

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122294.D
 Acq On : 10 Nov 2020 12:49
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Manual Integrations
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mohammad
 11/11/2020 10:31:59 AM

Quant Time: Nov 10 13:17:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:10:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	328339	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1194413	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	628629	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1136050	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1032773	20.00	ng	0.00
86) Perylene-d12	15.492	264	1028379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2133315	99.77	ng	0.00
7) Phenol-d6	6.492	99	2740216	97.96	ng	0.00
23) Nitrobenzene-d5	7.428	82	1730328	88.69	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	742628	110.07	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2942989	73.15	ng	0.00
79) Terphenyl-d14	12.980	244	3423339	70.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	37782	3.85	ng	92
3) Pyridine	3.434	79	99689	3.70	ng	91
4) n-Nitrosodimethylamine	3.328	42	46936	3.69	ng	94
6) Aniline	6.528	93	139937	3.81	ng	97
8) 2-Chlorophenol	6.651	128	87367	3.94	ng	89
9) Benzaldehyde	6.410	77	76041	4.82	ng	100
10) Phenol	6.498	94	109410m	3.97	ng	
11) bis(2-Chloroethyl)ether	6.598	93	86666	3.96	ng	95
12) 1,3-Dichlorobenzene	6.804	146	101463	4.03	ng	98
13) 1,4-Dichlorobenzene	6.881	146	100861	3.99	ng	99
14) 1,2-Dichlorobenzene	7.040	146	93986	3.98	ng	99
15) Benzyl Alcohol	6.998	79	65900	3.31	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	123016	3.85	ng	97
17) 2-Methylphenol	7.104	107	71944	3.89	ng	100
18) Hexachloroethane	7.381	117	33590	3.81	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	65332	3.91	ng	99
20) 3+4-Methylphenols	7.257	107	91373	4.01	ng	# 69
22) Acetophenone	7.269	105	129759	4.17	ng	# 86
24) Nitrobenzene	7.445	77	100984	4.52	ng	97
25) Isophorone	7.681	82	169274	3.89	ng	99
26) 2-Nitrophenol	7.763	139	27417	3.64	ng	98
27) 2,4-Dimethylphenol	7.792	122	85484	4.17	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	104005	3.91	ng	99
29) 2,4-Dichlorophenol	7.998	162	67116	3.70	ng	94
30) 1,2,4-Trichlorobenzene	8.092	180	79251	3.95	ng	96
31) Naphthalene	8.169	128	262163	4.13	ng	99
32) Benzoic acid	7.834	122	19040	2.06	ng	93
33) 4-Chloroaniline	8.210	127	109643	3.96	ng	99
34) Hexachlorobutadiene	8.292	225	45233	3.93	ng	97
35) Caprolactam	8.534	113	20813	3.62	ng	94
36) 4-Chloro-3-methylphenol	8.681	107	71443	3.77	ng	97
37) 2-Methylnaphthalene	8.863	142	172476	4.11	ng	98
38) 1-Methylnaphthalene	8.963	142	161818	4.12	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	80745	4.17	ng	98
41) Hexachlorocyclopentadiene	9.022	237	41334	3.65	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	46172	3.67	ng	100

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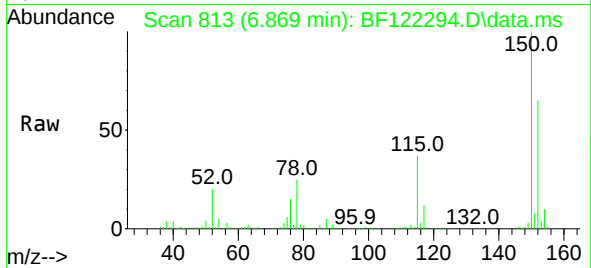
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	48142	3.65	ng	97
46) 1,1'-Biphenyl	9.328	154	215934	4.32	ng	95
47) 2-Chloronaphthalene	9.351	162	165120	4.16	ng	97
48) 2-Nitroaniline	9.433	65	36674	3.76	ng	92
49) Acenaphthylene	9.763	152	248863	4.08	ng	99
50) Dimethylphthalate	9.616	163	178228	3.99	ng	99
51) 2,6-Dinitrotoluene	9.675	165	33012	3.82	ng	95
52) Acenaphthene	9.933	154	155849	4.13	ng	99
53) 3-Nitroaniline	9.839	138	36713	3.68	ng	# 90
54) 2,4-Dinitrophenol	9.945	184	5073	1.92	ng	# 1
55) Dibenzofuran	10.104	168	230354	4.16	ng	99
56) 4-Nitrophenol	9.986	139	26221	3.08	ng	88
57) 2,4-Dinitrotoluene	10.075	165	36422	3.49	ng	95
58) Fluorene	10.451	166	182113	4.30	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	40351m	3.68	ng	
60) Diethylphthalate	10.322	149	176460	4.03	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	85482	4.27	ng	99
62) 4-Nitroaniline	10.445	138	35709	3.63	ng	91
63) Azobenzene	10.604	77	183865	4.00	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	8689	2.01	ng	84
66) n-Nitrosodiphenylamine	10.557	169	155644	4.02	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	52477	3.93	ng	98
68) Hexachlorobenzene	10.998	284	59214	4.11	ng	99
69) Atrazine	11.080	200	42481	4.41	ng	97
70) Pentachlorophenol	11.186	266	24928	3.00	ng	98
71) Phenanthrene	11.410	178	272102	4.22	ng	99
72) Anthracene	11.463	178	276741	4.17	ng	97
73) Carbazole	11.610	167	245781	4.07	ng	98
74) Di-n-butylphthalate	11.951	149	244917	3.80	ng	99
75) Fluoranthene	12.598	202	269851	4.01	ng	97
77) Benzidine	12.716	184	119783	4.18	ng	# 96
78) Pyrene	12.827	202	288230	3.97	ng	98
80) Butylbenzylphthalate	13.451	149	79933	3.06	ng	97
81) Benzo(a)anthracene	14.016	228	266532	4.15	ng	97
82) 3,3'-Dichlorobenzidine	13.974	252	86837	3.63	ng	99
83) Chrysene	14.051	228	267824	4.14	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	126072	3.60	ng	99
85) Di-n-octyl phthalate	14.627	149	175666	2.96	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	228036	3.70	ng	99
88) Benzo(b)fluoranthene	15.057	252	245921	3.69	ng	98
89) Benzo(k)fluoranthene	15.086	252	241162	3.71	ng	99
90) Benzo(a)pyrene	15.421	252	209123	3.60	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	192615	3.73	ng	98
92) Benzo(g,h,i)perylene	17.380	276	187111	3.72	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

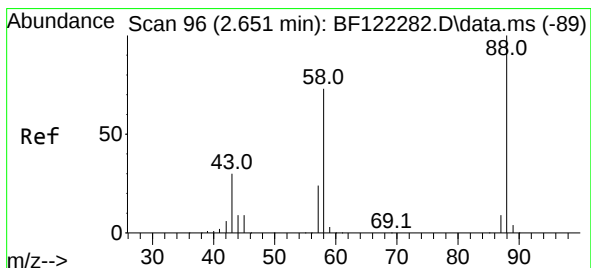
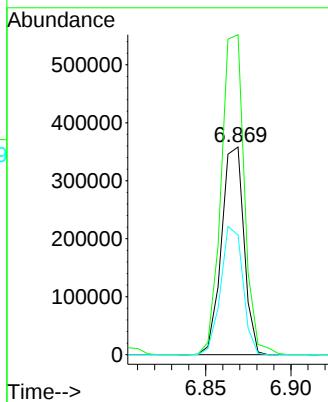
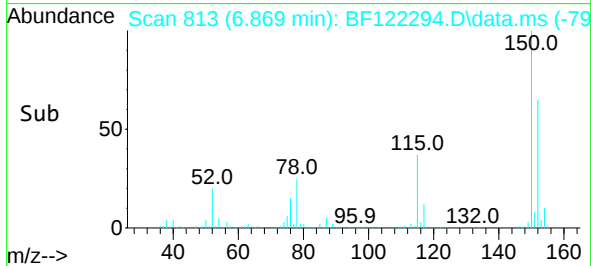
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



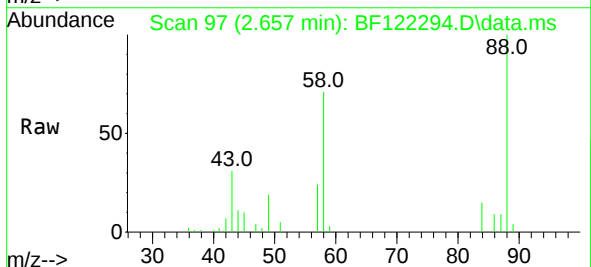
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Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 57.6 51.9 77.9

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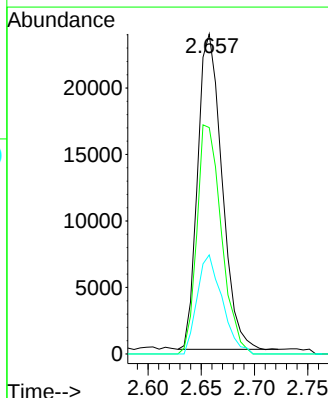
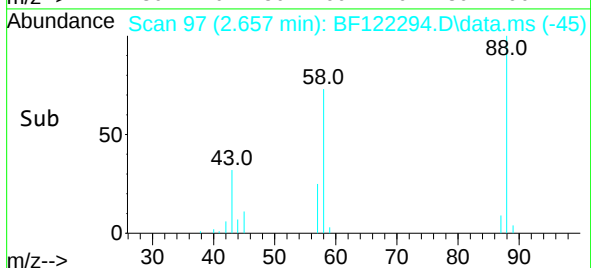
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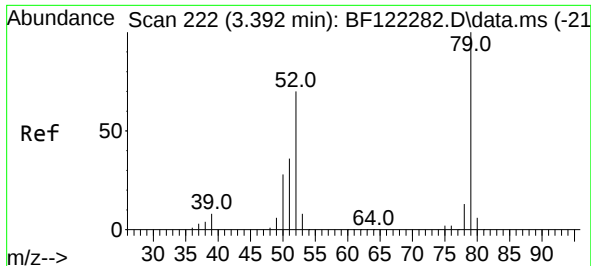


#2
1,4-Dioxane
Concen: 3.85 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion: 88 Resp: 37782
Ion Ratio Lower Upper
88 100
58 72.9 65.8 98.8
43 32.3 25.8 38.8





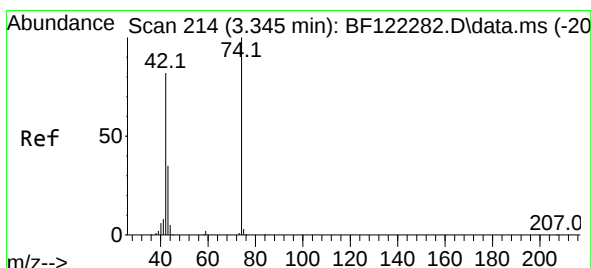
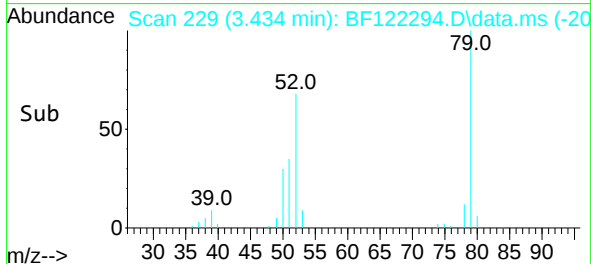
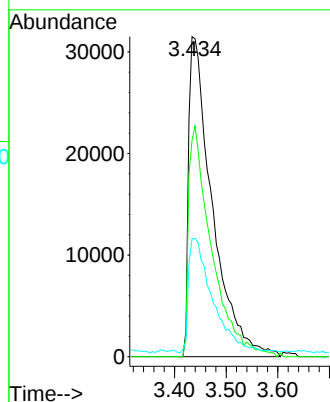
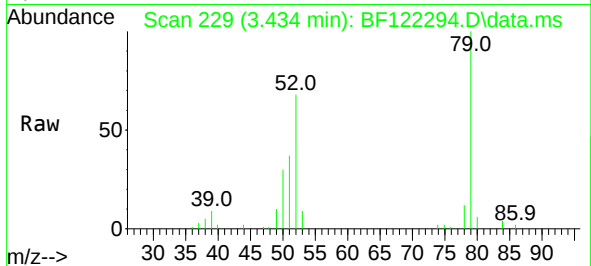
#3
Pyridine
Concen: 3.70 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.042 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 79	Resp: 99689
Ion Ratio	Lower Upper
79 100	
52 67.6	62.2 93.4
51 36.8	31.1 46.7

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

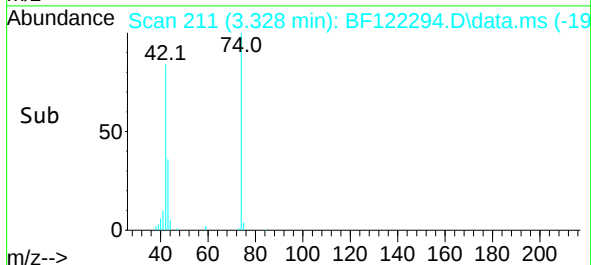
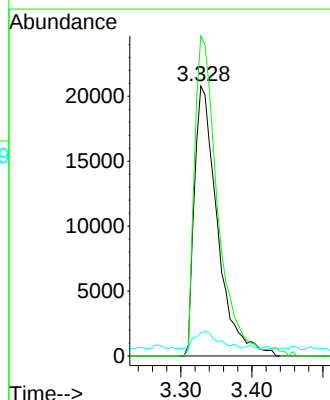
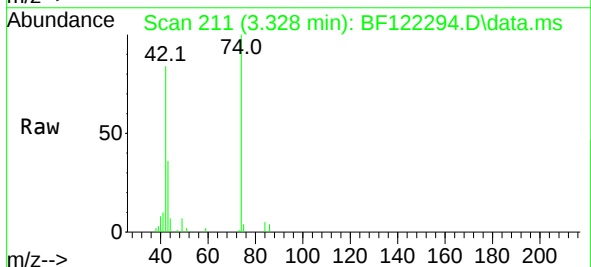
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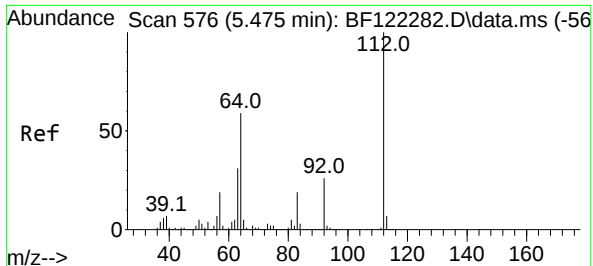
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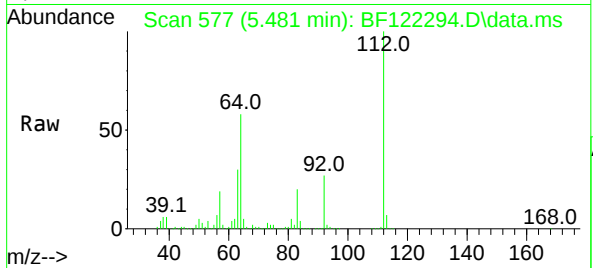
#4
n-Nitrosodimethylamine
Concen: 3.69 ng
RT: 3.328 min Scan# 211
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 42	Resp: 46936
Ion Ratio	Lower Upper
42 100	
74 118.6	100.2 150.2
44 8.5	5.8 8.6



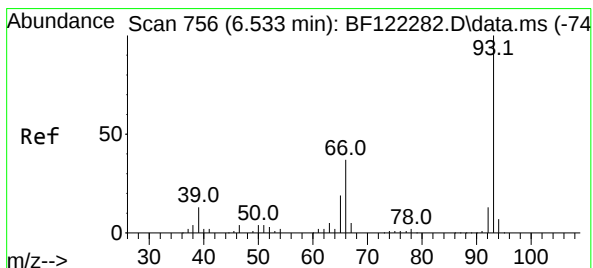
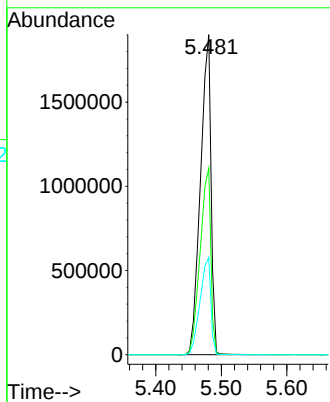
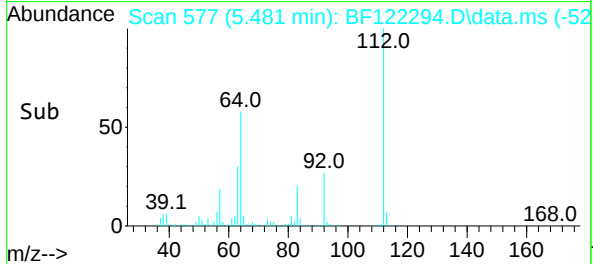


#5
2-Fluorophenol
Concen: 99.77 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

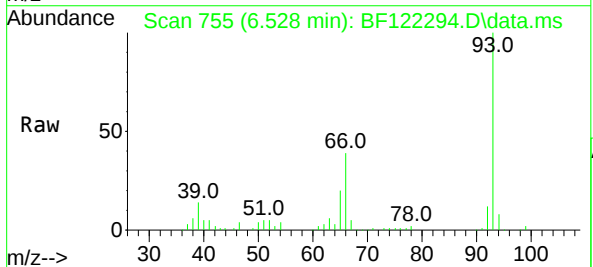


Tgt Ion: 112 Resp: 2133315

Ion	Ratio	Lower	Upper
112	100		
64	58.3	50.4	75.6
63	30.4	25.8	38.6

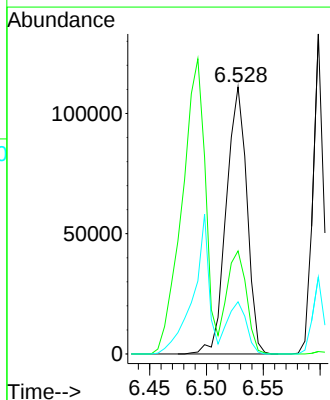
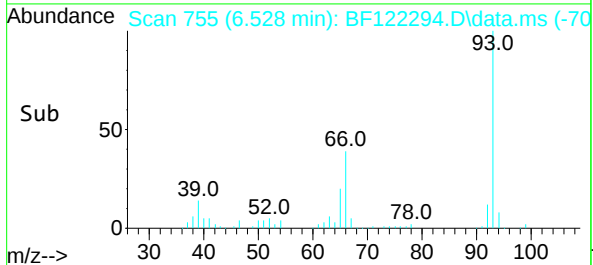


#6
Aniline
Concen: 3.81 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion: 93 Resp: 139937

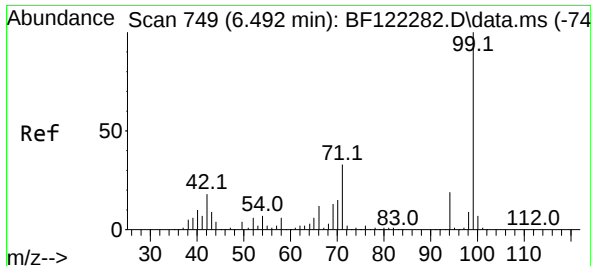
Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.7	49.1
65	19.5	16.6	24.8



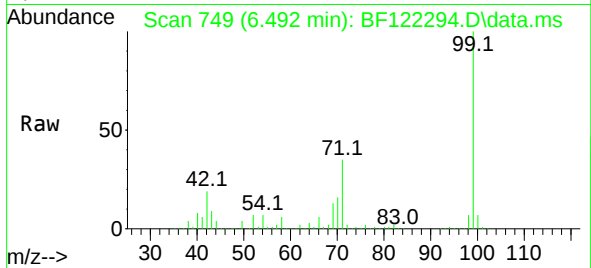
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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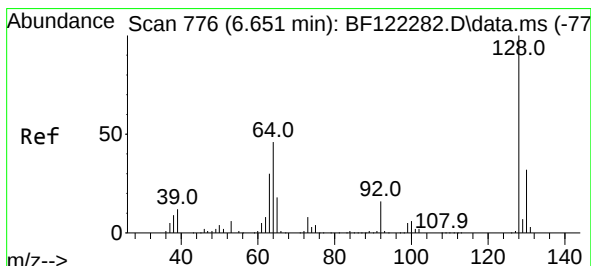
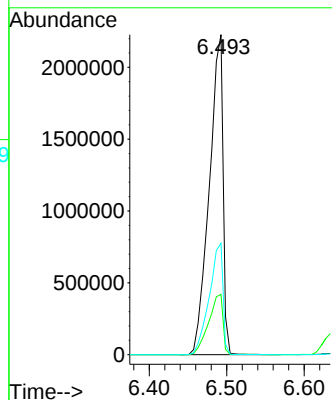
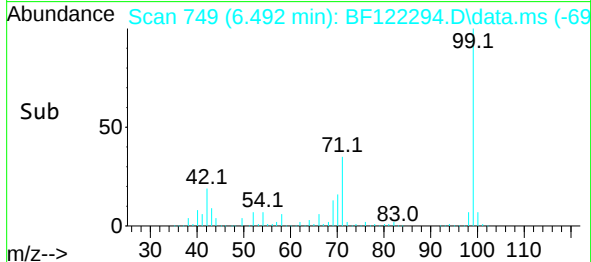


#7
Phenol-d6
Concen: 97.96 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

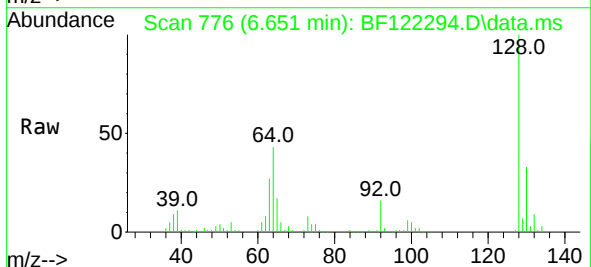


Tgt Ion: 99 Resp: 2740216

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	34.8	27.1	40.7

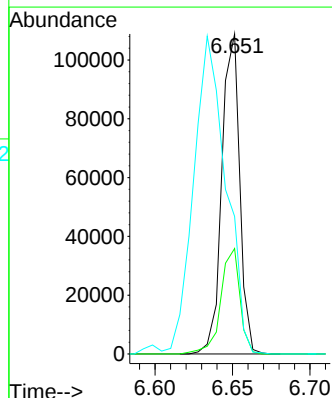
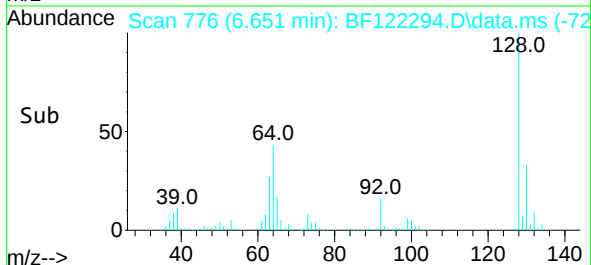


#8
2-Chlorophenol
Concen: 3.94 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion: 128 Resp: 87367

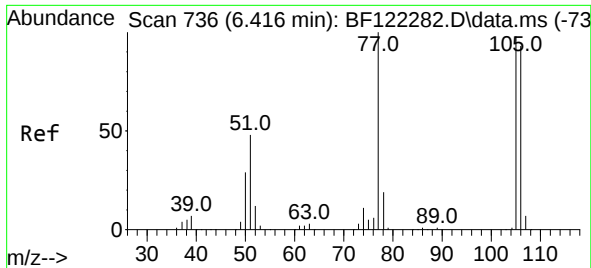
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	43.0	34.8	74.8



Instrument :
BNA_F
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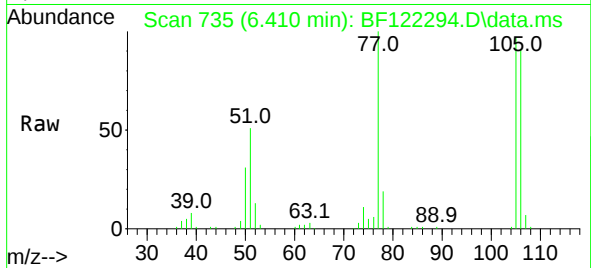
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#9
Benzaldehyde
Concen: 4.82 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

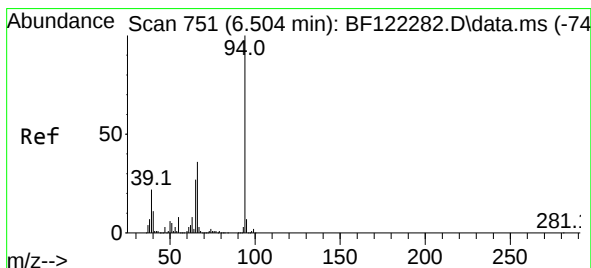
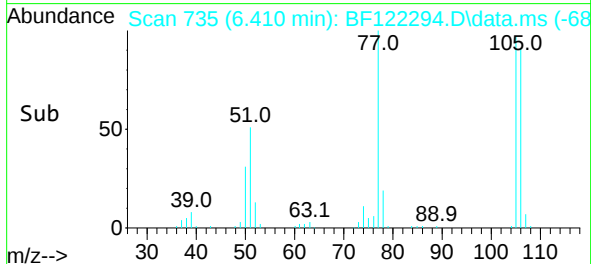
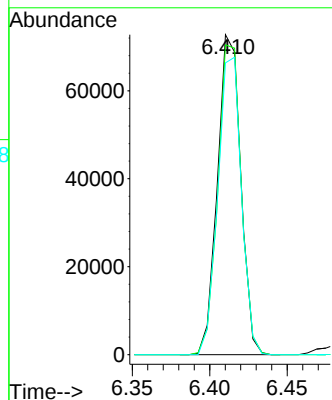
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



