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 Data File : BF131458.D
 Acq On : 29 Nov 2022 15:59
 Operator : CG\JU
 Sample : N5796-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-N

Quant Time: Nov 30 01:06:13 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 29 00:18:36 2022
 Response via : Initial Calibration

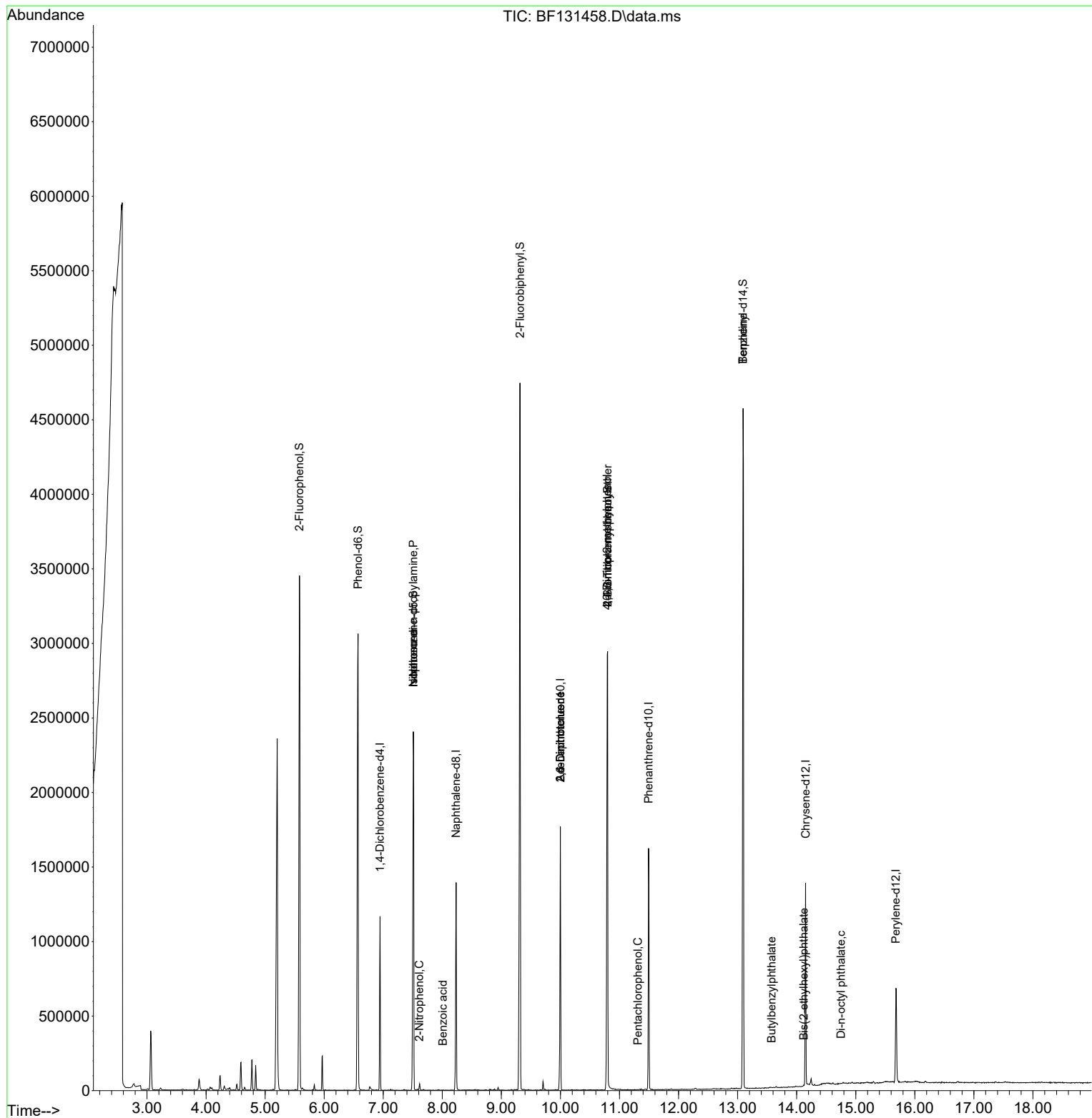
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	161112	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	614326	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	343053	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	615902	20.000	ng	#-0.01
76) Chrysene-d12	14.151	240	434666	20.000	ng	#-0.02
86) Perylene-d12	15.680	264	319755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1065595	125.879	ng	0.02
7) Phenol-d6	6.575	99	1255941	116.283	ng	0.00
23) Nitrobenzene-d5	7.510	82	962455	78.974	ng	-0.02
42) 2,4,6-Tribromophenol	10.798	330	440946	152.781	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1717879	72.852	ng	-0.01
79) Terphenyl-d14	13.092	244	1969240	74.085	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.498	77	78	Below Cal		Qvalue # 44
19) n-Nitroso-di-n-propyla...	7.510	70	129245	16.346	ng	# 71
25) Isophorone	7.510	82	960735	44.187	ng	# 68
26) 2-Nitrophenol	7.610	139	160	3.622	ng	# 23
32) Benzoic acid	8.010	122	462	5.230	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	45505	9.520	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	45505	7.566	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.792	198	962	4.982	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	28374	3.759	ng	# 1
70) Pentachlorophenol	11.310	266	262	4.931	ng	# 50
77) Benzidine	13.092	184	23996	2.989	ng	# 90
80) Butylbenzylphthalate	13.574	149	492	4.178	ng	# 57
84) Bis(2-ethylhexyl)phtha...	14.121	149	2546	3.886	ng	# 86
85) Di-n-octyl phthalate	14.751	149	292	3.915	ng	# 1

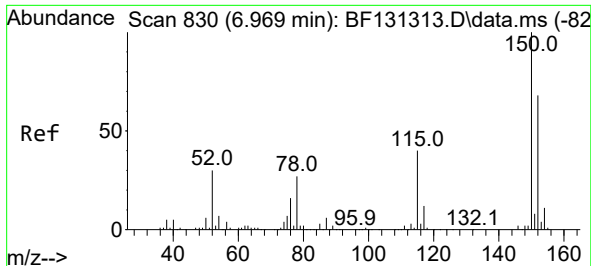
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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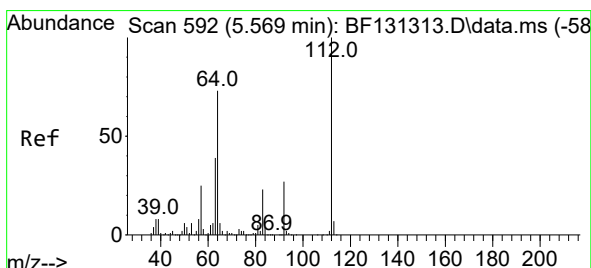
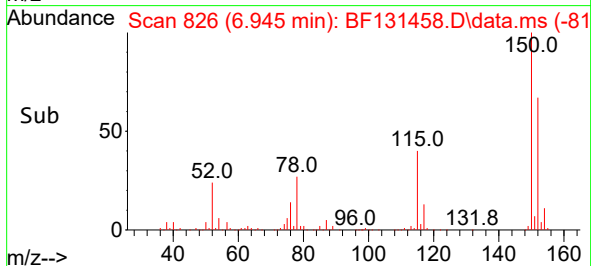
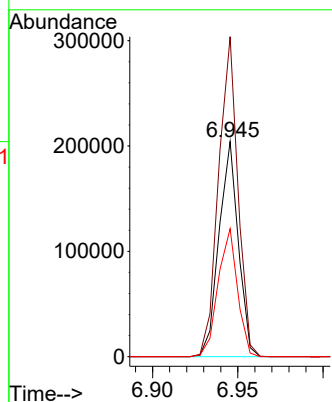
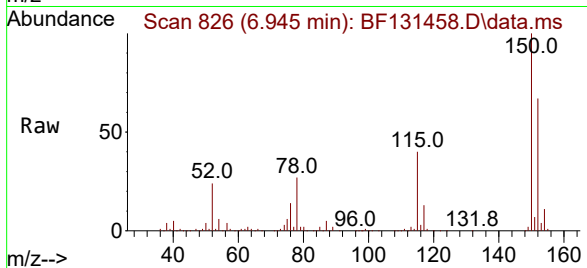




