

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131149.D
 Acq On : 11 Nov 2022 11:54
 Operator : CG\JU
 Sample : N5534-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)

Quant Time: Nov 11 14:41:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

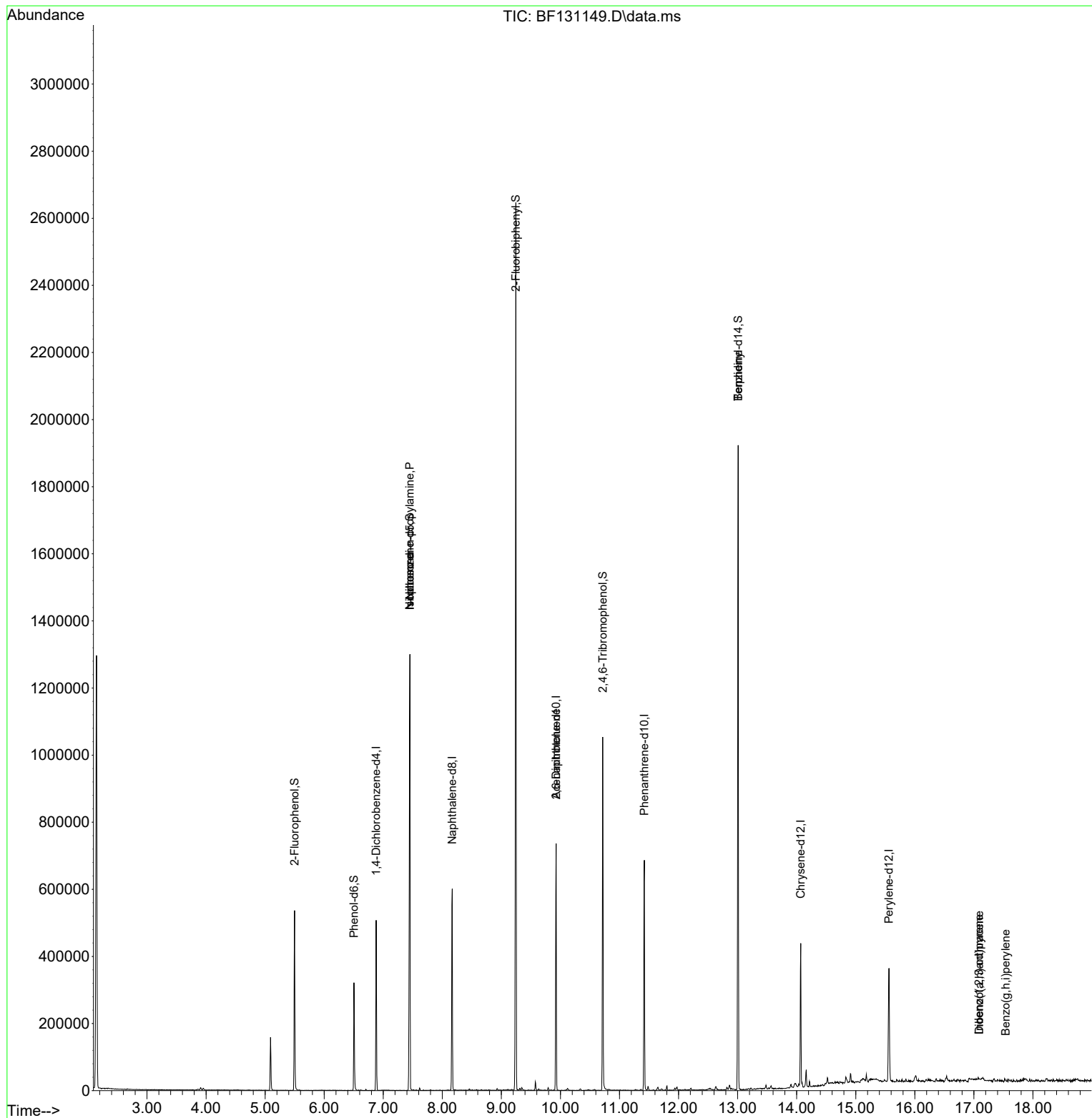
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61750	20.000	ng	-0.01
21) Naphthalene-d8	8.169	136	248933	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	136267	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	242938	20.000	ng	0.00
76) Chrysene-d12	14.068	240	133586	20.000	ng	-0.01
86) Perylene-d12	15.562	264	145428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	120727	33.249	ng	0.00
7) Phenol-d6	6.504	99	87758	18.487	ng	-0.02
23) Nitrobenzene-d5	7.451	82	407652	73.887	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	104788	74.408	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	720010	73.761	ng	-0.01
79) Terphenyl-d14	13.010	244	594399	78.015	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	57743	18.526	ng	# 73
25) Isophorone	7.451	82	407644	47.785	ng	# 68
51) 2,6-Dinitrotoluene	9.927	165	17472	8.202	ng	# 14
77) Benzidine	13.010	184	8797	2.232	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.086	276	988	3.941	ng	# 76
91) Dibenzo(a,h)anthracene	17.092	278	1188	3.952	ng	# 51
92) Benzo(g,h,i)perylene	17.539	276	1007	4.455	ng	# 69

