

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131338.D
 Acq On : 22 Nov 2022 19:34
 Operator : CG\JU
 Sample : N5598-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SLURRY-0760533

Quant Time: Nov 23 04:18:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

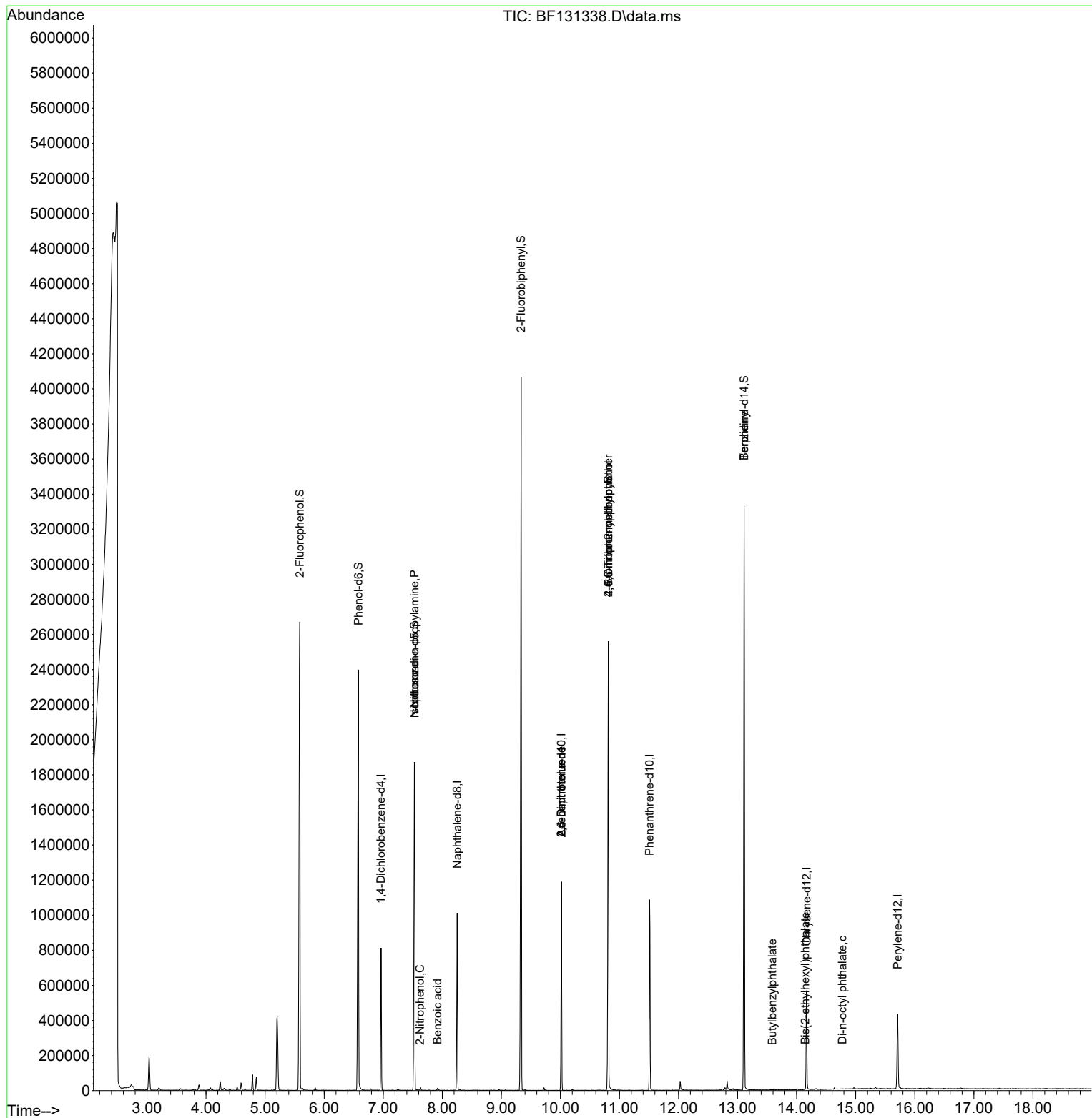
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105811	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	384926	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	217474	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	389691	20.000	ng	-0.01
76) Chrysene-d12	14.169	240	194835	20.000	ng	#-0.01
86) Perylene-d12	15.710	264	210443	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	718342	129.208	ng	0.02
7) Phenol-d6	6.581	99	824892	116.290	ng	0.00
23) Nitrobenzene-d5	7.528	82	670097	87.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	295334	161.418	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1242848	83.142	ng	0.00
79) Terphenyl-d14	13.110	244	1237595	103.872	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	1380	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.528	70	92928	17.896	ng	# 73
25) Isophorone	7.528	82	670089	49.186	ng	# 68
26) 2-Nitrophenol	7.622	139	57	3.607	ng	# 23
32) Benzoic acid	7.916	122	2238	5.927	ng	# 78
51) 2,6-Dinitrotoluene	10.016	165	28664	9.459	ng	# 14
57) 2,4-Dinitrotoluene	10.016	165	28664	7.518	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.810	198	618	4.988	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	19582	4.100	ng	# 1
77) Benzidine	13.110	184	16951	4.710	ng	# 92
80) Butylbenzylphthalate	13.586	149	67	4.154	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.145	149	820	3.847	ng	# 73
85) Di-n-octyl phthalate	14.774	149	438	3.947	ng	# 1

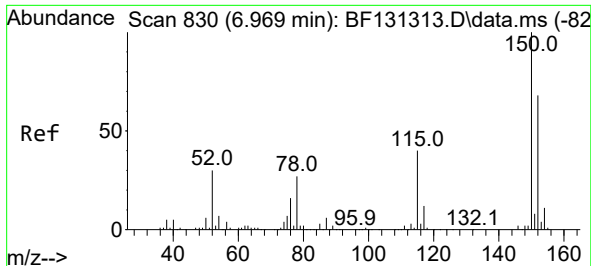
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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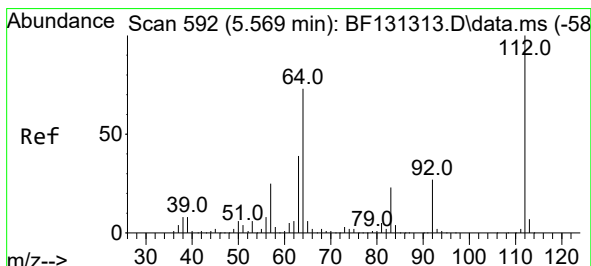
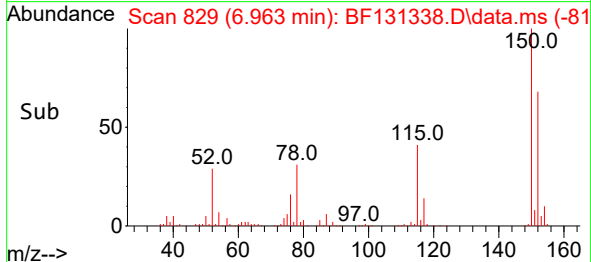
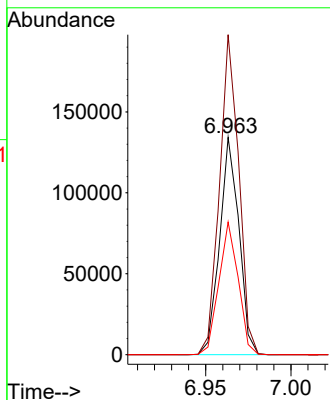
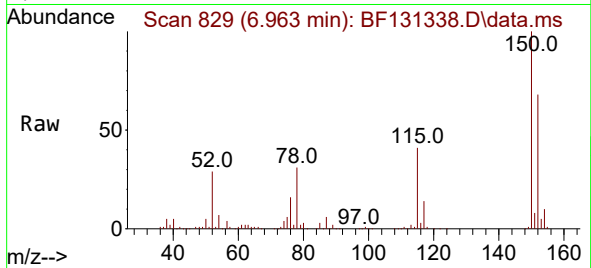