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

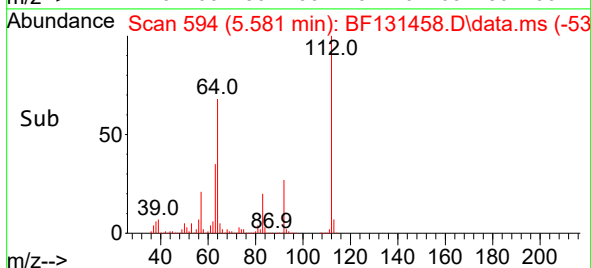
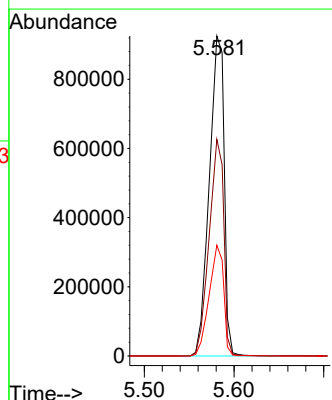
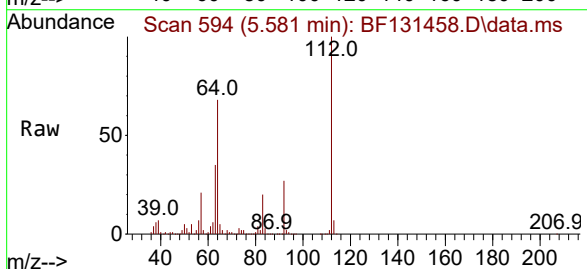
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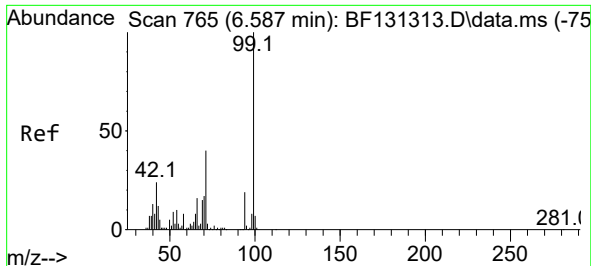
Tgt Ion:152 Resp: 161112
Ion Ratio Lower Upper
152 100
150 148.7 117.8 176.8
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 125.879 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:112 Resp: 1065595
Ion Ratio Lower Upper
112 100
64 67.7 58.6 88.0
63 34.6 31.4 47.0

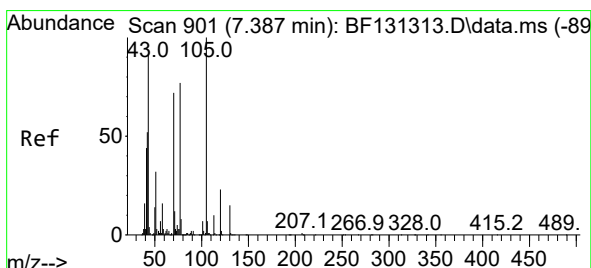
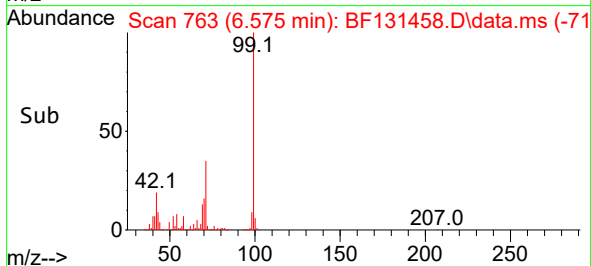
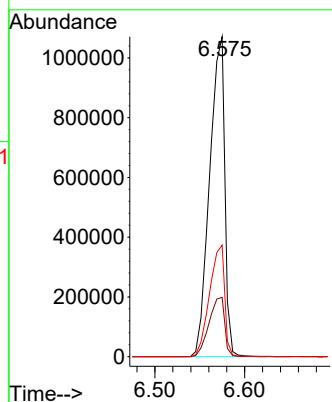
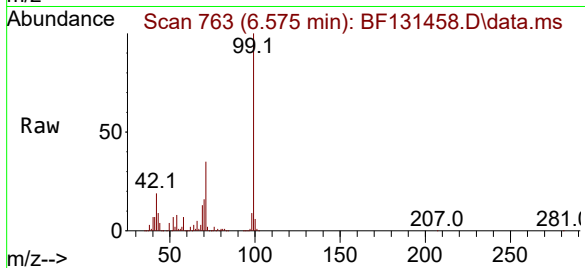




#7
Phenol-d6
Concen: 116.283 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

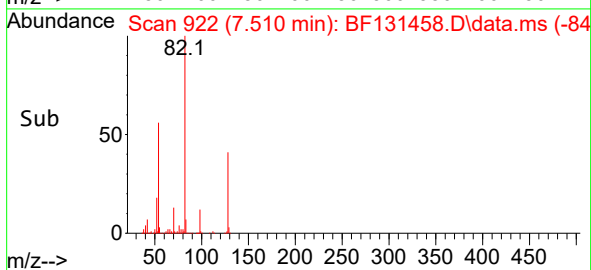
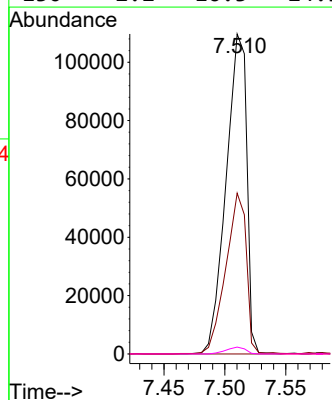
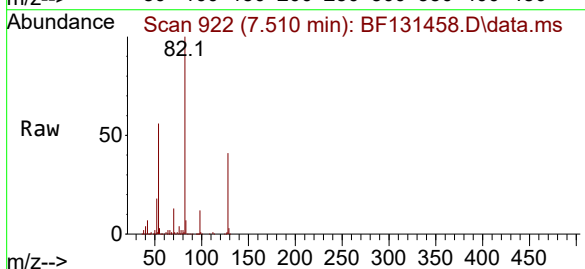
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ClientSampleId :
TP-N

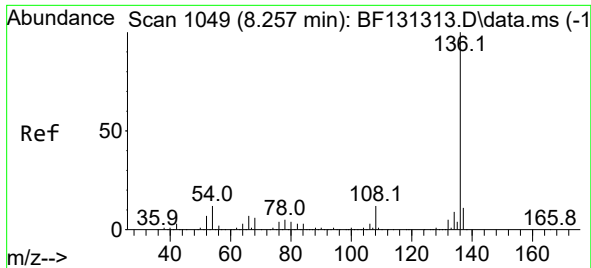
Tgt Ion: 99 Resp: 1255941
Ion Ratio Lower Upper
99 100
42 18.5 19.4 29.2#
71 34.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.346 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.141 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion: 70 Resp: 129245
Ion Ratio Lower Upper
70 100
42 50.3 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

