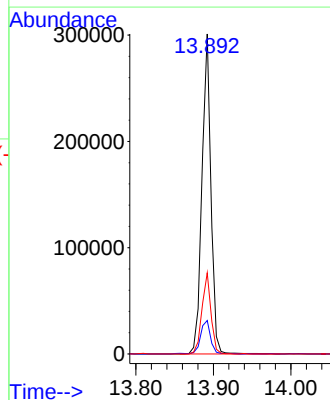
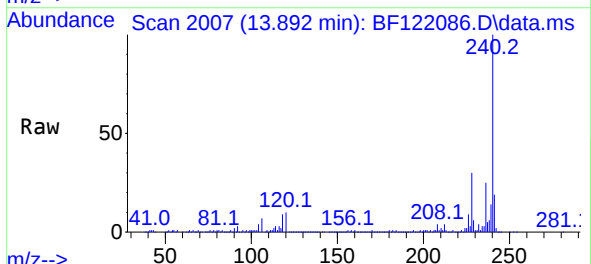
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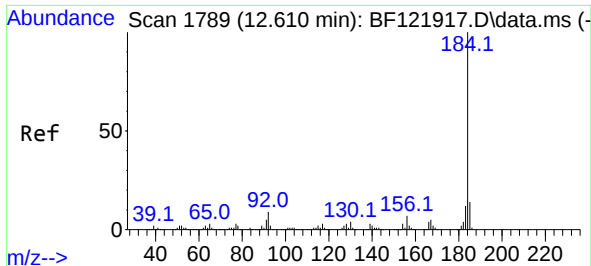
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122086.D
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Tgt Ion:240 Resp: 242056
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.3 20.9 31.3





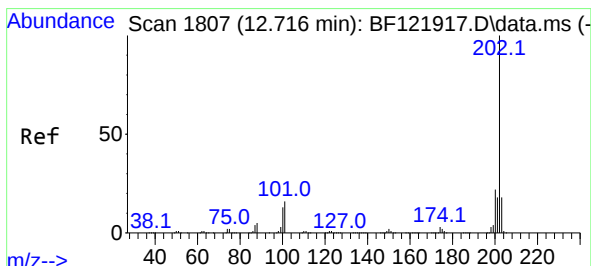
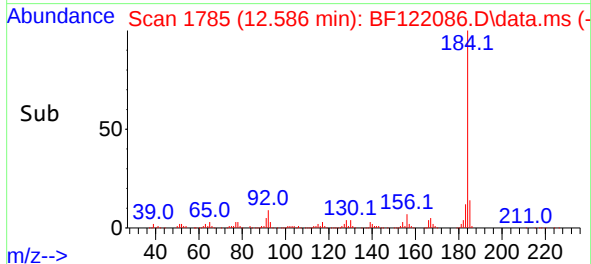
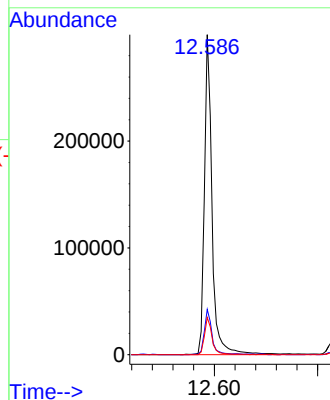
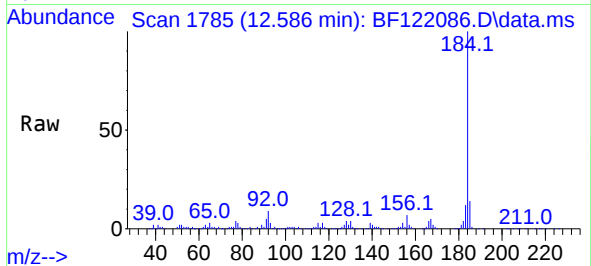
#77
Benzidine
Concen: 41.17 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	184	Resp:	307218
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.6	17.4
183	11.6	9.4	14.0

