

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139186.D
 Acq On : 27 Aug 2024 14:48
 Operator : RC/JU
 Sample : P3742-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-CONCRETE-082624

Quant Time: Aug 27 15:28:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

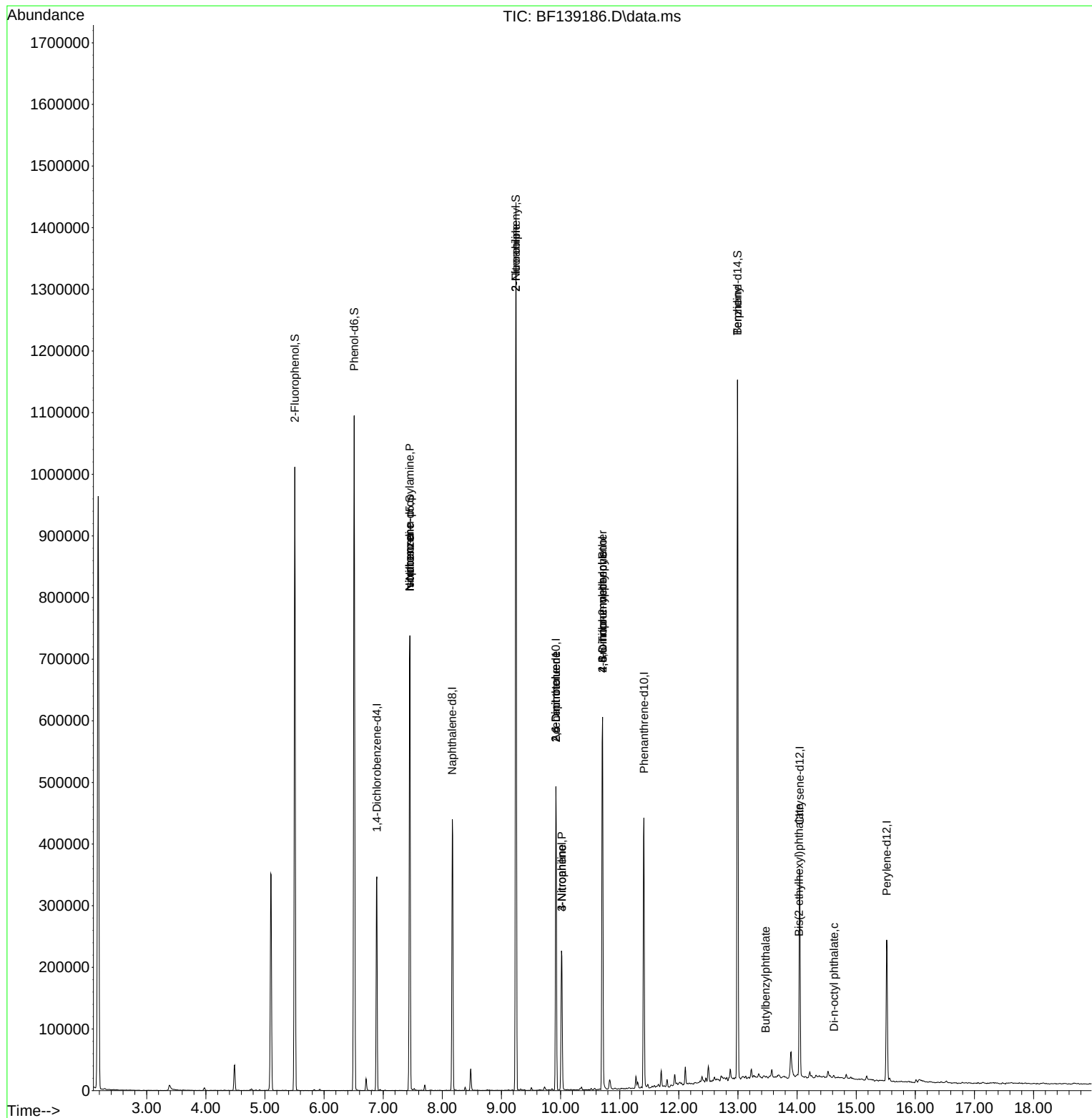
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	69537	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	253413	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	139563	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	222957	20.000	ng	0.00
76) Chrysene-d12	14.045	240	151184	20.000	ng	0.00
86) Perylene-d12	15.515	264	133164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	334595	80.855	ng	0.00
7) Phenol-d6	6.510	99	469637	82.692	ng	-0.01
23) Nitrobenzene-d5	7.451	82	322680	70.543	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	91573	76.612	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	585408	65.157	ng	0.00
79) Terphenyl-d14	12.992	244	521943	53.868	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	44043	12.966	ng	# 78
24) Nitrobenzene	7.451	77	1070	3.443	ng	# 41
25) Isophorone	7.451	82	322286	35.628	ng	# 68
48) 2-Nitroaniline	9.245	65	1220	6.231	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	17917	14.455	ng	# 15
53) 3-Nitroaniline	10.022	138	2037	5.488	ng	# 1
56) 4-Nitrophenol	10.022	139	128	5.241	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	17917	13.104	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	195	7.117	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	6120	2.583	ng	# 1
77) Benzidine	12.992	184	7276	2.852	ng	# 95
80) Butylbenzylphthalate	13.468	149	829	4.734	ng	# 56
84) Bis(2-ethylhexyl)phtha...	14.033	149	802	3.429	ng	# 54
85) Di-n-octyl phthalate	14.627	149	30	8.956	ng	# 1

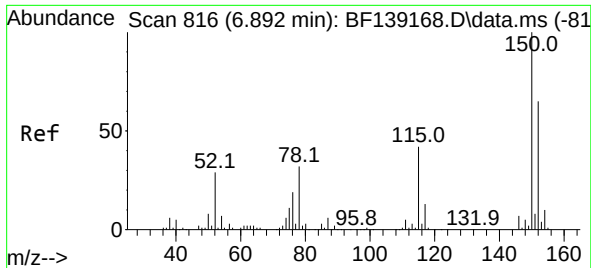
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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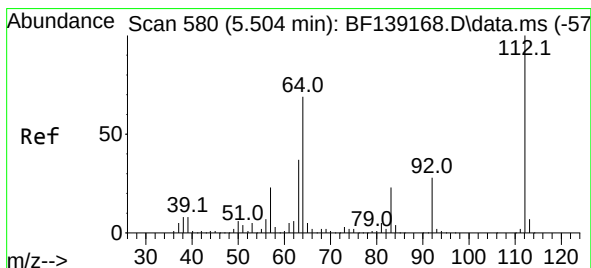
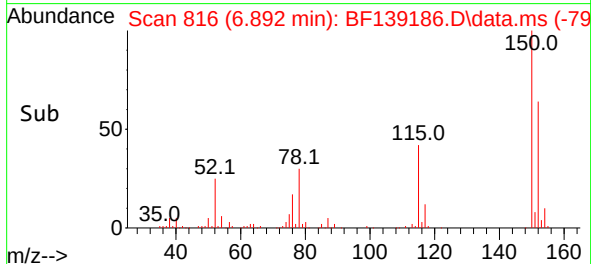
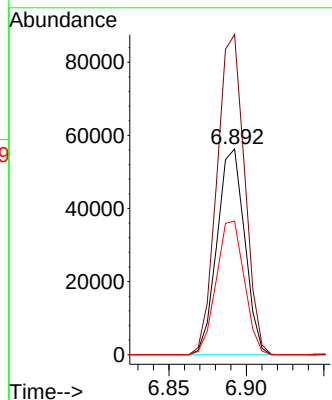
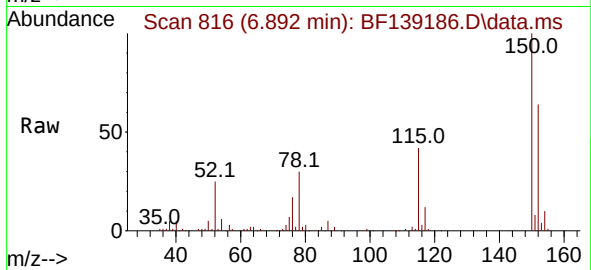