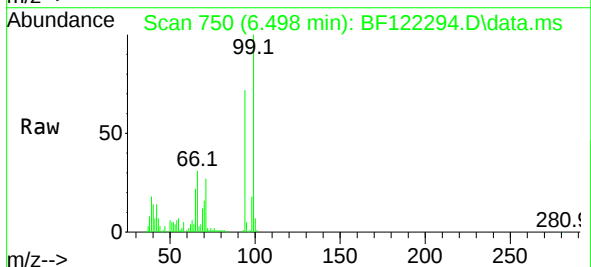
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Ion Ratio Lower Upper
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106 91.2 71.3 111.3

Manual Integrations
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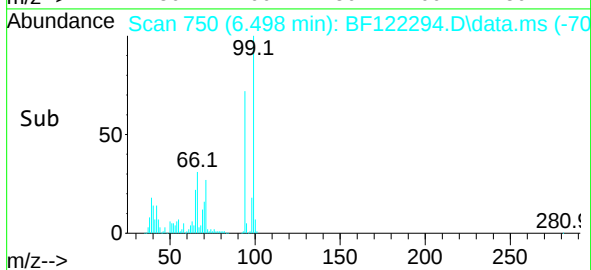
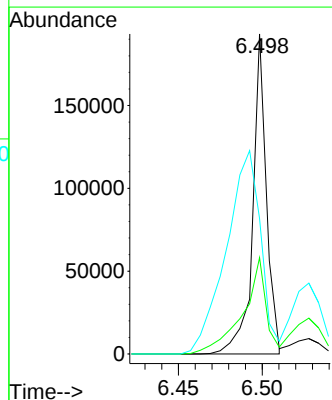
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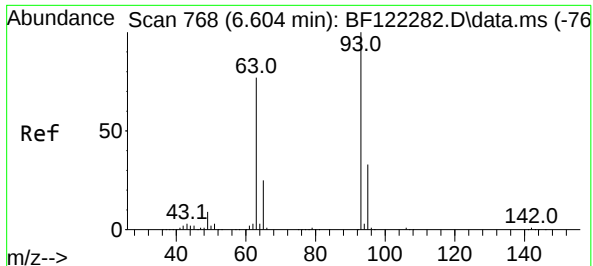


#10
Phenol
Concen: 3.97 ng m
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion: 94 Resp: 109410
Ion Ratio Lower Upper
94 100
65 30.1 17.1 57.1
66 42.3 36.0 76.0





#11

bis(2-Chloroethyl)ether

Concen: 3.96 ng

RT: 6.598 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion:	93	Resp:	86666
Ion	Ratio	Lower	Upper
93	100		
63	75.9	62.4	102.4
95	32.3	12.6	52.6

Instrument :

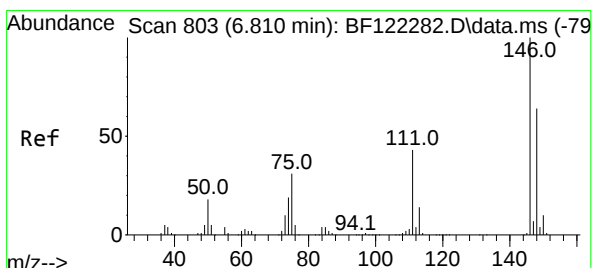
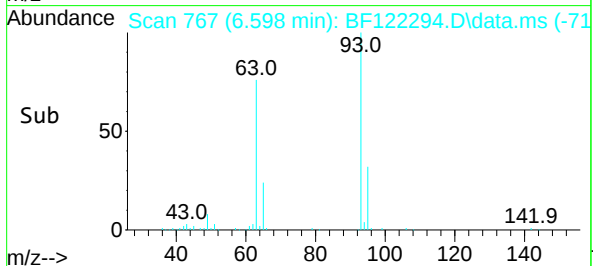
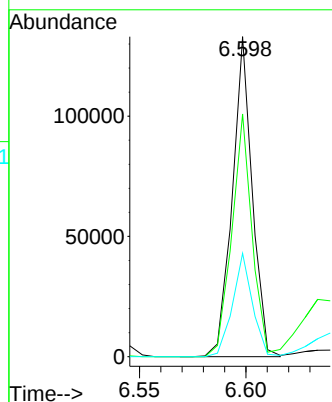
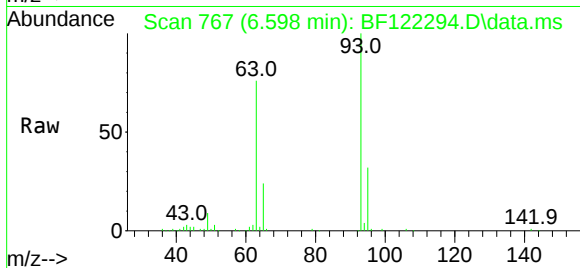
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ClientSampleId :

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#12

1,3-Dichlorobenzene

Concen: 4.03 ng

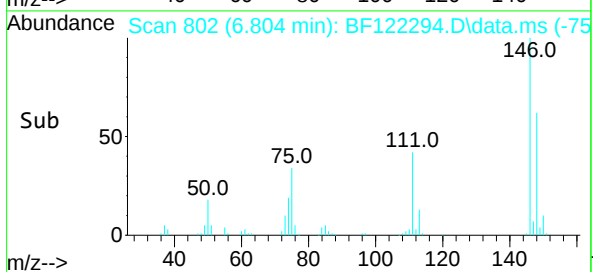
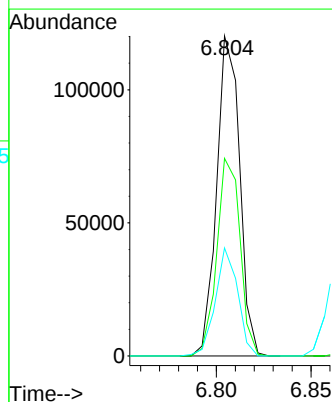
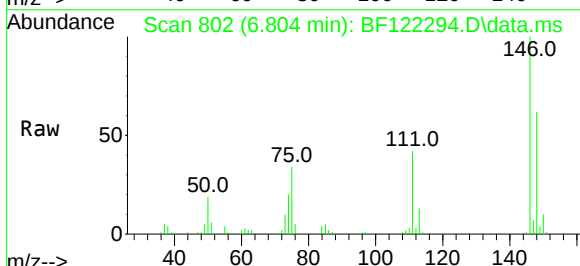
RT: 6.804 min Scan# 802

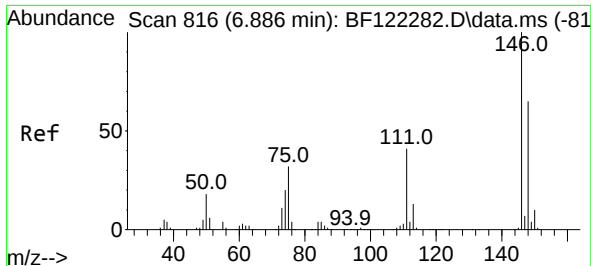
Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion:	146	Resp:	101463
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.0	76.4
75	33.8	27.6	41.4





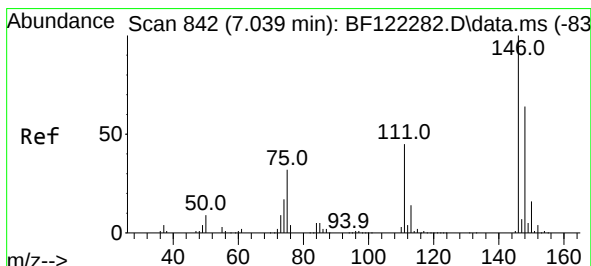
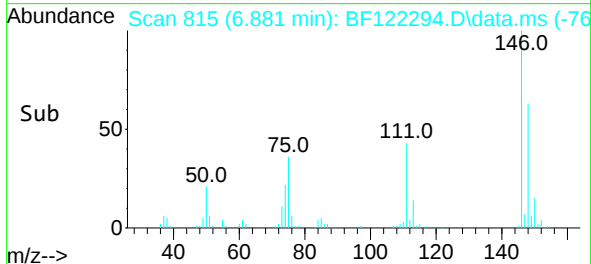
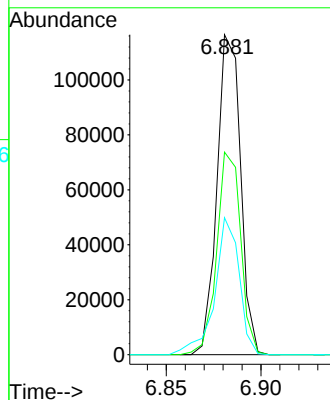
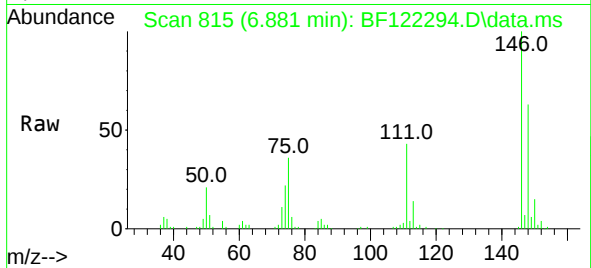
#13
1,4-Dichlorobenzene
Concen: 3.99 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:146 Resp: 100861
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 42.8 34.6 52.0

Instrument :
BNA_F
ClientSampleId :
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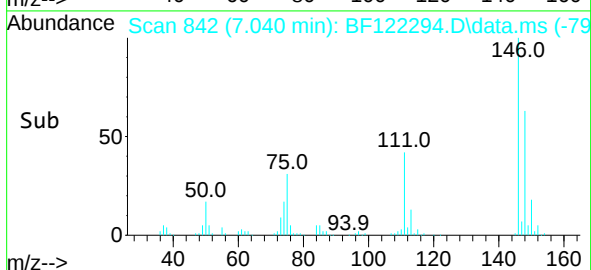
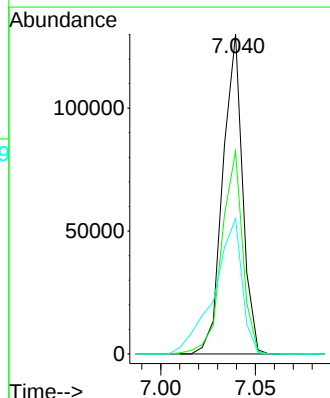
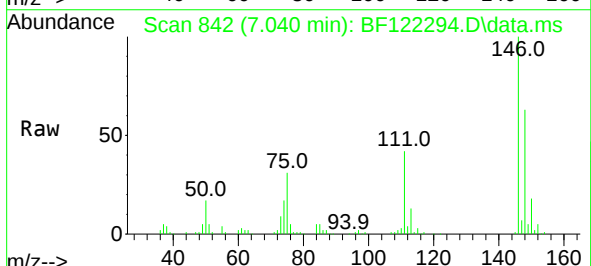
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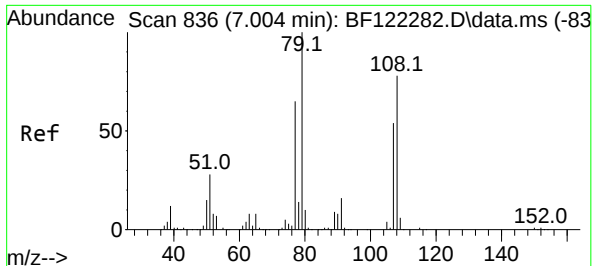
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#14
1,2-Dichlorobenzene
Concen: 3.98 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:146 Resp: 93986
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 42.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 3.31 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion: 79	Resp: 65900
Ion Ratio	Lower Upper
79 100	
108 77.6	62.3 93.5
77 65.2	50.6 75.8

Instrument :

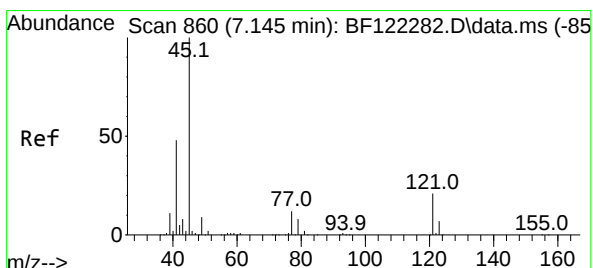
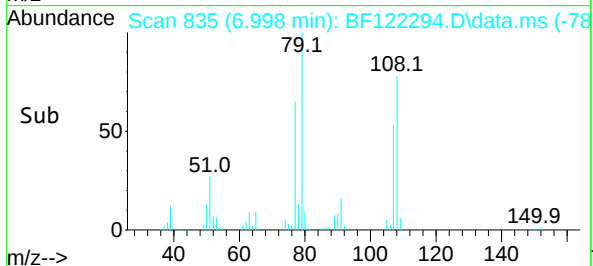
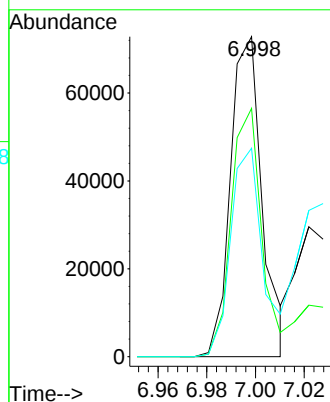
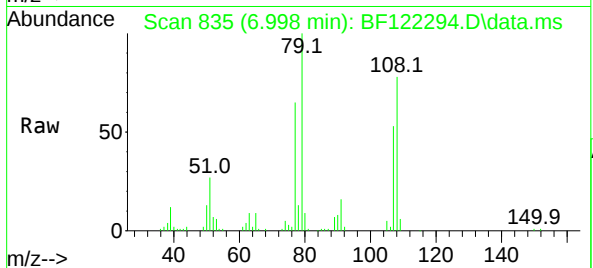
BNA_F

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.85 ng

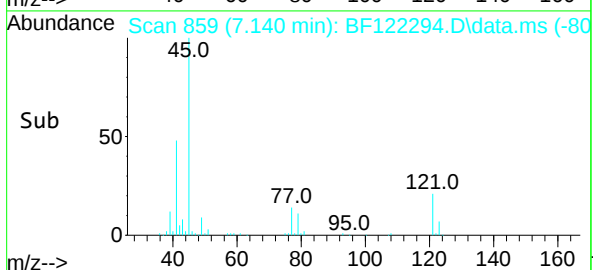
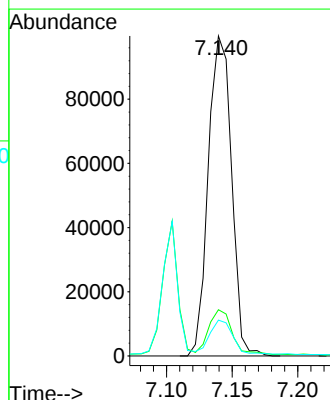
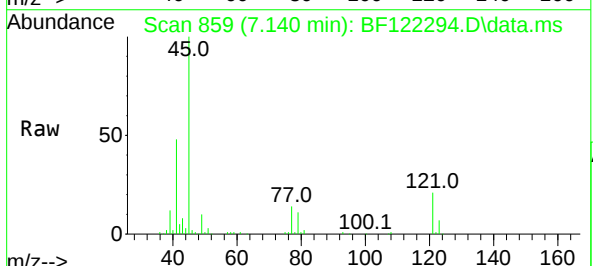
RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion: 45	Resp: 123016
Ion Ratio	Lower Upper
45 100	
77 14.4	0.0 33.3
79 11.2	0.0 30.4





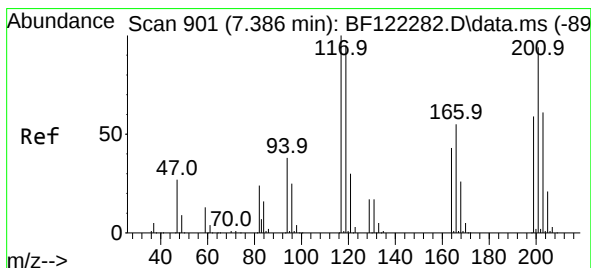
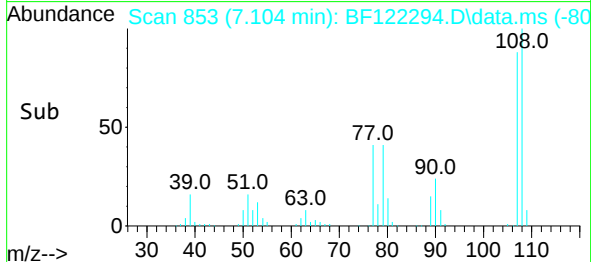
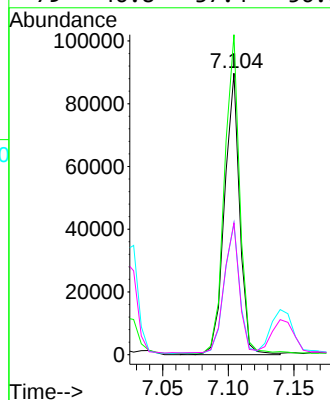
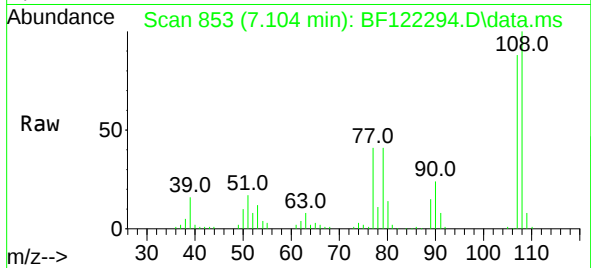
#17
2-Methylphenol
Concen: 3.89 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	107	Resp:	71944
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.9	136.3
77	46.8	37.5	56.3
79	46.8	37.4	56.0

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

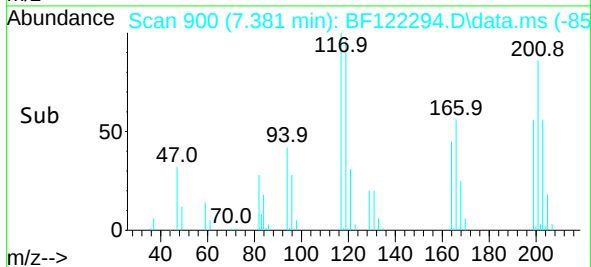
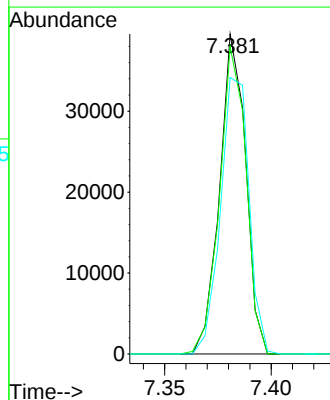
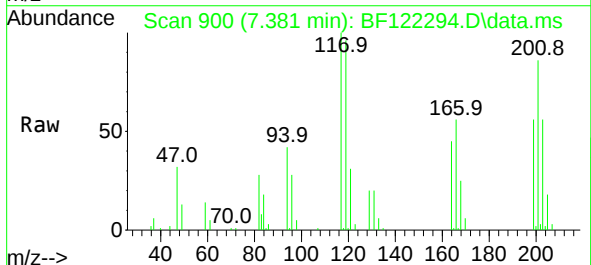
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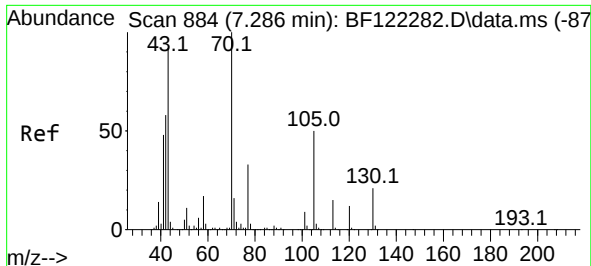
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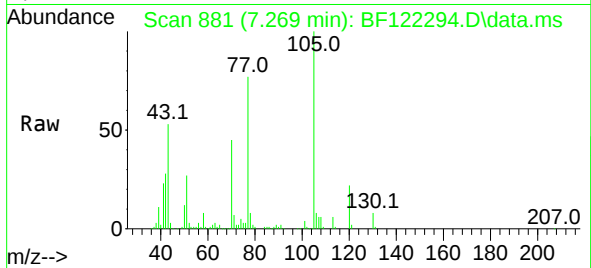
#18
Hexachloroethane
Concen: 3.81 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	117	Resp:	33590
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	86.4	71.8	107.6

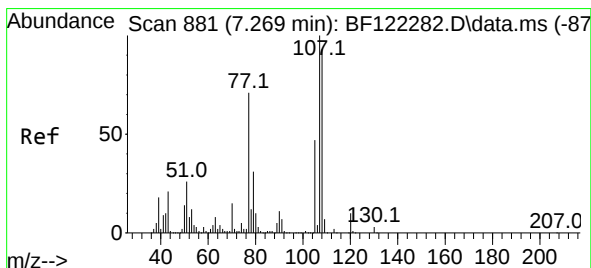
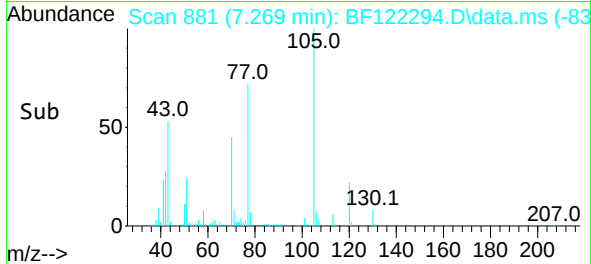
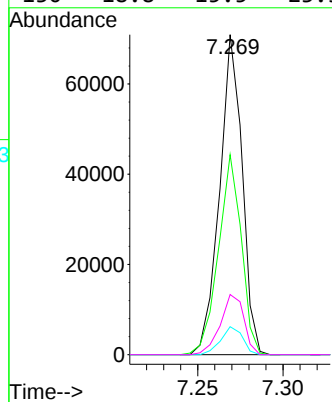




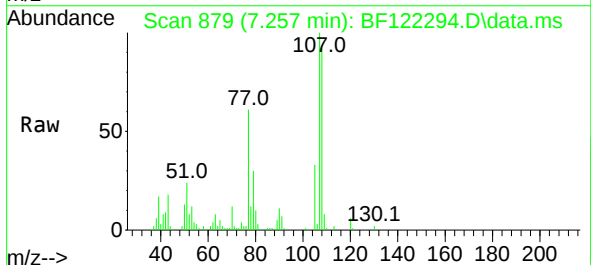
#19
n-Nitroso-di-n-propylamine
Concen: 3.91 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



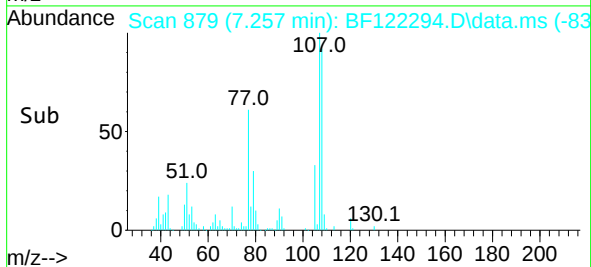
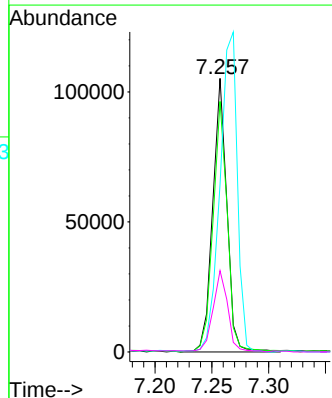
Tgt Ion:	70	Resp:	65332
Ion Ratio	Lower	Upper	
70	100		
42	62.5	50.2	75.4
101	8.7	7.5	11.3
130	18.8	15.5	23.3



#20
3+4-Methylphenols
Concen: 4.01 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



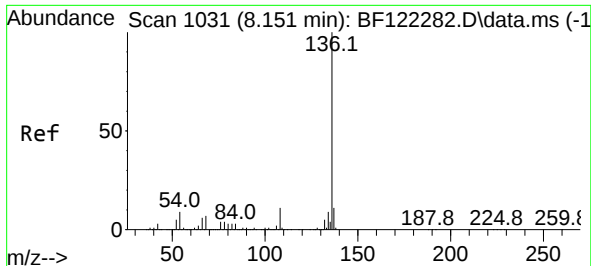
Tgt Ion:	107	Resp:	91373
Ion Ratio	Lower	Upper	
107	100		
108	91.6	68.9	108.9
77	61.2	108.0	148.0#
79	29.7	10.5	50.5



Instrument :
BNA_F
ClientSampleId :
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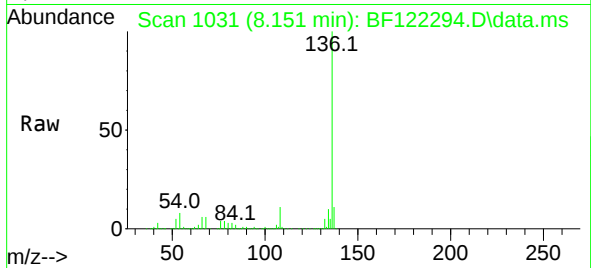
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