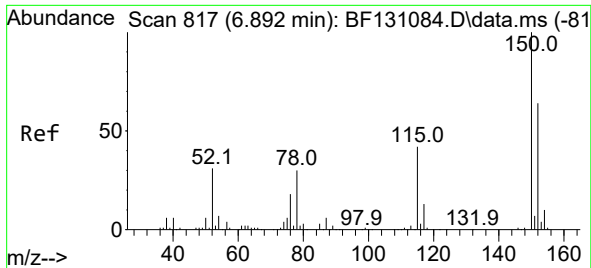
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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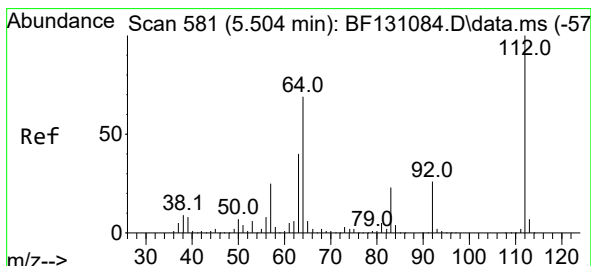
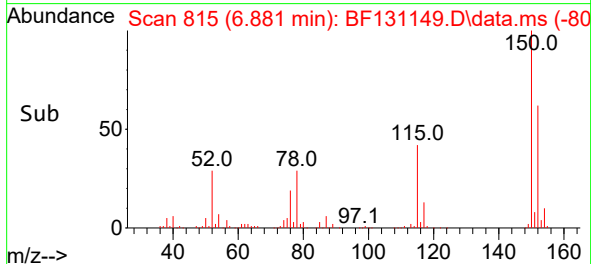
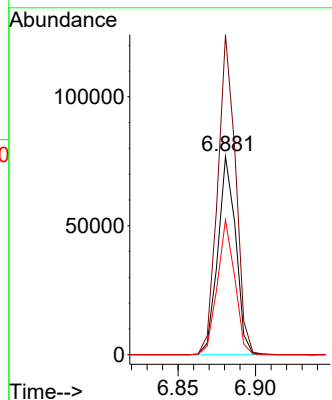
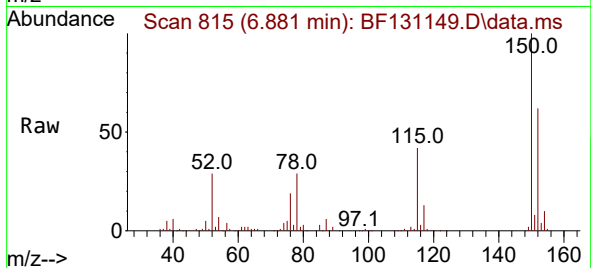