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF139186.D
 Acq: 27 Aug 2024 14:48

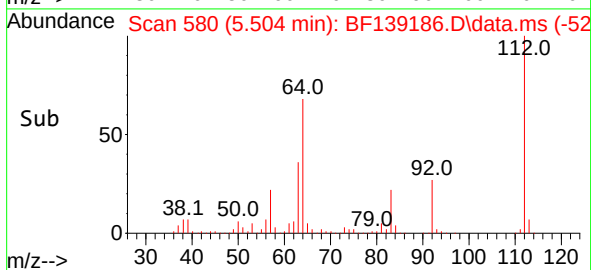
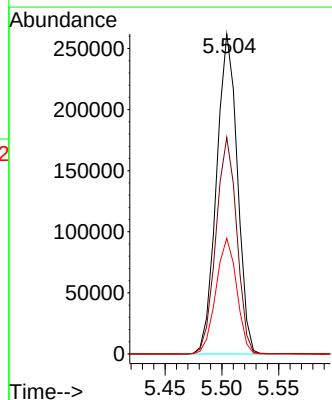
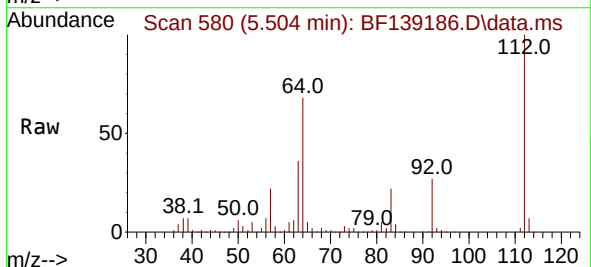
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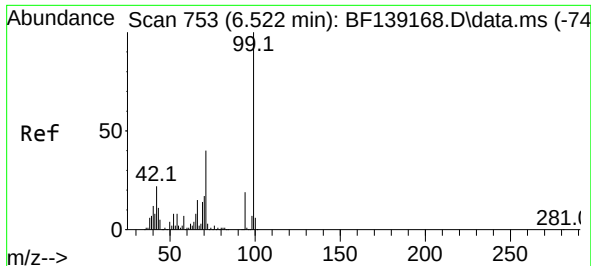
Tgt Ion:152 Resp: 69537
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 64.9 51.8 77.8



#5
 2-Fluorophenol
 Concen: 80.855 ng
 RT: 5.504 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: BF139186.D
 Acq: 27 Aug 2024 14:48

Tgt Ion:112 Resp: 334595
 Ion Ratio Lower Upper
 112 100
 64 67.7 55.5 83.3
 63 36.2 29.8 44.6

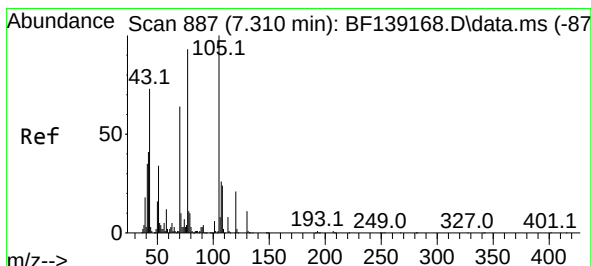
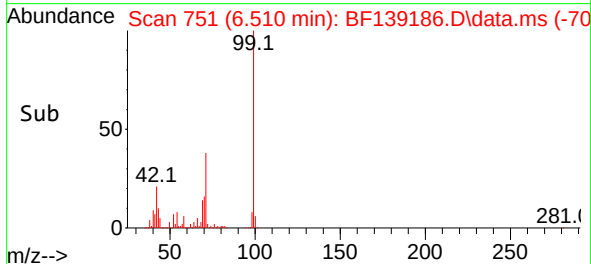
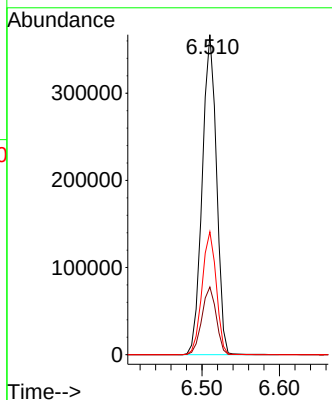
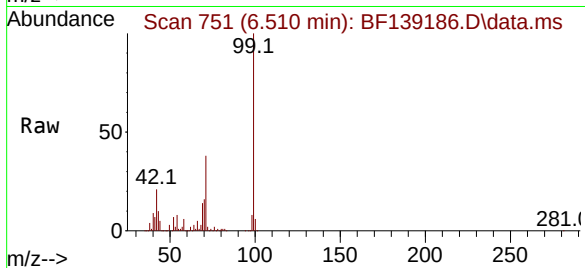




#7
Phenol-d6
Concen: 82.692 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

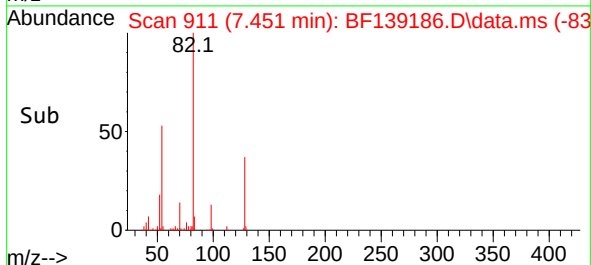
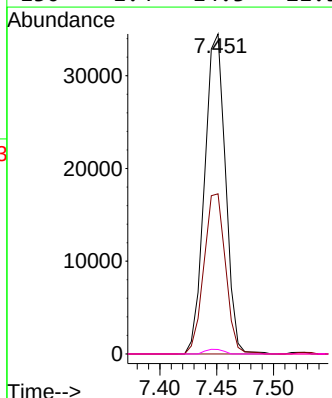
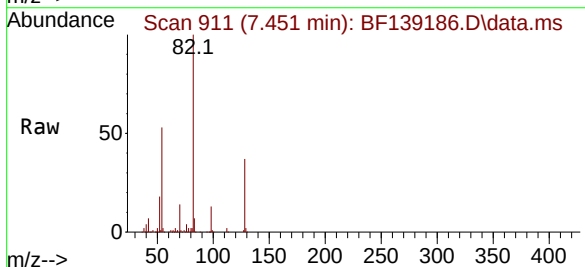
Instrument :
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ClientSampleId :
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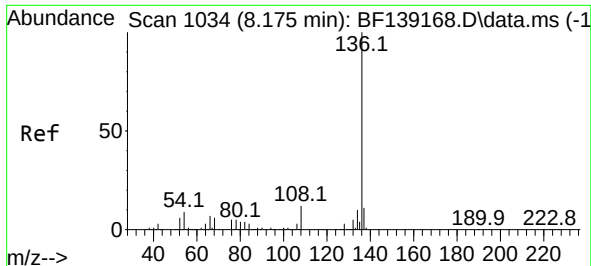
Tgt Ion: 99 Resp: 469637
Ion Ratio Lower Upper
99 100
42 21.1 17.9 26.9
71 38.4 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.966 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion: 70 Resp: 44043
Ion Ratio Lower Upper
70 100
42 50.1 50.8 76.2#
101 0.0 7.4 11.0#
130 1.4 14.3 21.5#