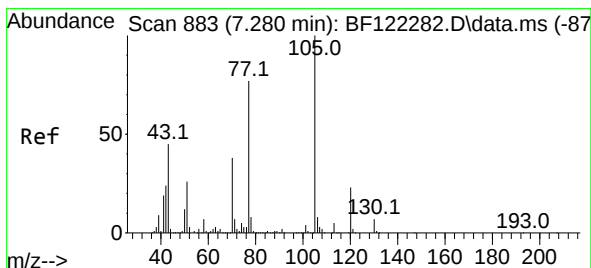
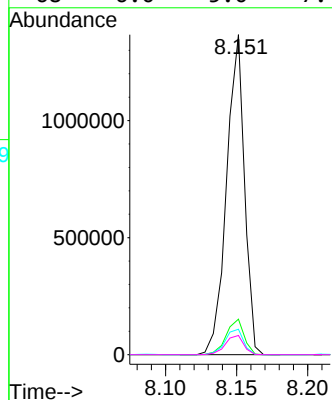
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



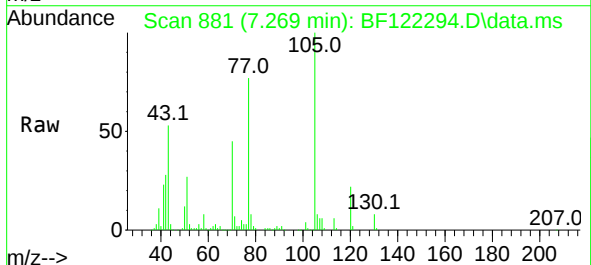
Tgt Ion:136 Resp: 1194413
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.1 10.7
68 6.0 5.0 7.4

Manual Integrations
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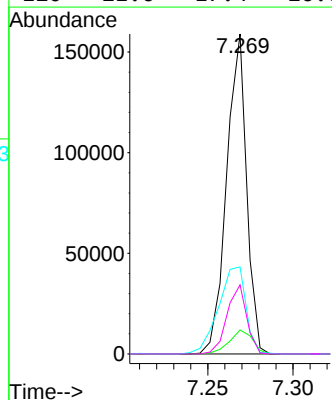
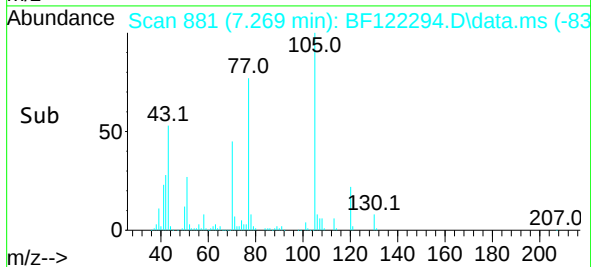
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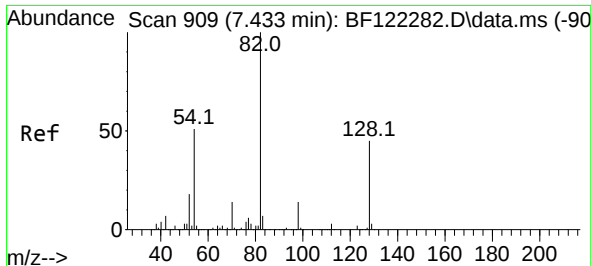


#22
Acetophenone
Concen: 4.17 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion:105 Resp: 129759
Ion Ratio Lower Upper
105 100
71 7.5 5.3 7.9
51 27.2 33.2 49.8#
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 88.69 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

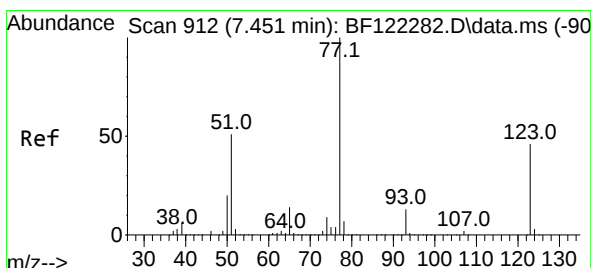
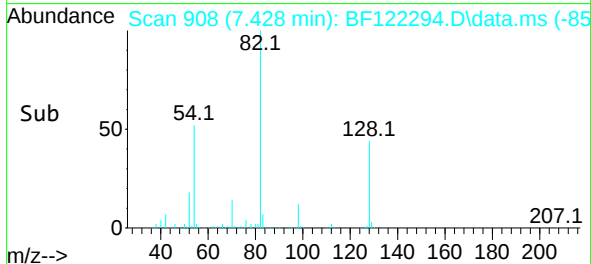
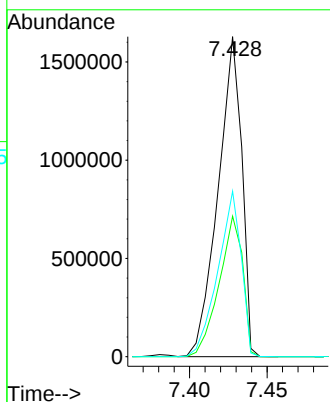
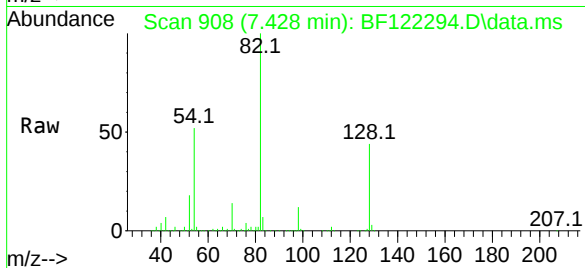
Tgt Ion: 82 Resp: 1730328

Ion Ratio Lower Upper

82 100

128 43.9 35.0 52.4

54 51.7 43.9 65.9



#24

Nitrobenzene

Concen: 4.52 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

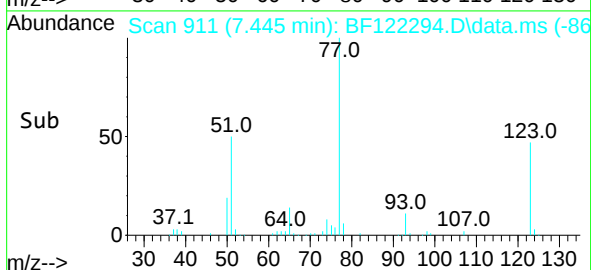
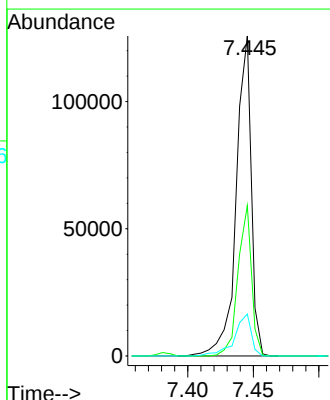
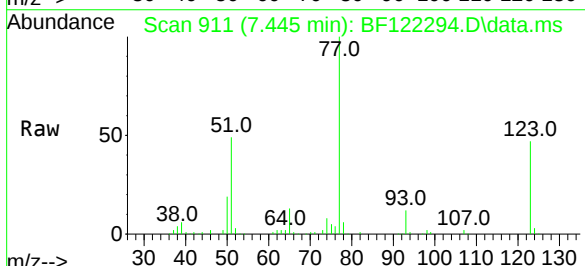
Tgt Ion: 77 Resp: 100984

Ion Ratio Lower Upper

77 100

123 47.0 35.6 53.4

65 13.1 11.2 16.8



Instrument :

BNA_F

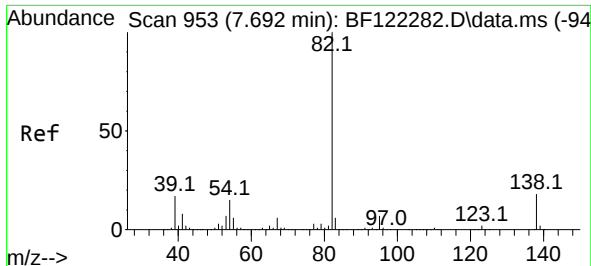
ClientSampleId :

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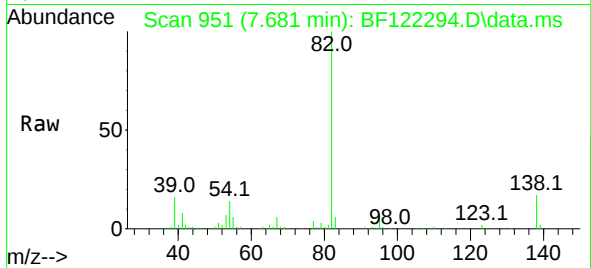
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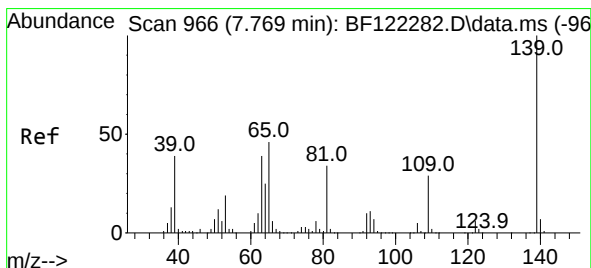
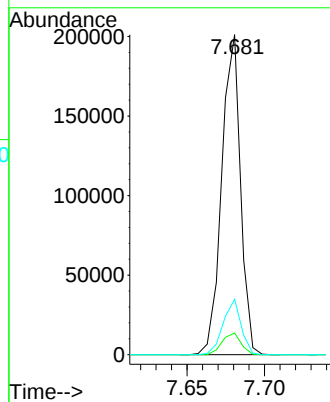
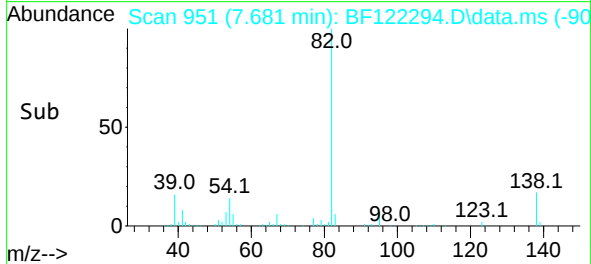
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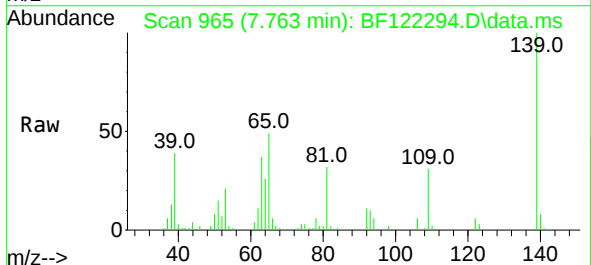
#25
Isophorone
Concen: 3.89 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



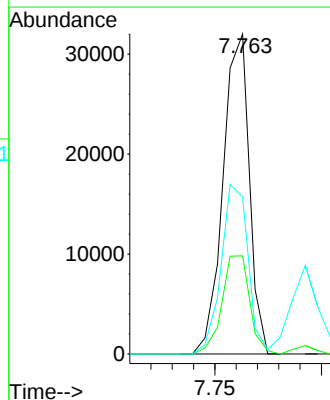
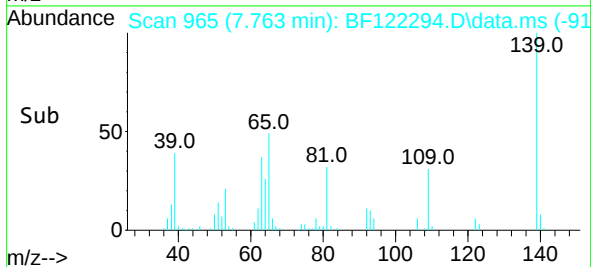
Tgt Ion: 82 Resp: 169274
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.3 13.4 20.0



#26
2-Nitrophenol
Concen: 3.64 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



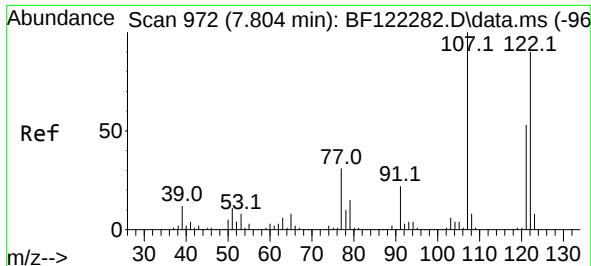
Tgt Ion: 139 Resp: 27417
Ion Ratio Lower Upper
139 100
109 30.7 23.0 34.4
65 49.0 39.9 59.9



Instrument :
BNA_F
ClientSampleId :
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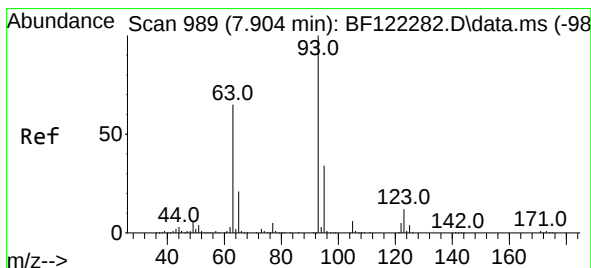
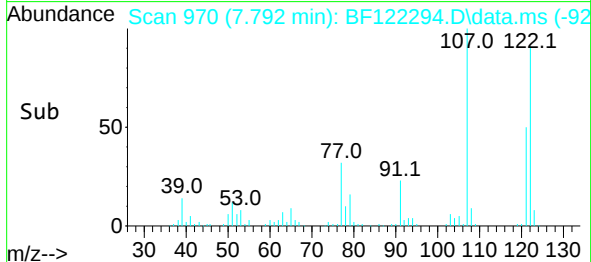
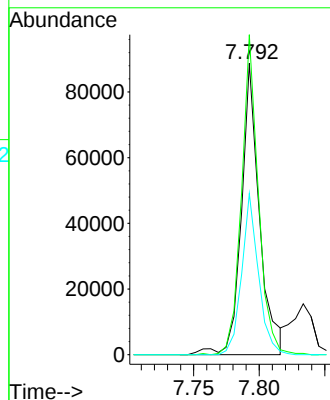
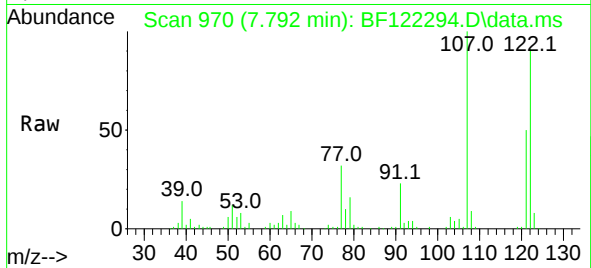
#27
2,4-Dimethylphenol
Concen: 4.17 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 122 Resp: 85484
Ion Ratio Lower Upper
122 100
107 109.9 90.8 136.2
121 55.3 47.5 71.3

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

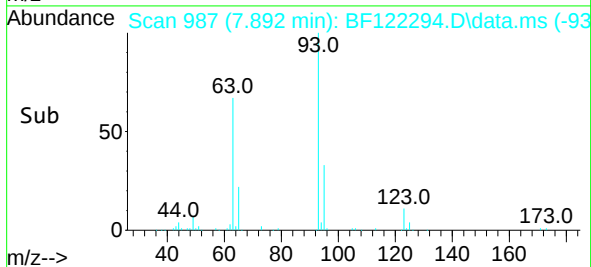
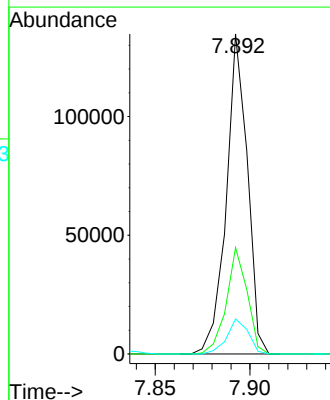
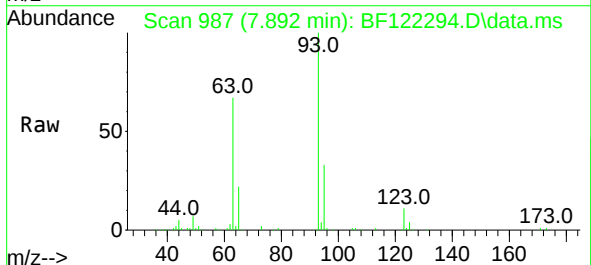
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#28
bis(2-Chloroethoxy)methane
Concen: 3.91 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 93 Resp: 104005
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 11.0 8.8 13.2





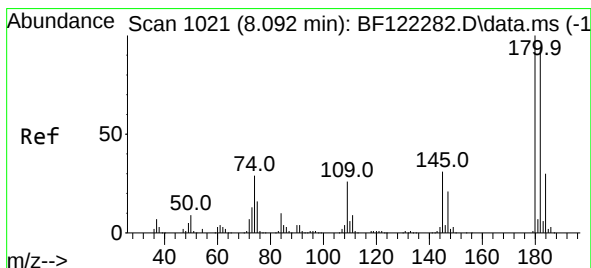
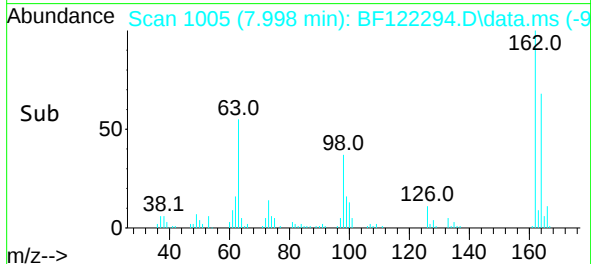
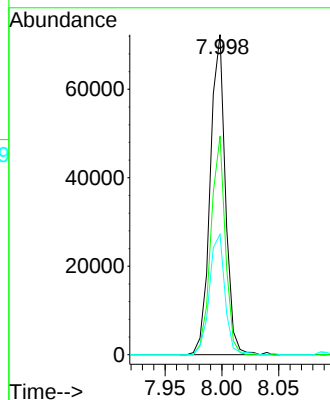
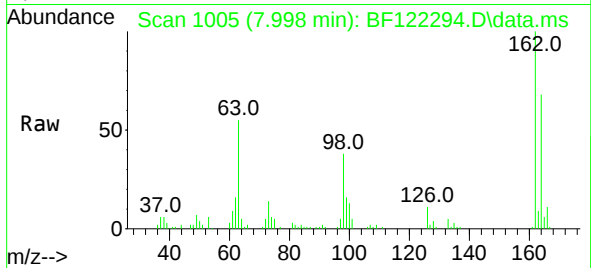
#29
2,4-Dichlorophenol
Concen: 3.70 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:162 Resp: 67116
Ion Ratio Lower Upper
162 100
164 68.3 42.5 82.5
98 37.6 20.1 60.1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

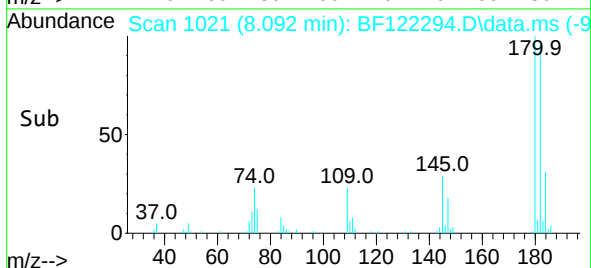
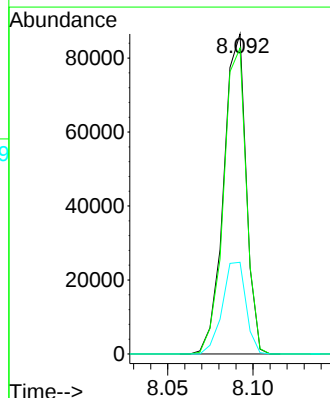
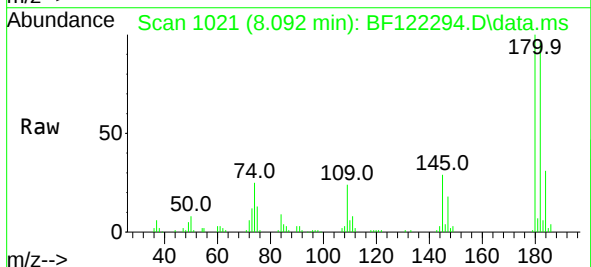
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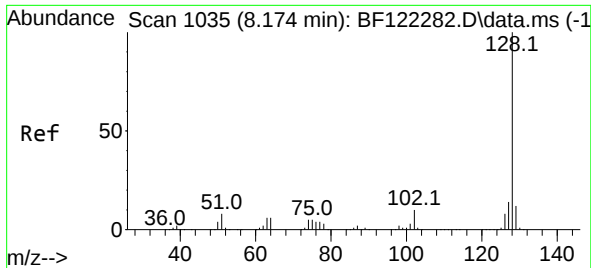
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#30
1,2,4-Trichlorobenzene
Concen: 3.95 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:180 Resp: 79251
Ion Ratio Lower Upper
180 100
182 95.6 79.4 119.2
145 28.6 25.5 38.3





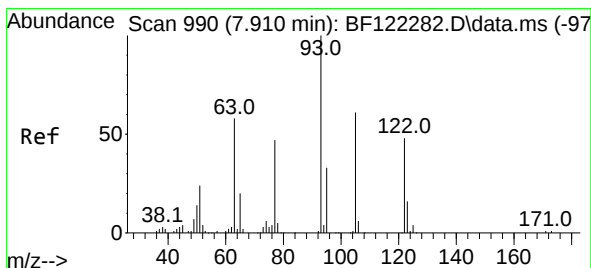
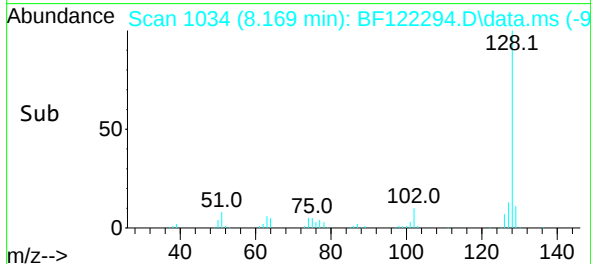
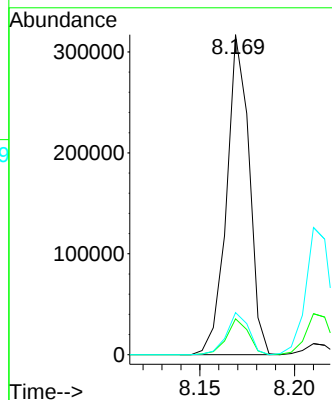
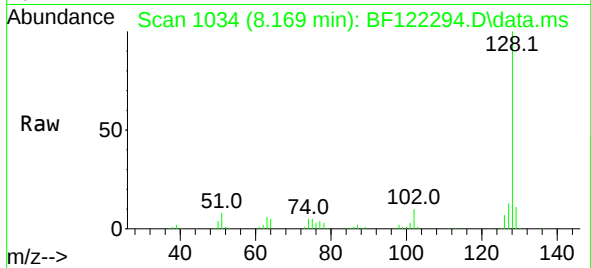
#31
Naphthalene
Concen: 4.13 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:128 Resp: 262163
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
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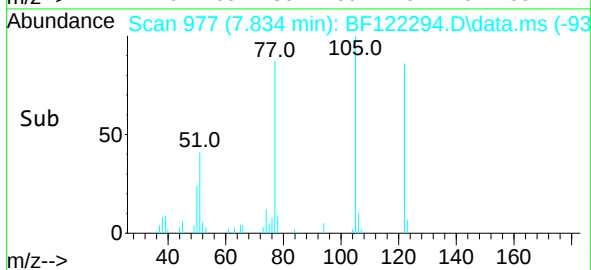
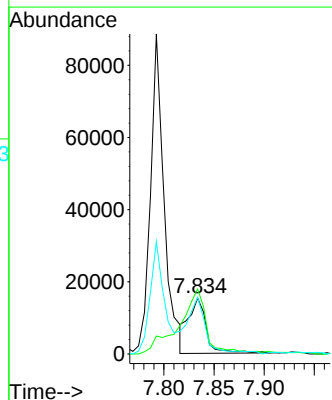
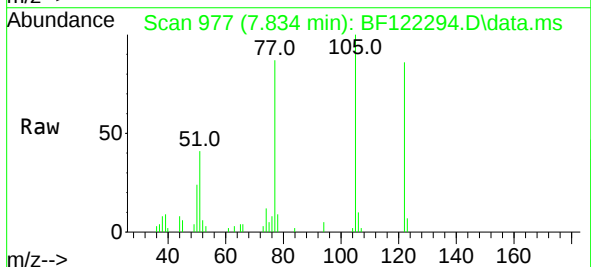
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#32
Benzoic acid
Concen: 2.06 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.076 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:122 Resp: 19040
Ion Ratio Lower Upper
122 100
105 116.2 103.3 143.3
77 101.5 73.9 113.9





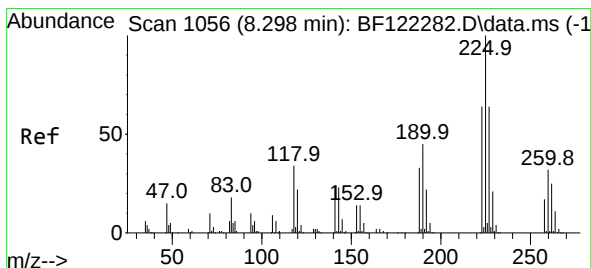
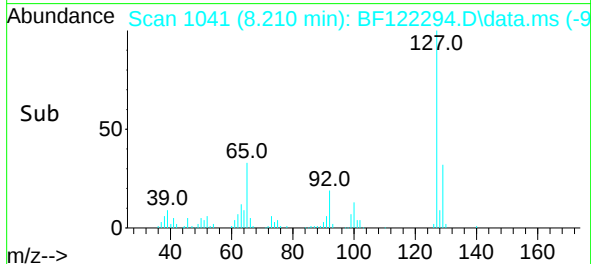
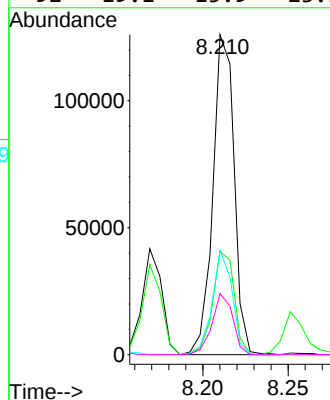
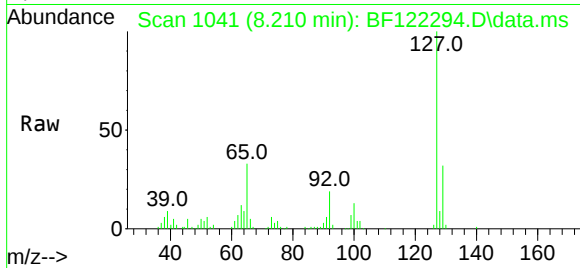
#33
4-Chloroaniline
Concen: 3.96 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	127	Resp:	109643
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	32.7	26.2	39.2
92	19.1	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