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

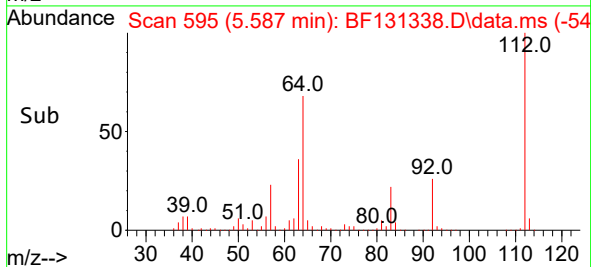
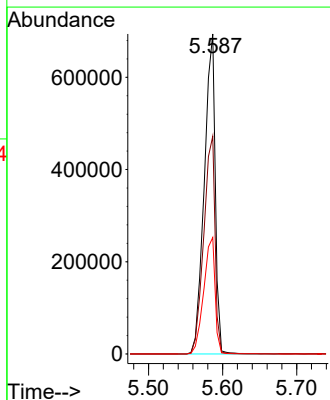
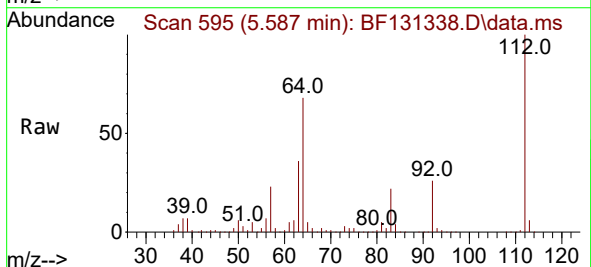
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BNA_F
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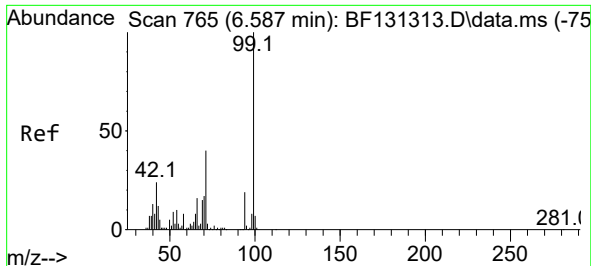
Tgt Ion:152 Resp: 105811
Ion Ratio Lower Upper
152 100
150 147.3 117.8 176.8
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 129.208 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:112 Resp: 718342
Ion Ratio Lower Upper
112 100
64 68.0 58.6 88.0
63 36.4 31.4 47.0

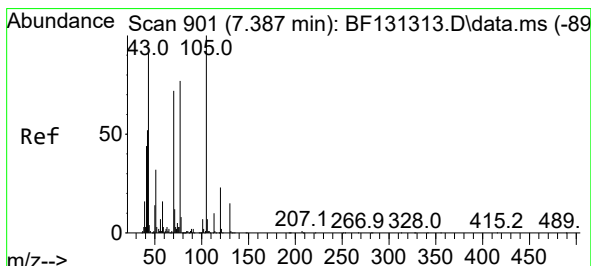
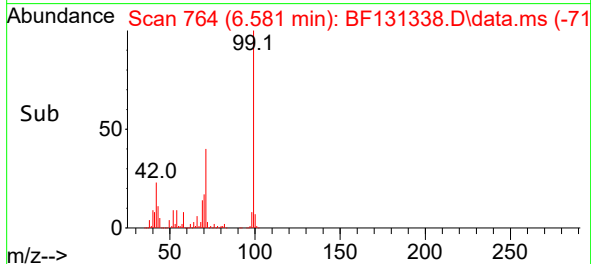
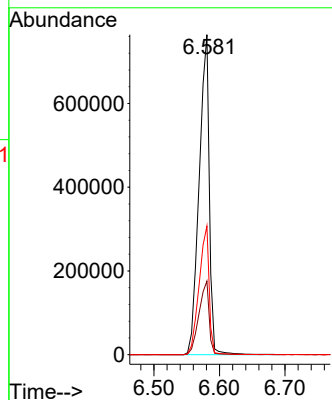
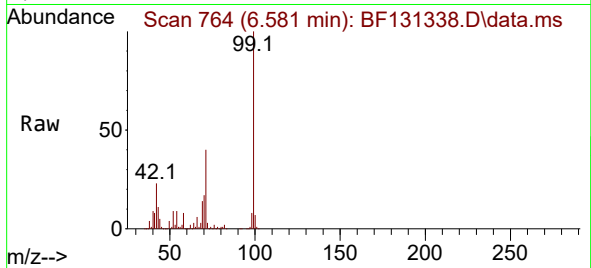




#7
Phenol-d6
Concen: 116.290 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

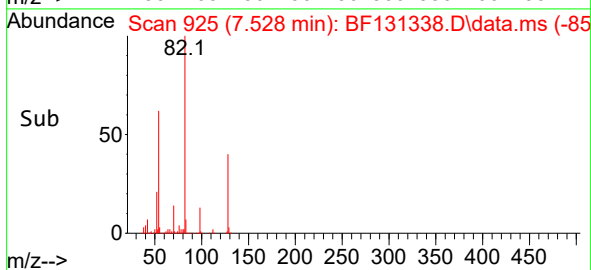
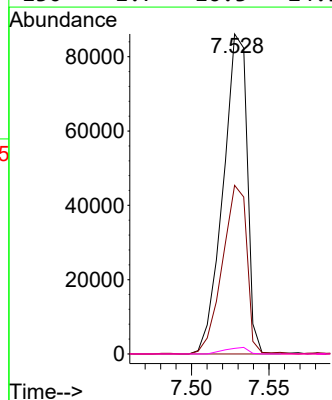
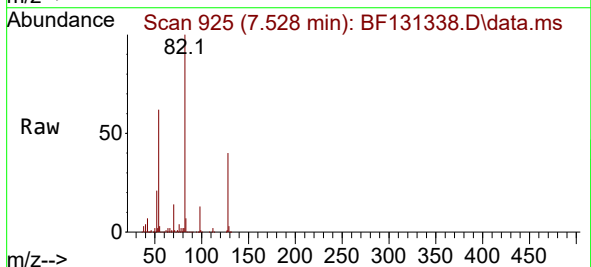
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 824892
Ion Ratio Lower Upper
99 100
42 23.0 19.4 29.2
71 40.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.896 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion: 70 Resp: 92928
Ion Ratio Lower Upper
70 100
42 52.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.7 16.3 24.5#