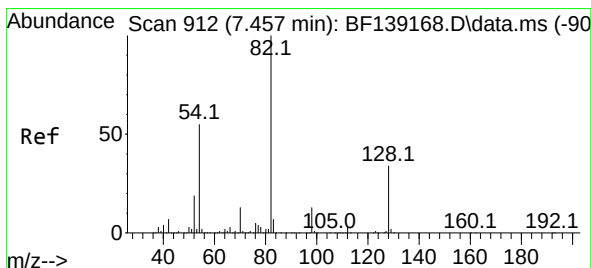
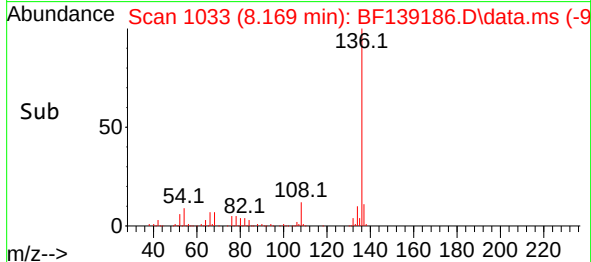
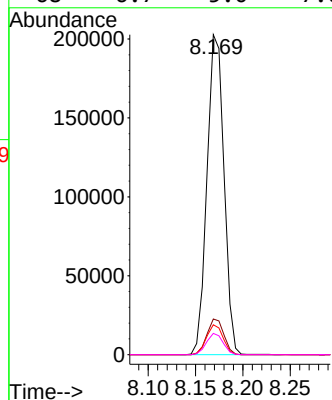
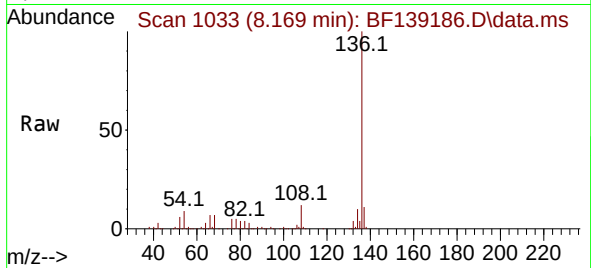




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

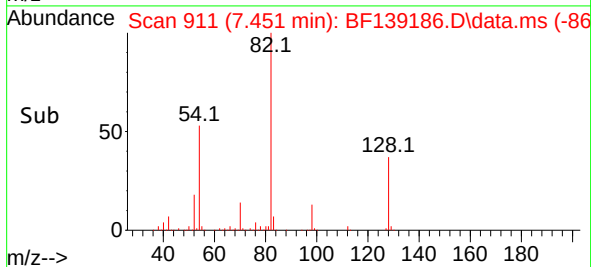
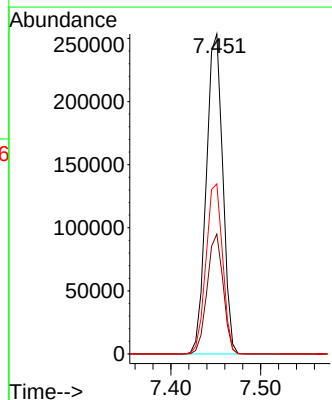
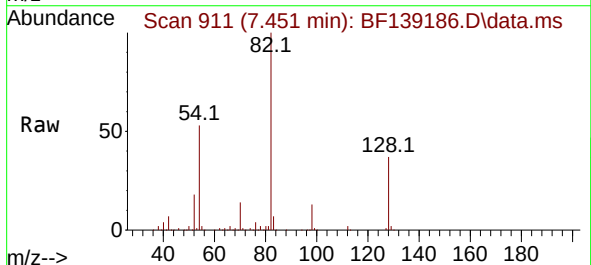
Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

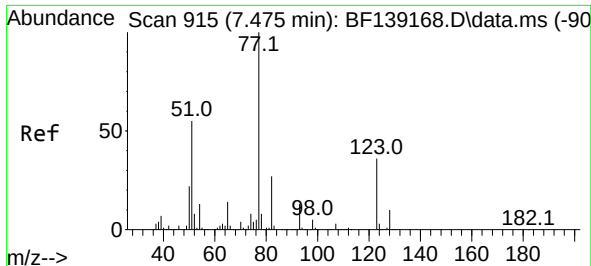
Tgt Ion:136 Resp: 253413
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.4 7.6 11.4
68 6.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 70.543 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion: 82 Resp: 322680
Ion Ratio Lower Upper
82 100
128 37.4 27.1 40.7
54 53.1 44.2 66.4

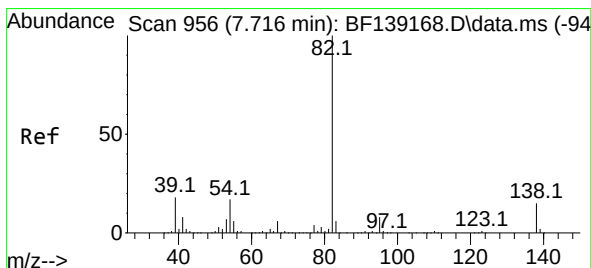
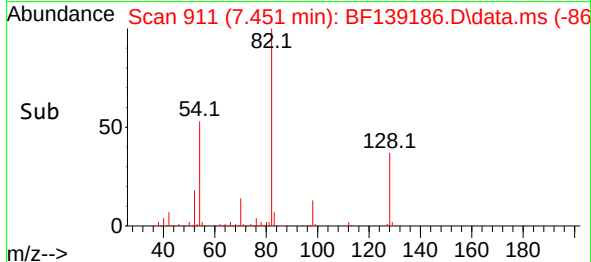
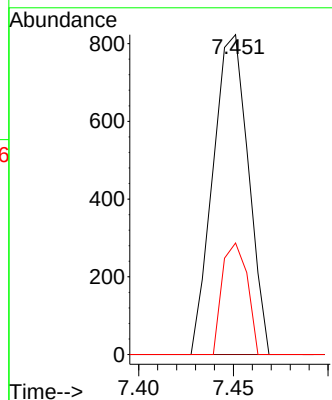
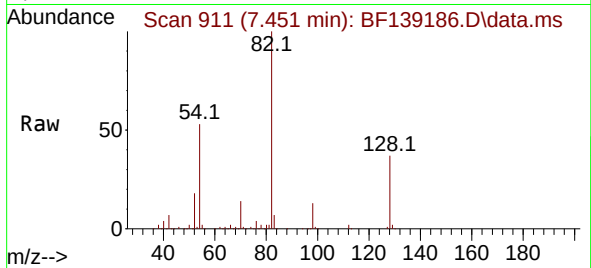




#24
Nitrobenzene
Concen: 3.443 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

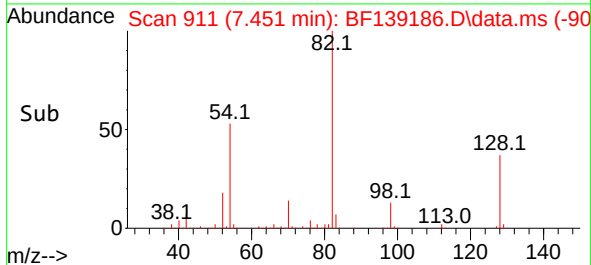
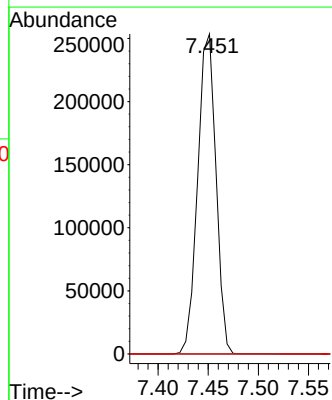
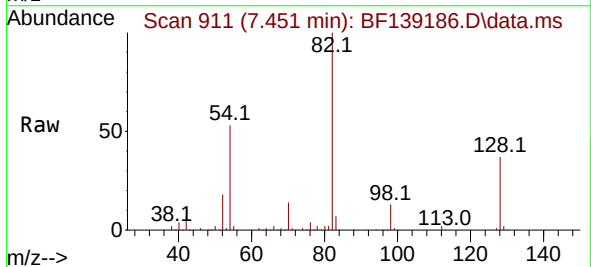
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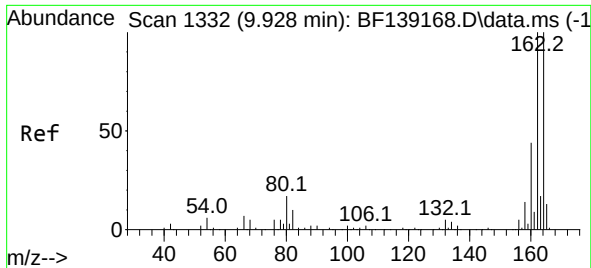
Tgt Ion: 77 Resp: 1070
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 34.9 10.9 16.3#