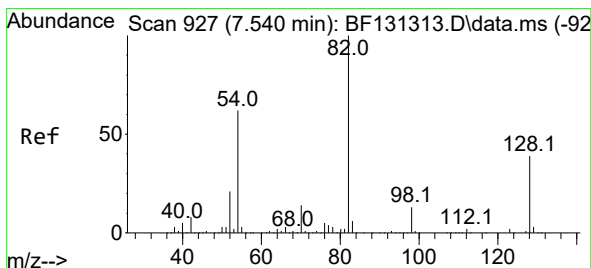
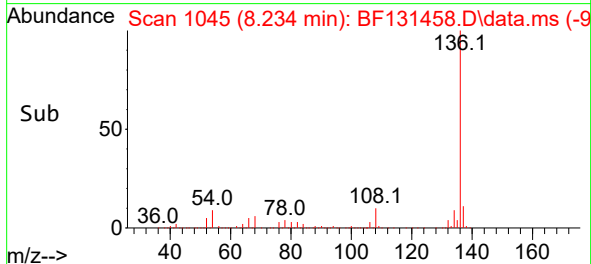
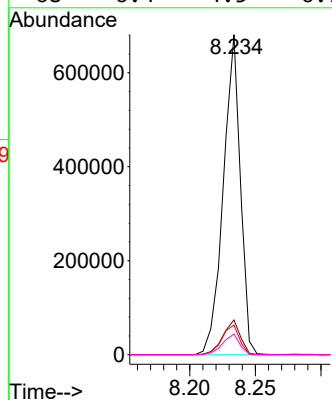
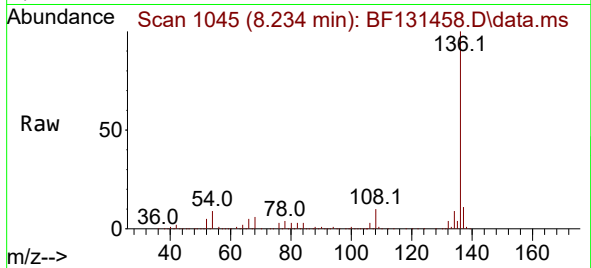




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

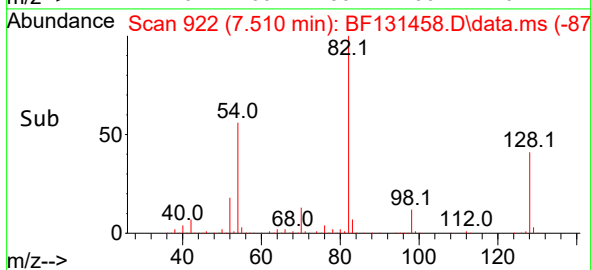
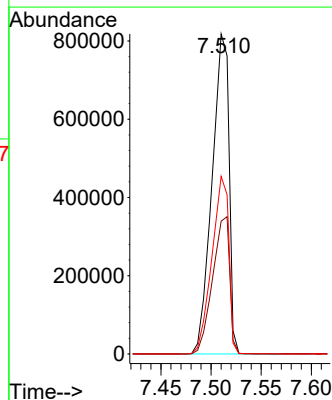
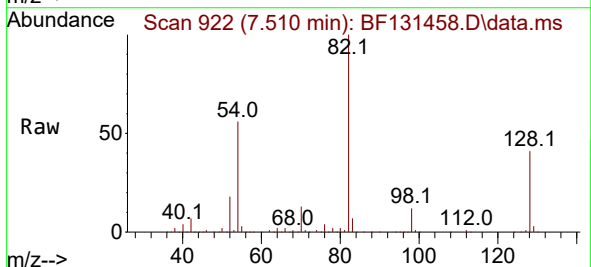
Instrument :
BNA_F
ClientSampleId :
TP-N

Tgt Ion:136 Resp: 614326
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.3 9.4 14.0#
68 6.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 78.974 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.018 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion: 82 Resp: 962455
Ion Ratio Lower Upper
82 100
128 41.5 31.4 47.0
54 55.5 49.8 74.6

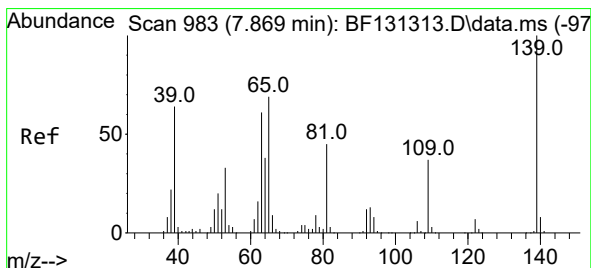
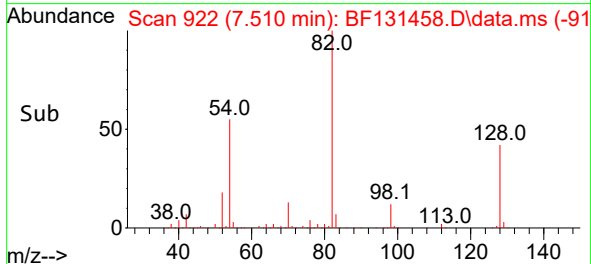
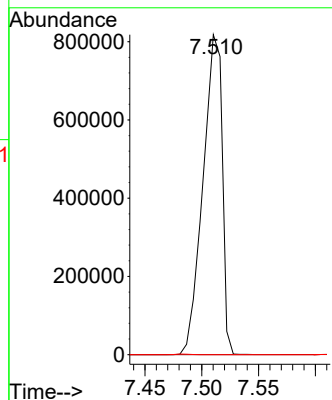
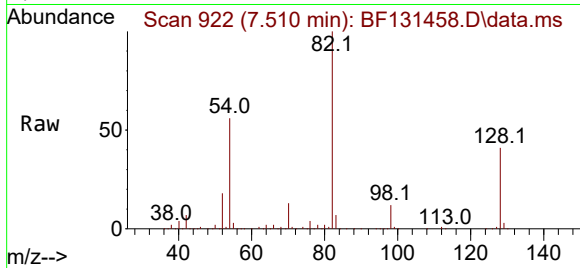




#25
Isophorone
Concen: 44.187 ng
RT: 7.510 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

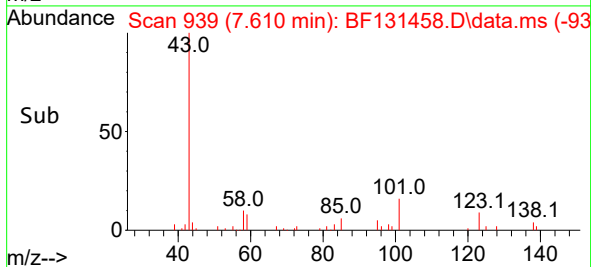
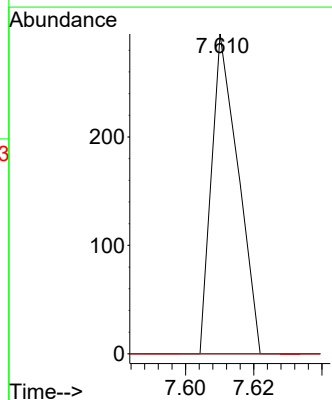
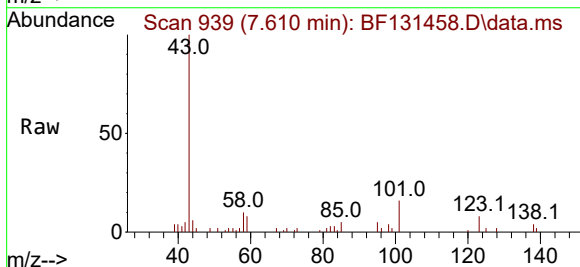
Instrument :
BNA_F
ClientSampleId :
TP-N