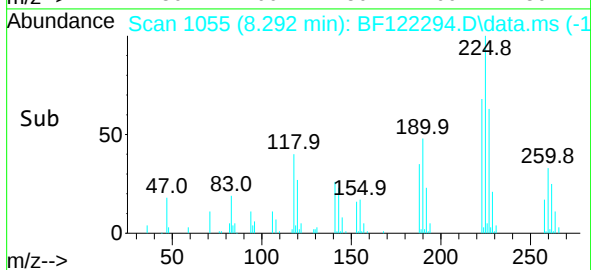
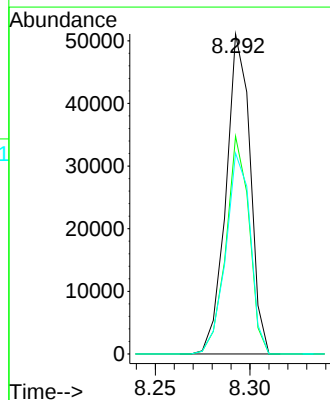
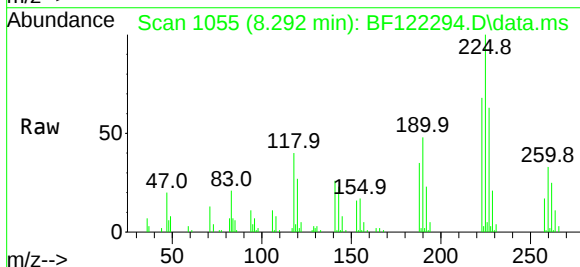
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#34
Hexachlorobutadiene
Concen: 3.93 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	225	Resp:	45233
Ion Ratio	Lower	Upper	
225	100		
223	68.1	51.1	76.7
227	62.7	51.0	76.6





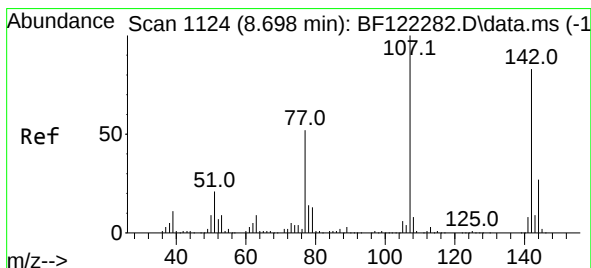
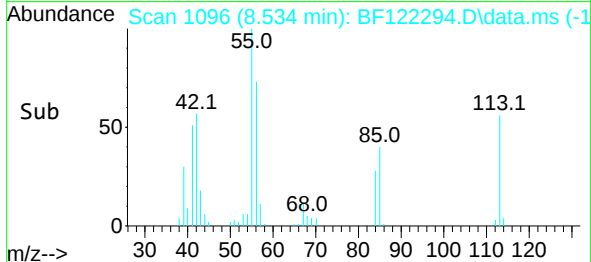
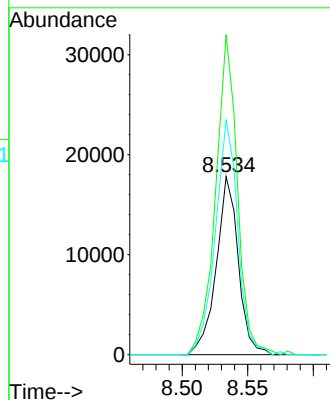
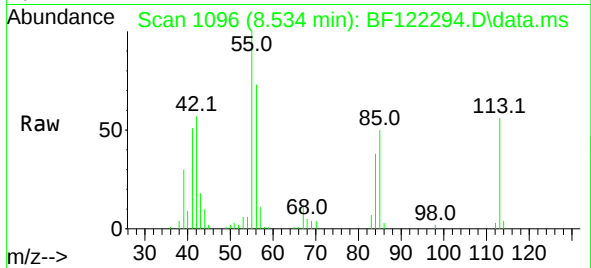
#35
Caprolactam
Concen: 3.62 ng
RT: 8.534 min Scan# 1096
Delta R.T. -0.058 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:113 Resp: 20813
Ion Ratio Lower Upper
113 100
55 179.7 167.5 207.5
56 131.7 121.2 161.2

Instrument :
BNA_F
ClientSampleId :
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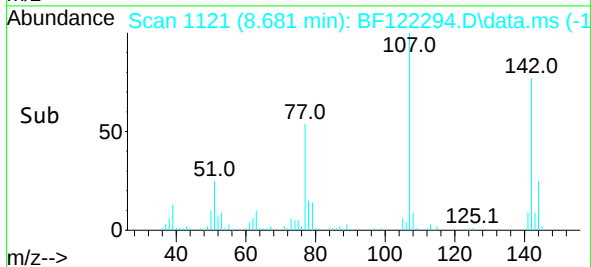
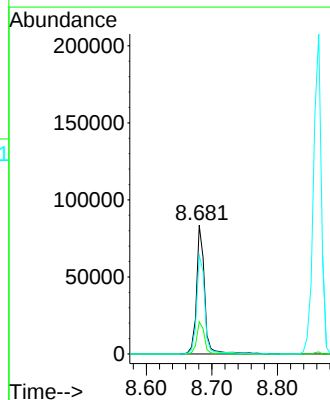
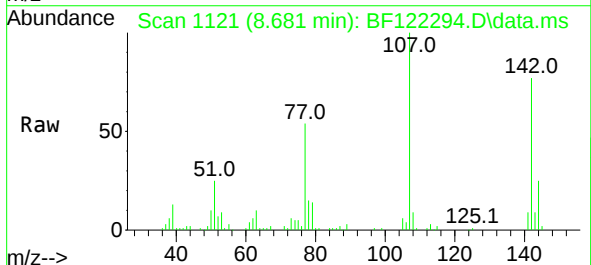
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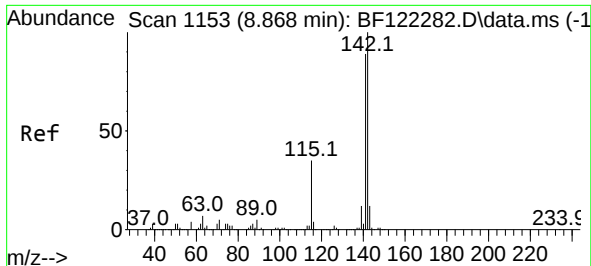
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#36
4-Chloro-3-methylphenol
Concen: 3.77 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:107 Resp: 71443
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 76.9 59.3 88.9





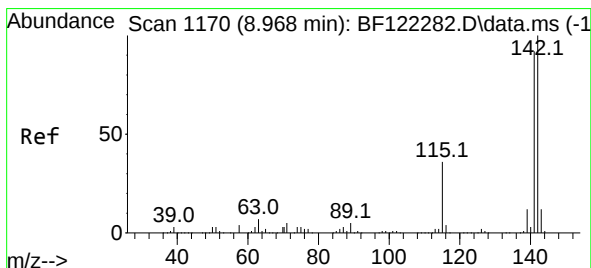
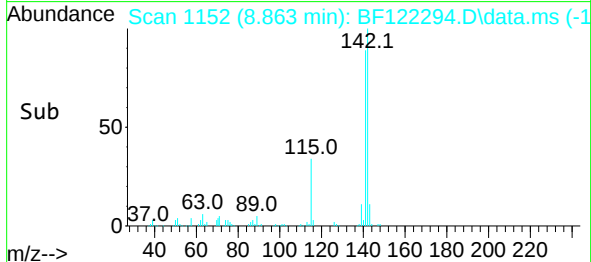
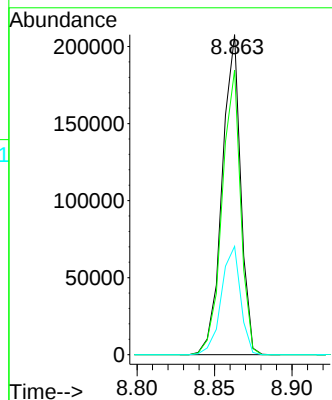
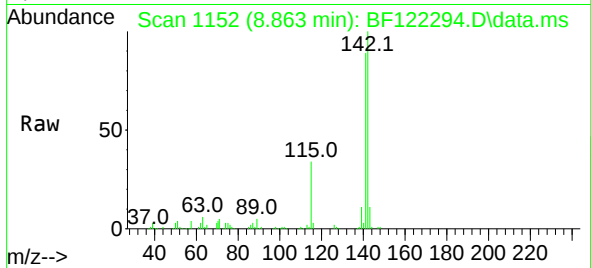
#37
2-Methylnaphthalene
Concen: 4.11 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:142 Resp: 172476
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4
115 33.9 28.6 43.0

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

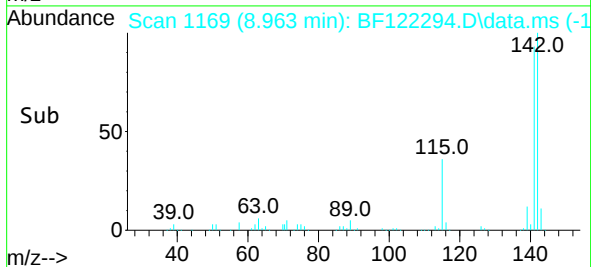
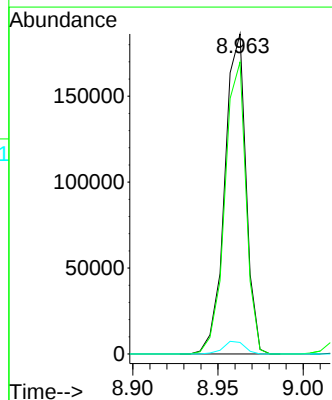
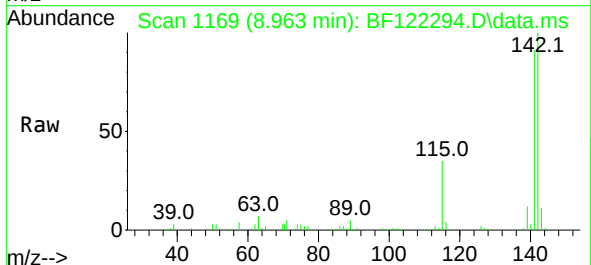
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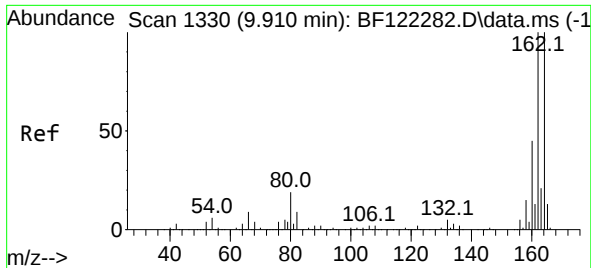
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#38
1-Methylnaphthalene
Concen: 4.12 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

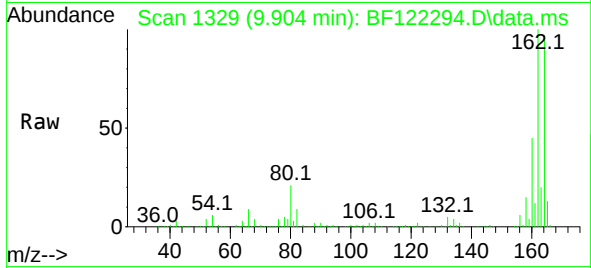
Tgt Ion:142 Resp: 161818
Ion Ratio Lower Upper
142 100
141 91.2 74.5 111.7
116 3.6 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

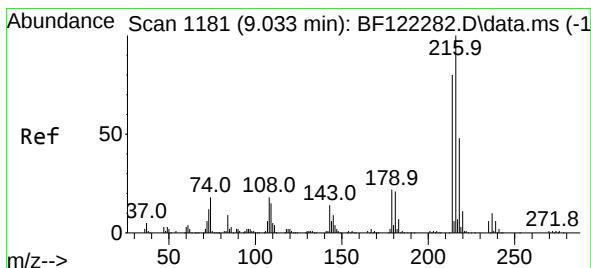
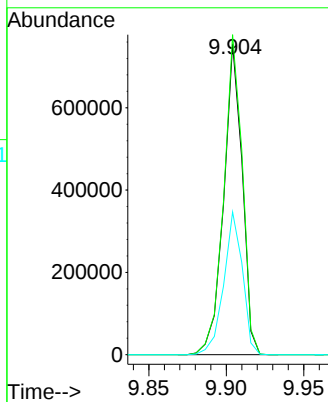
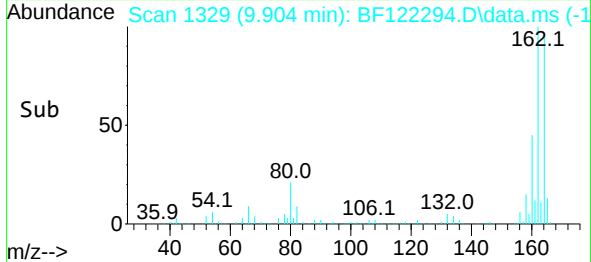
Instrument :
BNA_F
ClientSampleId :
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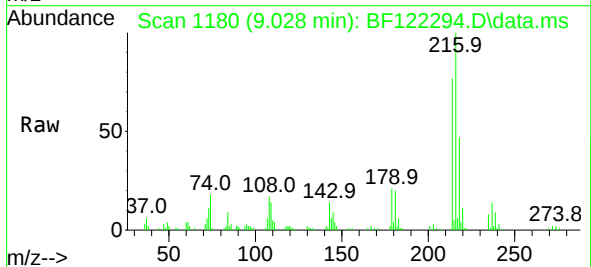
Tgt Ion:164 Resp: 628629
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 45.9 37.5 56.3

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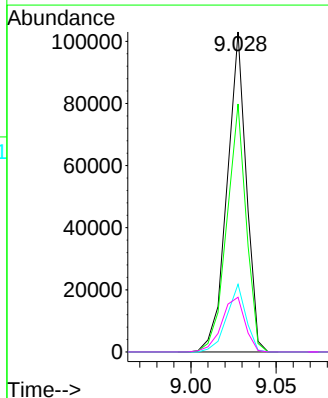
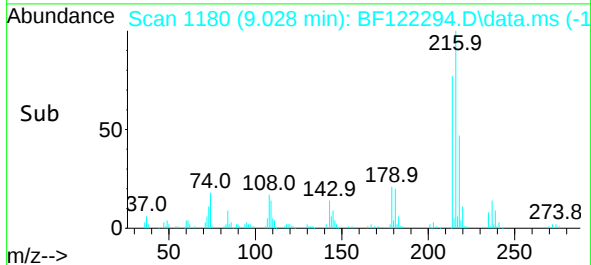
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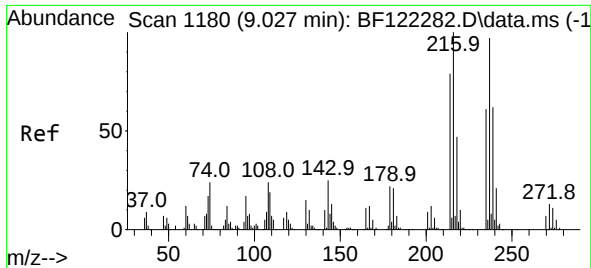


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.17 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion:216 Resp: 80745
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.2
179 21.0 17.0 25.6
108 20.8 15.5 23.3





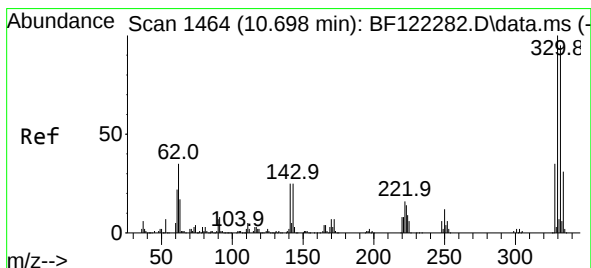
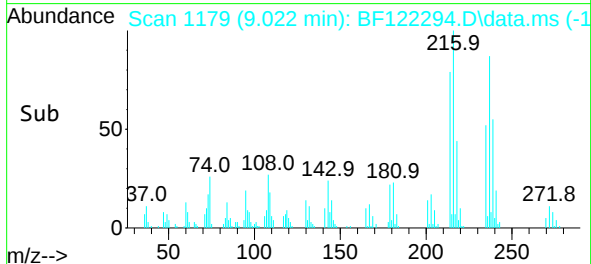
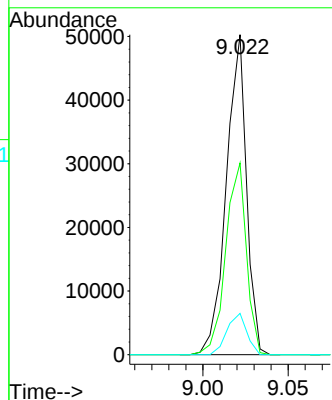
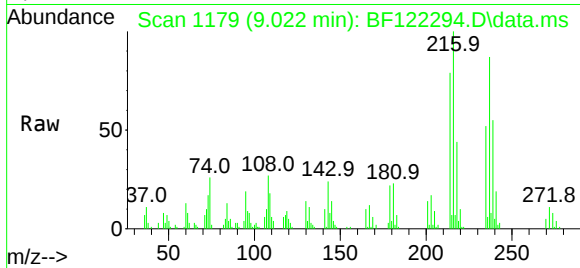
#41
Hexachlorocyclopentadiene
Concen: 3.65 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	237	Resp:	41334
Ion Ratio	Lower	Upper	
237	100		
235	59.9	41.8	81.8
272	12.9	0.0	33.5

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

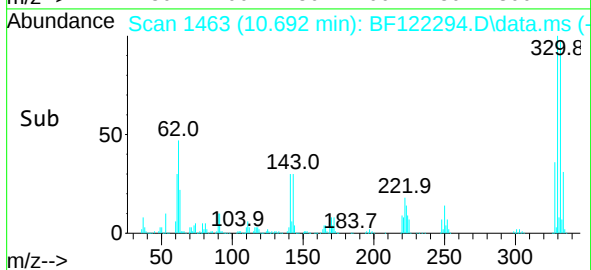
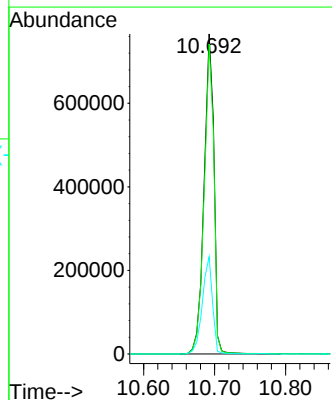
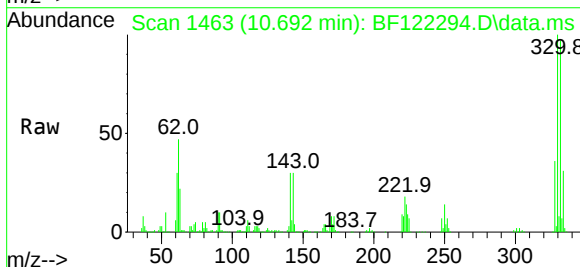
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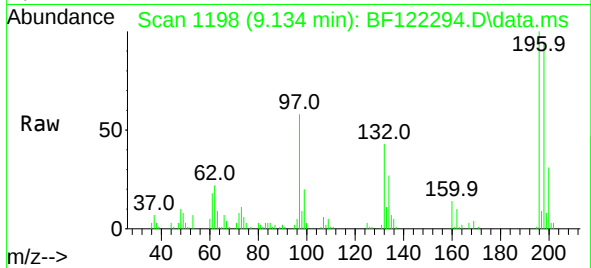
#42
2,4,6-Tribromophenol
Concen: 110.07 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	330	Resp:	742628
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.3	115.9
141	31.2	22.3	33.5

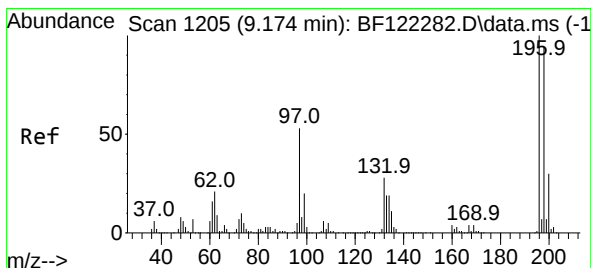
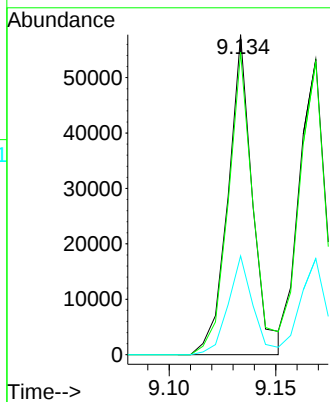
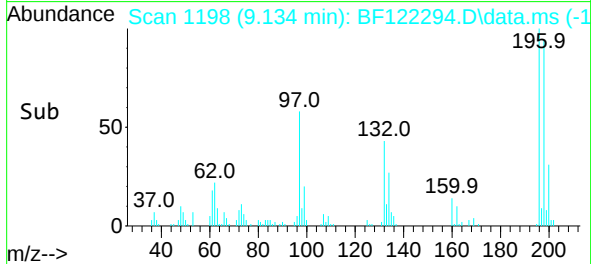




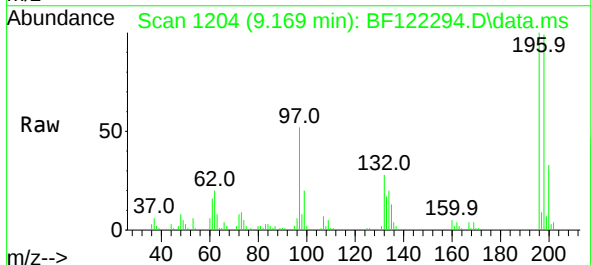
#43
2,4,6-Trichlorophenol
Concen: 3.67 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.005 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



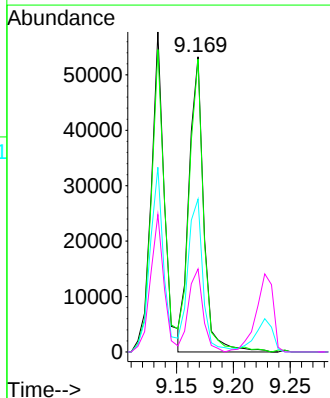
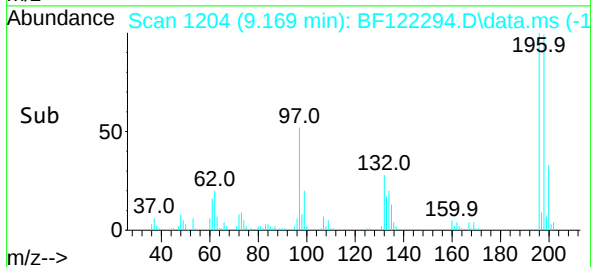
Tgt Ion:196 Resp: 46172
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 30.8 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 3.65 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



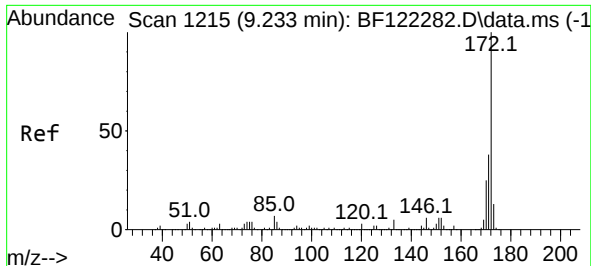
Tgt Ion:196 Resp: 48142
Ion Ratio Lower Upper
196 100
198 99.2 76.1 114.1
97 51.8 41.0 61.6
132 28.1 22.4 33.6



Instrument :
BNA_F
ClientSampleId :
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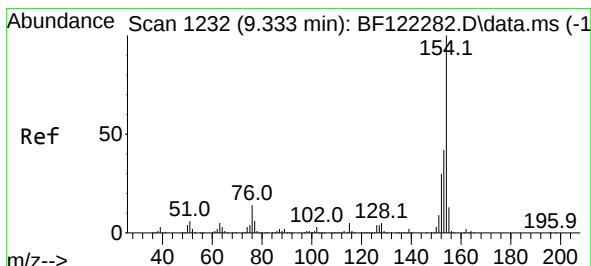
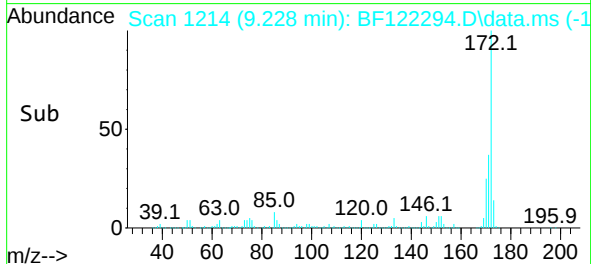
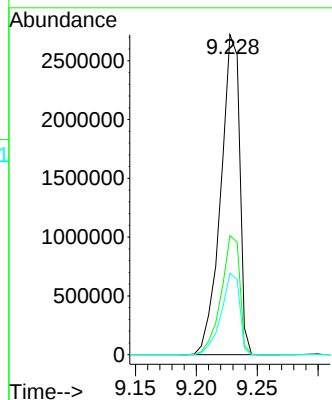
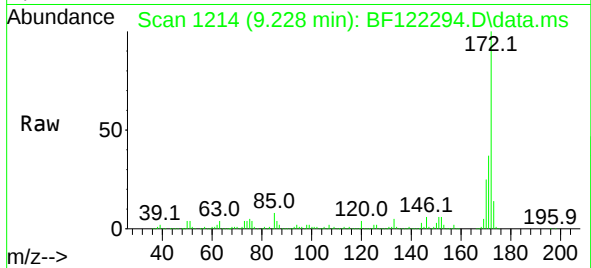
#45
2-Fluorobiphenyl
Concen: 73.15 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:172 Resp: 2942989
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 25.5 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