#25
Isophorone
Concen: 35.628 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion: 82 Resp: 322286
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

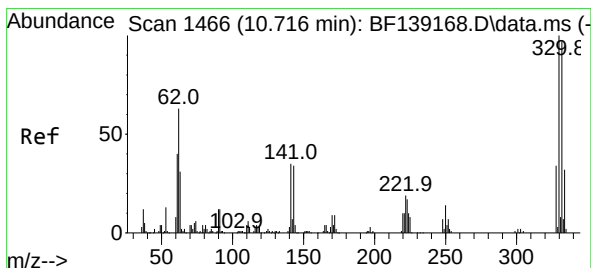
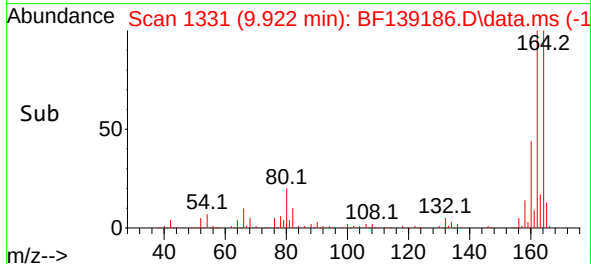
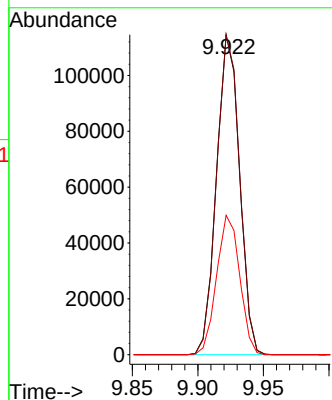
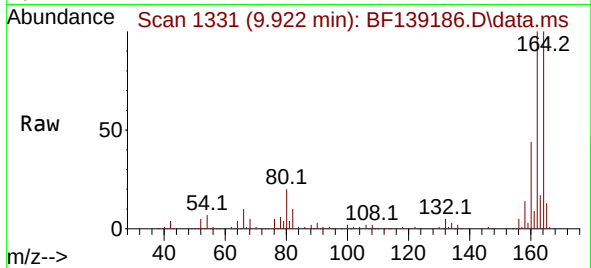




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

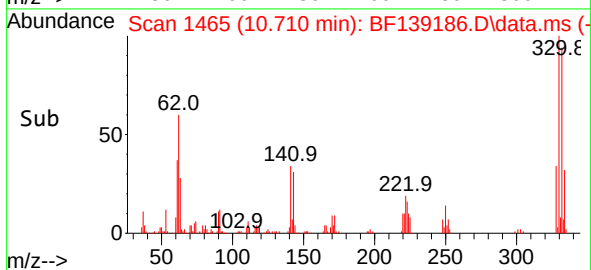
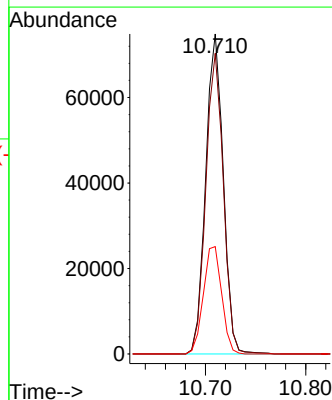
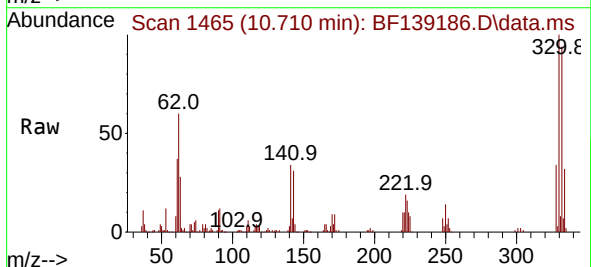
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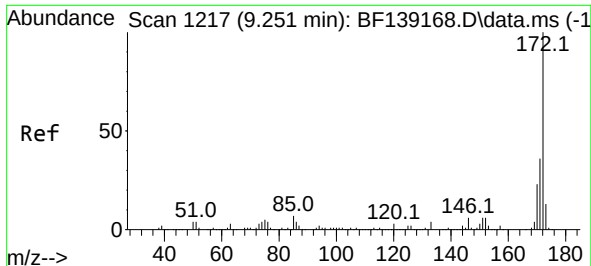
Tgt Ion:164 Resp: 139563
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 43.6 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 76.612 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:330 Resp: 91573
Ion Ratio Lower Upper
330 100
332 93.9 77.3 115.9
141 35.0 28.8 43.2

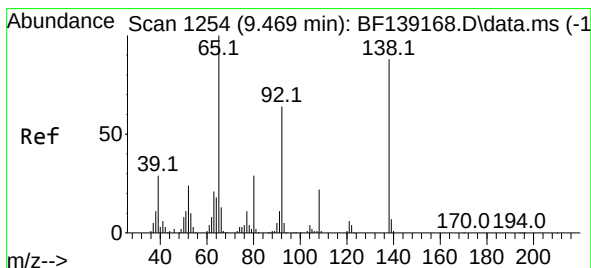
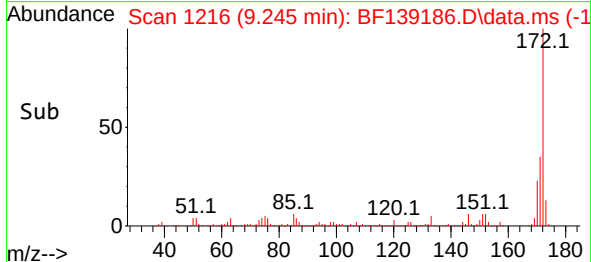
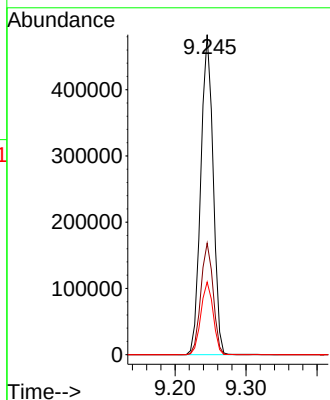
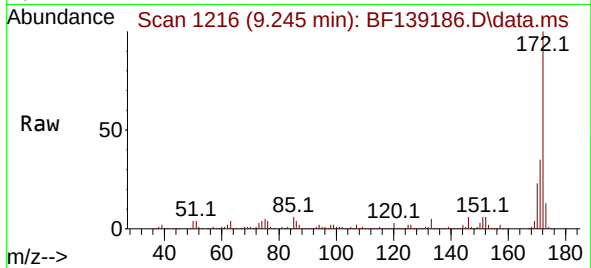




#45
2-Fluorobiphenyl
Concen: 65.157 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