Instrument :
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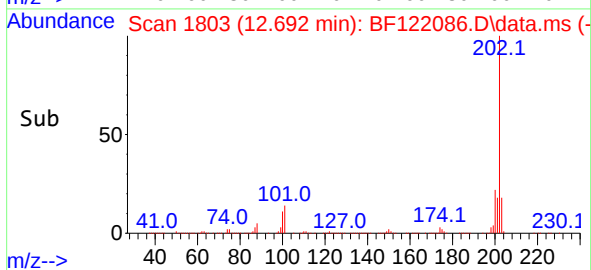
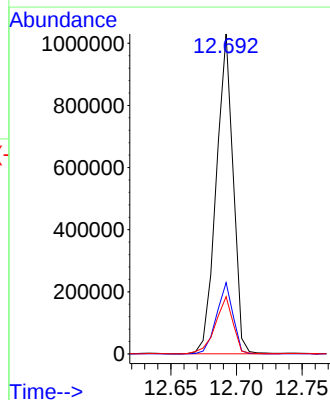
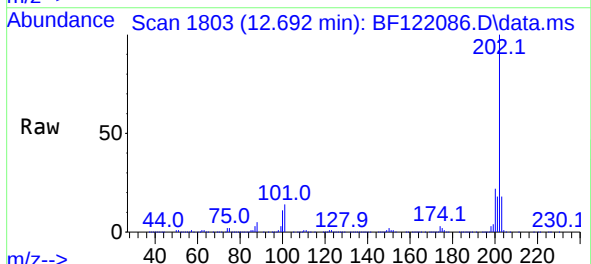
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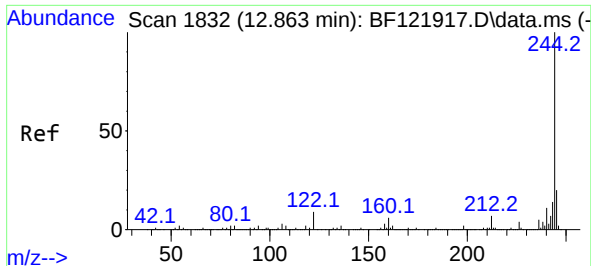
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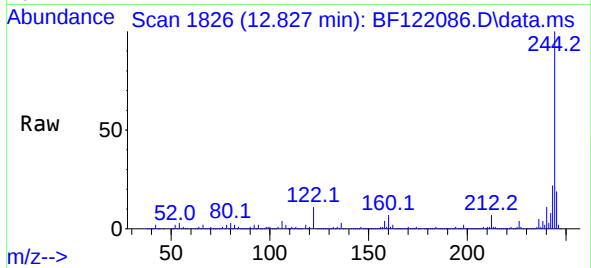
#78
Pyrene
Concen: 50.03 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	202	Resp:	922892
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.4	26.2
203	17.9	14.6	21.8

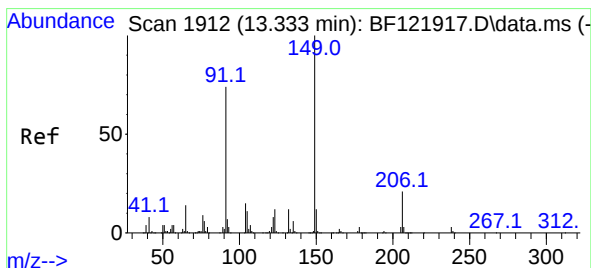
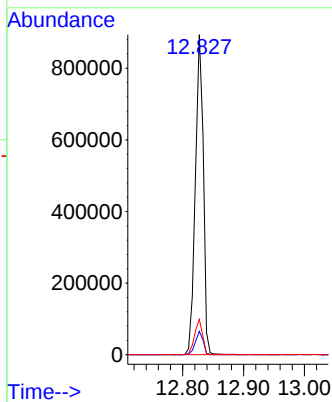
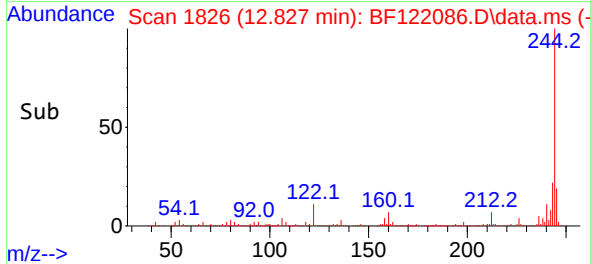




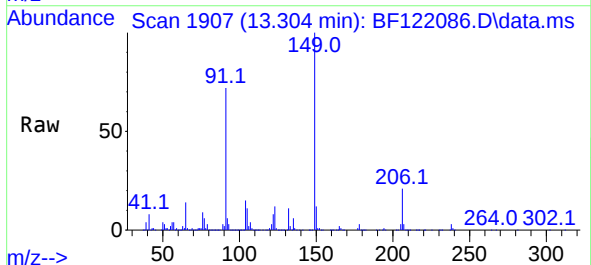
#79
Terphenyl-d14
Concen: 64.01 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