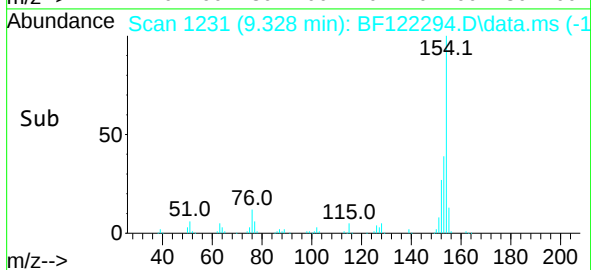
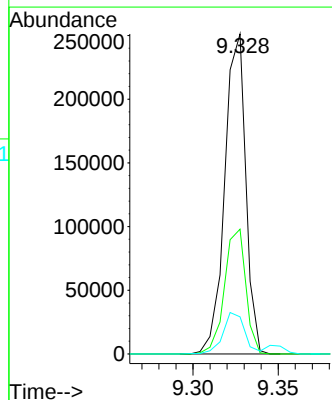
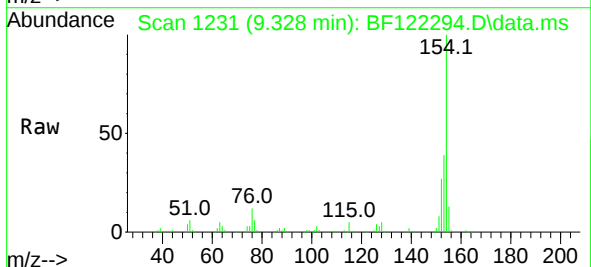
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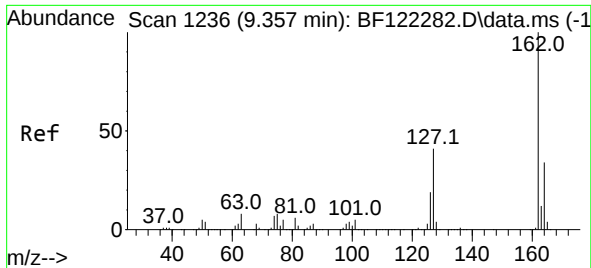
mohammad
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#46
1,1'-Biphenyl
Concen: 4.32 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

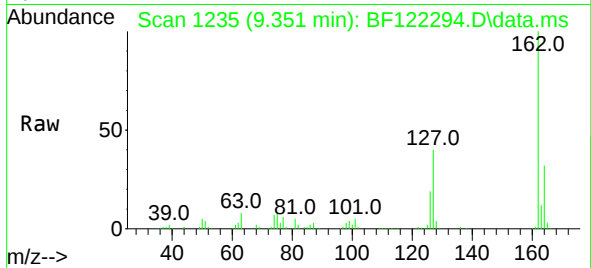
Tgt Ion:154 Resp: 215934
Ion Ratio Lower Upper
154 100
153 39.0 21.3 61.3
76 11.6 0.0 34.7





#47
2-Chloronaphthalene
Concen: 4.16 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

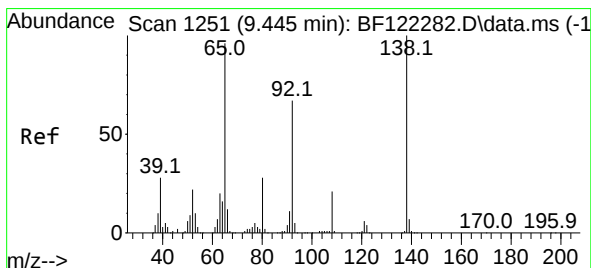
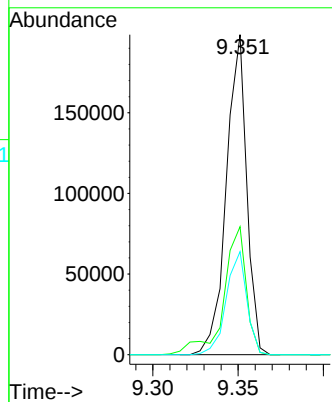
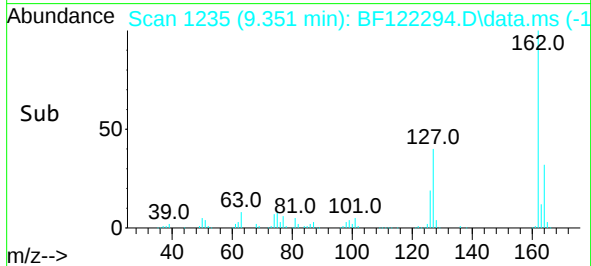
Instrument :
BNA_F
ClientSampleId :
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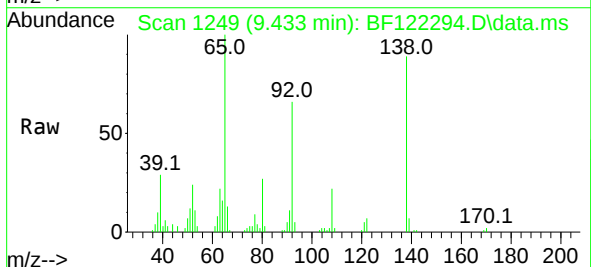
Tgt Ion:162 Resp: 165120
Ion Ratio Lower Upper
162 100
127 40.0 34.4 51.6
164 32.2 26.3 39.5

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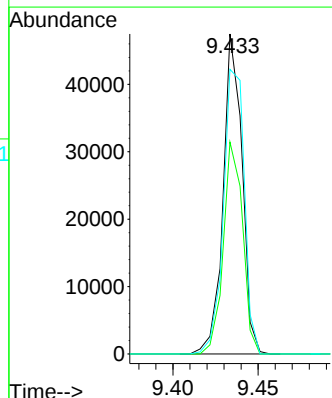
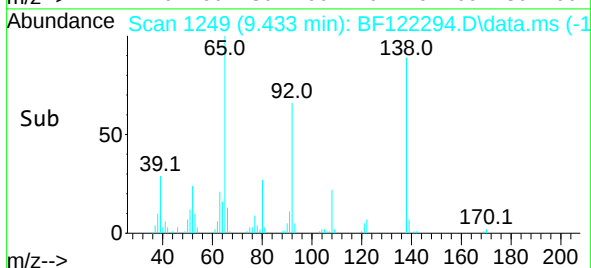
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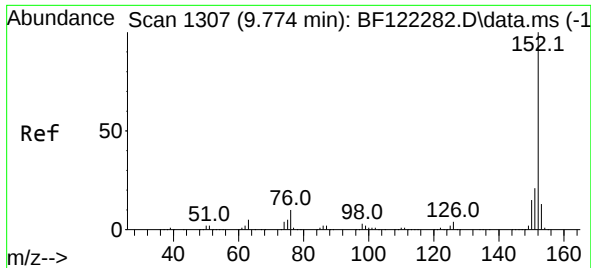


#48
2-Nitroaniline
Concen: 3.76 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



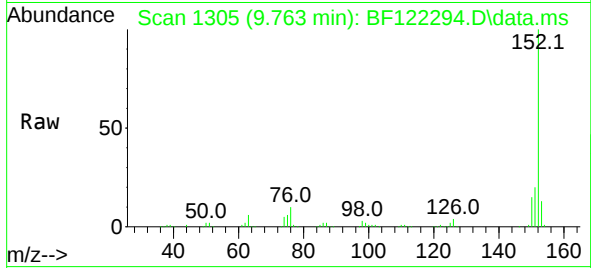
Tgt Ion: 65 Resp: 36674
Ion Ratio Lower Upper
65 100
92 66.2 55.1 82.7
138 88.9 80.5 120.7





#49
Acenaphthylene
Concen: 4.08 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

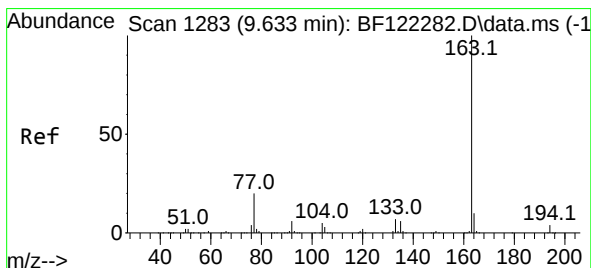
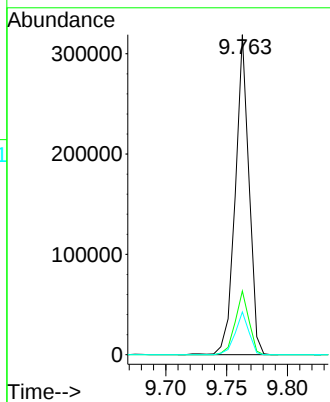
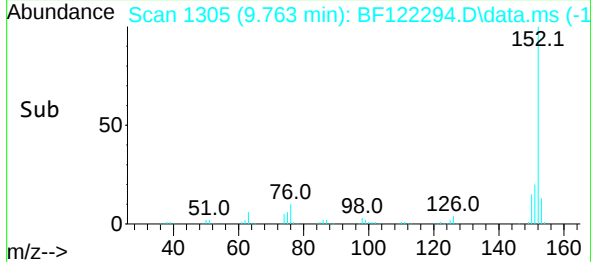
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



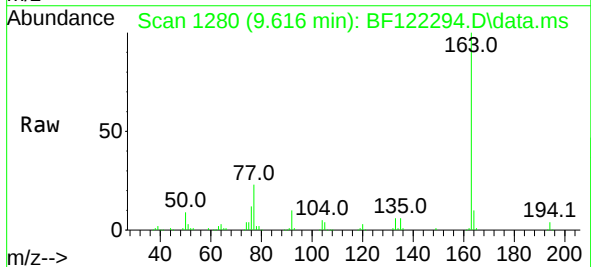
Tgt Ion:152 Resp: 248863
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 10.6 15.8

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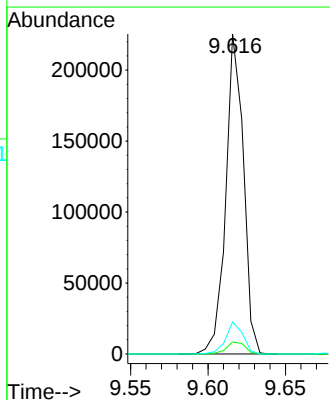
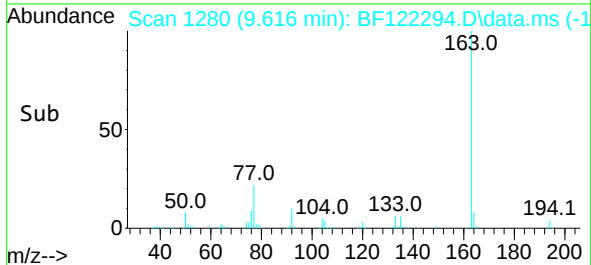
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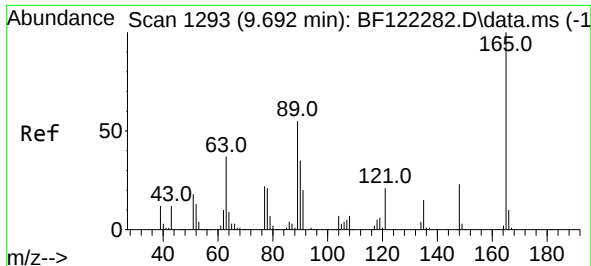


#50
Dimethylphthalate
Concen: 3.99 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion:163 Resp: 178228
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4





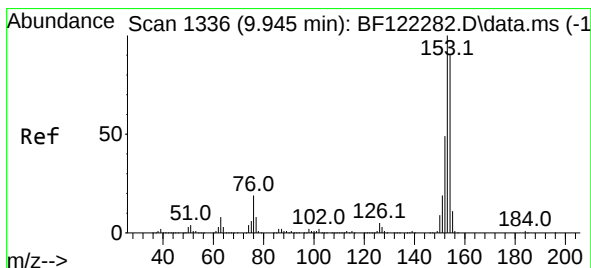
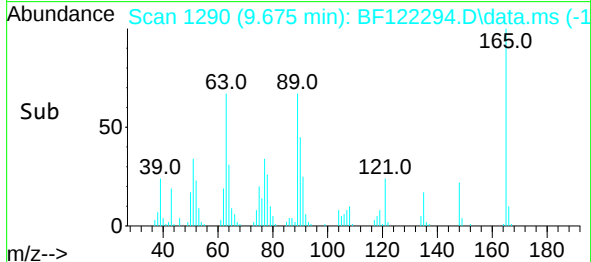
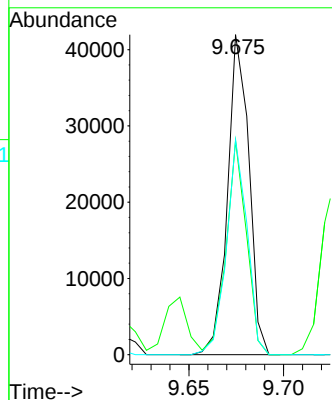
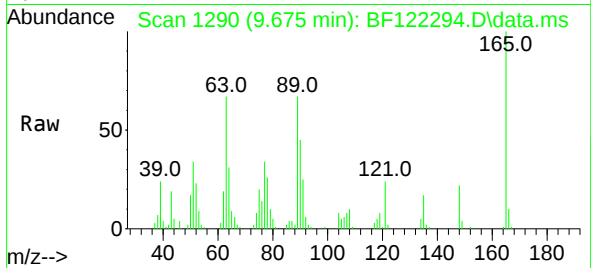
#51
2,6-Dinitrotoluene
Concen: 3.82 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:165 Resp: 33012
Ion Ratio Lower Upper
165 100
63 66.8 51.8 77.6
89 67.2 49.0 73.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

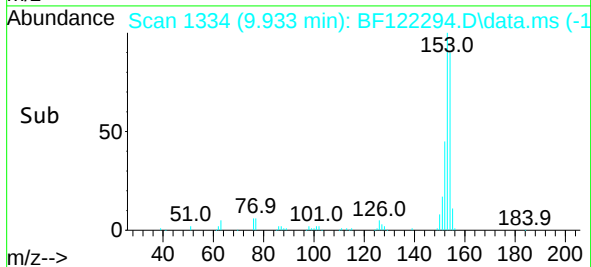
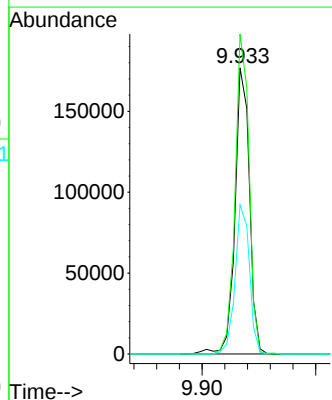
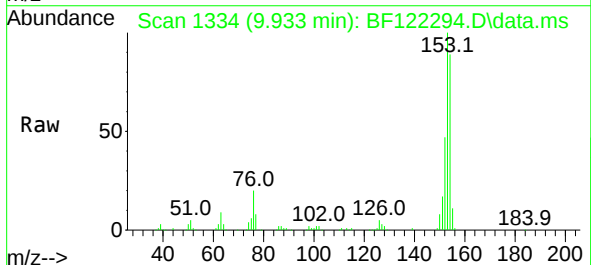
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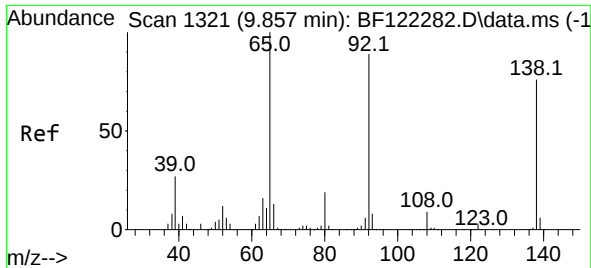
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#52
Acenaphthene
Concen: 4.13 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:154 Resp: 155849
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 52.1 43.2 64.8





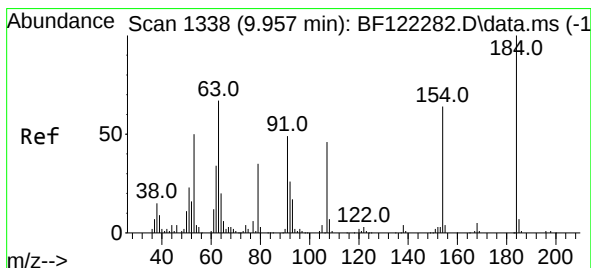
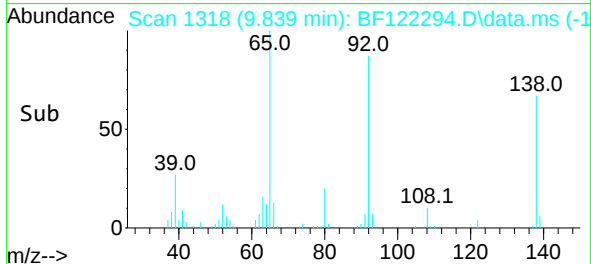
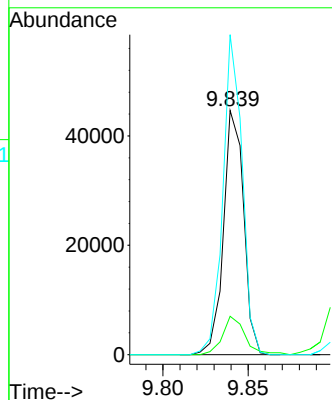
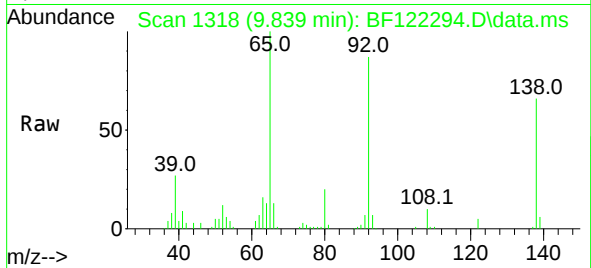
#53
3-Nitroaniline
Concen: 3.68 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:138 Resp: 36713
Ion Ratio Lower Upper
138 100
108 15.7 8.6 13.0#
92 131.1 96.6 144.8

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

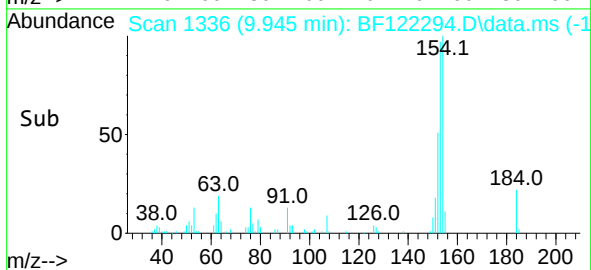
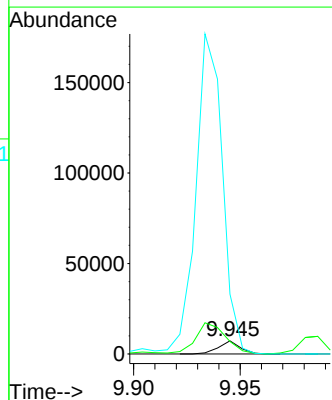
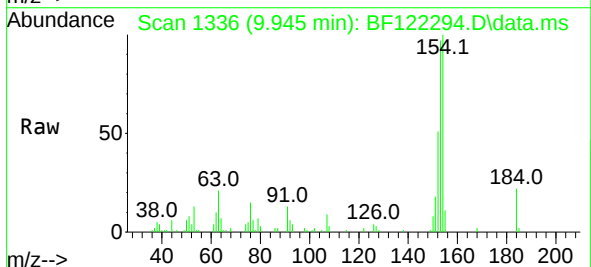
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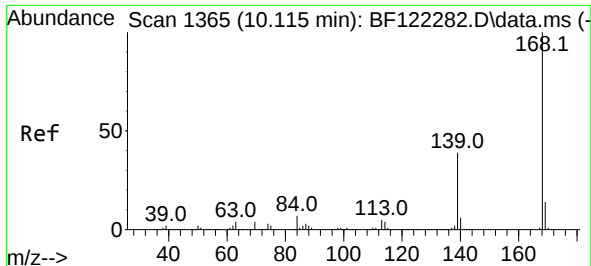
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#54
2,4-Dinitrophenol
Concen: 1.92 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:184 Resp: 5073
Ion Ratio Lower Upper
184 100
63 95.5 45.9 68.9#
154 455.5 45.8 68.6#





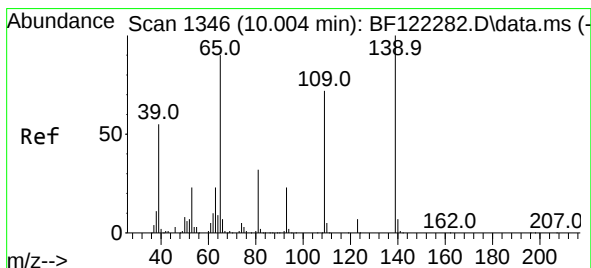
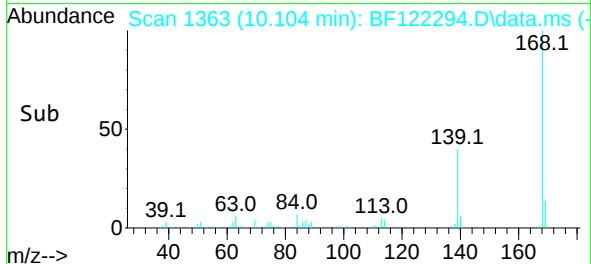
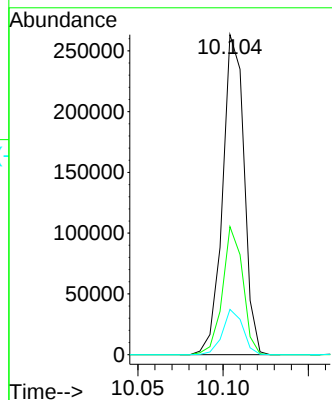
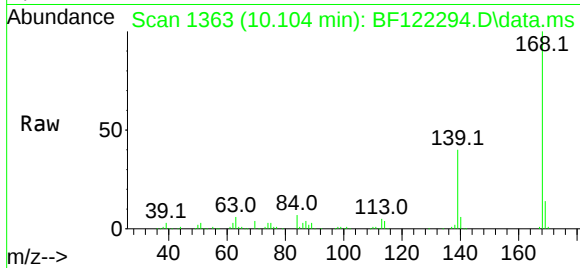
#55
Dibenzofuran
Concen: 4.16 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:168 Resp: 230354
Ion Ratio Lower Upper
168 100
139 40.0 31.0 46.6
169 14.2 11.3 16.9

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

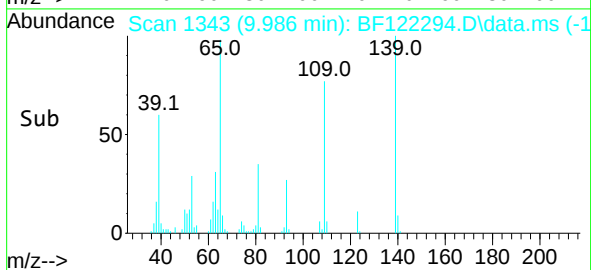
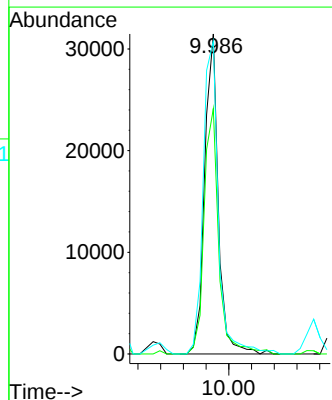
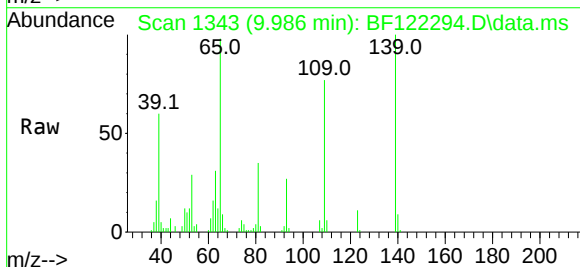
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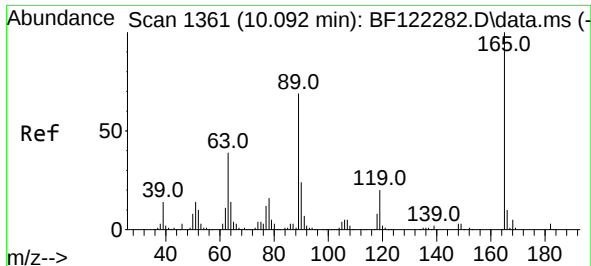
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#56
4-Nitrophenol
Concen: 3.08 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:139 Resp: 26221
Ion Ratio Lower Upper
139 100
109 76.6 45.4 85.4
65 97.8 68.4 108.4