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

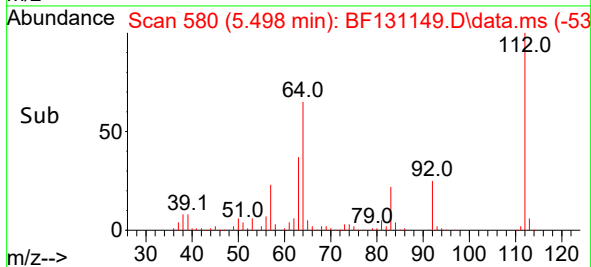
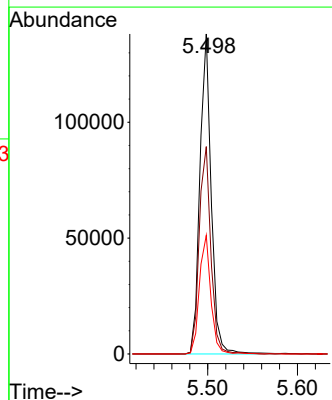
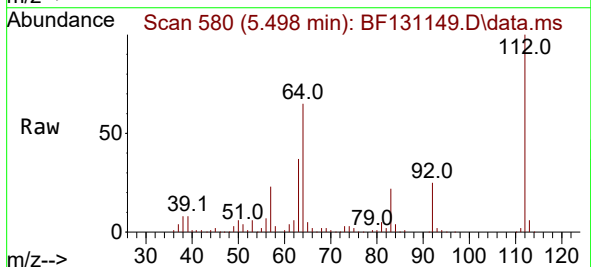
Instrument :
BNA_F
ClientSampleId :
B-3(OW)

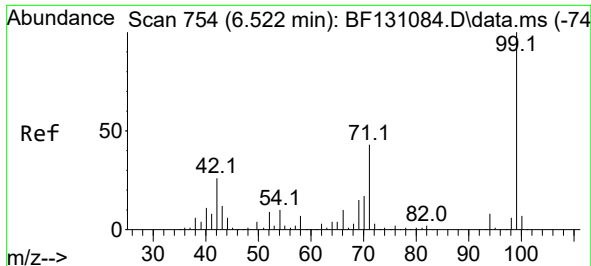
Tgt Ion:152 Resp: 61750
Ion Ratio Lower Upper
152 100
150 161.4 125.5 188.3
115 68.0 52.2 78.2



#5
2-Fluorophenol
Concen: 33.249 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion:112 Resp: 120727
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 37.1 32.4 48.6

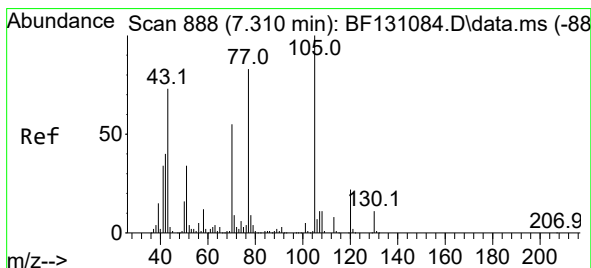
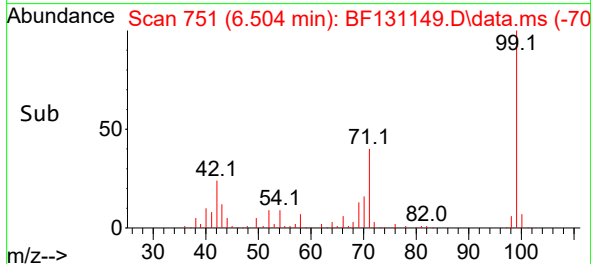
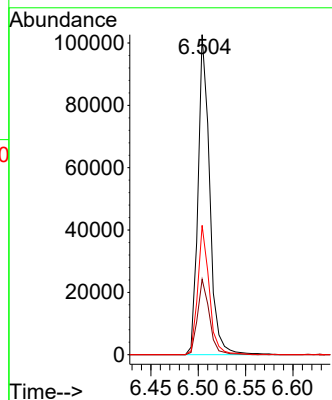
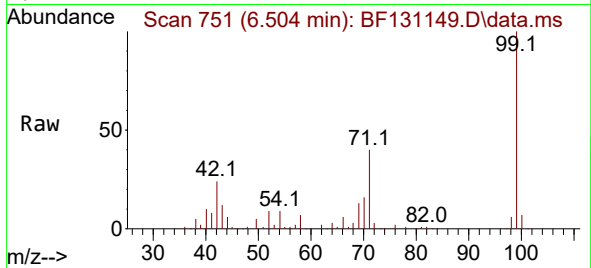