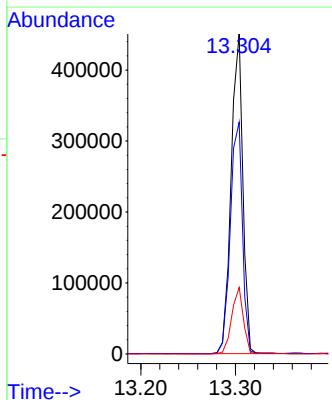
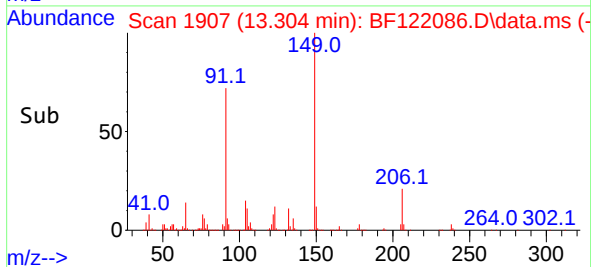
Tgt Ion:244 Resp: 812985
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.1 8.1 12.1



#80
Butylbenzylphthalate
Concen: 53.08 ng
RT: 13.304 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



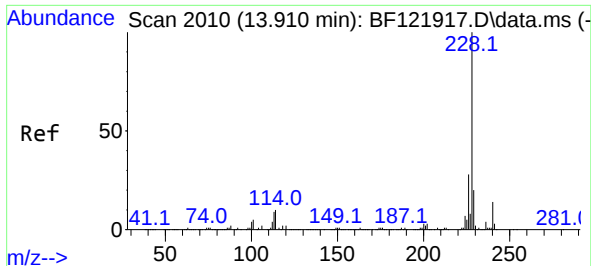
Tgt Ion:149 Resp: 388314
Ion Ratio Lower Upper
149 100
91 72.4 61.0 91.4
206 20.8 16.7 25.1



Instrument :
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ClientSampleId :
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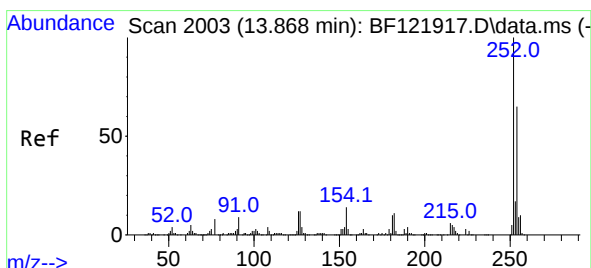
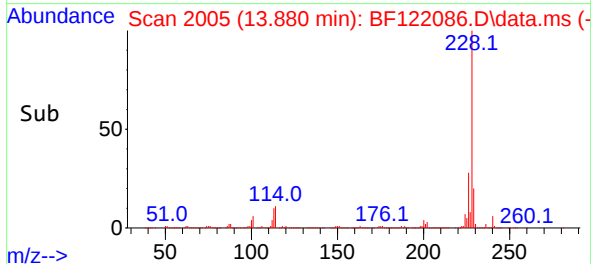
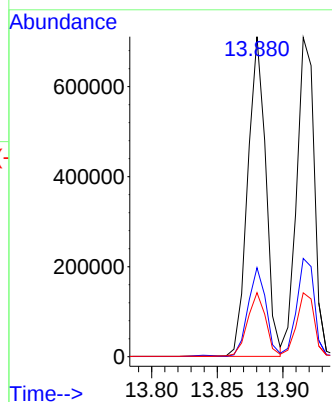
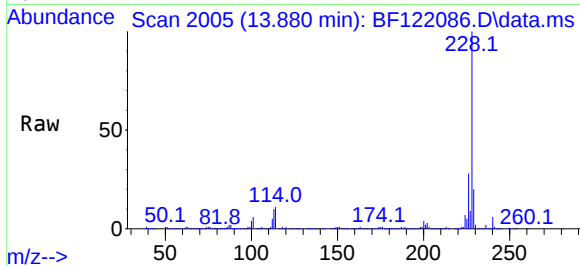
#81
Benzo(a)anthracene
Concen: 42.90 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

Tgt Ion:228 Resp: 680518
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.0 16.2 24.4