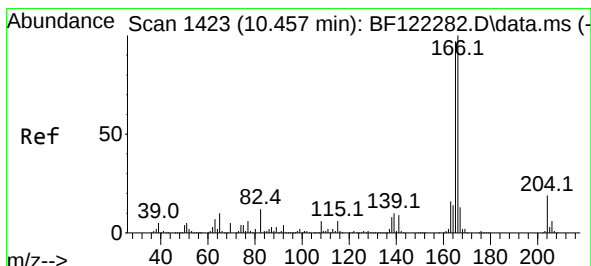
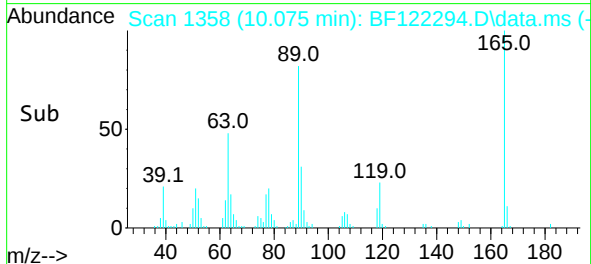
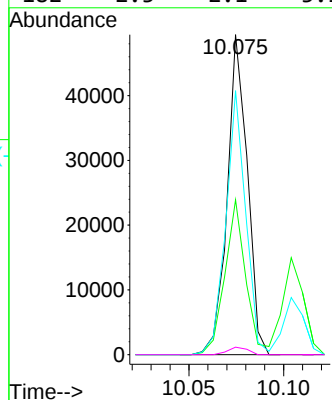
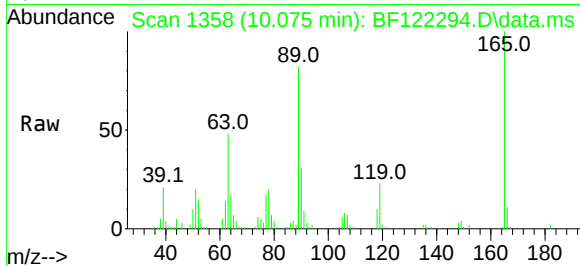
#57
2,4-Dinitrotoluene
Concen: 3.49 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	165	Resp:	36422
Ion Ratio	Lower	Upper	
165	100		
63	48.4	41.3	61.9
89	82.5	61.8	92.8
182	2.3	2.1	3.1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

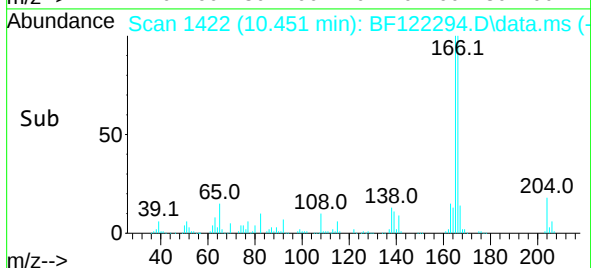
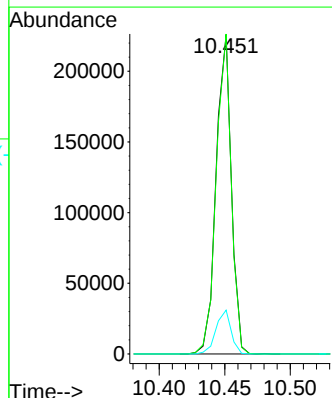
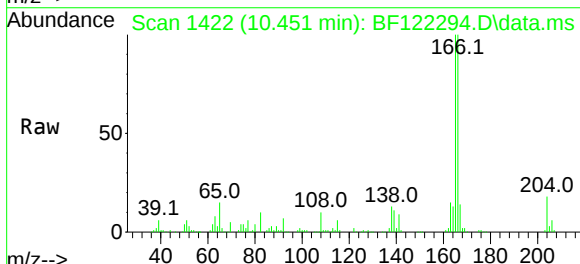
Manual Integrations
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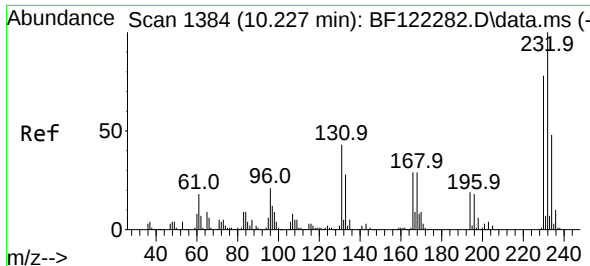
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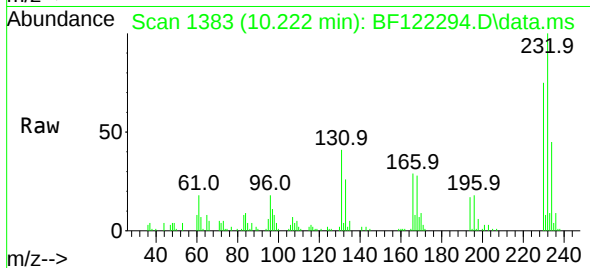
#58
Fluorene
Concen: 4.30 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:	166	Resp:	182113
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.1	118.7
167	13.7	11.0	16.6

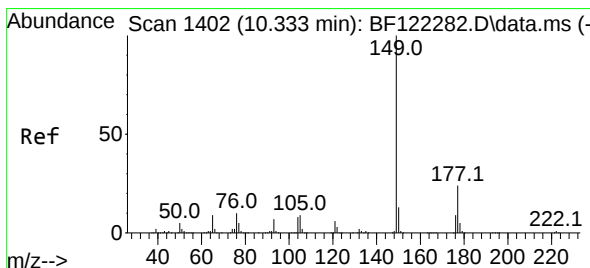
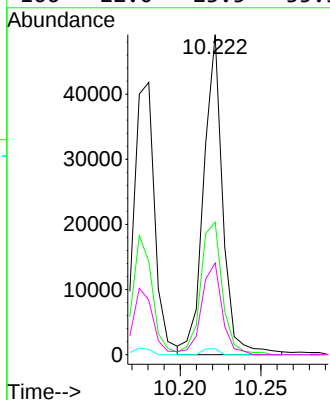
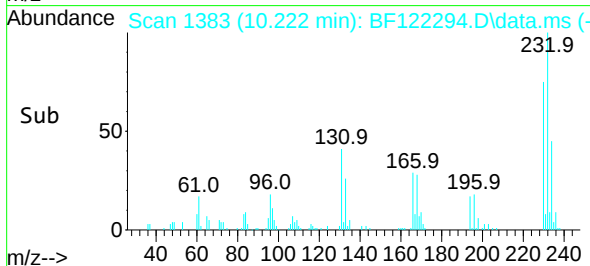




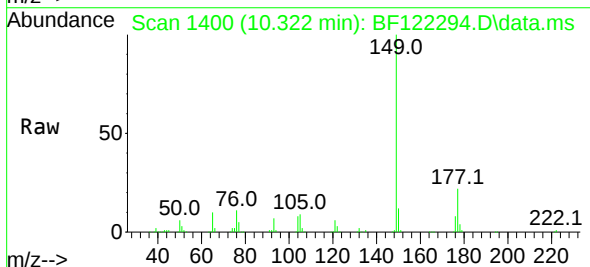
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.68 ng m
RT: 10.222 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



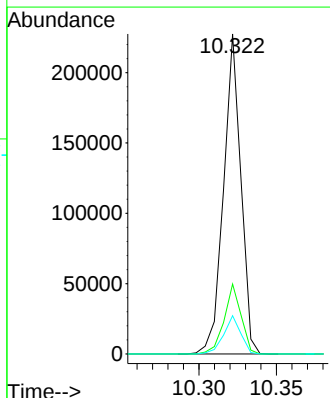
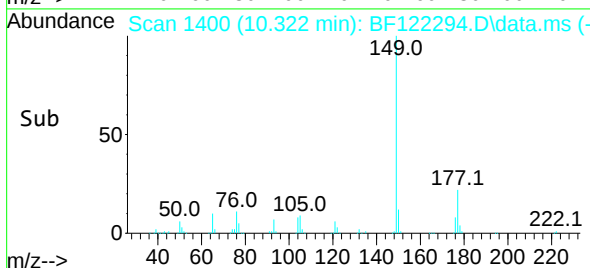
Tgt Ion:232 Resp: 40351
Ion Ratio Lower Upper
232 100
131 38.3 35.9 53.9
130 1.9 1.8 2.6
166 22.0 23.5 35.3#



#60
Diethylphthalate
Concen: 4.03 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



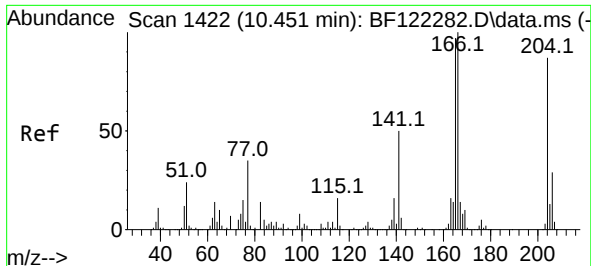
Tgt Ion:149 Resp: 176460
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.0 10.3 15.5



Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

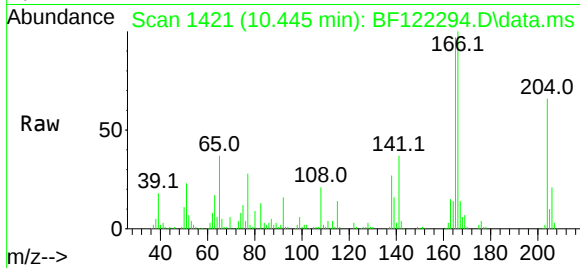
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#61
4-Chlorophenyl-phenylether
Concen: 4.27 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

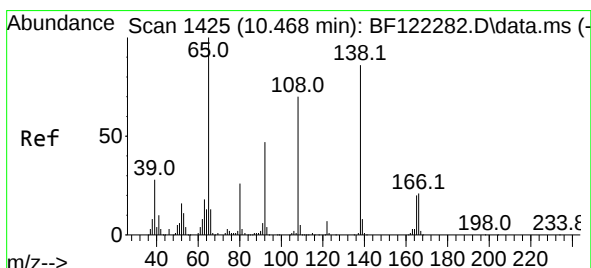
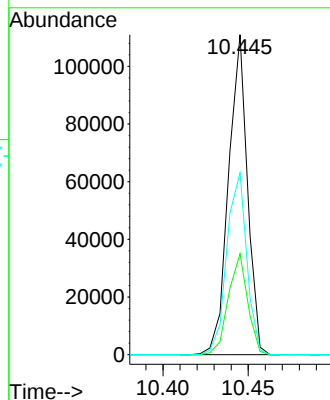
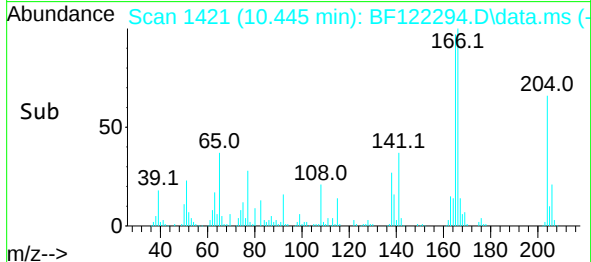
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



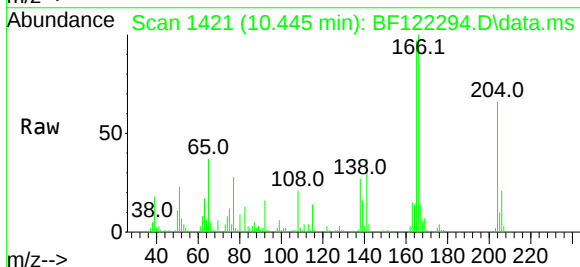
Tgt Ion:204 Resp: 85482
Ion Ratio Lower Upper
204 100
206 31.6 26.0 39.0
141 56.9 46.2 69.4

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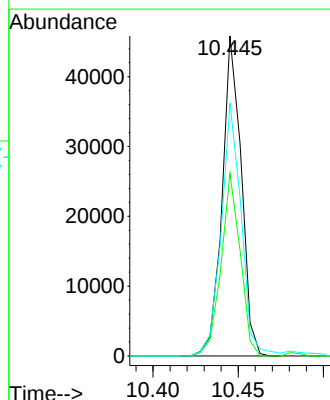
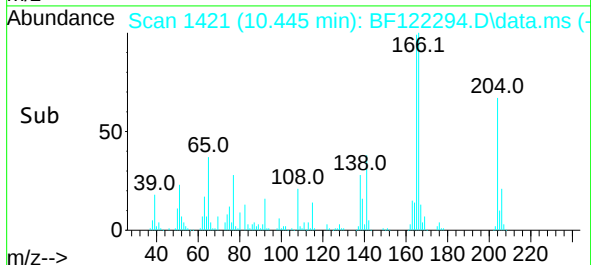
mohammad
11/11/2020 10:31:59 AM



#62
4-Nitroaniline
Concen: 3.63 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

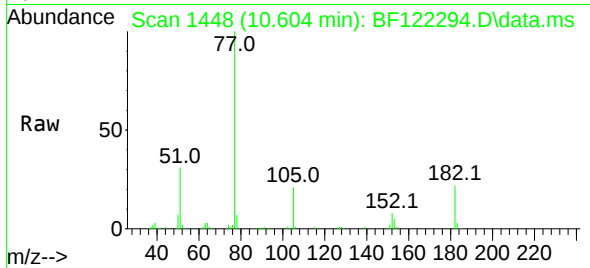


Tgt Ion:138 Resp: 35709
Ion Ratio Lower Upper
138 100
92 57.0 31.0 71.0
108 79.1 51.5 91.5

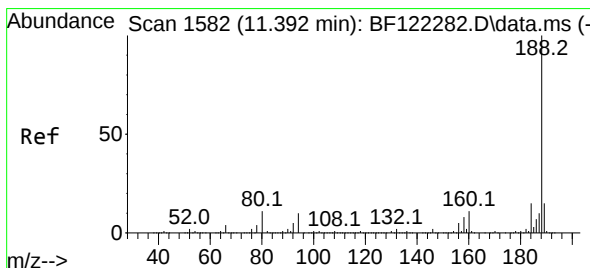
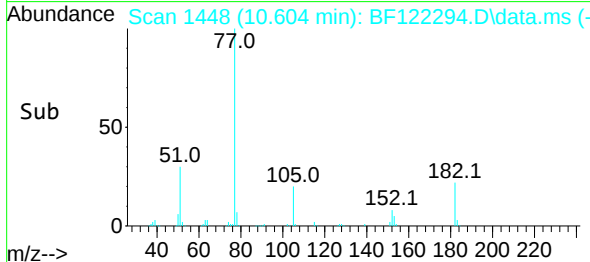
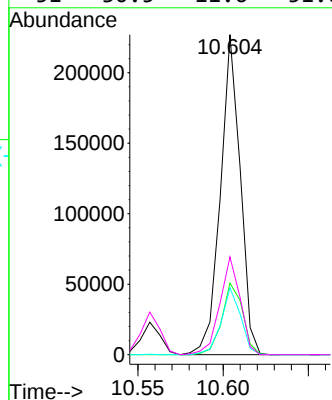




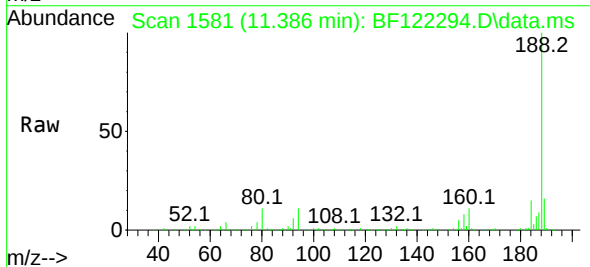
#63
Azobenzene
Concen: 4.00 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



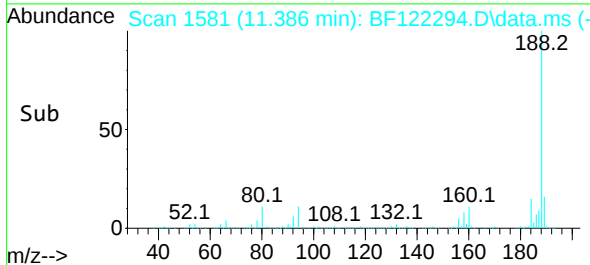
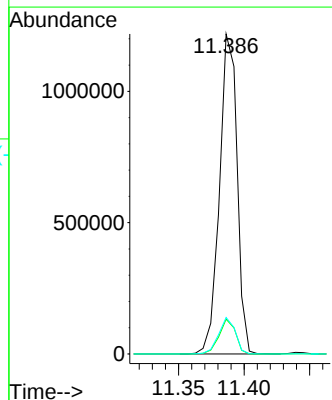
Tgt Ion: 77 Resp: 183865
Ion Ratio Lower Upper
77 100
182 22.3 3.4 43.4
105 20.9 1.7 41.7
51 30.5 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



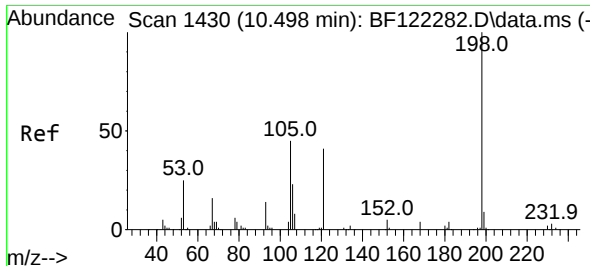
Tgt Ion: 188 Resp: 1136050
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.4 9.1 13.7



Instrument :
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ClientSampleId :
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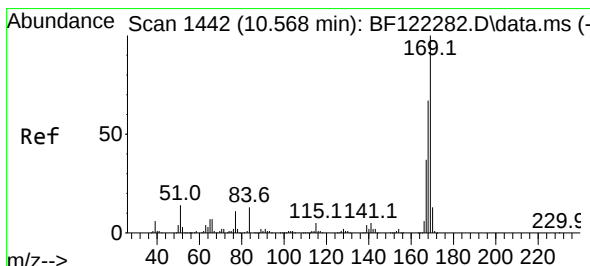
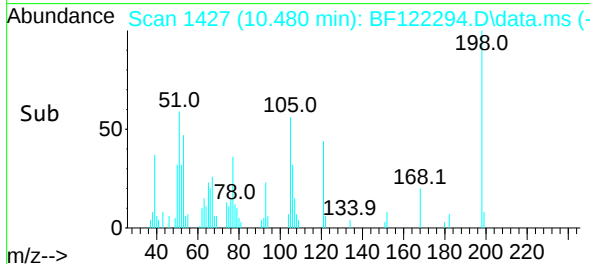
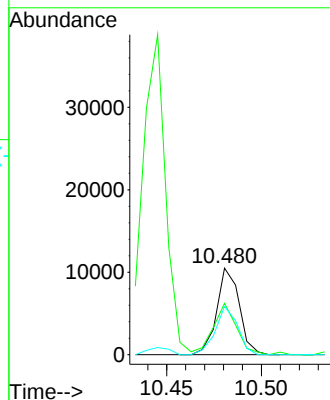
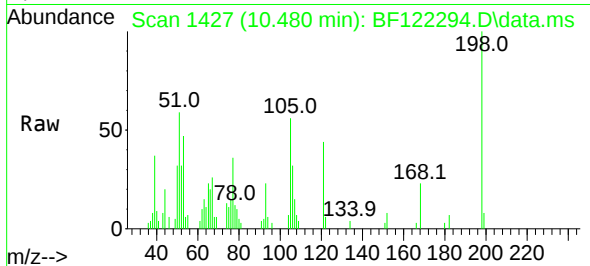
#65
4,6-Dinitro-2-methylphenol
Concen: 2.01 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:198 Resp: 8689
Ion Ratio Lower Upper
198 100
51 59.4 29.6 69.6
105 55.9 24.4 64.4

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

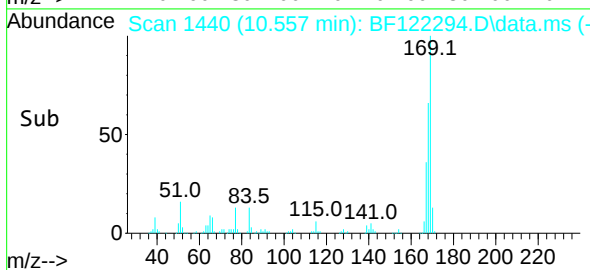
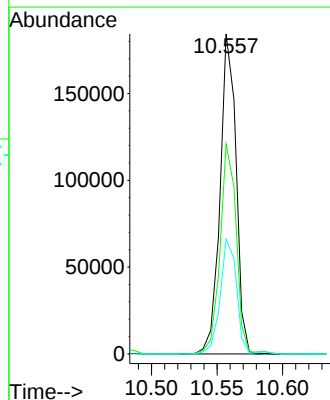
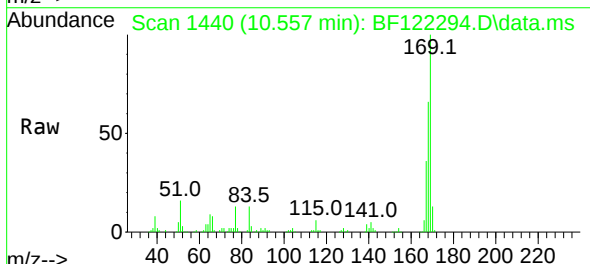
Manual Integrations
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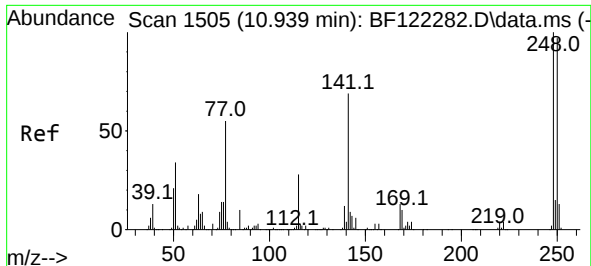
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 4.02 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

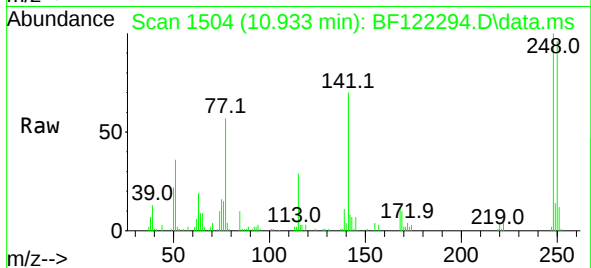
Tgt Ion:169 Resp: 155644
Ion Ratio Lower Upper
169 100
168 65.6 50.0 75.0
167 35.8 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

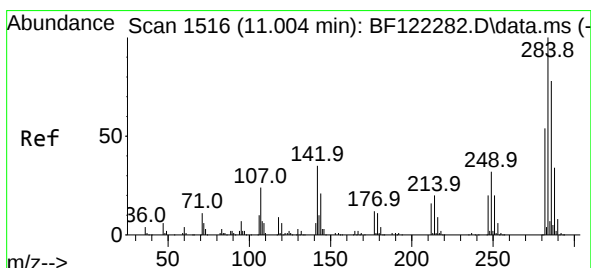
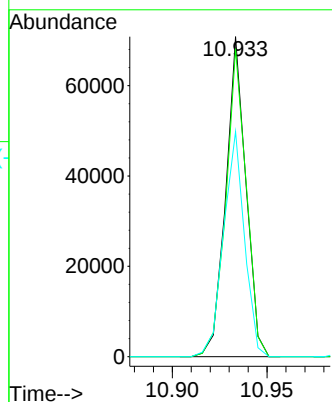
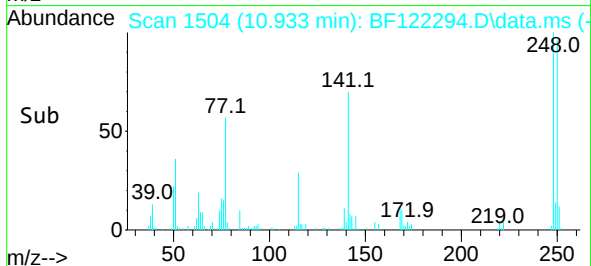
Instrument :
BNA_F
ClientSampleId :
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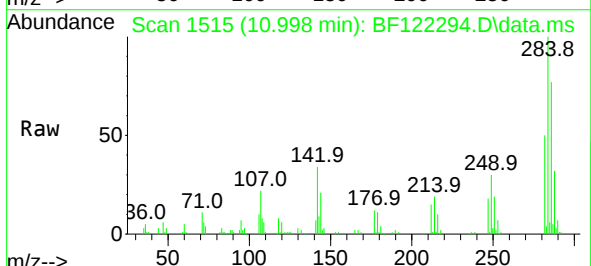
Tgt Ion:248 Resp: 52477
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.6
141 70.3 53.7 80.5

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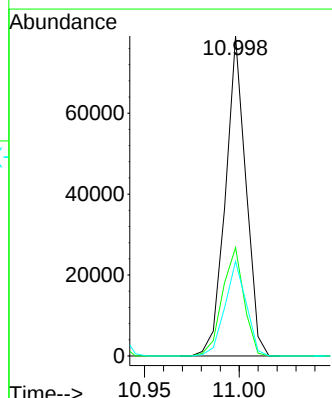
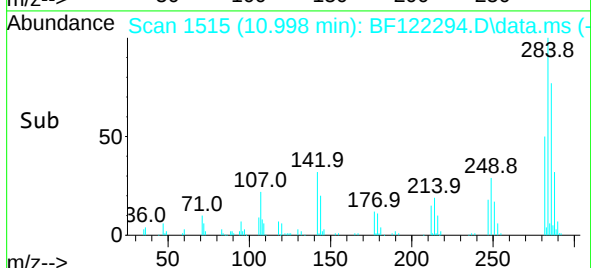
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#68
Hexachlorobenzene
Concen: 4.11 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion:284 Resp: 59214
Ion Ratio Lower Upper
284 100
142 33.9 27.4 41.2
249 29.6 24.2 36.4