#7
Phenol-d6
Concen: 18.487 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

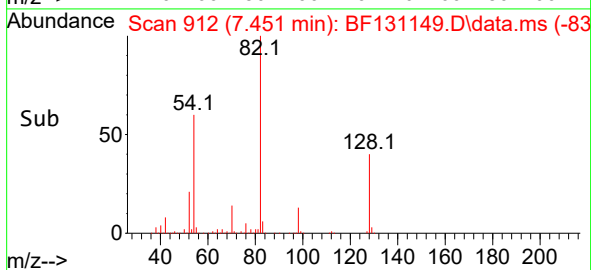
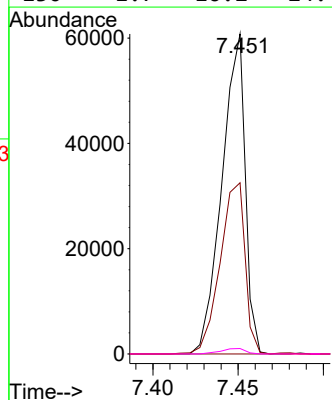
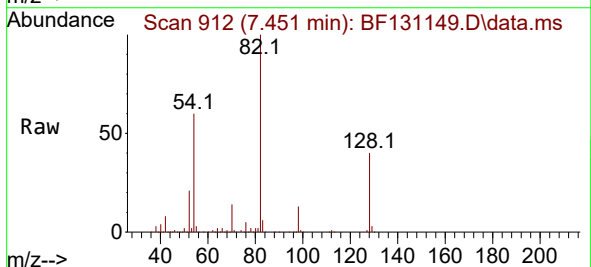
Instrument :
BNA_F
ClientSampleId :
B-3(OW)

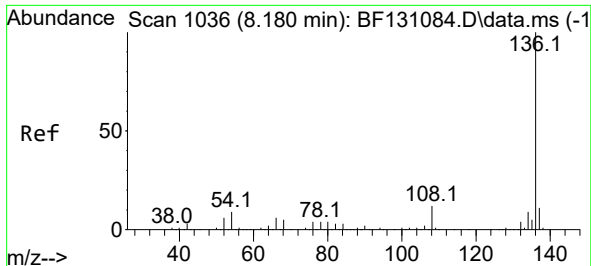
Tgt Ion: 99 Resp: 87758
Ion Ratio Lower Upper
99 100
42 23.6 20.8 31.2
71 40.4 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.526 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion: 70 Resp: 57743
Ion Ratio Lower Upper
70 100
42 53.5 58.3 87.5#
101 0.0 7.4 11.2#
130 1.7 16.2 24.4#

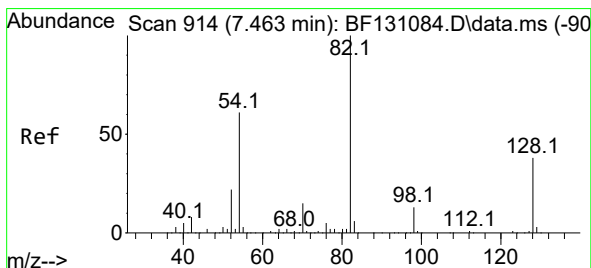
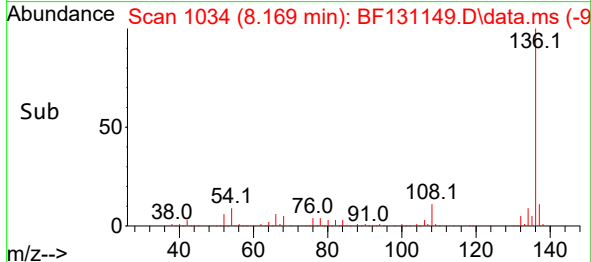
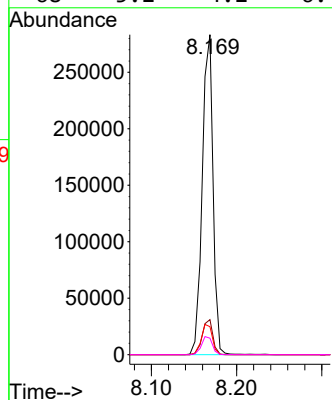
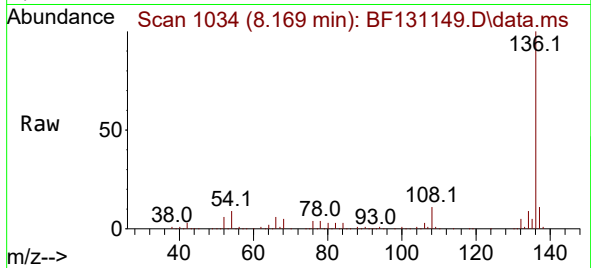