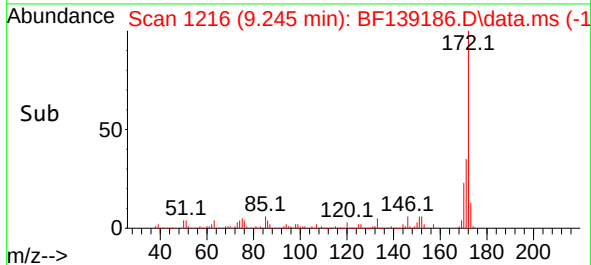
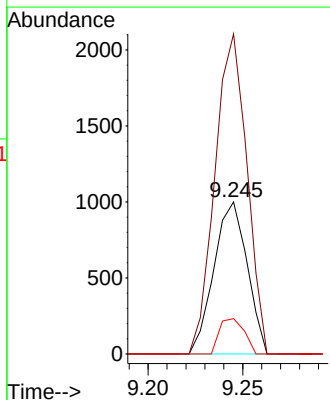
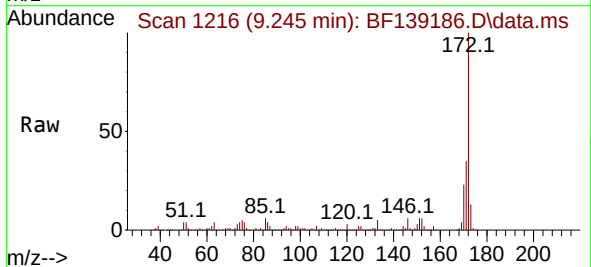
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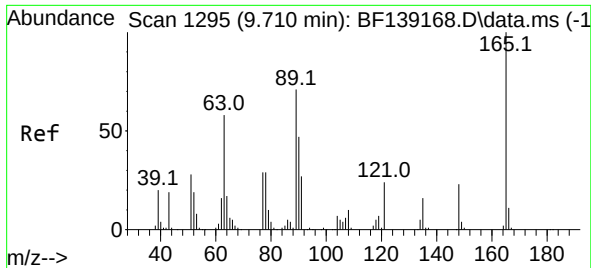
Tgt Ion:172 Resp: 585408
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 22.7 18.8 28.2



#48
2-Nitroaniline
Concen: 6.231 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion: 65 Resp: 1220
Ion Ratio Lower Upper
65 100
92 210.5 51.2 76.8#
138 23.3 70.0 105.0#

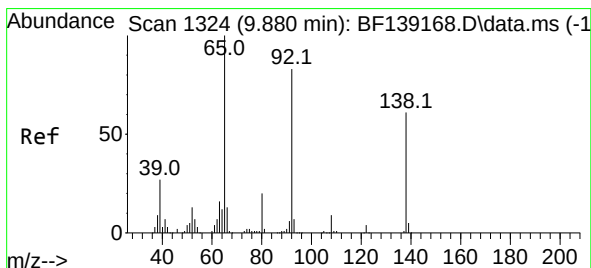
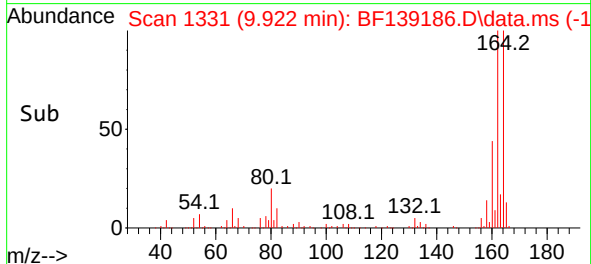
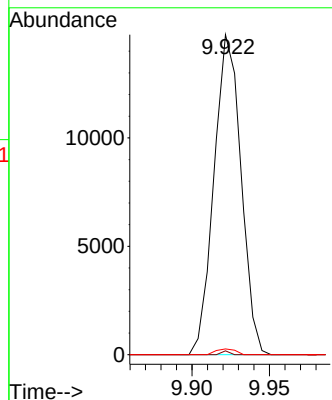
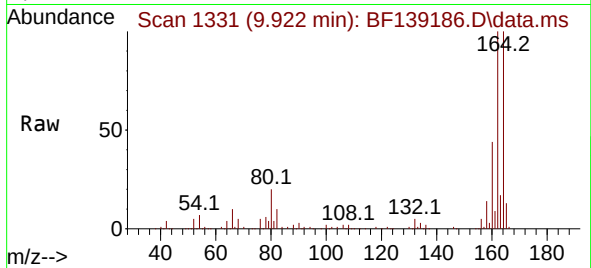




#51
2,6-Dinitrotoluene
Concen: 14.455 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

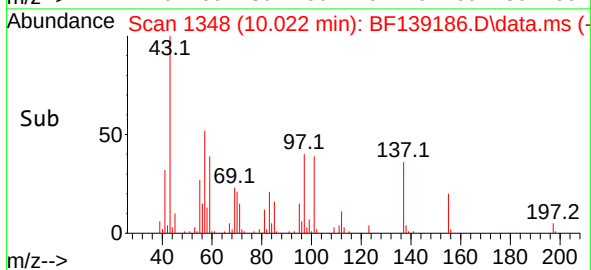
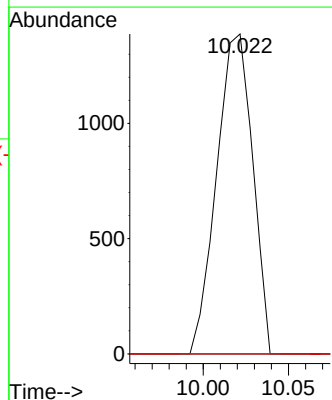
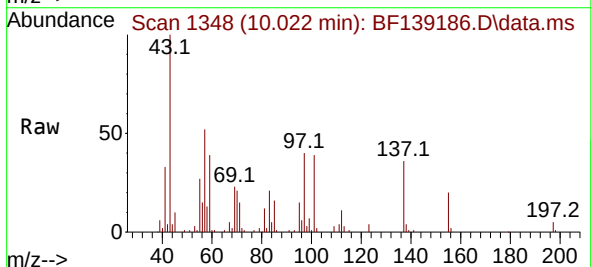
Instrument :
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ClientSampleId :
BP-CONCRETE-082624

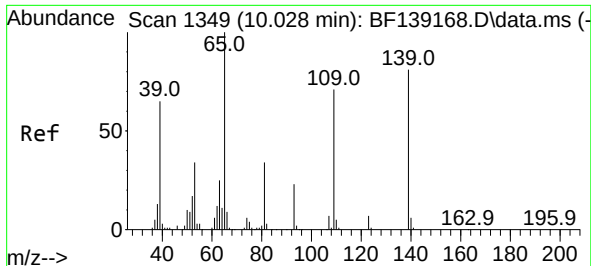
Tgt Ion:165 Resp: 17917
Ion Ratio Lower Upper
165 100
63 1.2 60.1 90.1#
89 1.8 57.0 85.6#



#53
3-Nitroaniline
Concen: 5.488 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.142 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:138 Resp: 2037
Ion Ratio Lower Upper
138 100
108 0.0 11.8 17.6#
92 0.0 108.2 162.2#

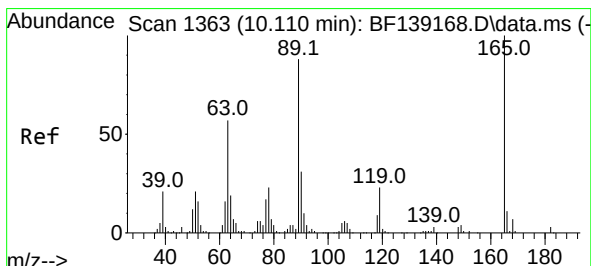
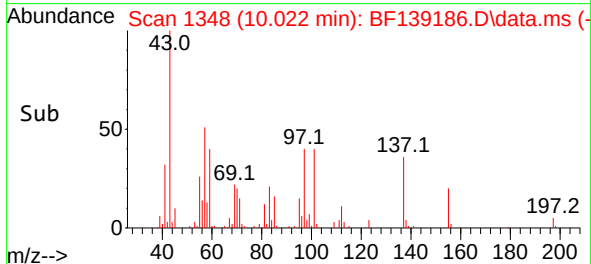
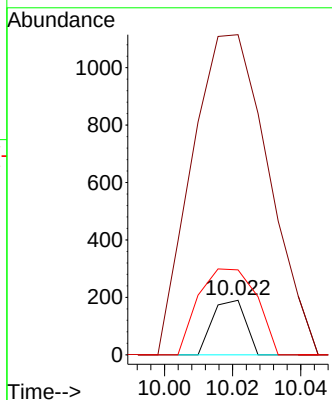
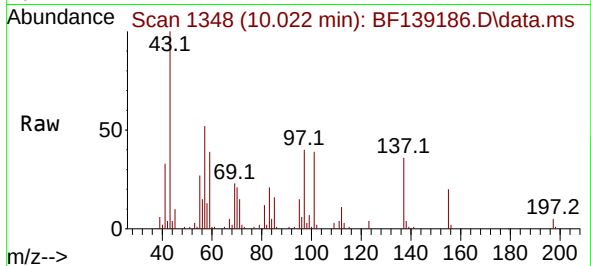