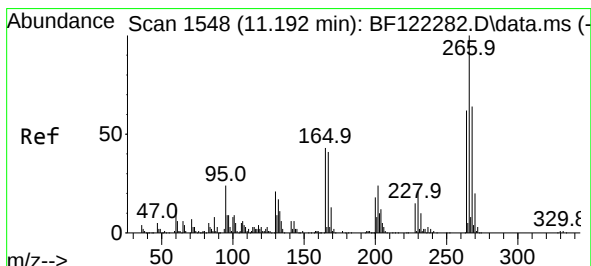
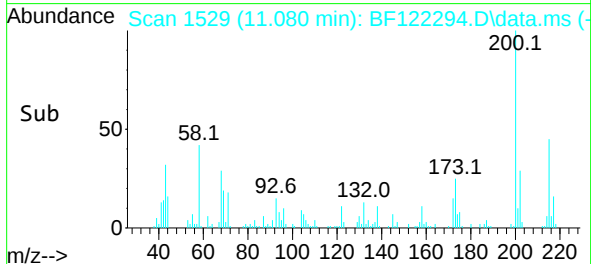
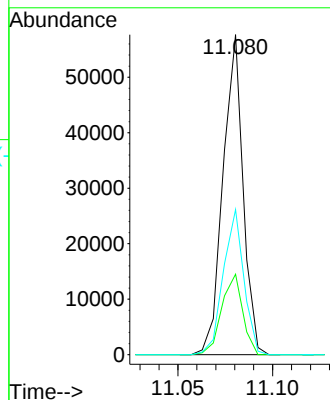
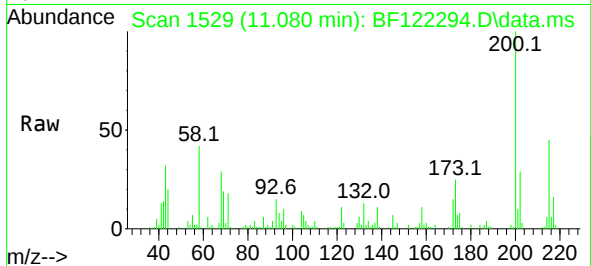
#69
Atrazine
Concen: 4.41 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:200 Resp: 42481
Ion Ratio Lower Upper
200 100
173 25.1 7.5 47.5
215 45.4 27.1 67.1

Instrument :
BNA_F
ClientSampleId :
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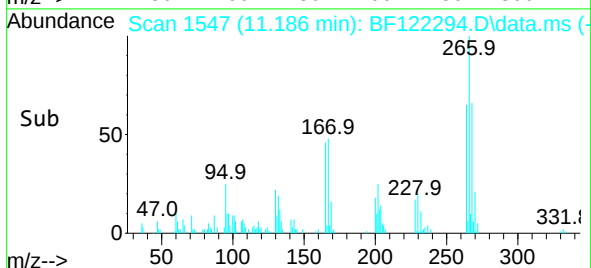
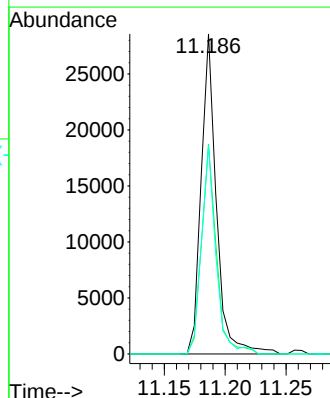
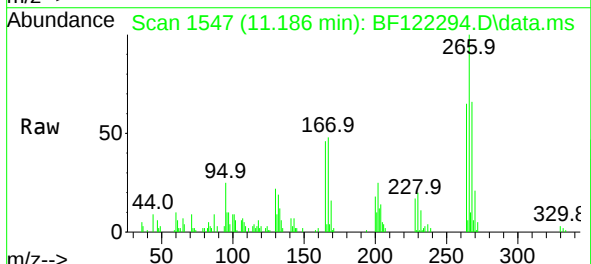
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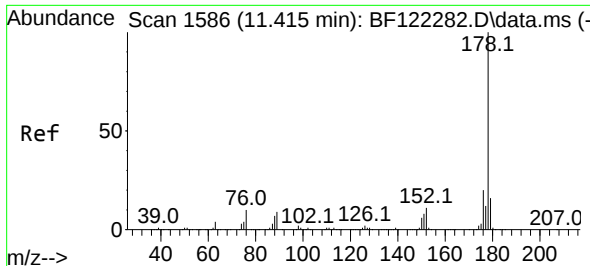
mohammad
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#70
Pentachlorophenol
Concen: 3.00 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

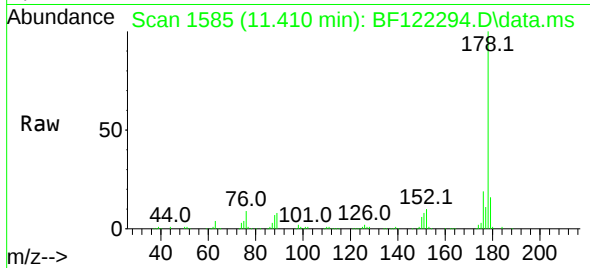
Tgt Ion:266 Resp: 24928
Ion Ratio Lower Upper
266 100
268 65.5 52.4 78.6
264 65.2 49.9 74.9





#71
Phenanthrene
Concen: 4.22 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

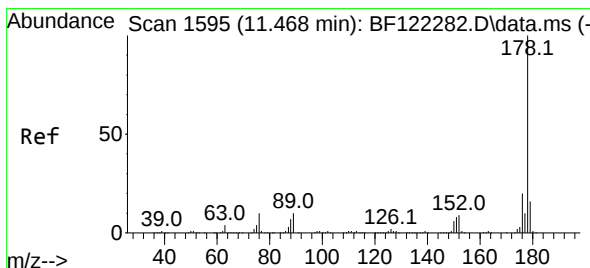
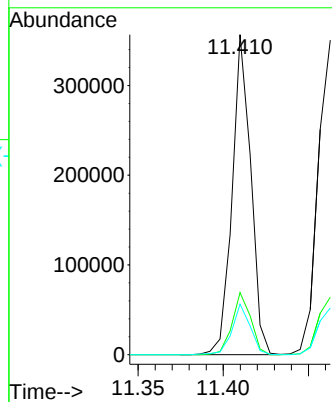
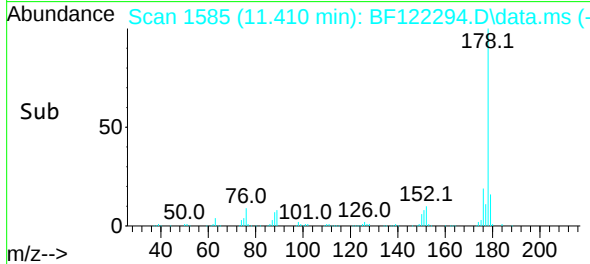
Instrument :
BNA_F
ClientSampleId :
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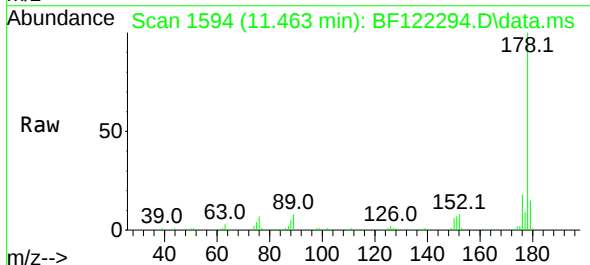
Tgt Ion:178 Resp: 272102
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.8 12.2 18.4

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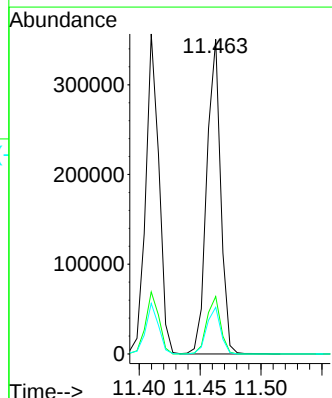
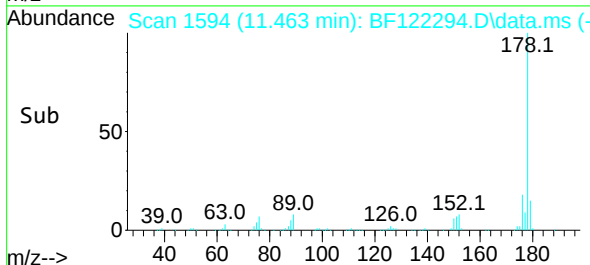
mohammad
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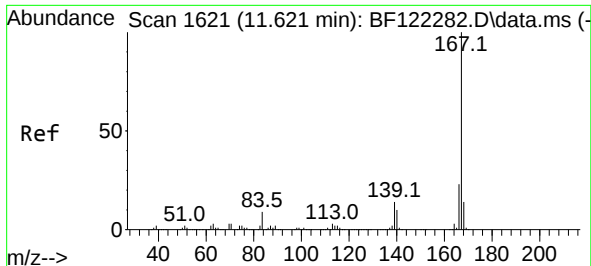


#72
Anthracene
Concen: 4.17 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



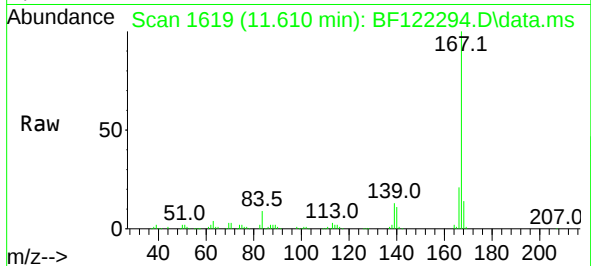
Tgt Ion:178 Resp: 276741
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 14.9 12.7 19.1





#73
 Carbazole
 Concen: 4.07 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.011 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

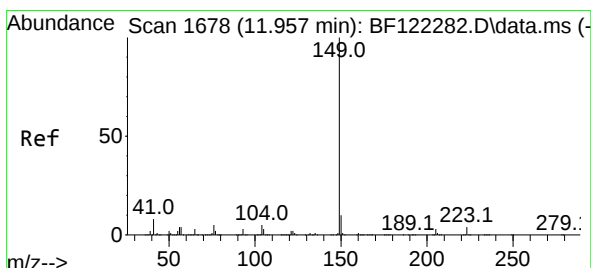
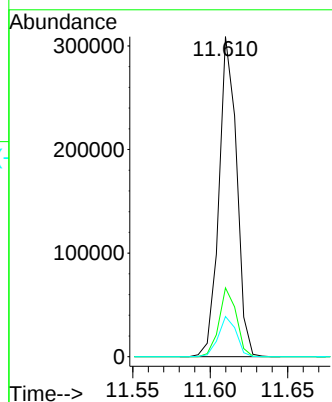
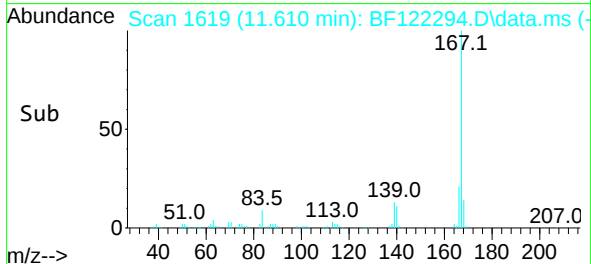
Instrument :
 BNA_F
 ClientSampleId :
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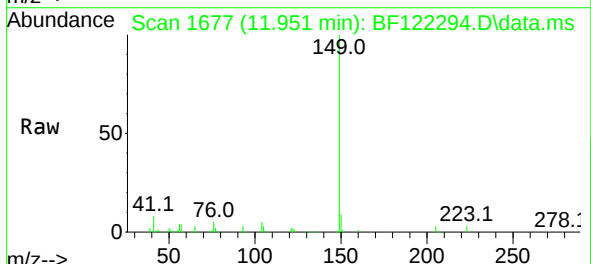
Tgt Ion:167 Resp: 245781
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.6 10.8 16.2

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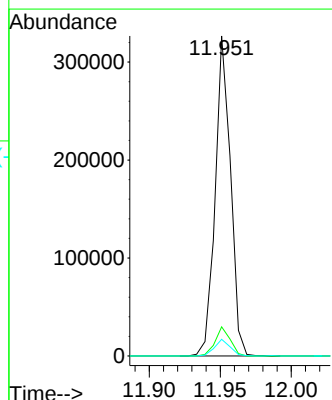
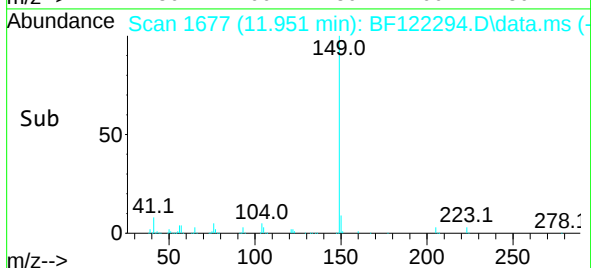
mohammad
 11/11/2020 10:31:59 AM

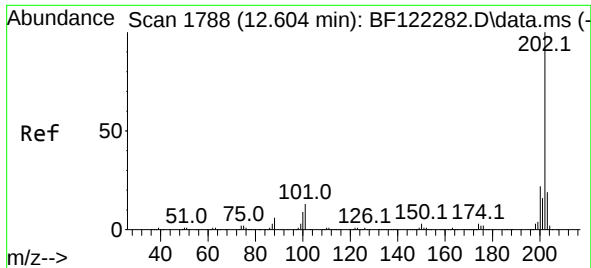


#74
 Di-n-butylphthalate
 Concen: 3.80 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49



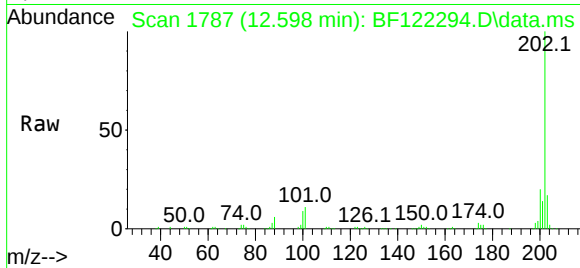
Tgt Ion:149 Resp: 244917
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 4.01 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

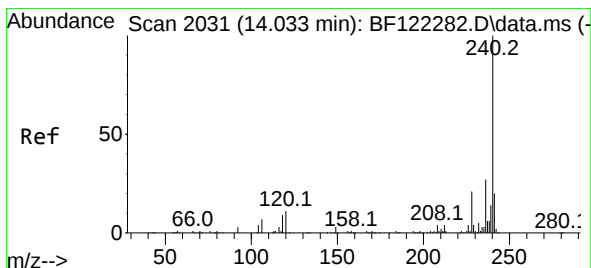
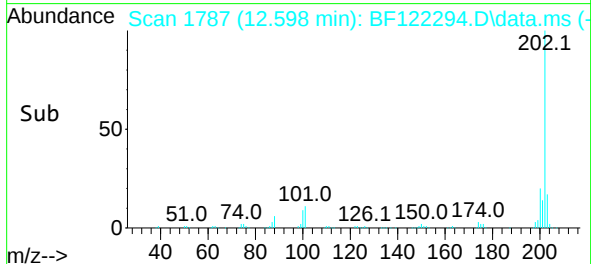
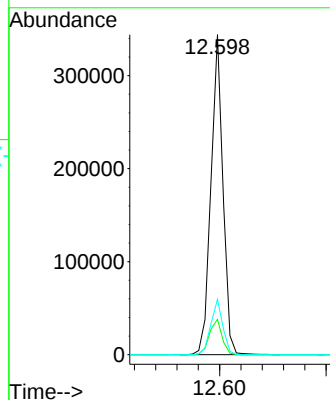
Instrument :
BNA_F
ClientSampleId :
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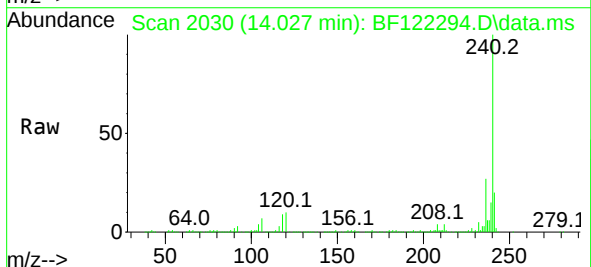
Tgt Ion:202 Resp: 269851
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.3 0.0 37.9

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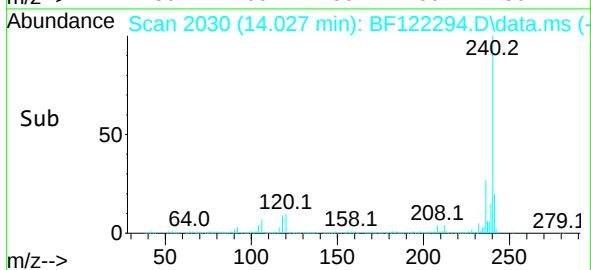
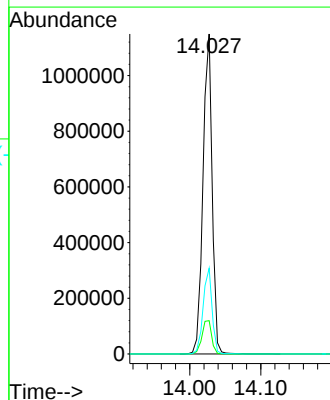
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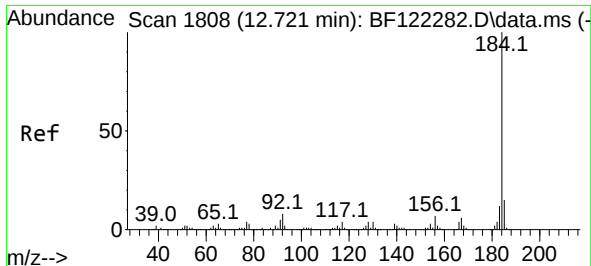


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

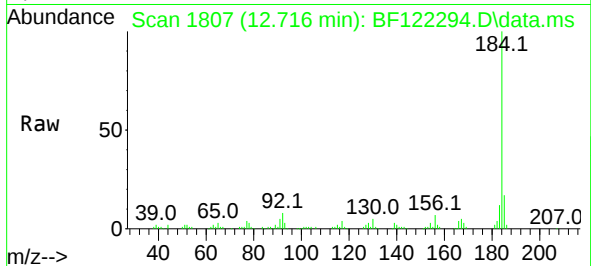


Tgt Ion:240 Resp: 1032773
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.8 20.9 31.3

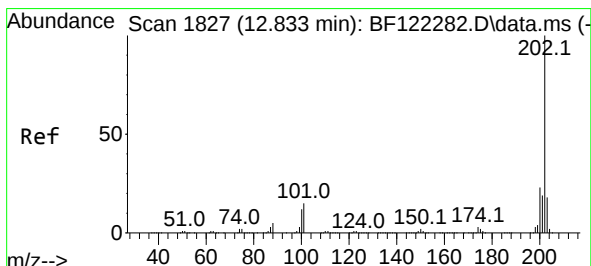
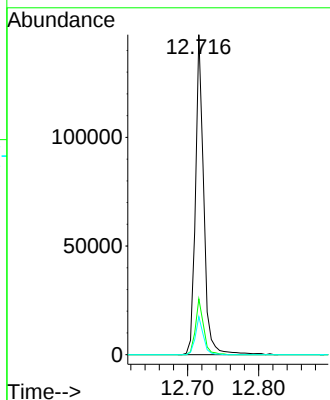
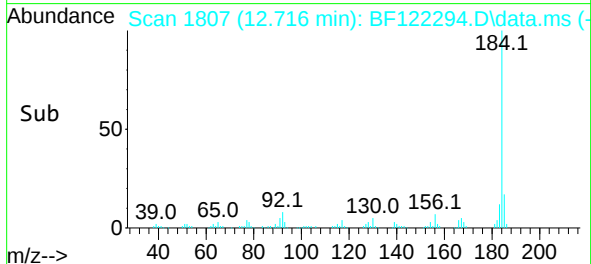




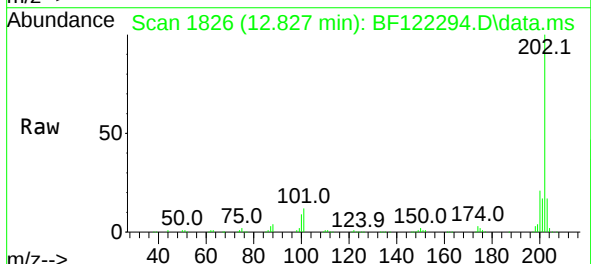
#77
Benzidine
Concen: 4.18 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



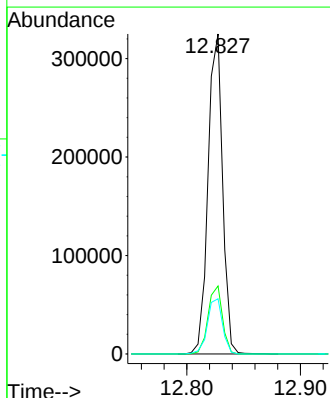
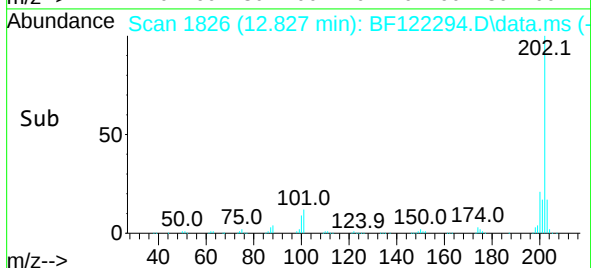
Tgt Ion:184 Resp: 119783
Ion Ratio Lower Upper
184 100
185 17.5 11.6 17.4#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 3.97 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



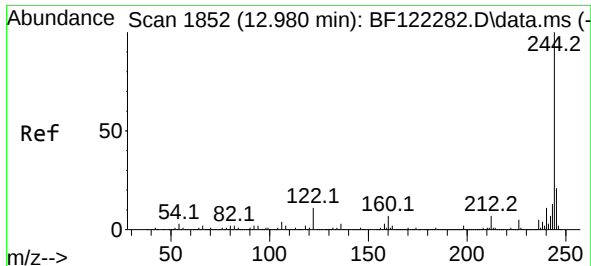
Tgt Ion:202 Resp: 288230
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.2 14.6 21.8



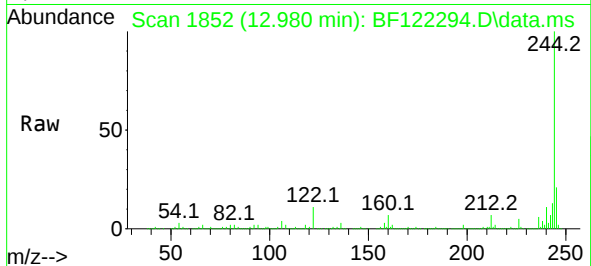
Instrument :
BNA_F
ClientSampleId :
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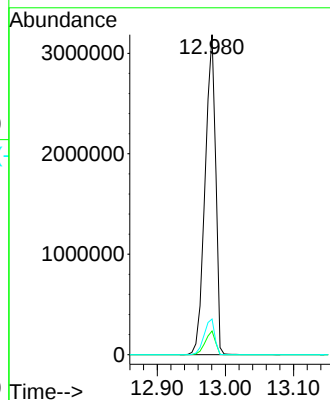
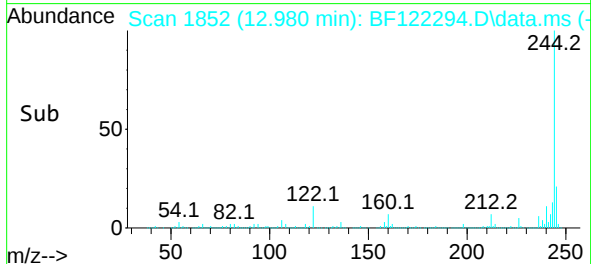
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#79
 Terphenyl-d14
 Concen: 70.22 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49



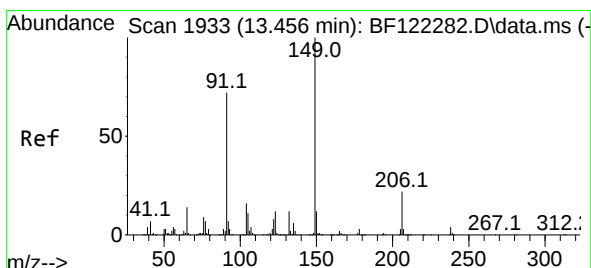
Tgt Ion:244 Resp: 3423339
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.2 8.1 12.1