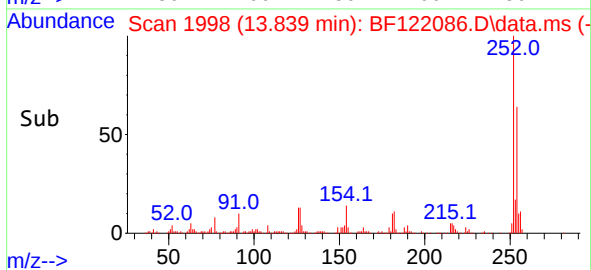
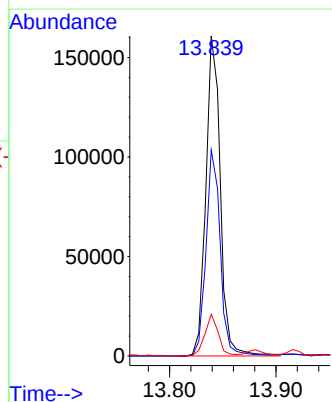
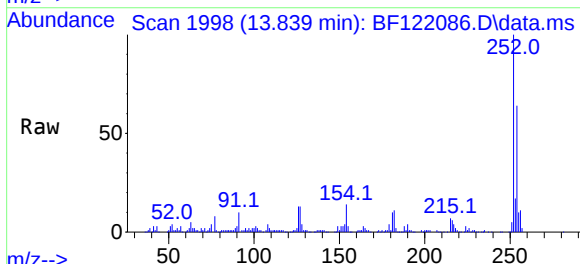
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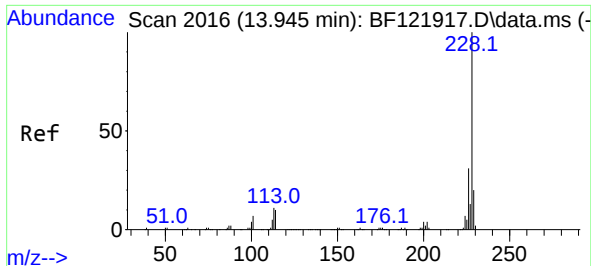
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#82
3,3'-Dichlorobenzidine
Concen: 25.88 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:252 Resp: 152255
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 13.0 8.8 13.2





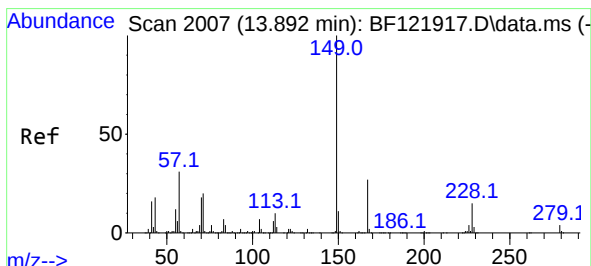
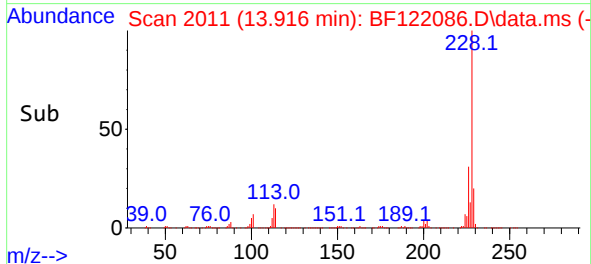
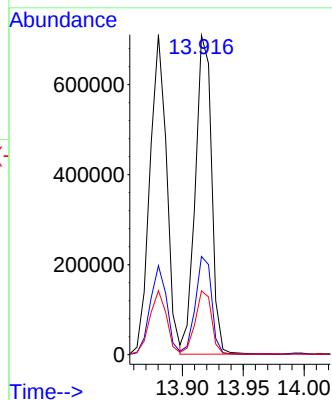
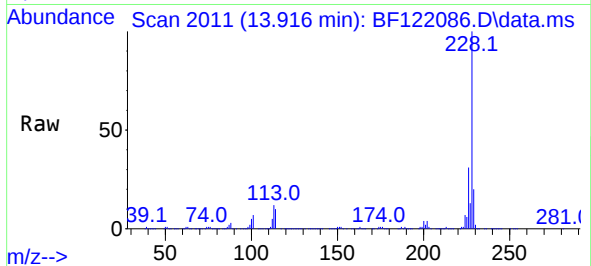
#83
Chrysene
Concen: 42.45 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:228 Resp: 660986
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.0 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
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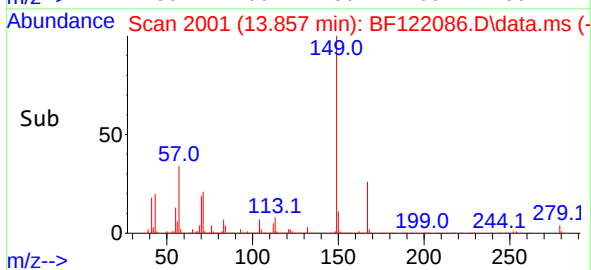
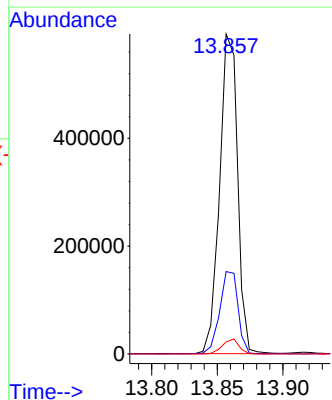
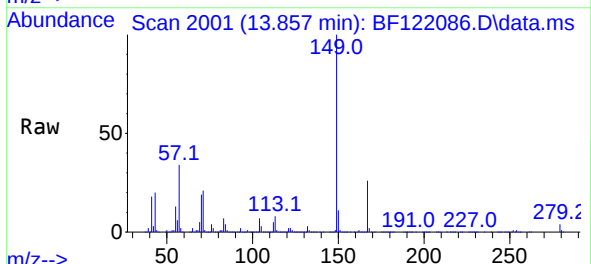
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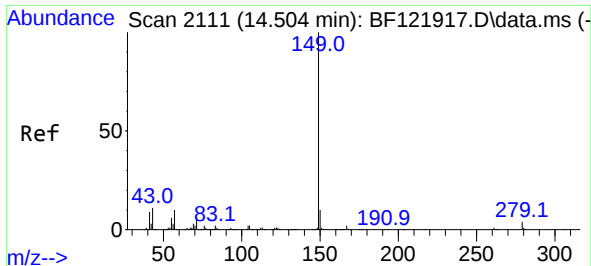
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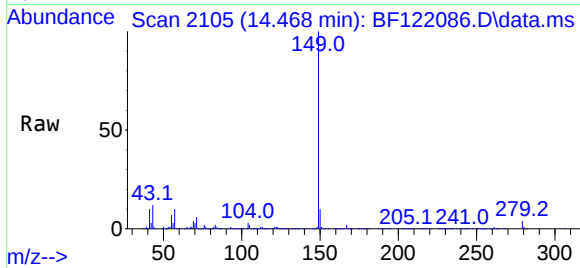
#84
Bis(2-ethylhexyl)phthalate
Concen: 56.70 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:149 Resp: 563046
Ion Ratio Lower Upper
149 100
167 25.8 20.9 31.3
279 3.7 3.2 4.8