#56
4-Nitrophenol
Concen: 5.241 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

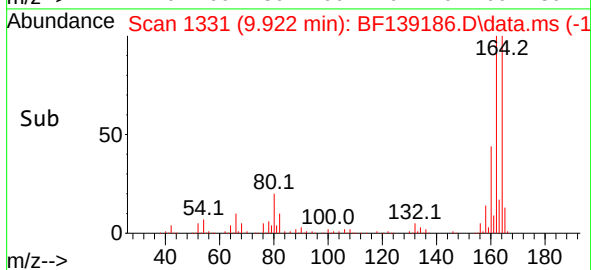
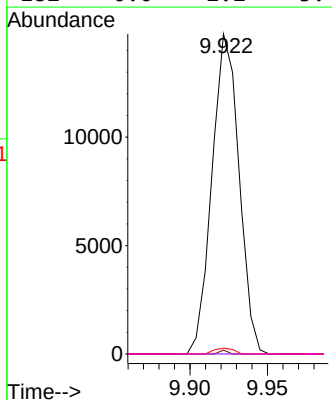
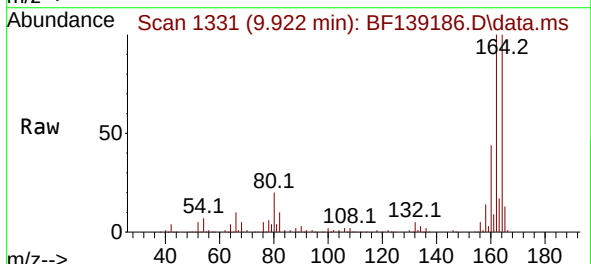
Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

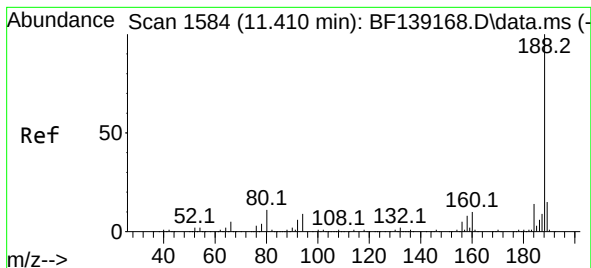
Tgt Ion:139 Resp: 128
Ion Ratio Lower Upper
139 100
109 586.8 68.2 108.2#
65 155.8 104.7 144.7#



#57
2,4-Dinitrotoluene
Concen: 13.104 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:165 Resp: 17917
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.8 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

BP-CONCRETE-082624

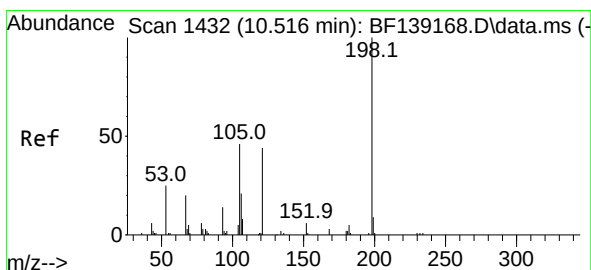
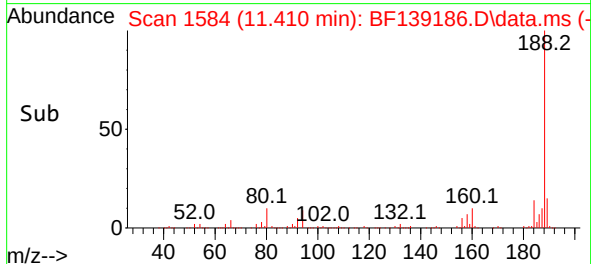
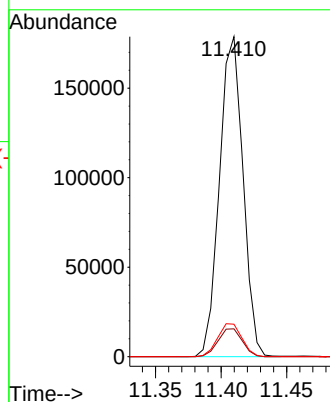
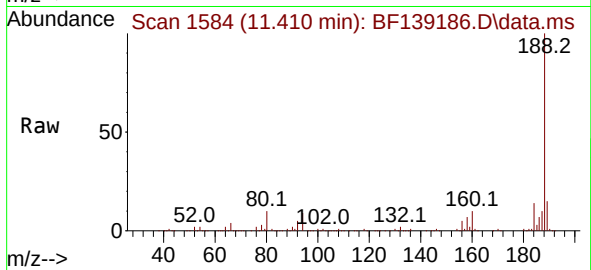
Tgt Ion:188 Resp: 222957

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 10.2 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.117 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

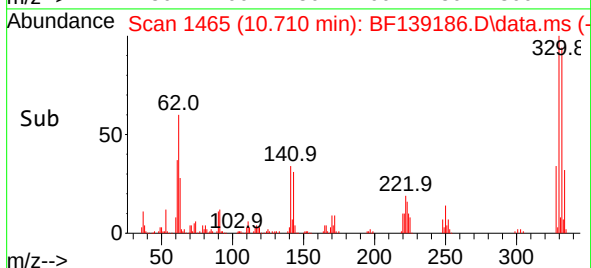
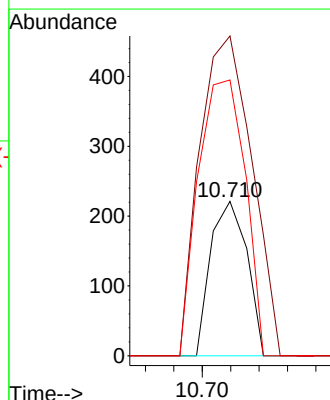
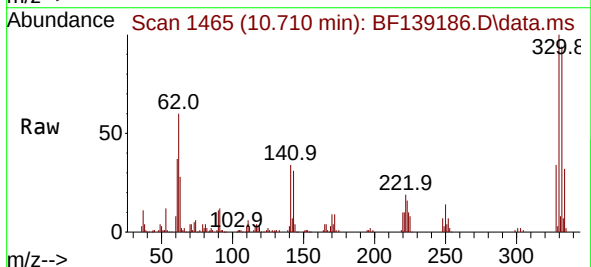
Tgt Ion:198 Resp: 195