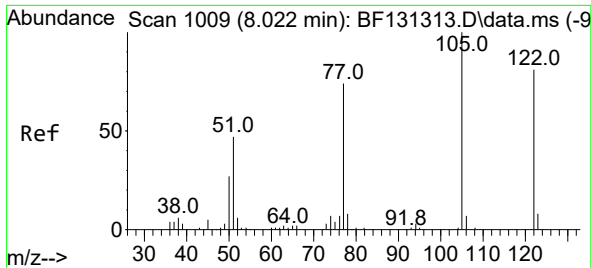
Tgt Ion: 82 Resp: 960735
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.622 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.247 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:139 Resp: 160
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

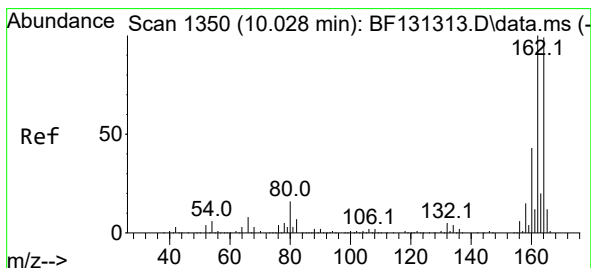
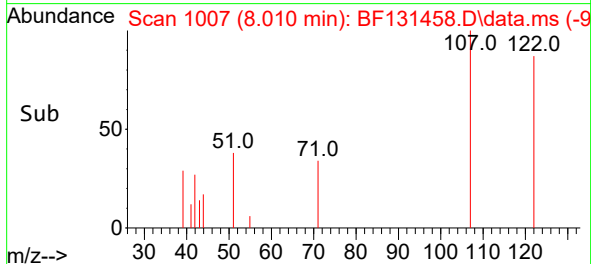
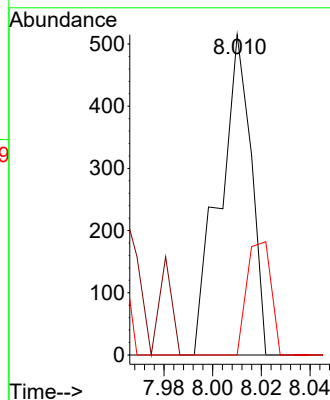
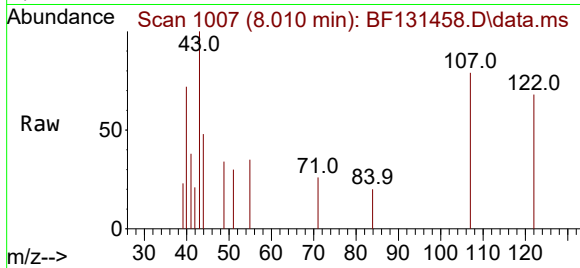




#32
Benzoic acid
Concen: 5.230 ng
RT: 8.010 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

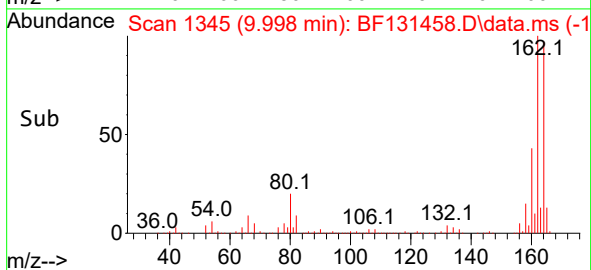
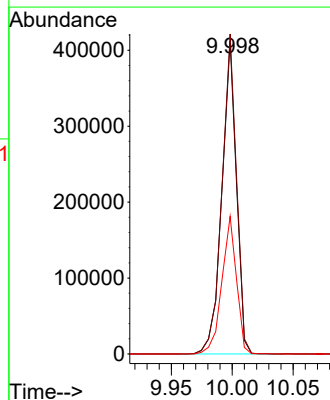
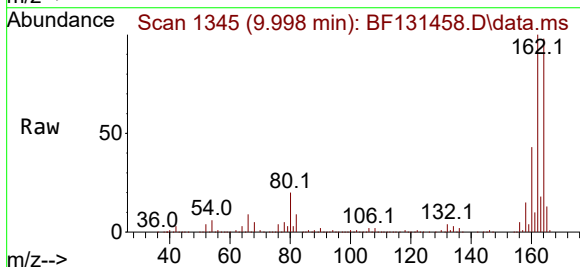
Instrument :
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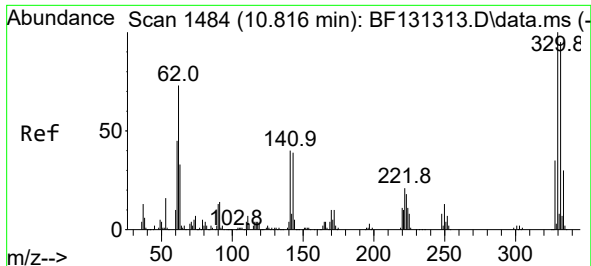
Tgt Ion:122 Resp: 462
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:164 Resp: 343053
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.0 34.4 51.6

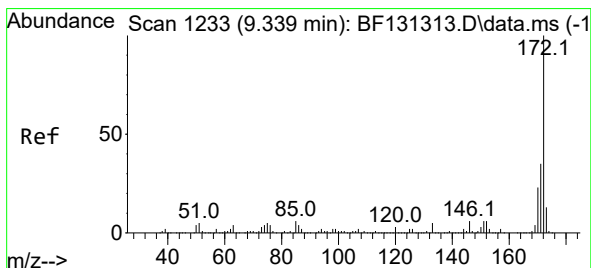
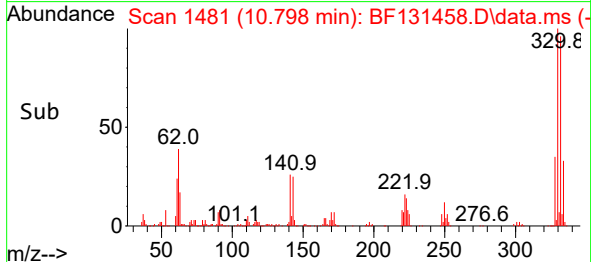
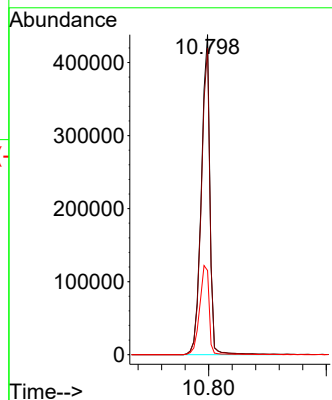
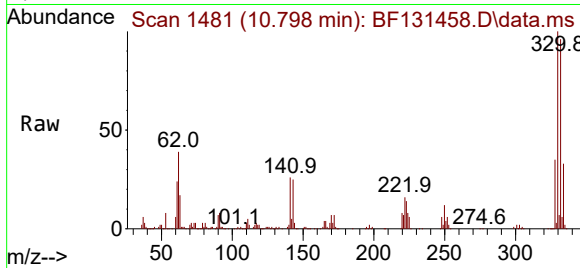




#42
2,4,6-Tribromophenol
Concen: 152.781 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