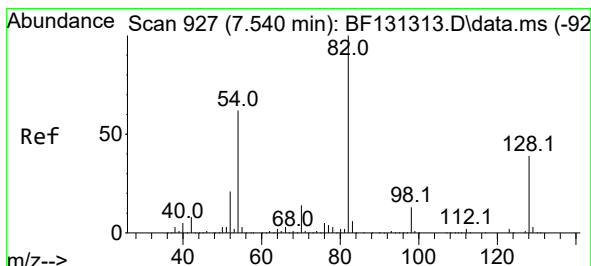
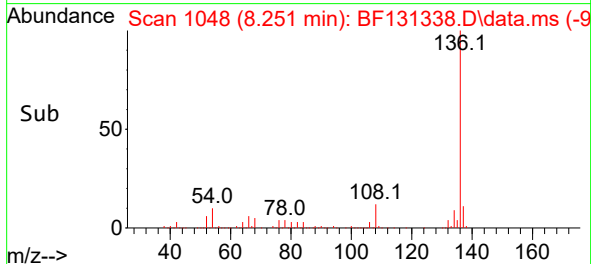
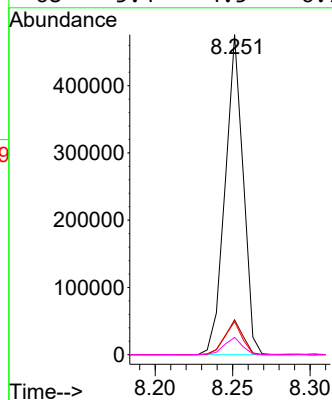
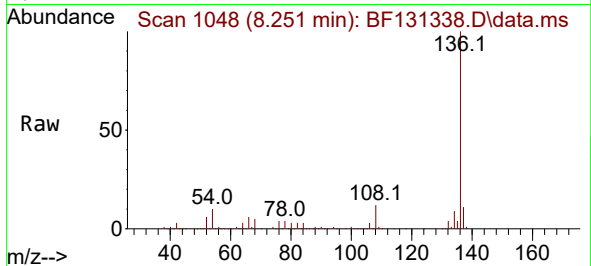




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

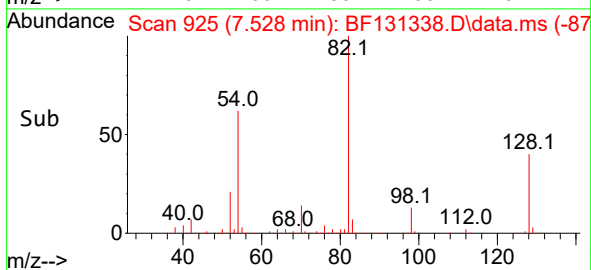
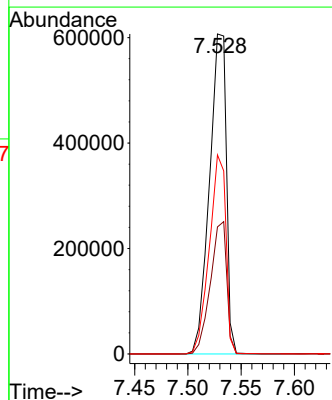
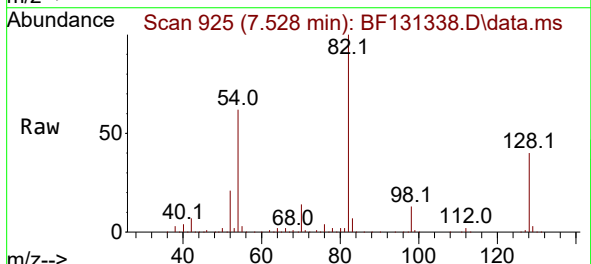
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SLURRY-0760533

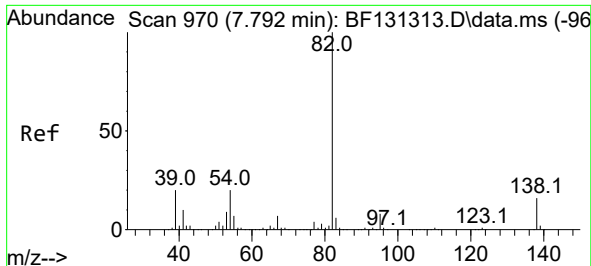
Tgt Ion:	136	Resp:	384926
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.3	9.4	14.0
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 87.754 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:	82	Resp:	670097
Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.4	47.0
54	62.2	49.8	74.6

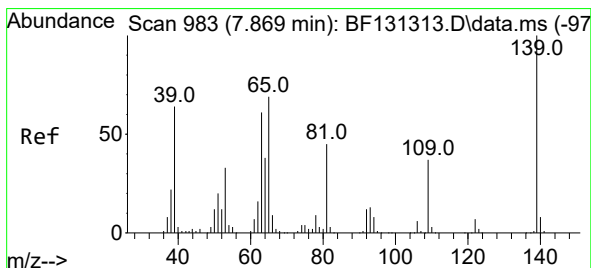
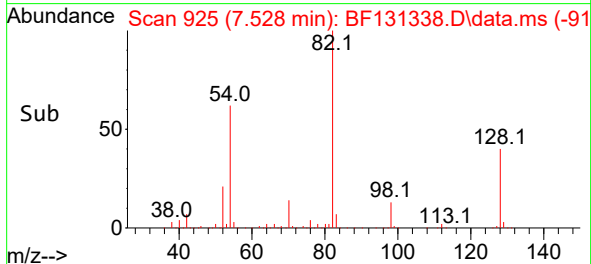
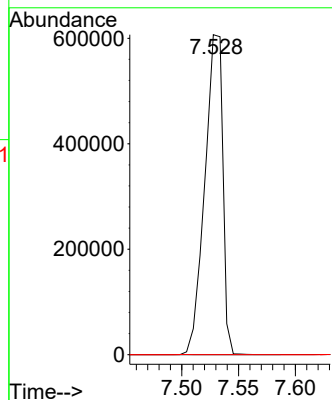
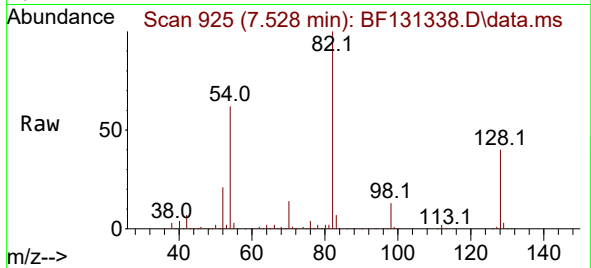




#25
Isophorone
Concen: 49.186 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