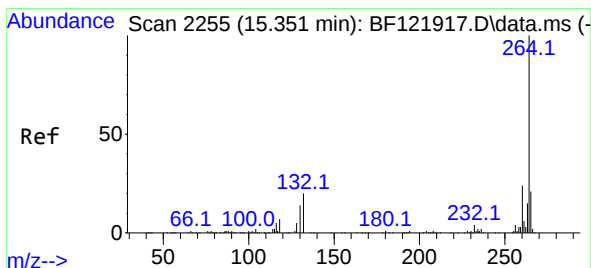
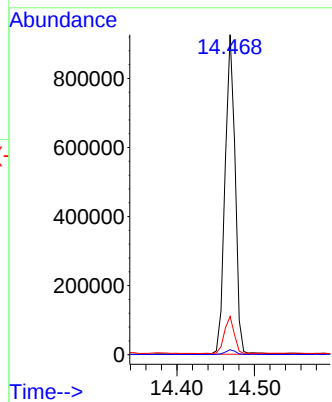
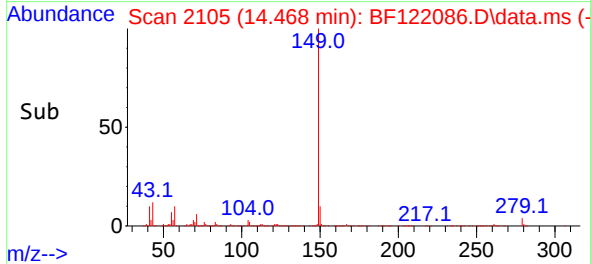




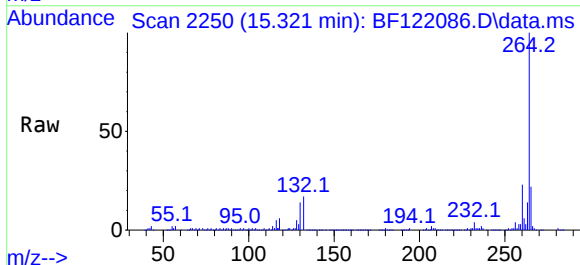
#85
Di-n-octyl phthalate
Concen: 52.01 ng
RT: 14.468 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