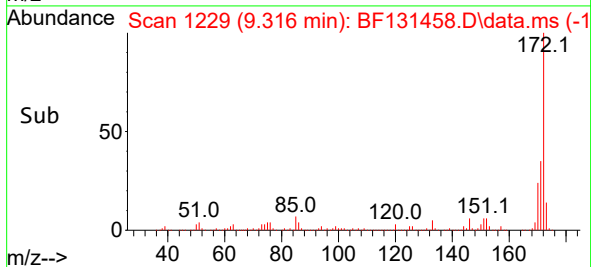
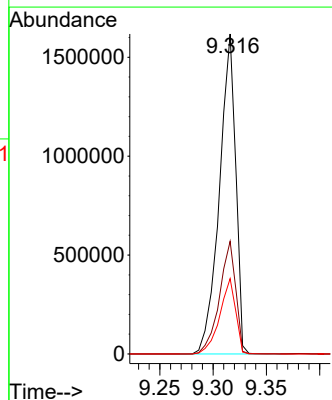
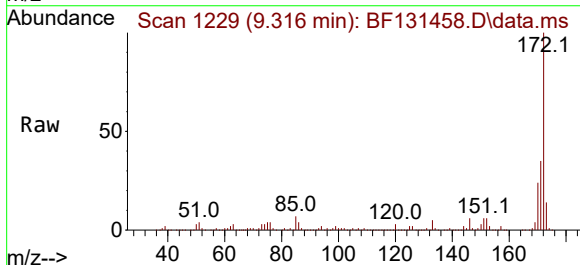
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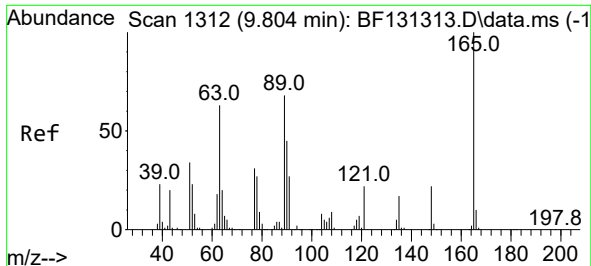
Tgt Ion:330 Resp: 440946
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 30.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 72.852 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:172 Resp: 1717879
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.7 28.1

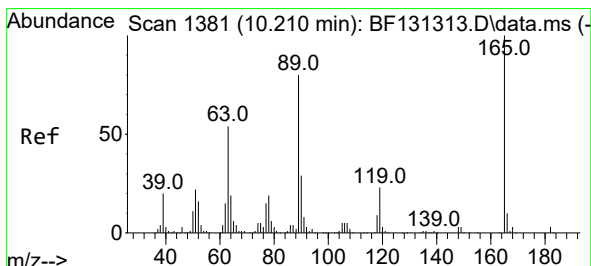
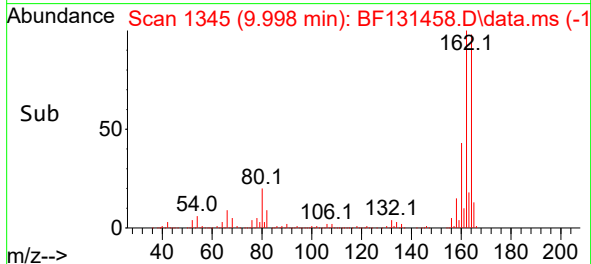
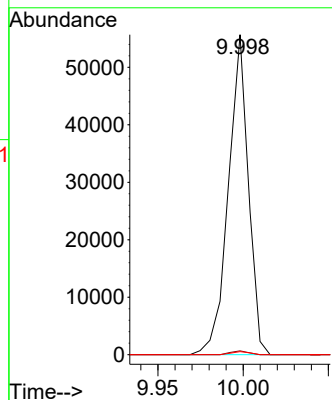
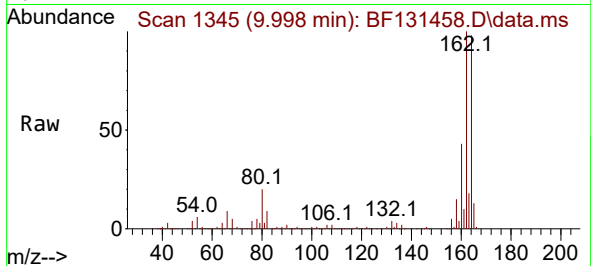




#51
2,6-Dinitrotoluene
Concen: 9.520 ng
RT: 9.998 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

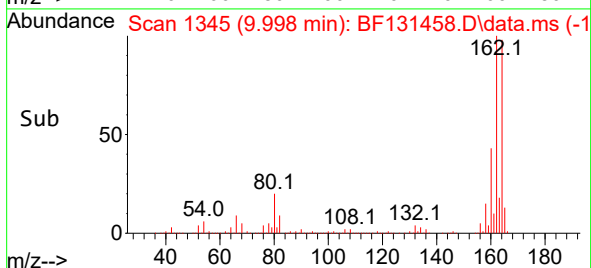
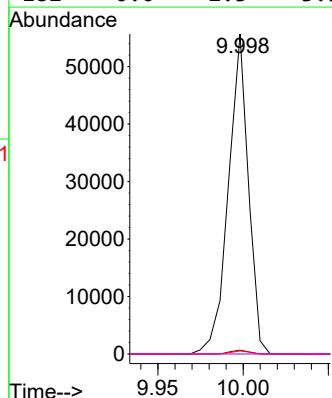
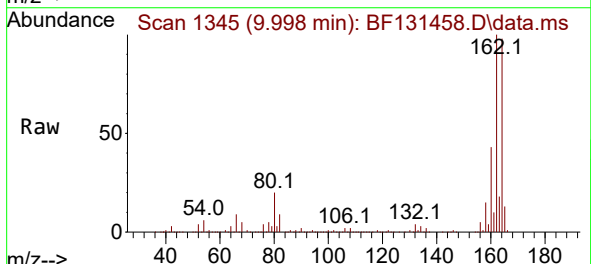
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BNA_F
ClientSampleId :
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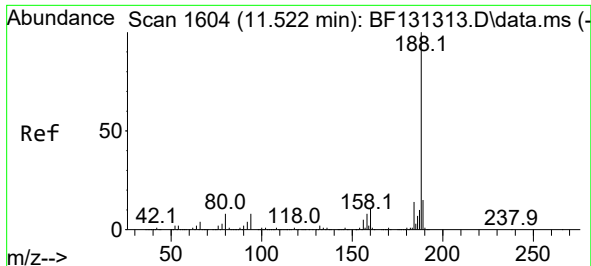
Tgt Ion:165 Resp: 45505
Ion Ratio Lower Upper
165 100
63 1.2 62.0 93.0#
89 0.9 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.566 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.200 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:165 Resp: 45505
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 0.9 64.0 96.0#
182 0.0 2.3 3.5#

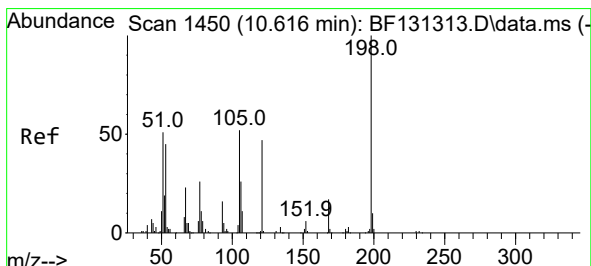
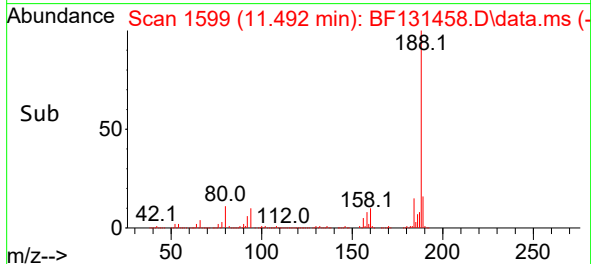
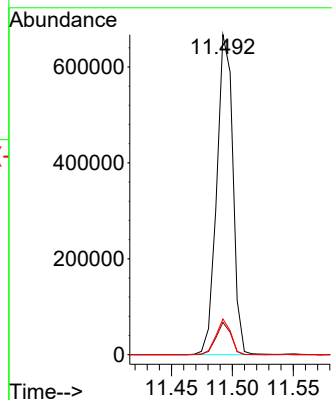
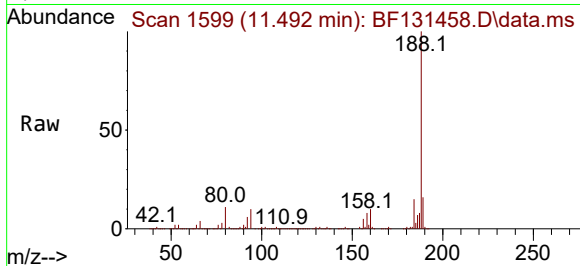