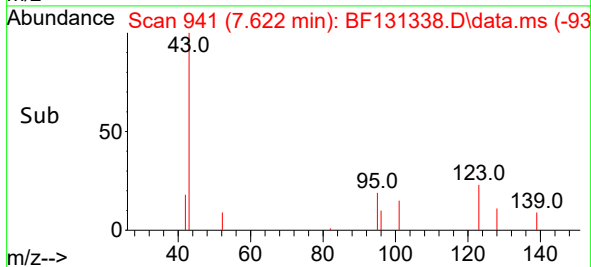
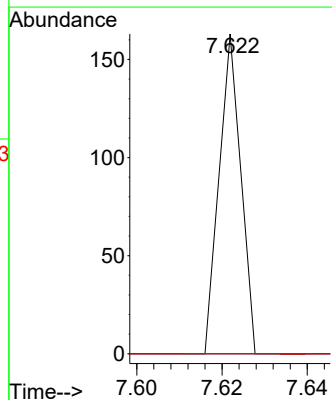
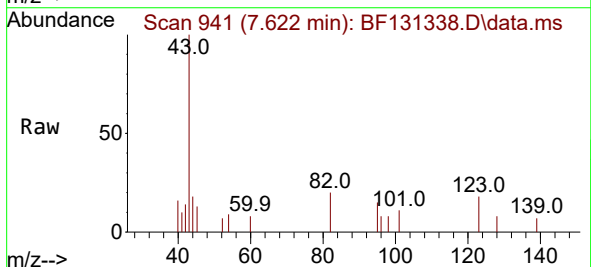
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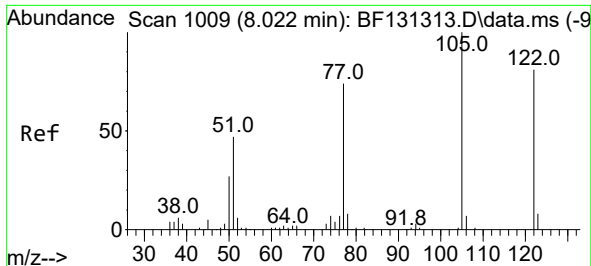
Tgt Ion: 82 Resp: 670089
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.607 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.247 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

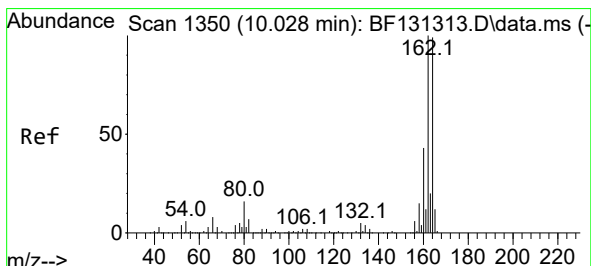
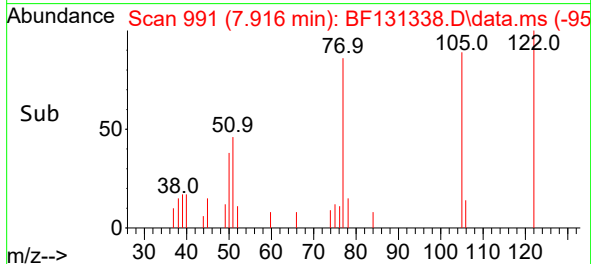
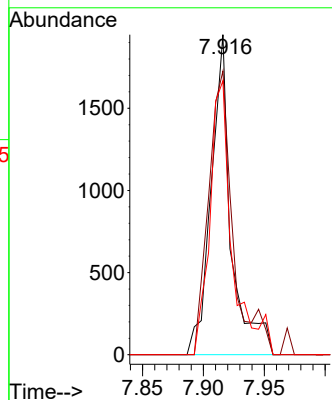
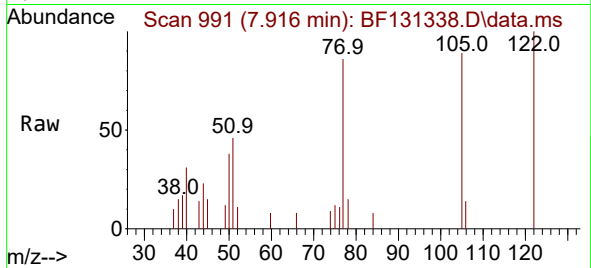




#32
Benzoic acid
Concen: 5.927 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

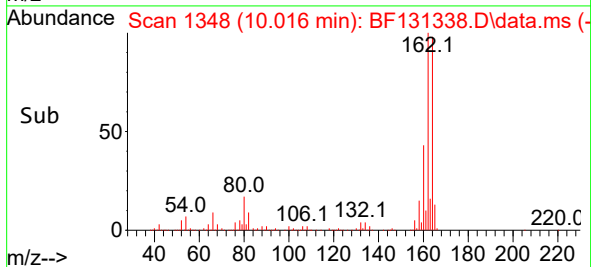
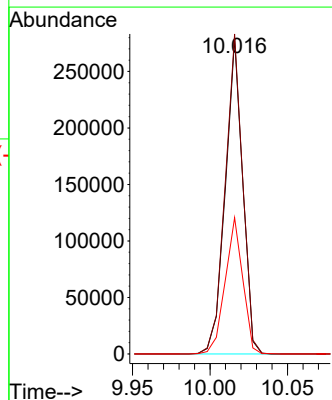
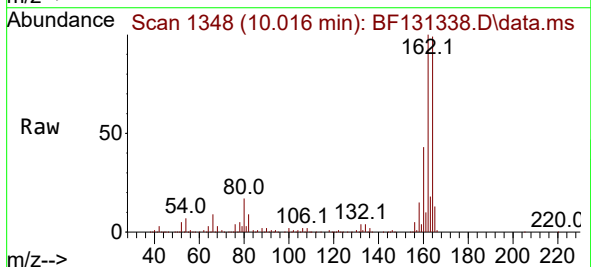
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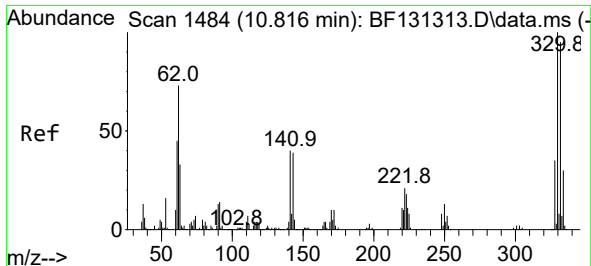
Tgt Ion:122 Resp: 2238
Ion Ratio Lower Upper
122 100
105 88.6 103.8 143.8#
77 85.6 74.3 114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:164 Resp: 217474
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 43.2 34.4 51.6

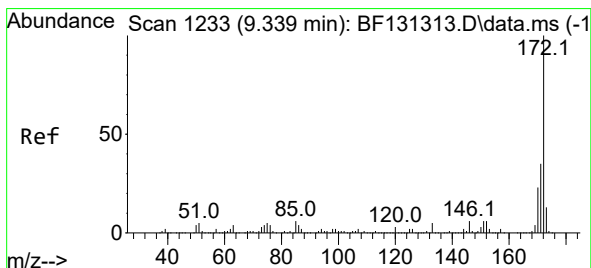
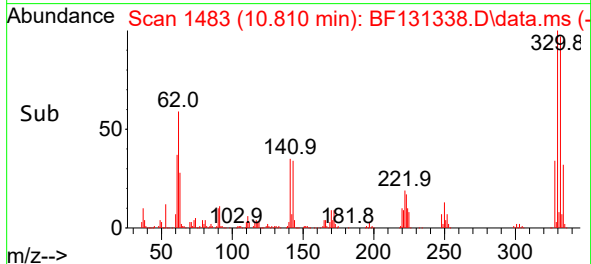
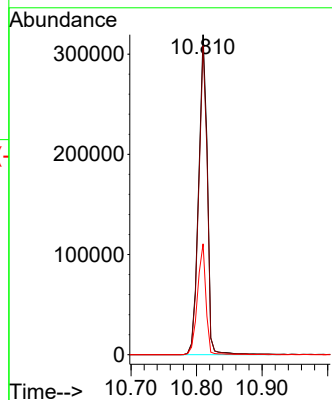
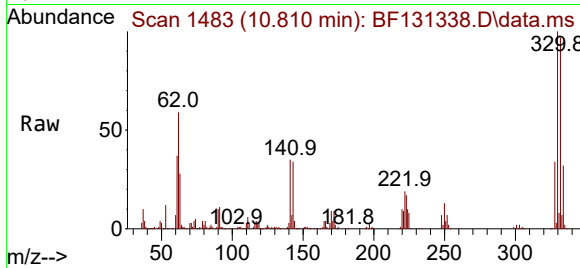