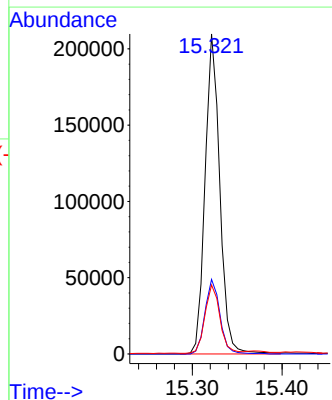
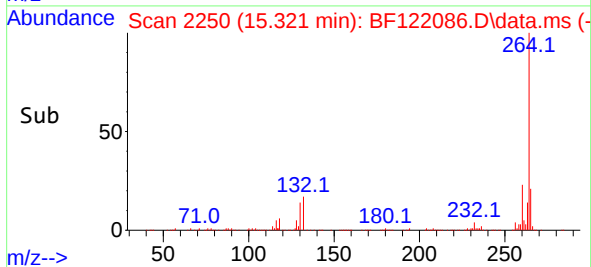
Tgt Ion:149 Resp: 835474
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



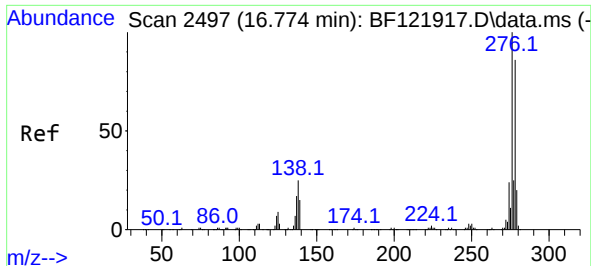
Tgt Ion:264 Resp: 238944
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.6 17.3 25.9



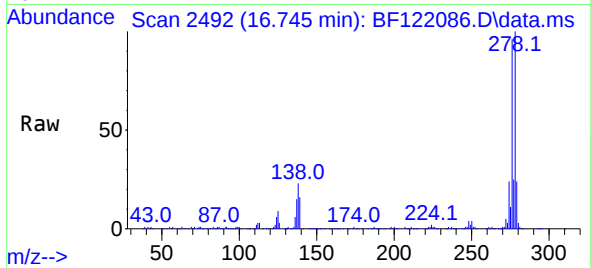
Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

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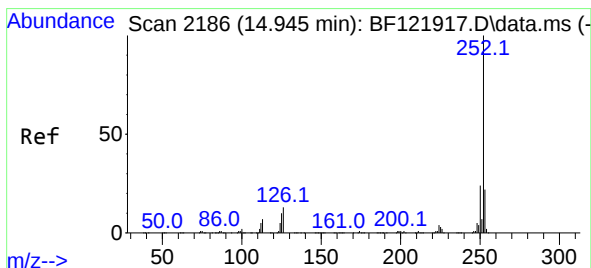
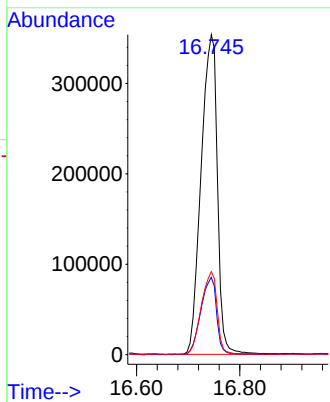
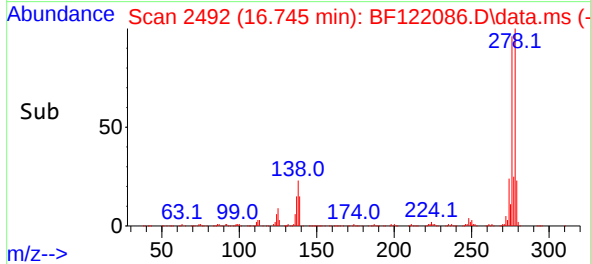
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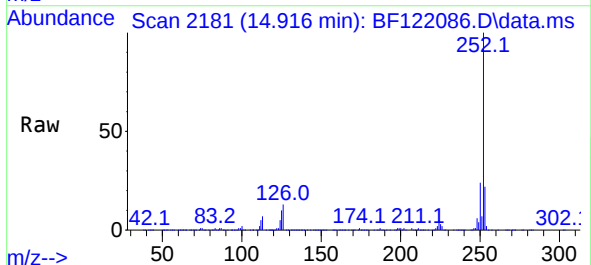
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.95 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.018 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