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

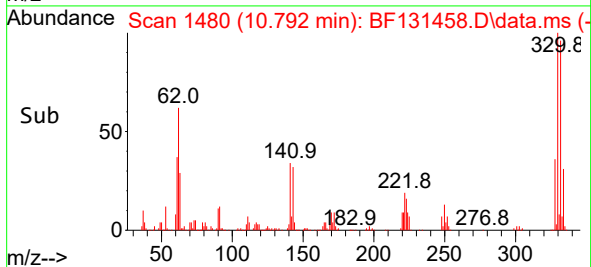
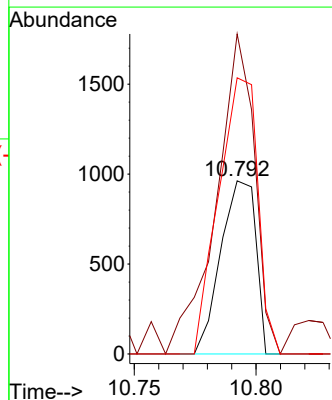
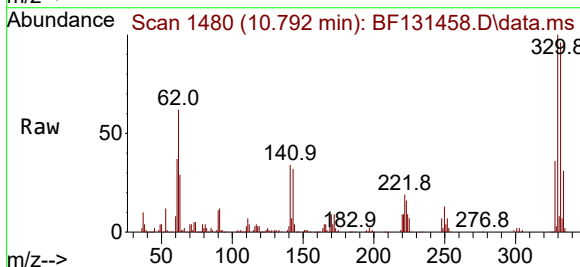
Instrument :
BNA_F
ClientSampleId :
TP-N

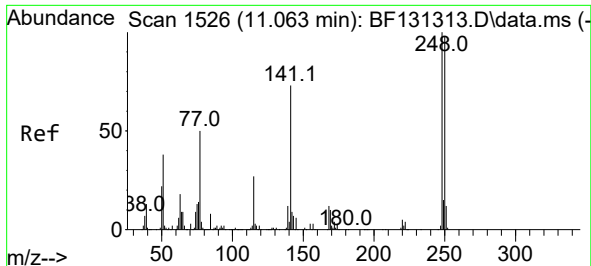
Tgt Ion:188 Resp: 615902
Ion Ratio Lower Upper
188 100
94 10.1 6.3 9.5#
80 11.2 6.8 10.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.982 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.188 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:198 Resp: 962
Ion Ratio Lower Upper
198 100
51 184.7 50.1 90.1#
105 159.4 32.5 72.5#

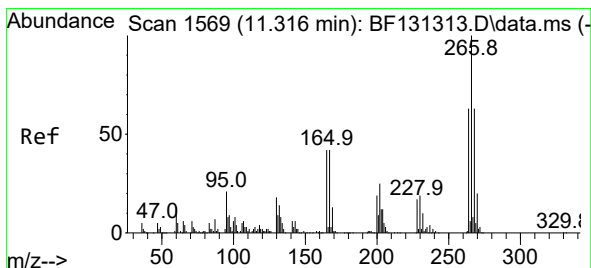
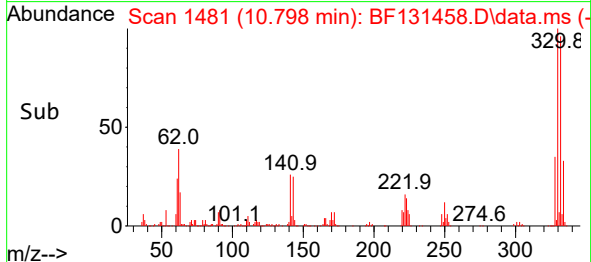
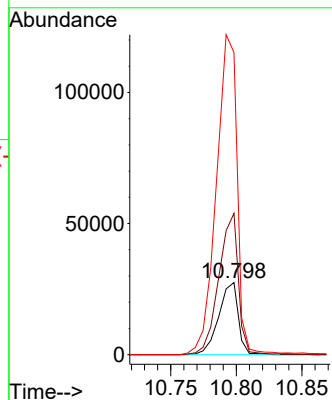
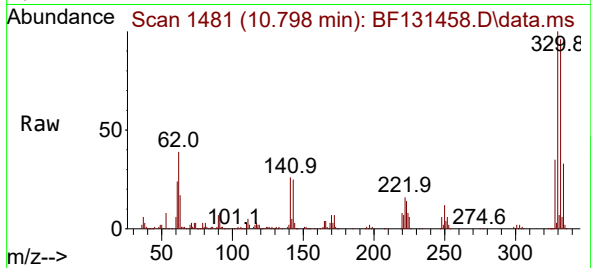




#67
4-Bromophenyl-phenylether
Concen: 3.759 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

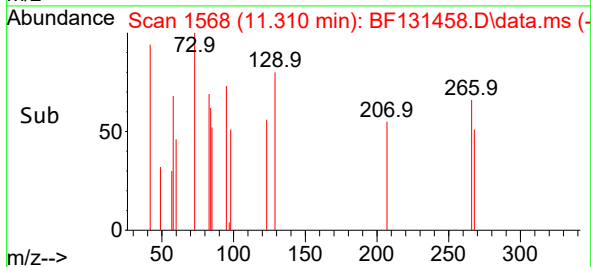
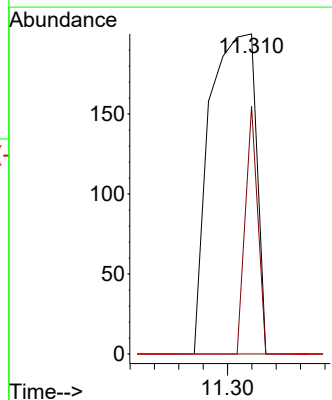
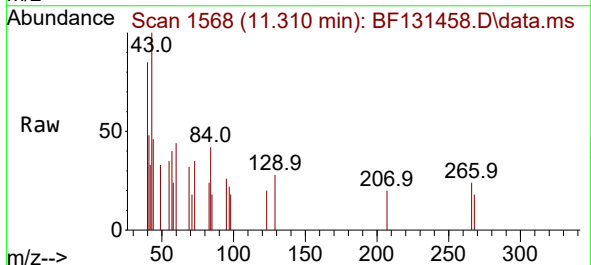
Instrument :
BNA_F
ClientSampleId :
TP-N

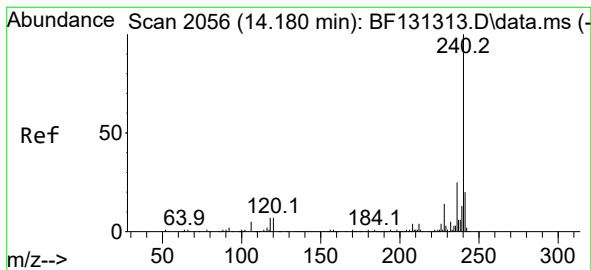
Tgt Ion:248 Resp: 28374
Ion Ratio Lower Upper
248 100
250 195.9 78.3 117.5#
141 419.2 58.0 87.0#