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

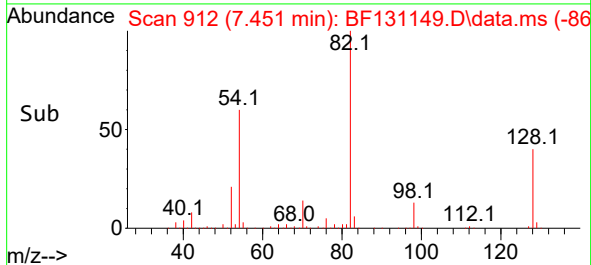
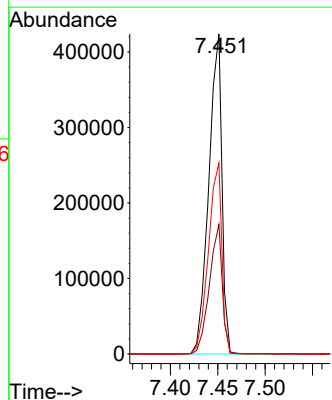
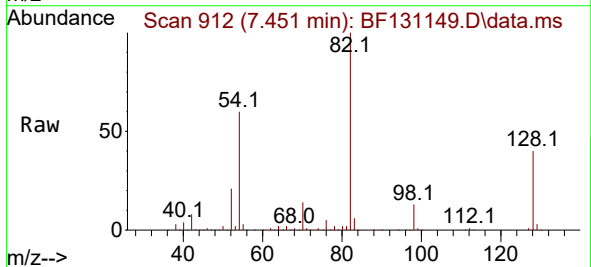
Instrument :
BNA_F
ClientSampleId :
B-3(OW)

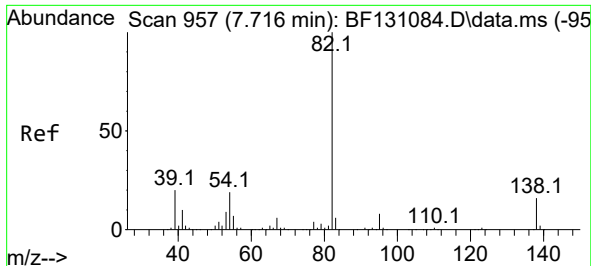
Tgt Ion:136 Resp: 248933
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.8 7.2 10.8
68 5.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 73.887 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion: 82 Resp: 407652
Ion Ratio Lower Upper
82 100
128 40.4 30.5 45.7
54 59.7 49.1 73.7