#42
2,4,6-Tribromophenol
Concen: 161.418 ng
RT: 10.810 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

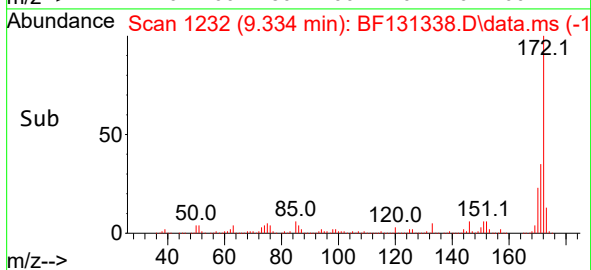
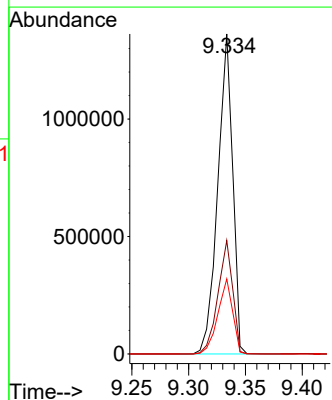
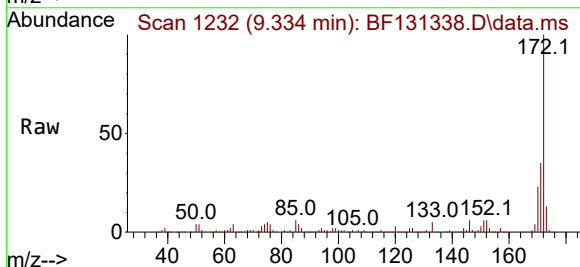
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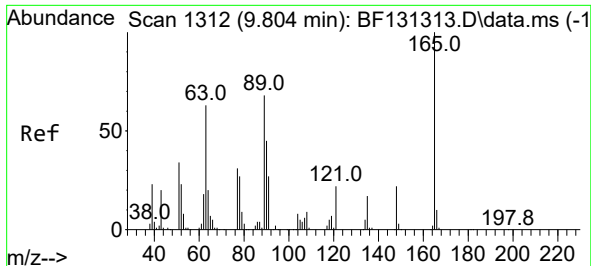
Tgt Ion:330 Resp: 295334
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 33.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 83.142 ng
RT: 9.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:172 Resp: 1242848
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.7 28.1

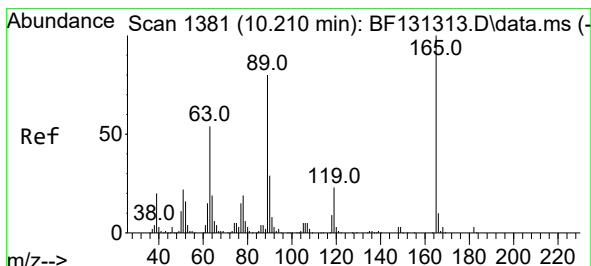
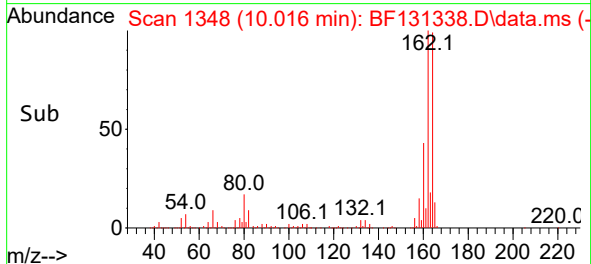
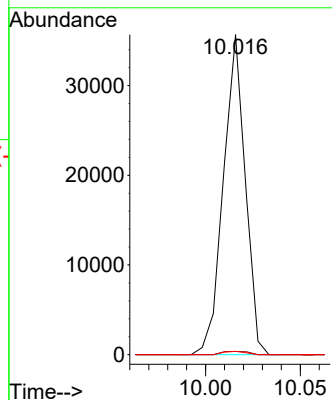
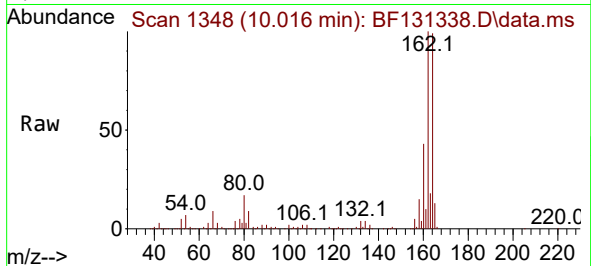




#51
2,6-Dinitrotoluene
Concen: 9.459 ng
RT: 10.016 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

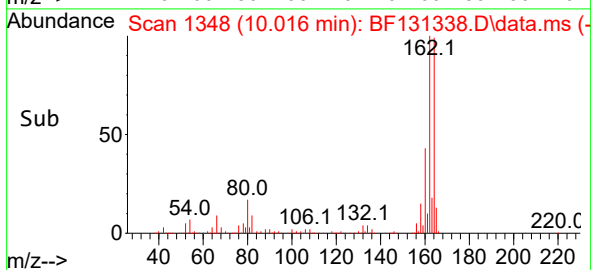
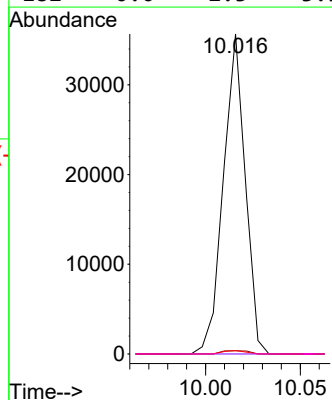
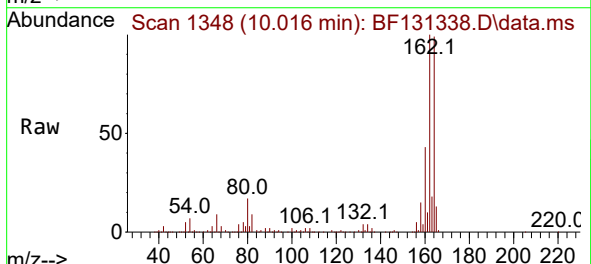
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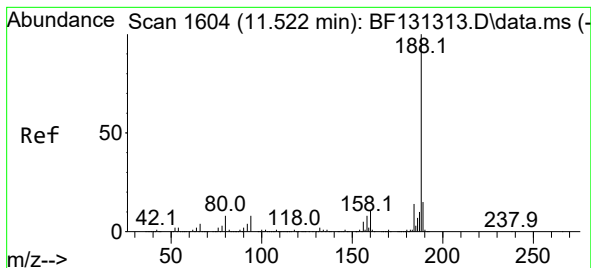
Tgt Ion:165 Resp: 28664
Ion Ratio Lower Upper
165 100
63 1.0 62.0 93.0#
89 1.0 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.518 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:165 Resp: 28664
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.0 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131338.D