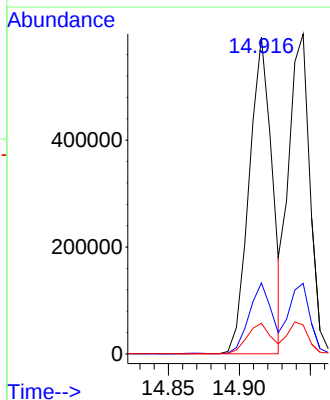
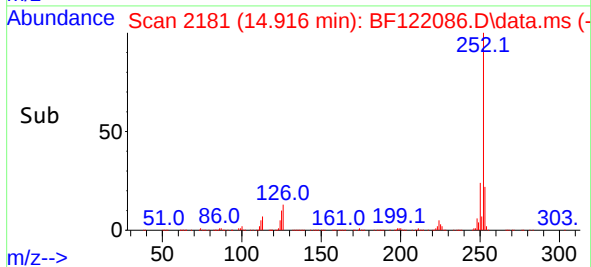
Tgt Ion: 276 Resp: 774942
Ion Ratio Lower Upper
276 100
138 23.7 19.9 29.9
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.11 ng
RT: 14.916 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



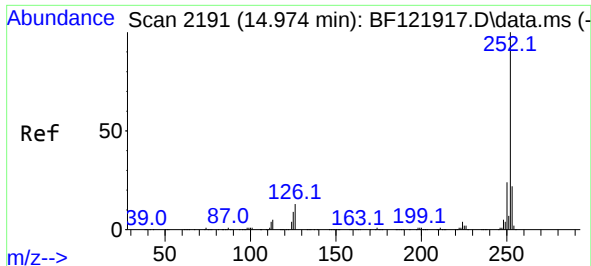
Tgt Ion: 252 Resp: 663964
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.7 8.0 12.0



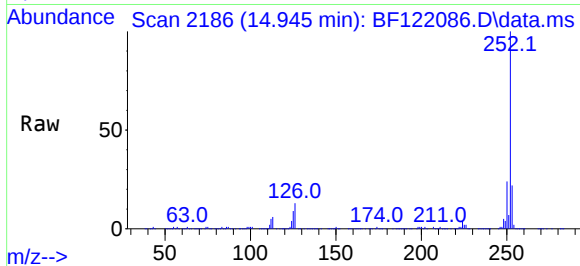
Instrument :
BNA_F
ClientSampleId :
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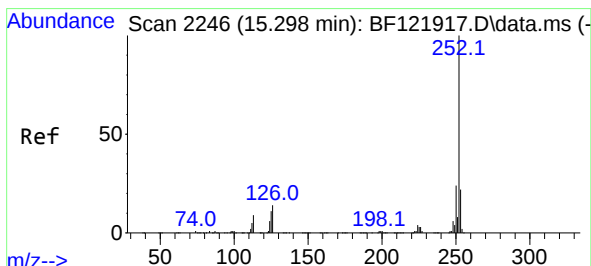
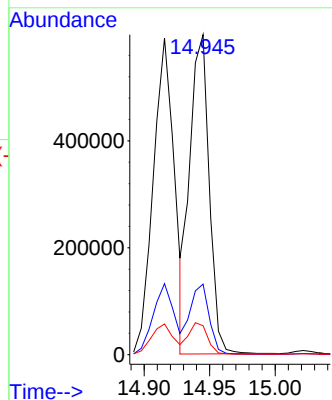
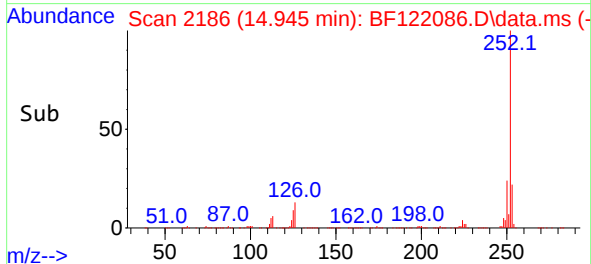
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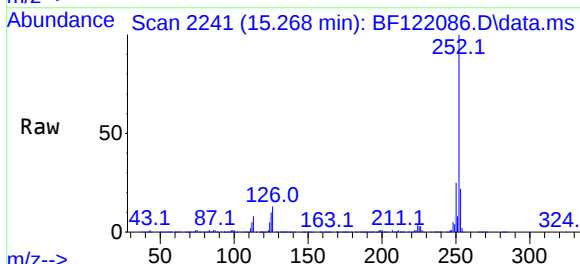
#89
Benzo(k)fluoranthene
Concen: 40.02 ng
RT: 14.945 min Scan# 2186
Delta R.T. 0.012 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