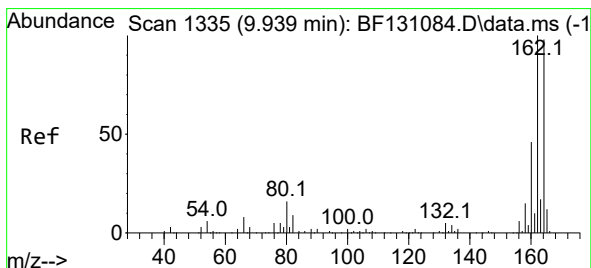
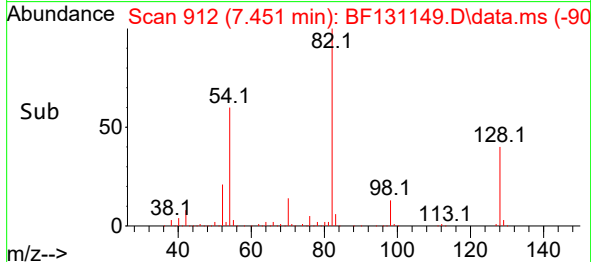
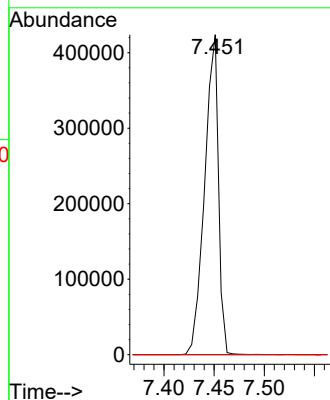
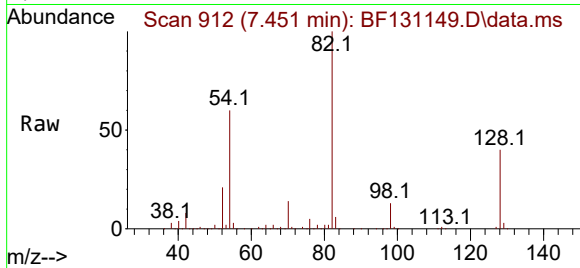




#25
Isophorone
Concen: 47.785 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

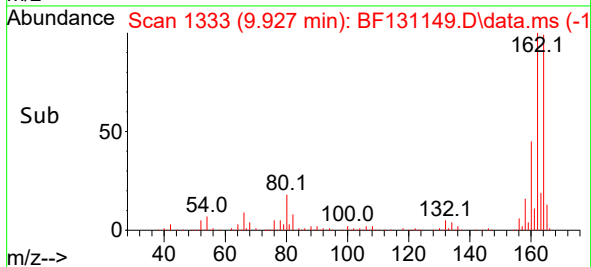
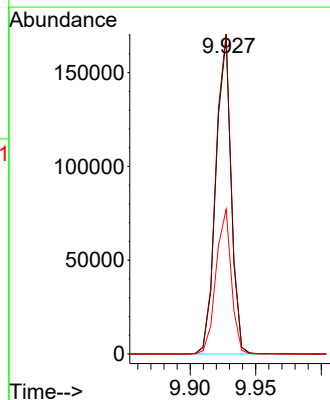
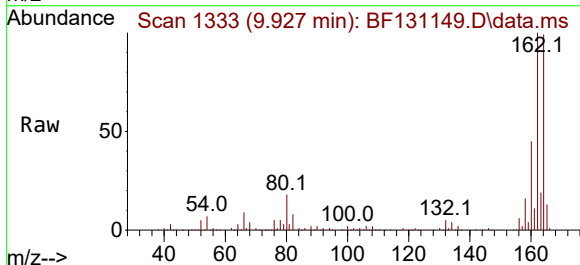
Instrument :
BNA_F
ClientSampleId :
B-3(OW)

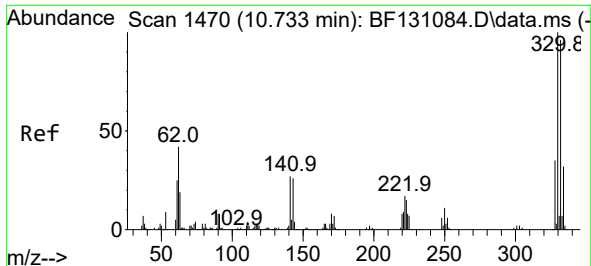
Tgt Ion: 82 Resp: 407644
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion:164 Resp: 136267
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 45.7 37.4 56.2