Acq: 22 Nov 2022 19:34

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SLURRY-0760533

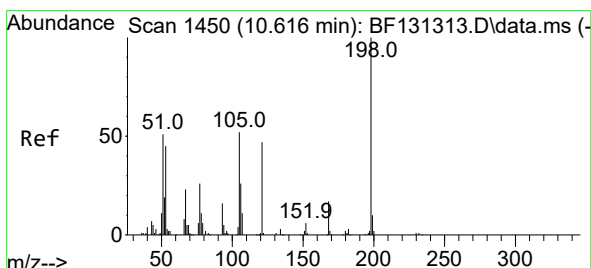
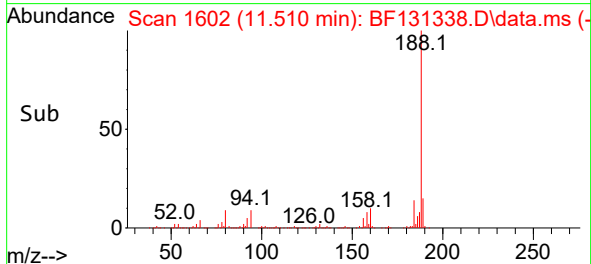
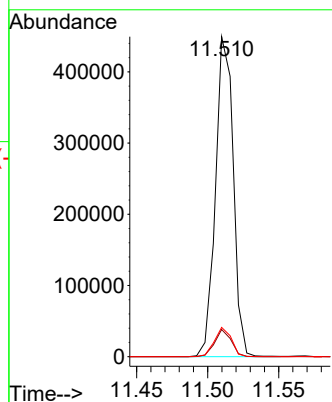
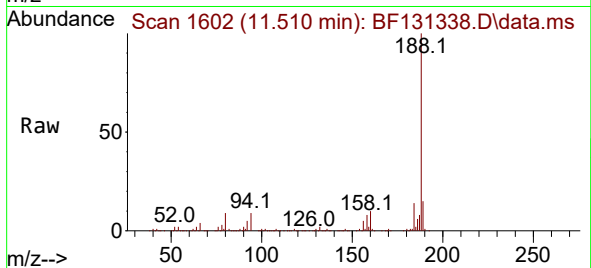
Tgt Ion:188 Resp: 389691

Ion Ratio Lower Upper

188 100

94 8.5 6.3 9.5

80 9.1 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.988 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.194 min

Lab File: BF131338.D

Acq: 22 Nov 2022 19:34

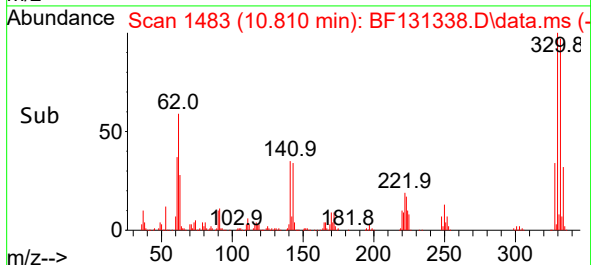
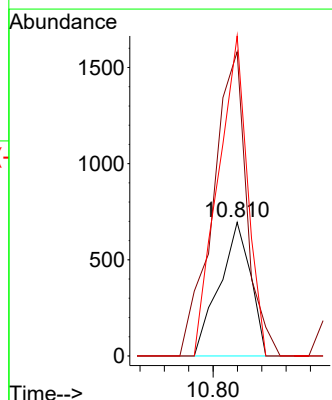
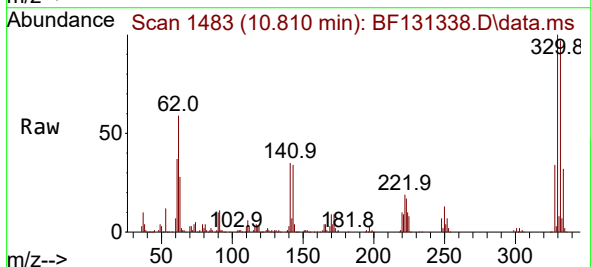
Tgt Ion:198 Resp: 618

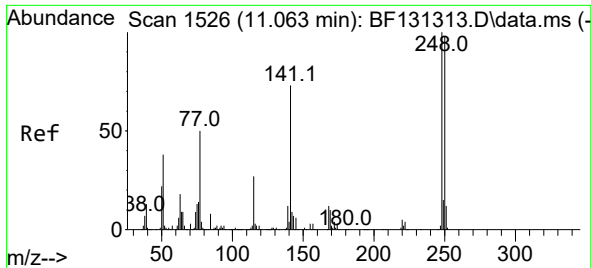
Ion Ratio Lower Upper

198 100

51 227.6 50.1 90.1#

105 239.4 32.5 72.5#

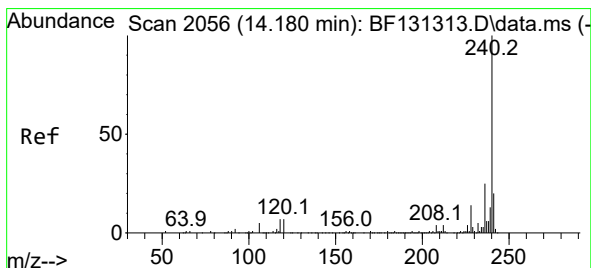
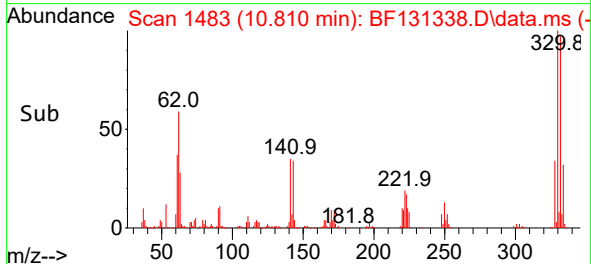
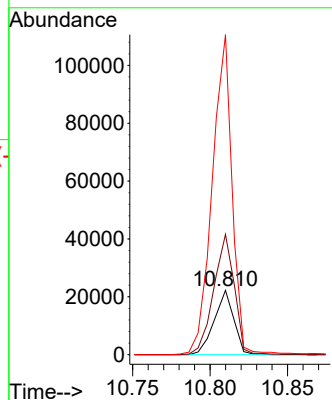
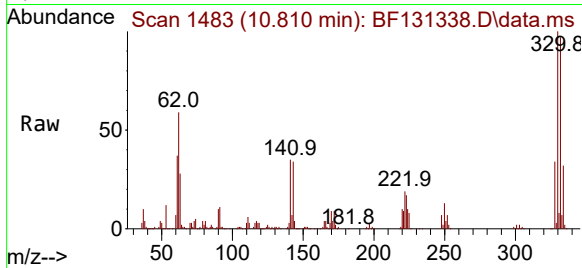