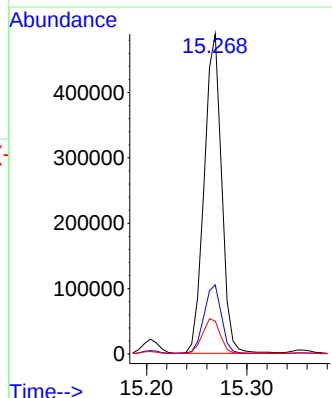
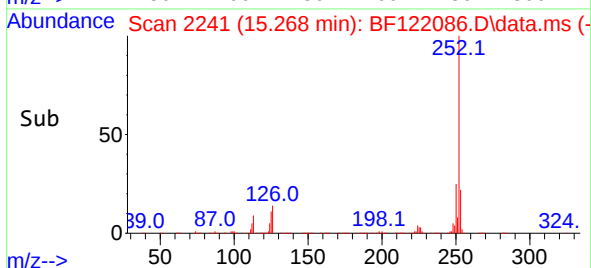
Tgt Ion:252 Resp: 613958
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.42 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.012 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29



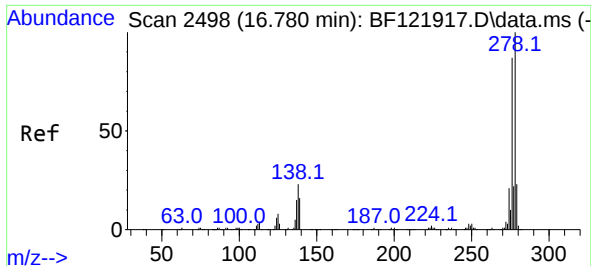
Tgt Ion:252 Resp: 591820
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.3 8.6 13.0



Instrument :
BNA_F
ClientSampleId :
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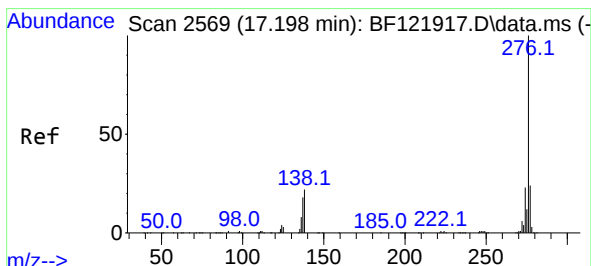
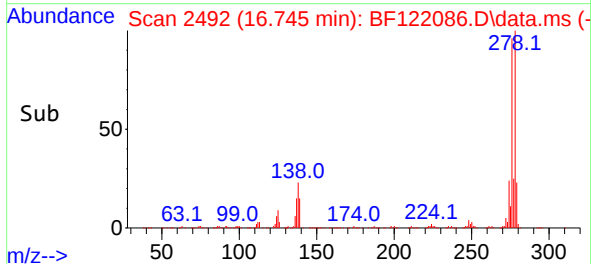
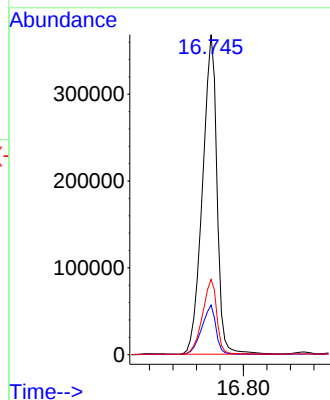
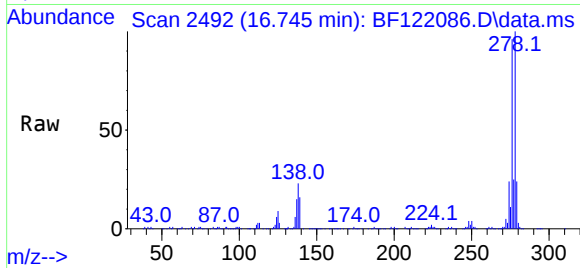
#91
Dibenzo(a,h)anthracene
Concen: 49.35 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.018 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	278	Resp:	630461
Ion Ratio	Lower	Upper	
278	100		
139	15.5	13.0	19.4
279	23.6	19.0	28.4

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

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#92
Benzo(g,h,i)perylene
Concen: 51.71 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.024 min
Lab File: BF122086.D
Acq: 22 Oct 2020 16:29

Tgt Ion:	276	Resp:	661133
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.4	29.2
138	21.0	17.8	26.6