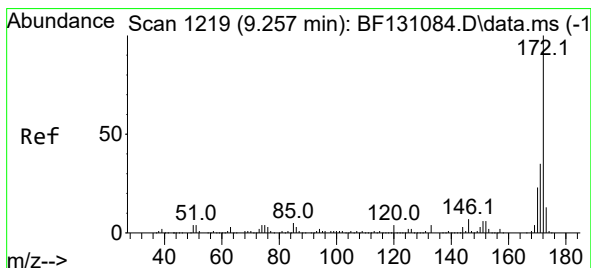
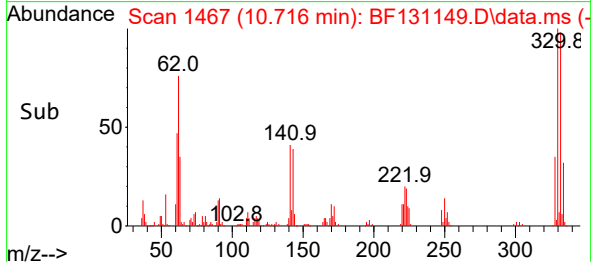
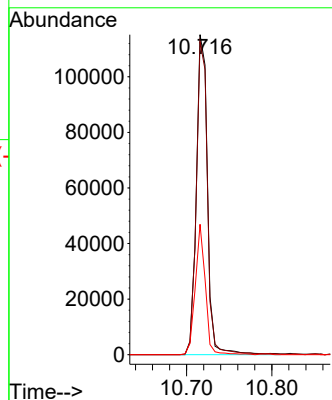
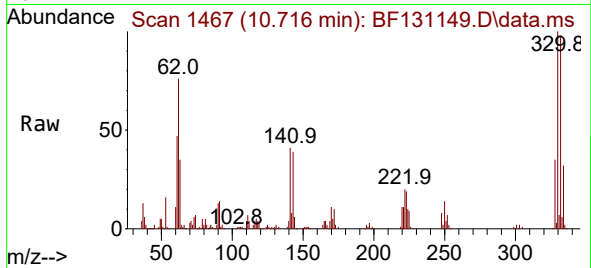




#42
2,4,6-Tribromophenol
Concen: 74.408 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.018 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

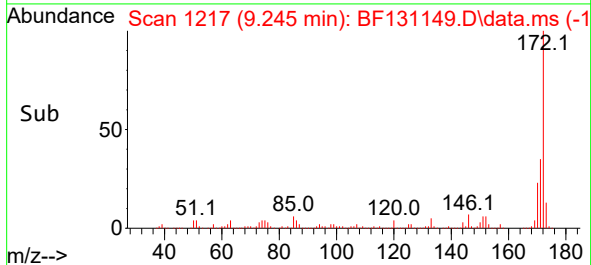
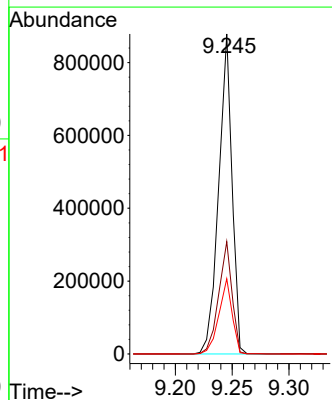
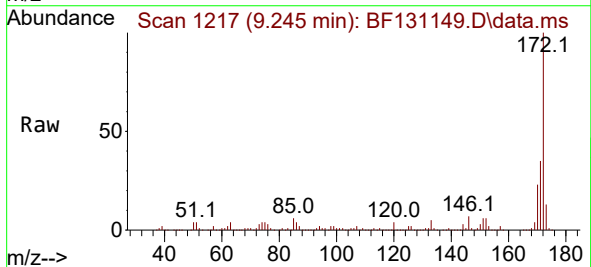
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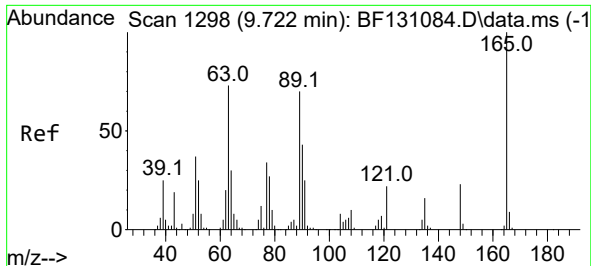
Tgt Ion:330 Resp: 104788
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 36.7 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 73.761 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion:172 Resp: 720010
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.5 18.8 28.2