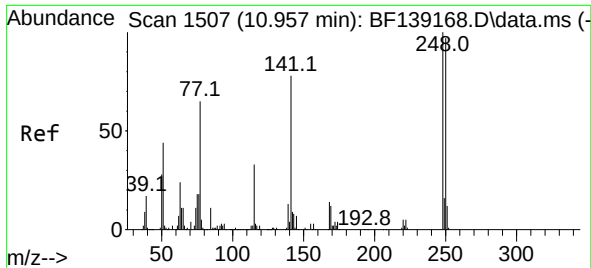
Ion Ratio Lower Upper

198 100

51 207.2 39.2 79.2#

105 178.7 29.3 69.3#

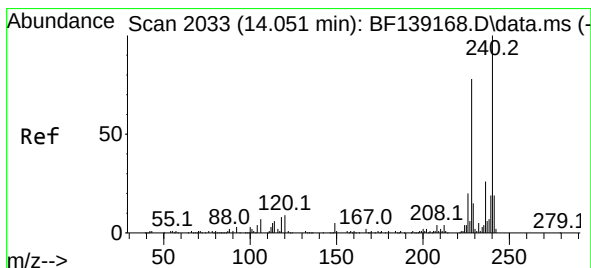
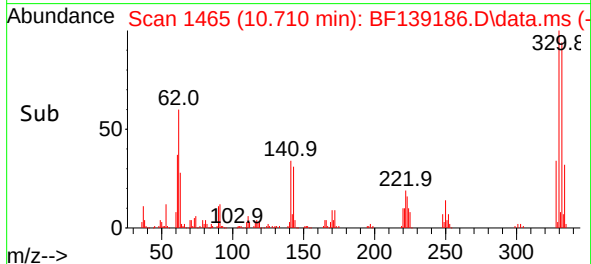
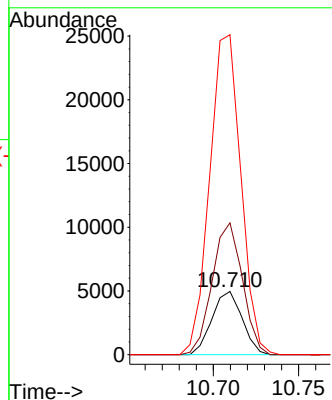
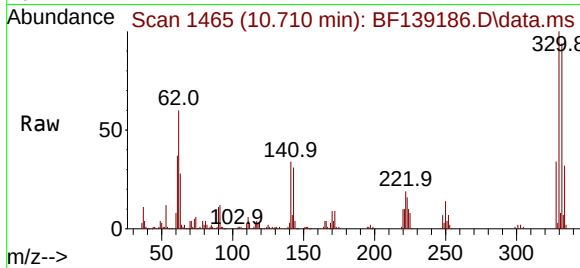




#67
4-Bromophenyl-phenylether
Concen: 2.583 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

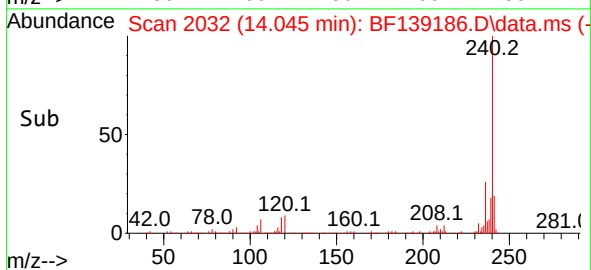
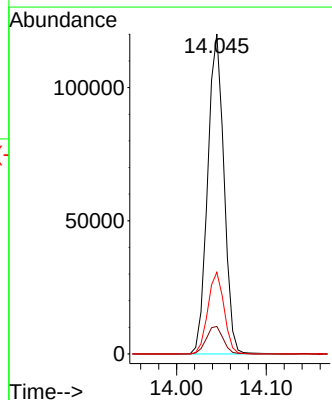
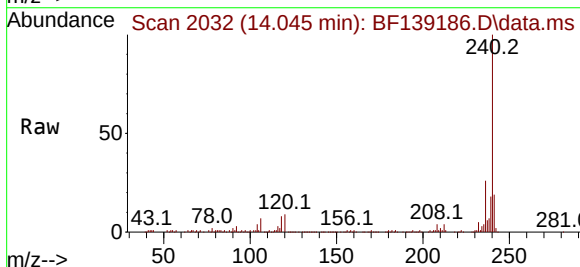
Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

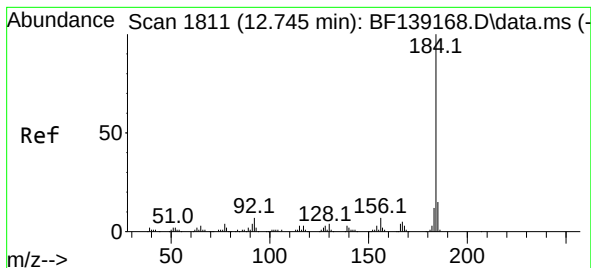
Tgt Ion:248 Resp: 6120
Ion Ratio Lower Upper
248 100
250 208.5 78.0 117.0#
141 506.3 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:240 Resp: 151184
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.6 20.9 31.3





#77

Benzidine

Concen: 2.852 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

Instrument :

BNA_F

ClientSampleId :

BP-CONCRETE-082624

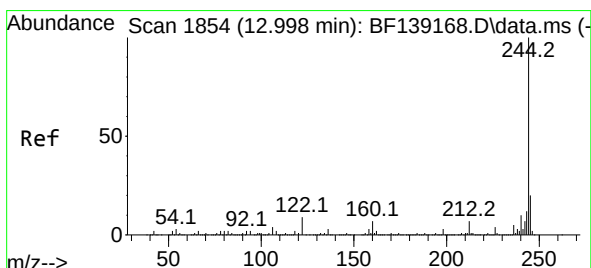
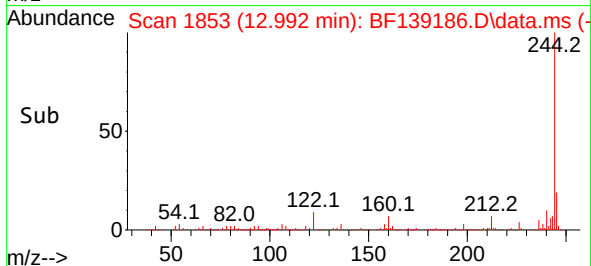
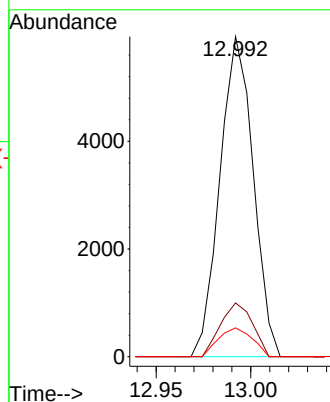
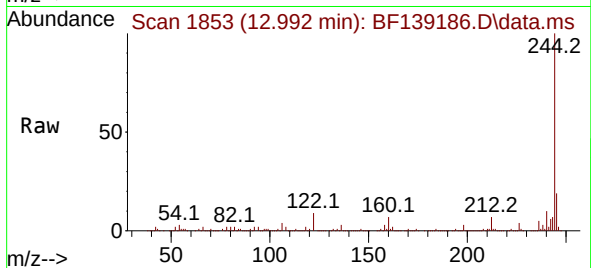
Tgt Ion:184 Resp: 7276

Ion Ratio Lower Upper

184 100

185 16.8 12.1 18.1

183 9.0 9.4 14.0#



#79

Terphenyl-d14

Concen: 53.868 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

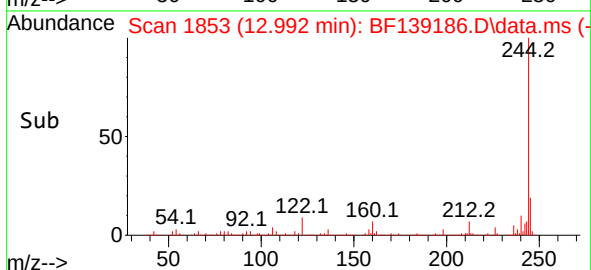
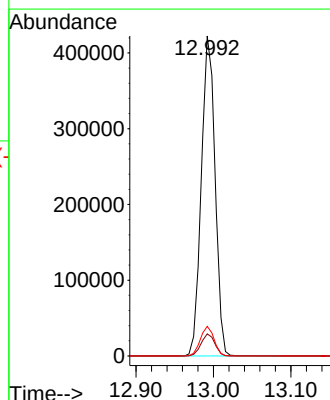
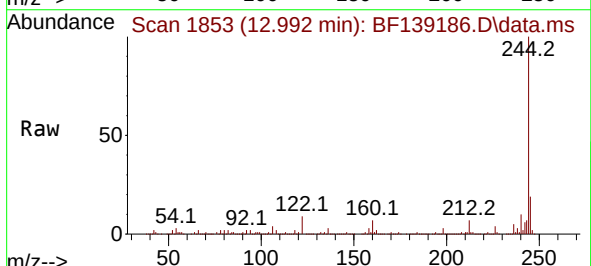
Tgt Ion:244 Resp: 521943