#70
Pentachlorophenol
Concen: 4.931 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Tgt Ion:266 Resp: 262
Ion Ratio Lower Upper
266 100
268 77.5 50.6 75.8#
264 0.0 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.018 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

Instrument :

BNA_F

ClientSampleId :

TP-N

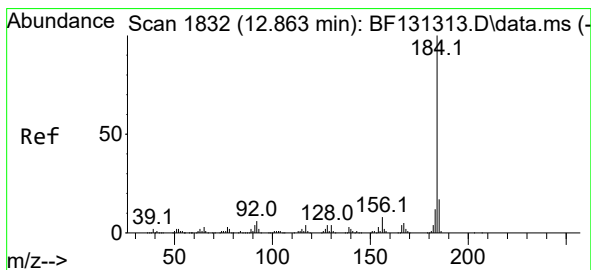
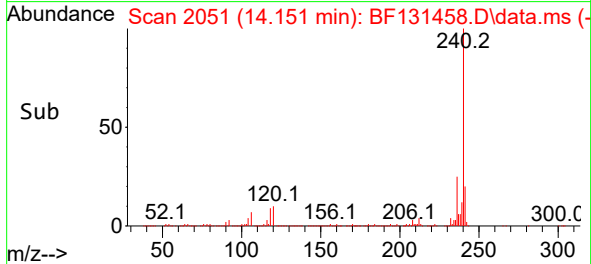
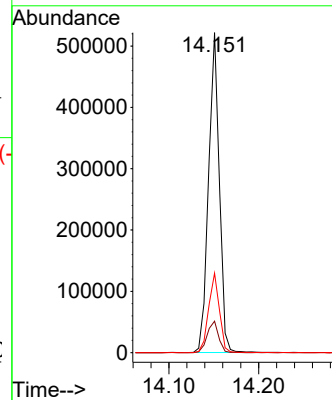
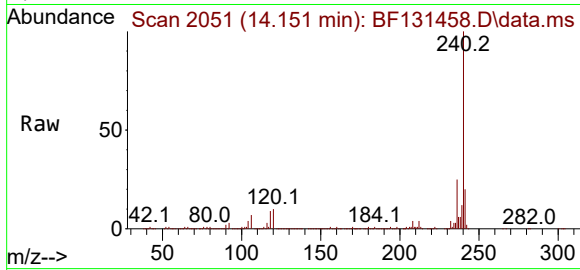
Tgt Ion:240 Resp: 434666

Ion Ratio Lower Upper

240 100

120 9.9 5.8 8.8#

236 24.8 20.3 30.5



#77

Benzidine

Concen: 2.989 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.241 min

Lab File: BF131458.D

Acq: 29 Nov 2022 15:59

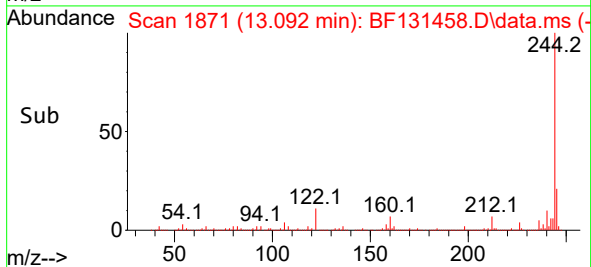
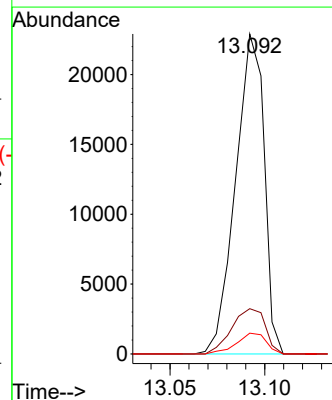
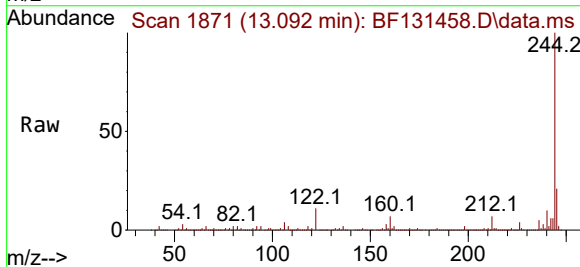
Tgt Ion:184 Resp: 23996

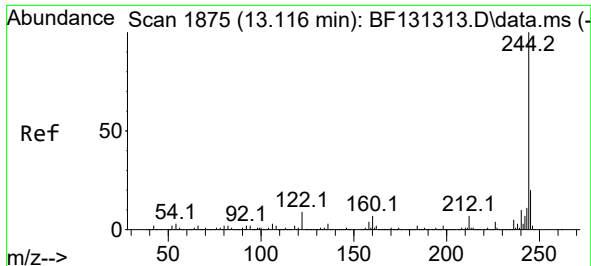
Ion Ratio Lower Upper

184 100

185 14.2 13.8 20.8

183 6.5 9.6 14.4#

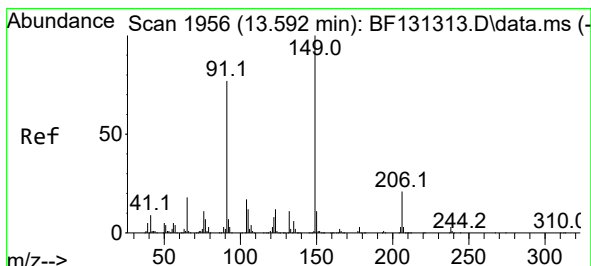
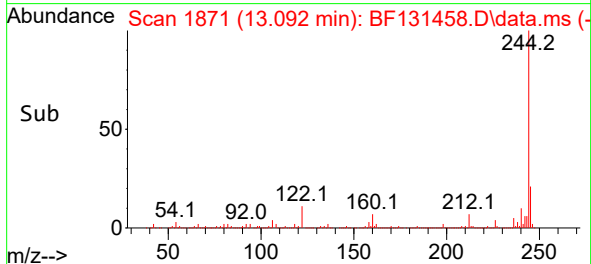
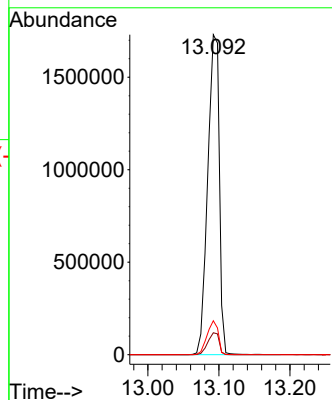
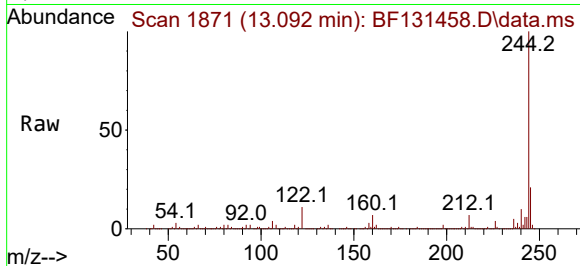




#79
 Terphenyl-d14
 Concen: 74.085 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131458.D
 Acq: 29 Nov 2022 15:59