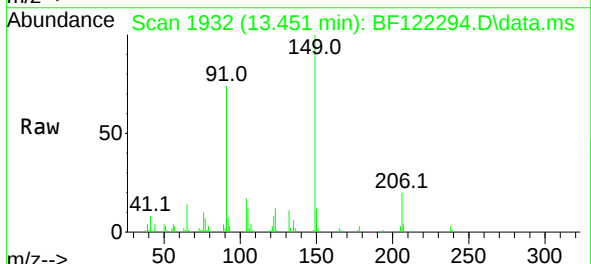
Instrument :
 BNA_F
 ClientSampleId :
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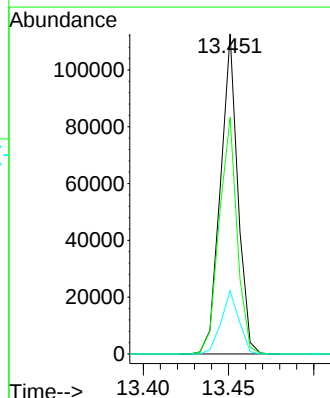
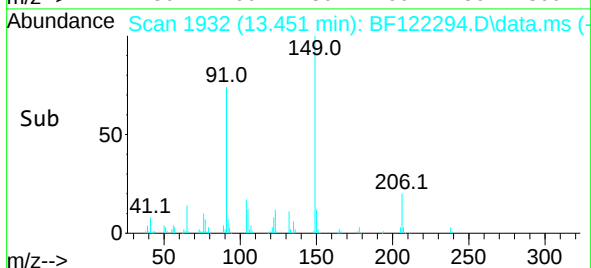
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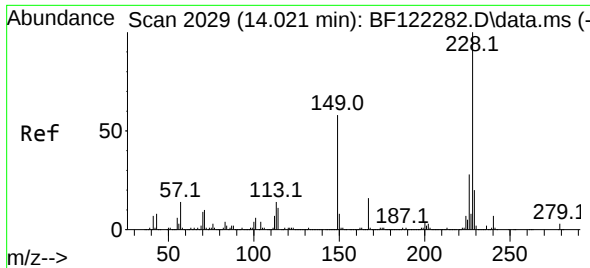


#80
 Butylbenzylphthalate
 Concen: 3.06 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122294.D
 Acq: 10 Nov 2020 12:49

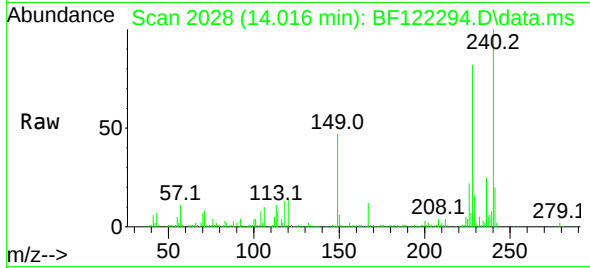


Tgt Ion:149 Resp: 79933
 Ion Ratio Lower Upper
 149 100
 91 73.9 61.0 91.4
 206 19.7 16.7 25.1

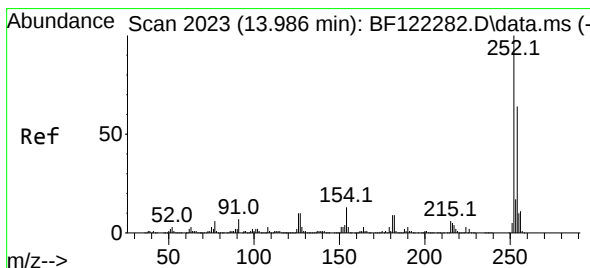
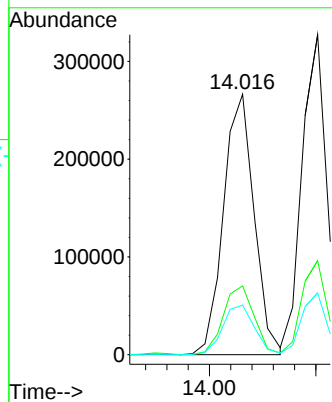
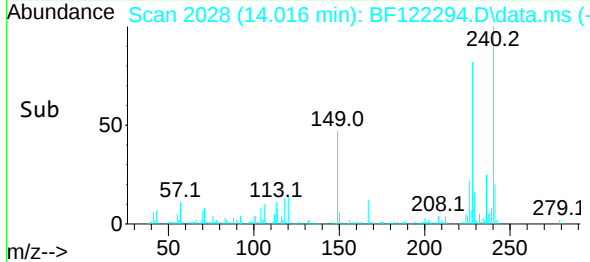




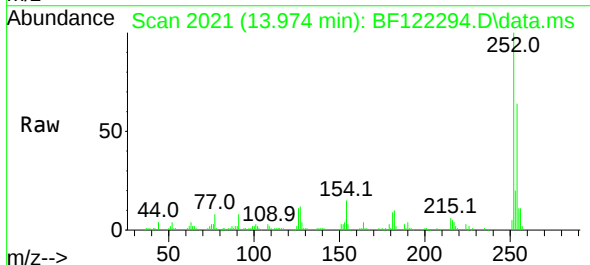
#81
Benzo(a)anthracene
Concen: 4.15 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



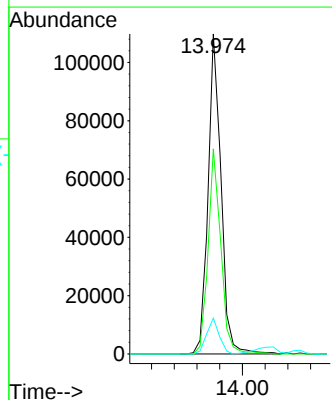
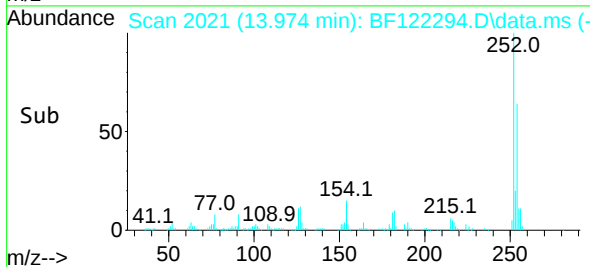
Tgt Ion:228 Resp: 266532
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.0 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 3.63 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



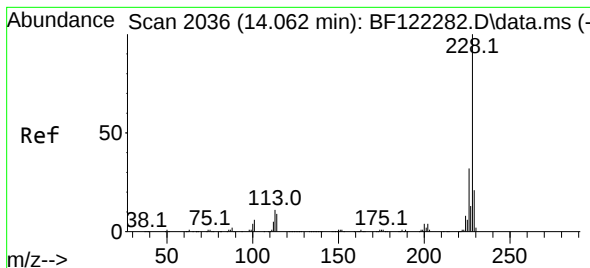
Tgt Ion:252 Resp: 86837
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 11.2 8.8 13.2



Instrument :
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ClientSampleId :
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#83

Chrysene

Concen: 4.14 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.011 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

Tgt Ion:228 Resp: 267824

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

229 19.3 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

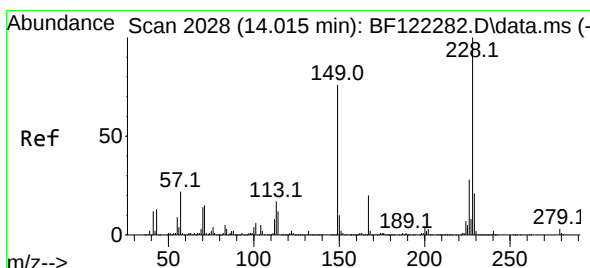
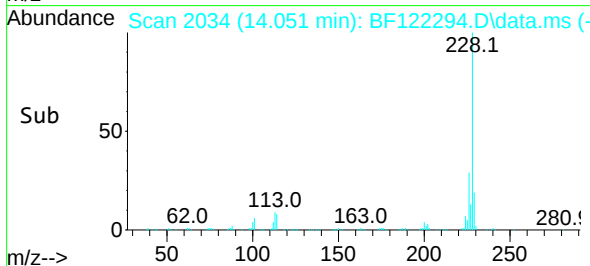
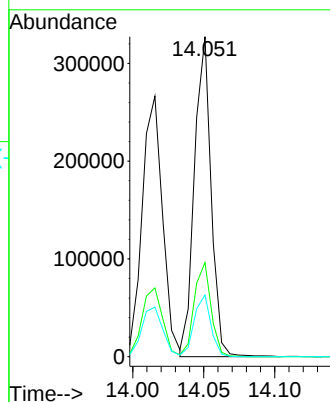
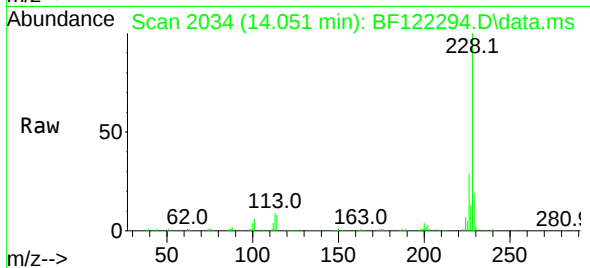
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#84

Bis(2-ethylhexyl)phthalate

Concen: 3.60 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF122294.D

Acq: 10 Nov 2020 12:49

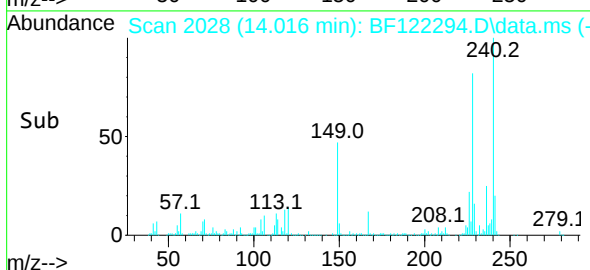
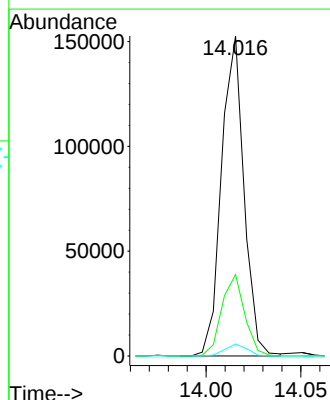
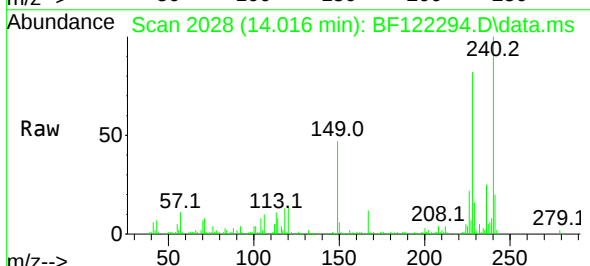
Tgt Ion:149 Resp: 126072

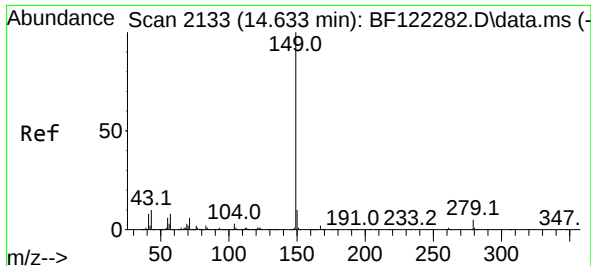
Ion Ratio Lower Upper

149 100

167 25.5 20.9 31.3

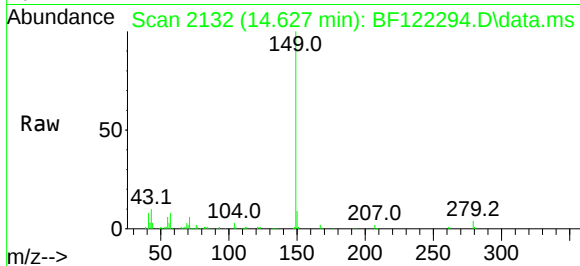
279 3.7 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 2.96 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

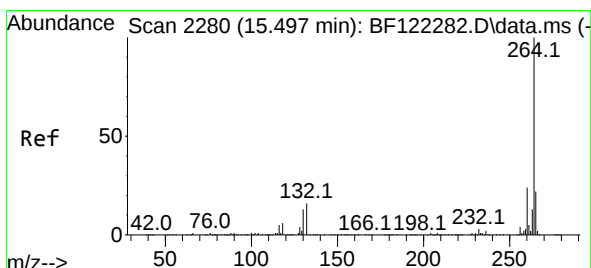
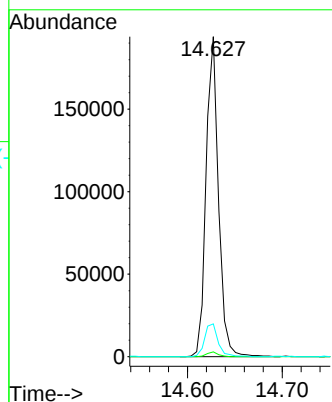
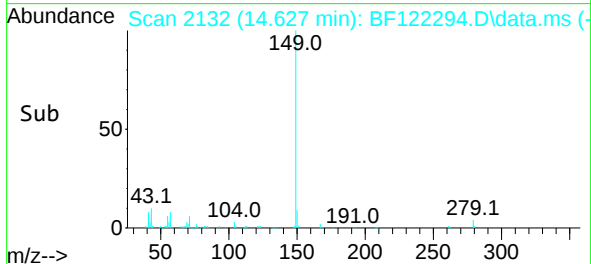
Instrument :
BNA_F
ClientSampleId :
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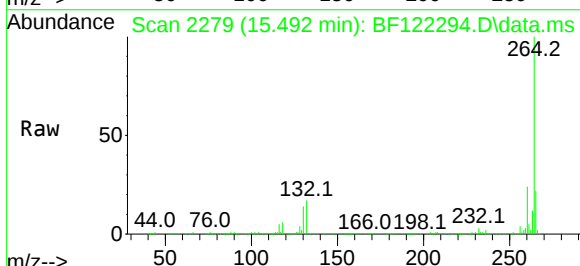
Tgt Ion:149 Resp: 175666
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.6

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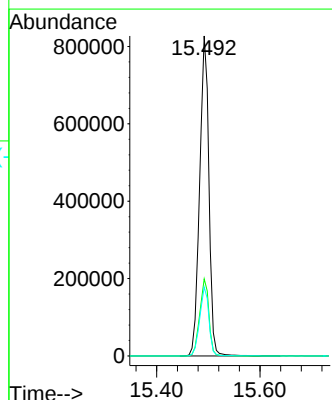
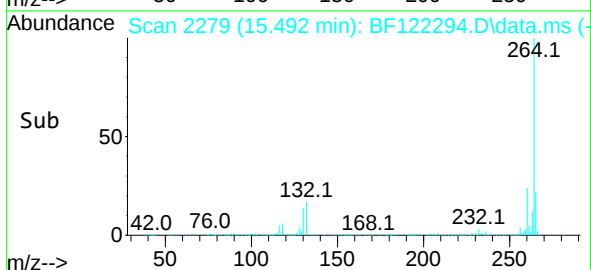
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



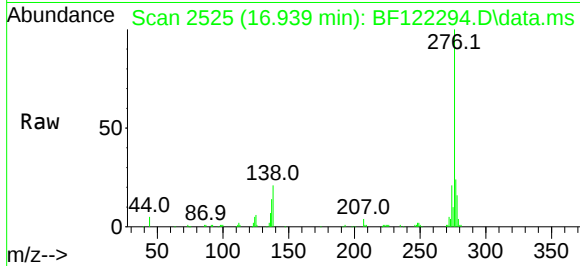
Tgt Ion:264 Resp: 1028379
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.5 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

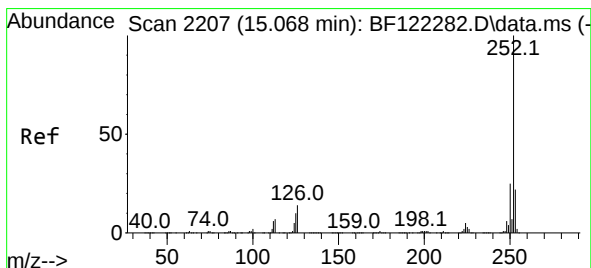
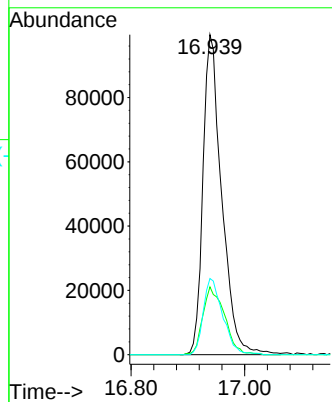
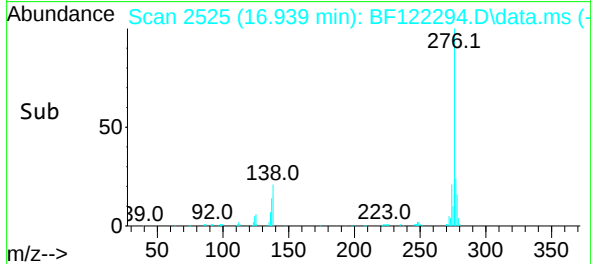
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020



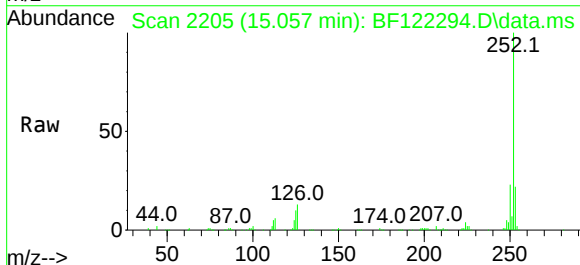
Tgt Ion:276 Resp: 228036
Ion Ratio Lower Upper
276 100
138 24.5 19.9 29.9
277 24.7 20.4 30.6

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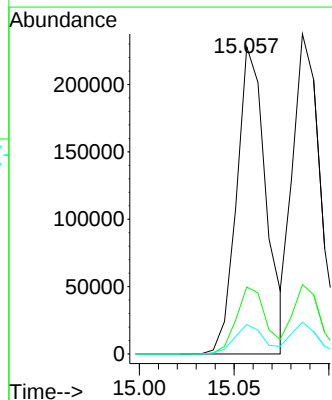
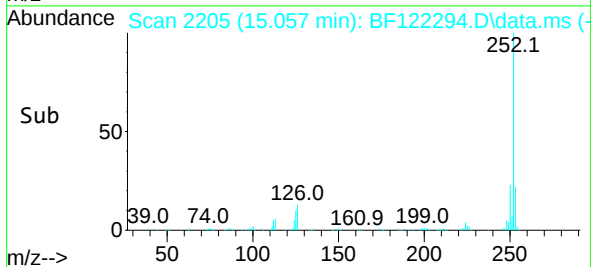
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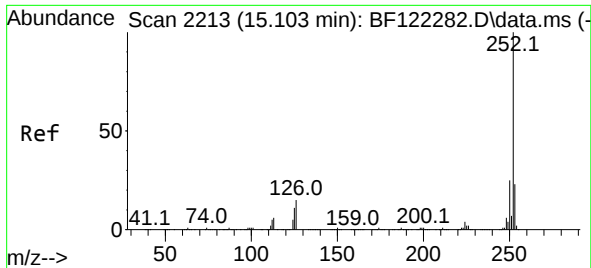


#88
Benzo(b)fluoranthene
Concen: 3.69 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.011 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49



Tgt Ion:252 Resp: 245921
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 9.6 8.0 12.0





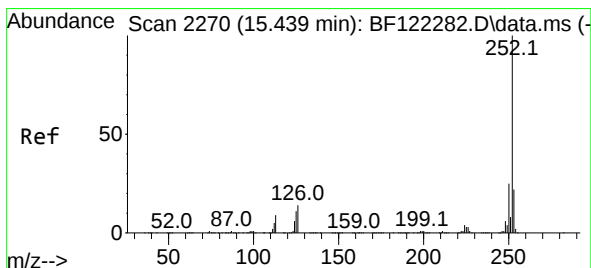
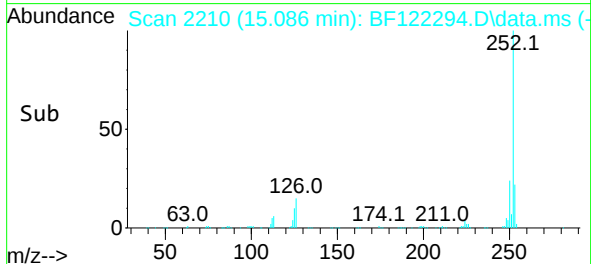
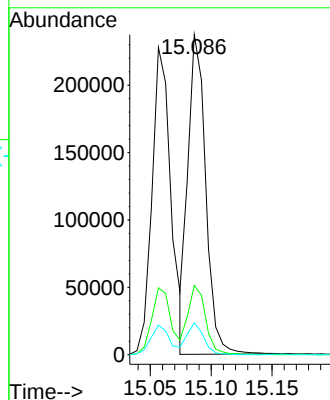
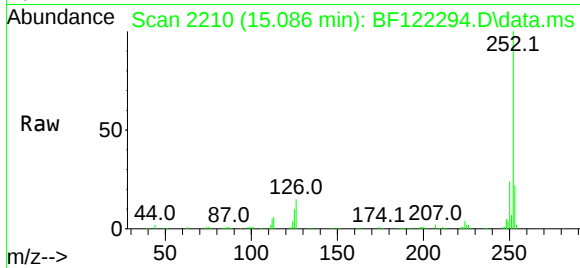
#89
Benzo(k)fluoranthene
Concen: 3.71 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:252 Resp: 241162
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.0 7.7 11.5

Instrument :
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ClientSampleId :
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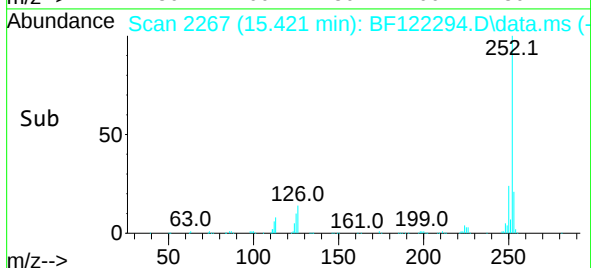
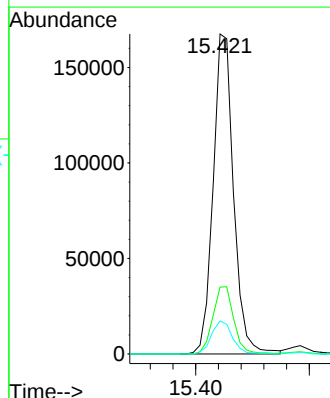
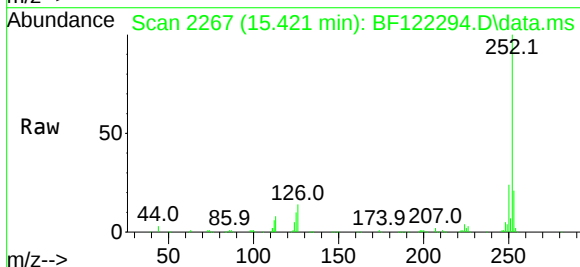
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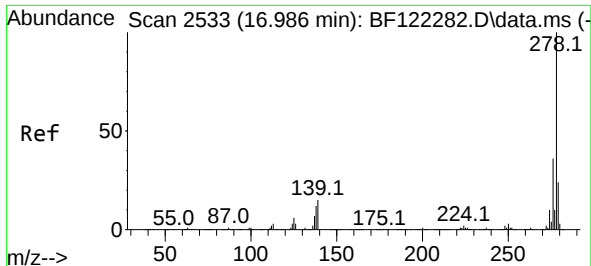
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#90
Benzo(a)pyrene
Concen: 3.60 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.017 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion:252 Resp: 209123
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 10.3 8.6 13.0





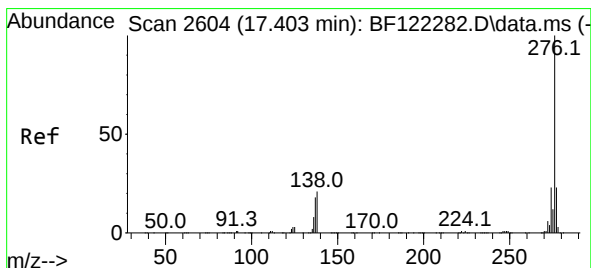
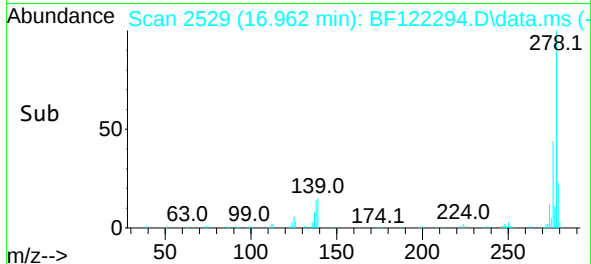
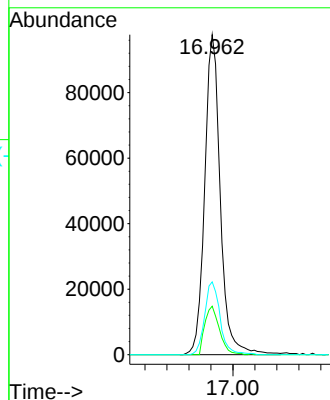
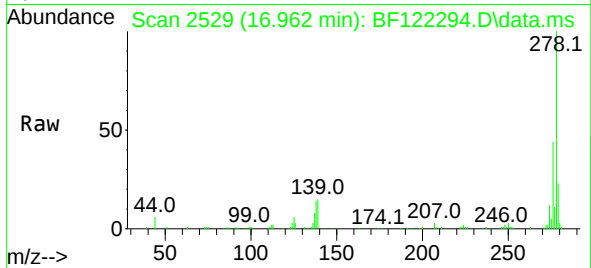
#91
Dibenzo(a,h)anthracene
Concen: 3.73 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 278 Resp: 192615
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 22.8 19.0 28.4

Instrument :
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ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 3.72 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF122294.D
Acq: 10 Nov 2020 12:49

Tgt Ion: 276 Resp: 187111
Ion Ratio Lower Upper
276 100
277 22.6 19.4 29.2
138 19.9 17.8 26.6