#67
4-Bromophenyl-phenylether
Concen: 4.100 ng
RT: 10.810 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

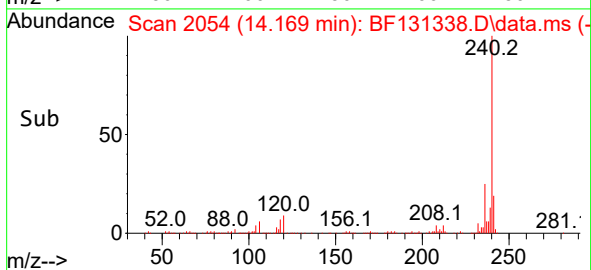
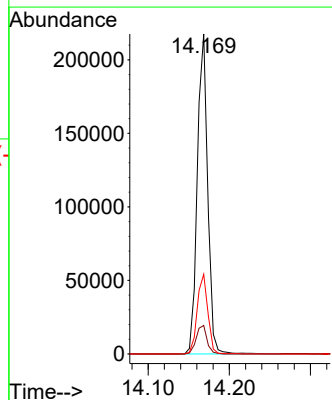
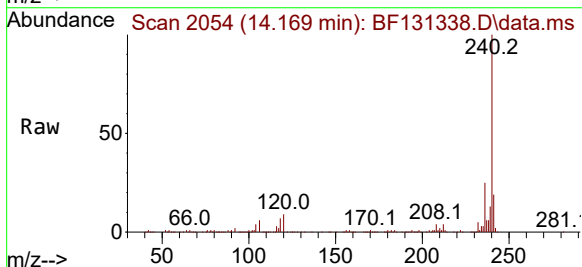
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SLURRY-0760533

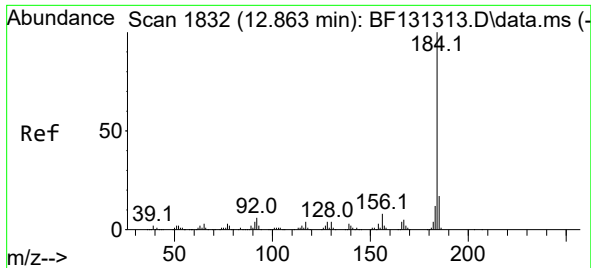
Tgt Ion:248 Resp: 19582
Ion Ratio Lower Upper
248 100
250 187.1 78.3 117.5#
141 497.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:240 Resp: 194835
Ion Ratio Lower Upper
240 100
120 8.9 5.8 8.8#
236 24.9 20.3 30.5

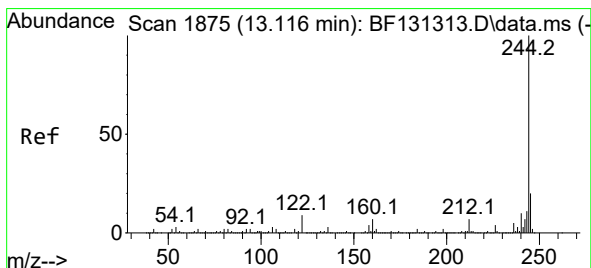
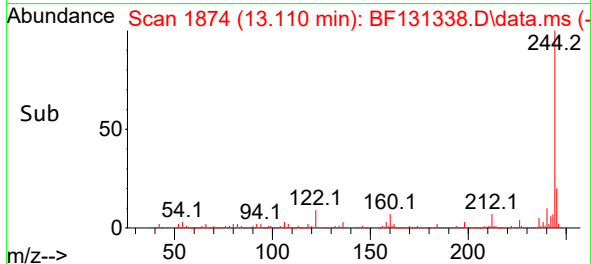
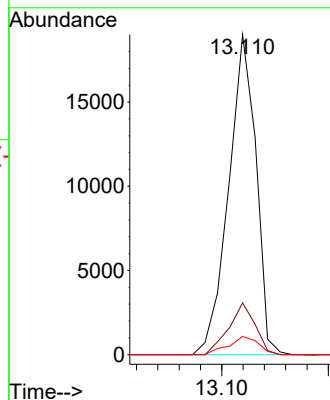
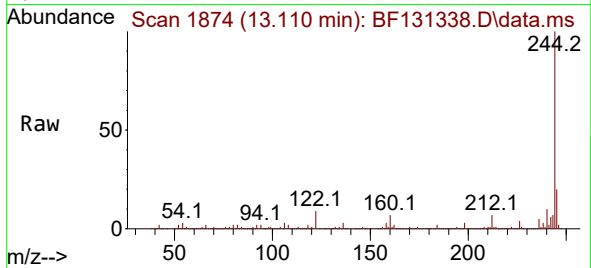




#77
Benzidine
Concen: 4.710 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.247 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

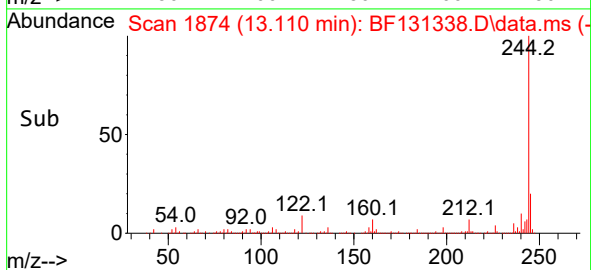
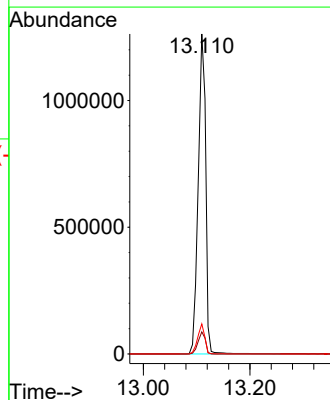
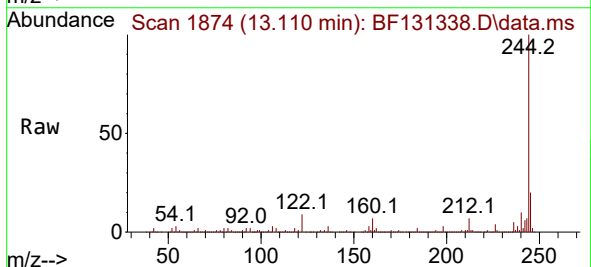
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SLURRY-0760533

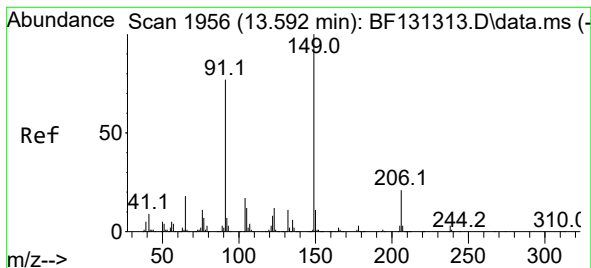
Tgt Ion:184 Resp: 16951
Ion Ratio Lower Upper
184 100
185 16.2 13.8 20.8
183 5.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 103.872 ng
RT: 13.110 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:244 Resp: 1237595
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.4 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.154 ng