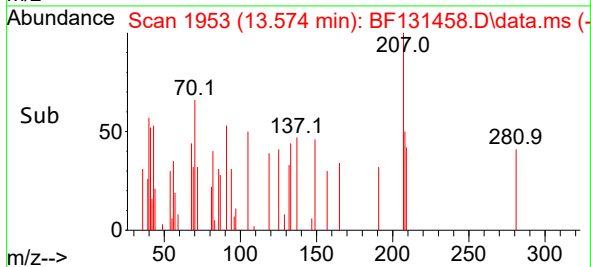
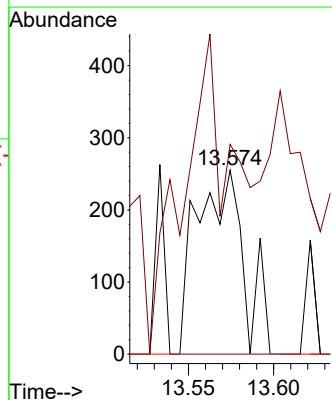
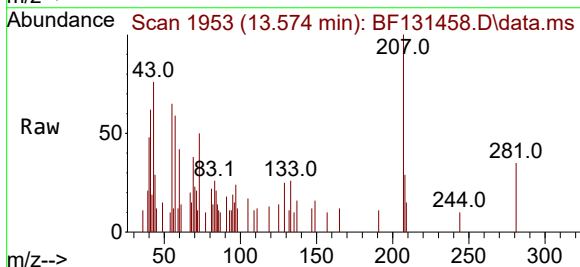
Instrument :
 BNA_F
 ClientSampleId :
 TP-N

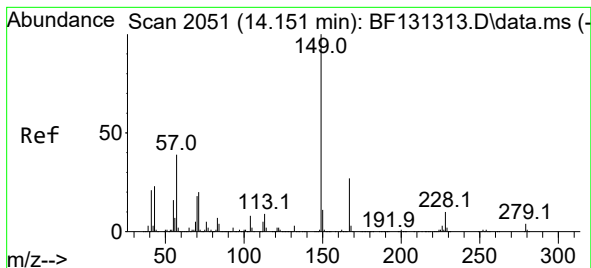
Tgt Ion:244 Resp: 1969240
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.6 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.178 ng
 RT: 13.574 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: BF131458.D
 Acq: 29 Nov 2022 15:59

Tgt Ion:149 Resp: 492
 Ion Ratio Lower Upper
 149 100
 91 114.1 61.9 92.9#
 206 0.0 16.5 24.7#

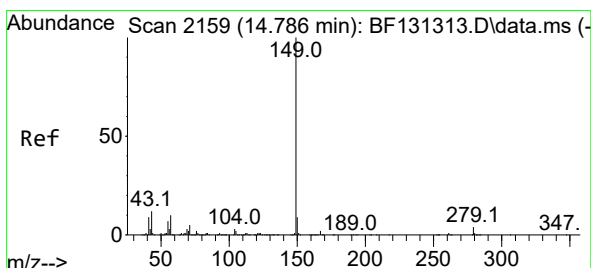
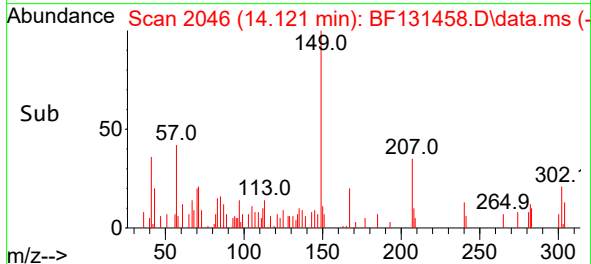
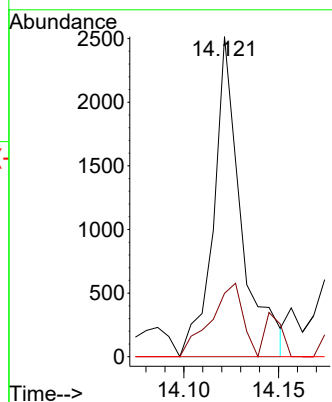
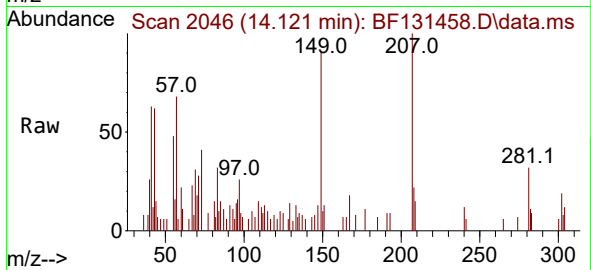




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.886 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

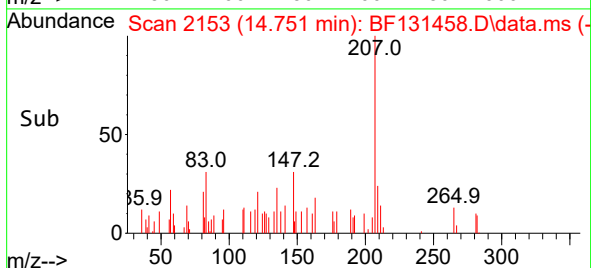
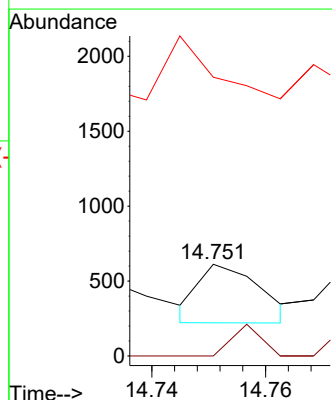
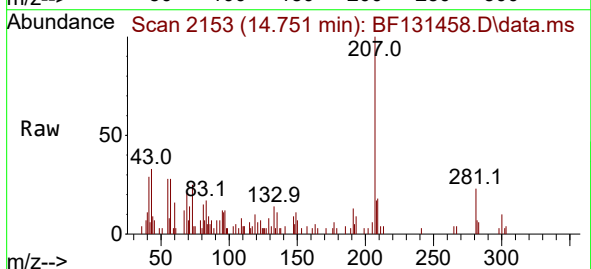
Instrument :
BNA_F
ClientSampleId :
TP-N

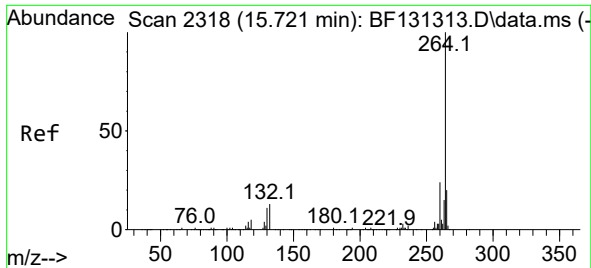
Tgt Ion:149 Resp: 2546
Ion Ratio Lower Upper
149 100
167 19.8 21.9 32.9#
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.915 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

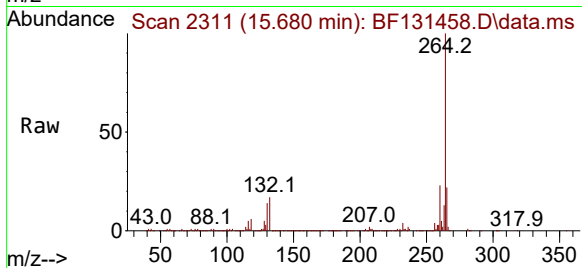
Tgt Ion:149 Resp: 292
Ion Ratio Lower Upper
149 100
167 25.7 1.2 1.8#
43 82.2 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131458.D
Acq: 29 Nov 2022 15:59

Instrument :
BNA_F
ClientSampleId :
TP-N



Tgt Ion:264 Resp: 319755
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.6 16.4 24.6