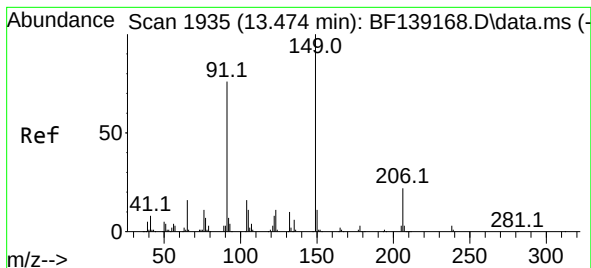
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 9.3 7.6 11.4





#80

Butylbenzylphthalate

Concen: 4.734 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

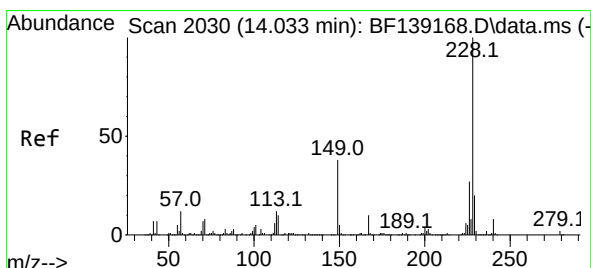
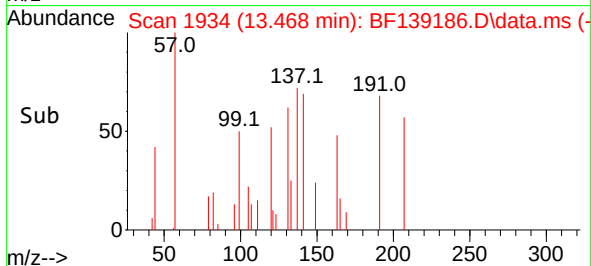
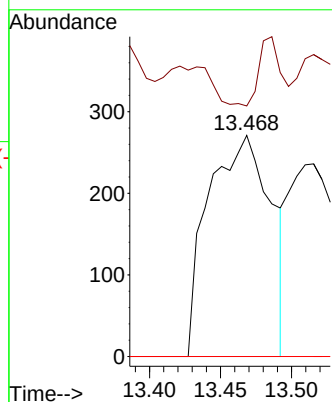
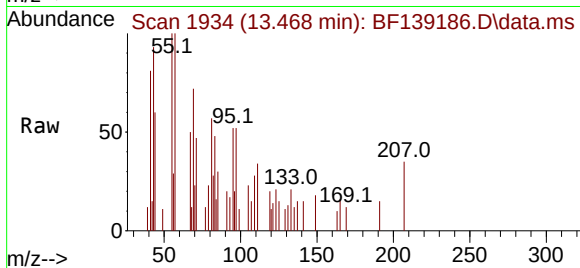
Instrument :

BNA_F

ClientSampleId :

BP-CONCRETE-082624

Tgt Ion:	149	Resp:	829
Ion Ratio	Lower	Upper	
149	100		
91	113.3	60.9	91.3#
206	0.0	17.7	26.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.429 ng

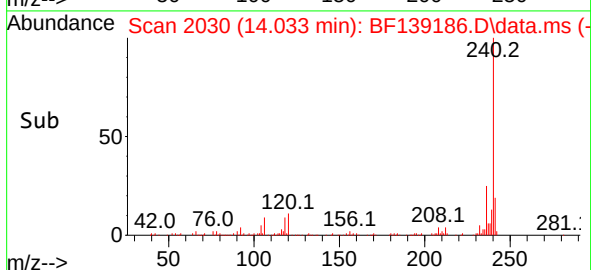
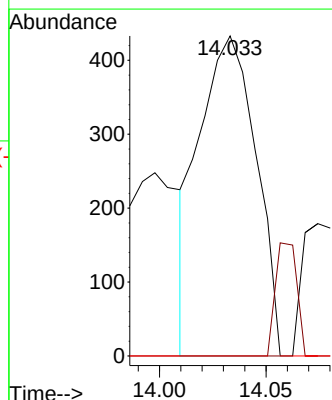
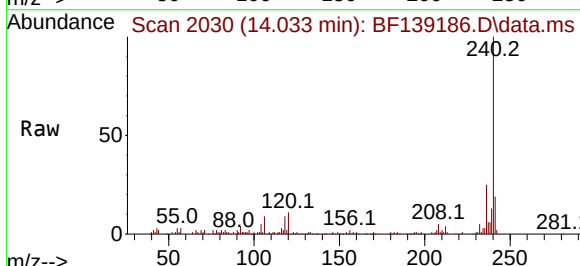
RT: 14.033 min Scan# 2030

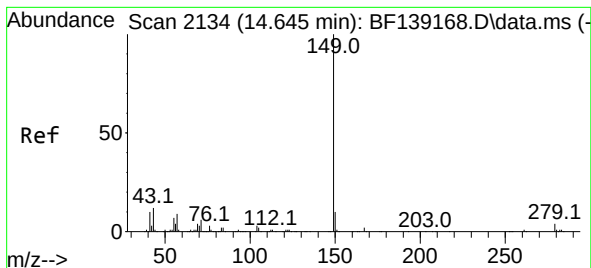
Delta R.T. 0.000 min

Lab File: BF139186.D

Acq: 27 Aug 2024 14:48

Tgt Ion:	149	Resp:	802
Ion Ratio	Lower	Upper	
149	100		
167	0.0	21.3	31.9#
279	0.0	3.4	5.0#

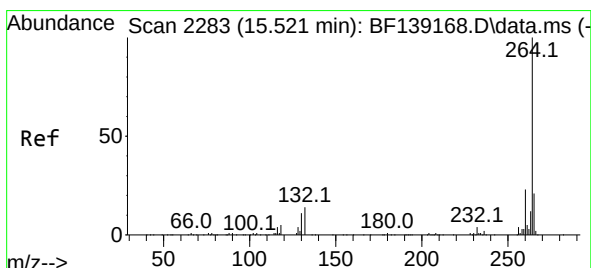
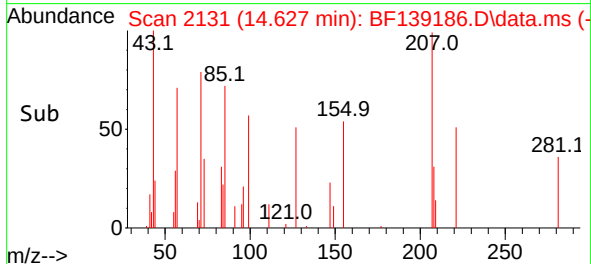
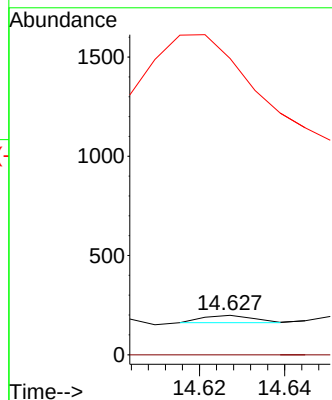
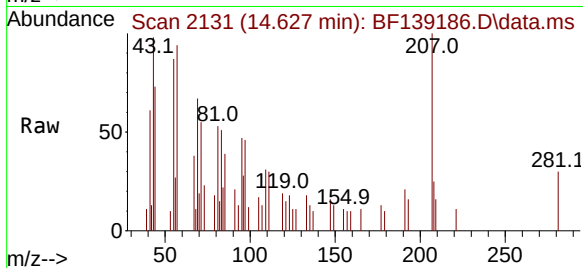




#85
Di-n-octyl phthalate
Concen: 8.956 ng
RT: 14.627 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Instrument :
BNA_F
ClientSampleId :
BP-CONCRETE-082624

Tgt Ion:149 Resp: 30
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 3946.7 9.9 14.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139186.D
Acq: 27 Aug 2024 14:48

Tgt Ion:264 Resp: 133164
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.1 17.0 25.6