RT: 13.586 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131338.D

Acq: 22 Nov 2022 19:34

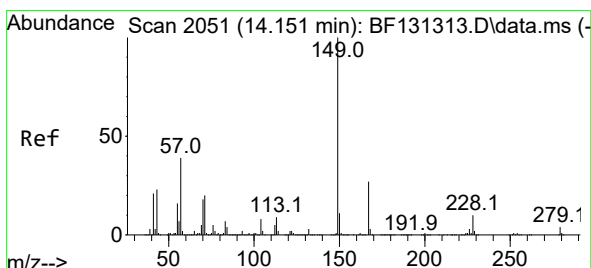
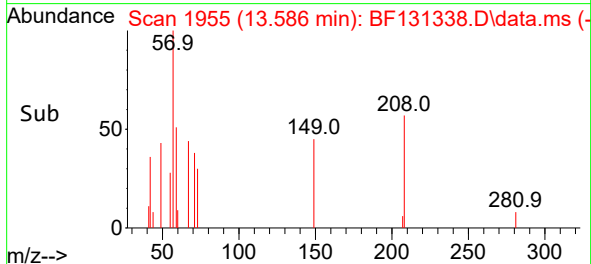
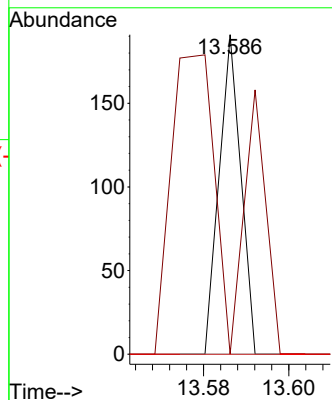
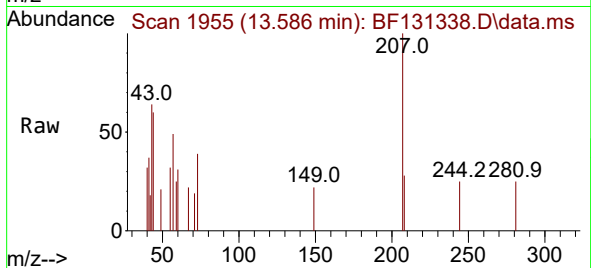
Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SLURRY-0760533

Tgt Ion:	149	Resp:	67
Ion	Ratio	Lower	Upper
149	100		
91	0.0	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.847 ng

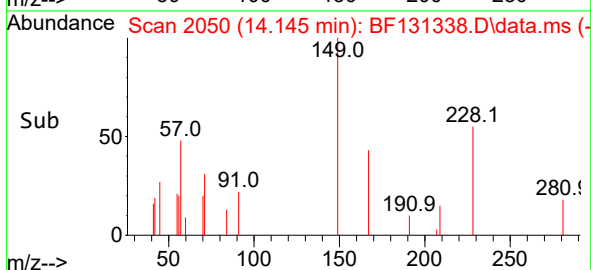
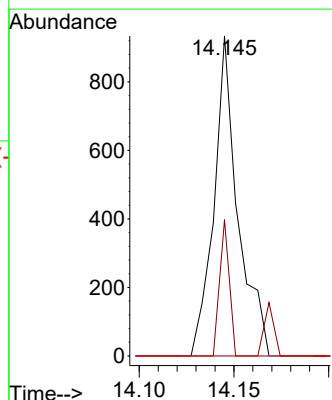
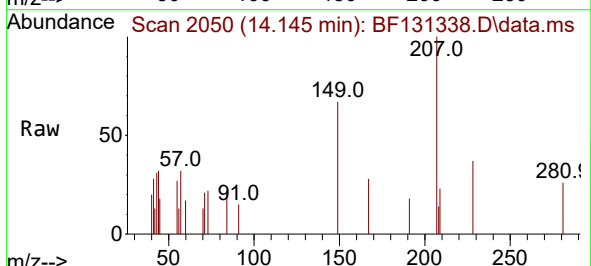
RT: 14.145 min Scan# 2050

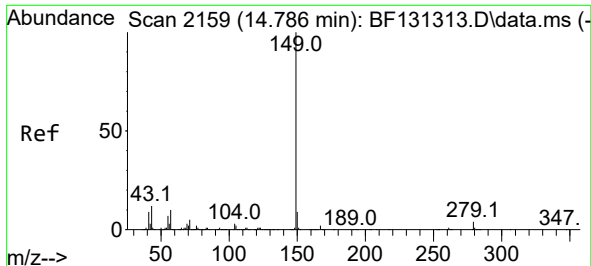
Delta R.T. -0.006 min

Lab File: BF131338.D

Acq: 22 Nov 2022 19:34

Tgt Ion:	149	Resp:	820
Ion	Ratio	Lower	Upper
149	100		
167	42.6	21.9	32.9#
279	0.0	3.0	4.4#

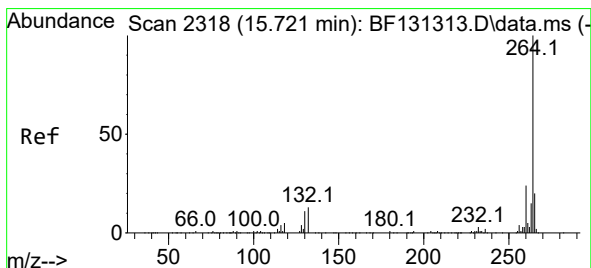
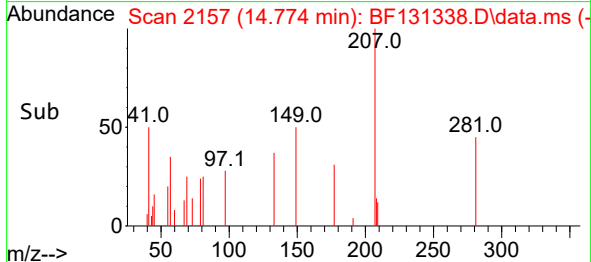
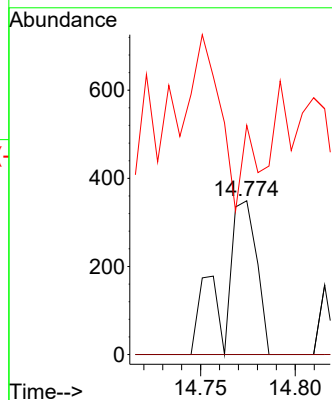
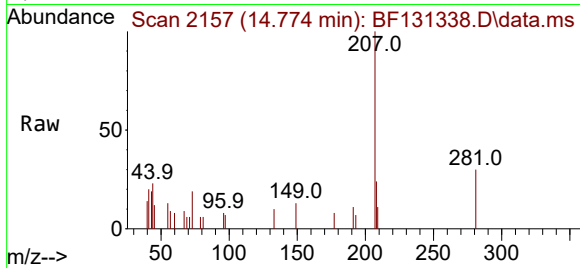




#85
Di-n-octyl phthalate
Concen: 3.947 ng
RT: 14.774 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SLURRY-0760533

Tgt Ion:149 Resp: 438
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 65.8 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BF131338.D
Acq: 22 Nov 2022 19:34

Tgt Ion:264 Resp: 210443
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.5 16.4 24.6