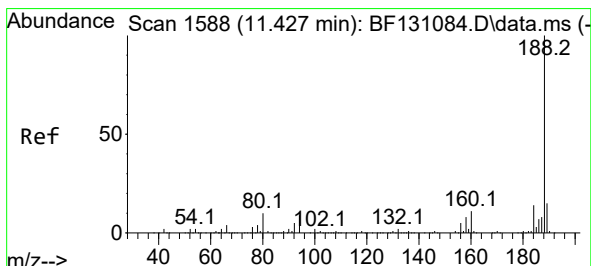
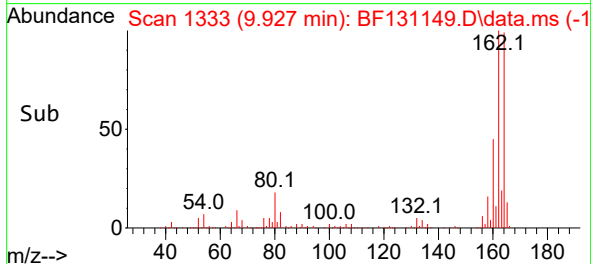
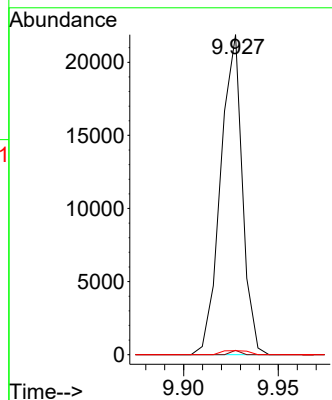
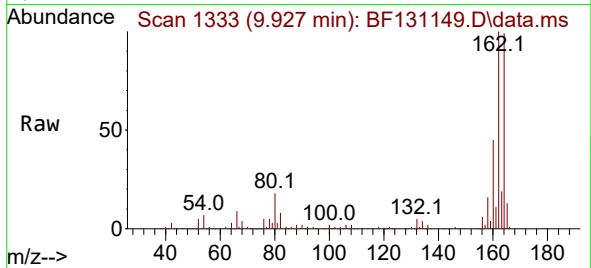




#51
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

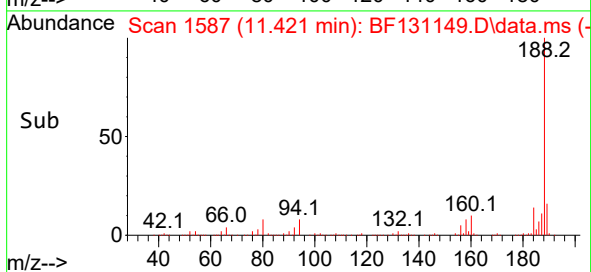
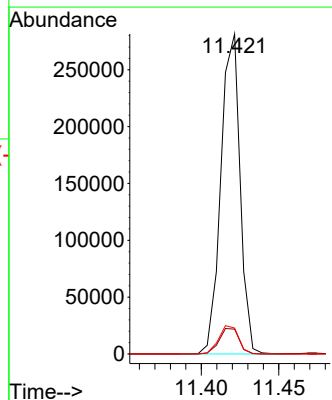
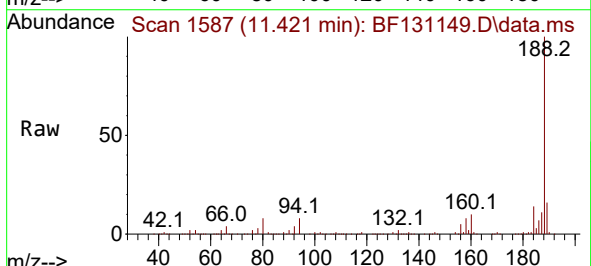
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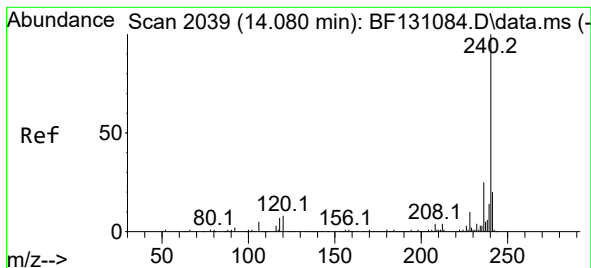
Tgt Ion:165 Resp: 17472
Ion Ratio Lower Upper
165 100
63 1.3 61.4 92.2#
89 1.2 56.0 84.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131149.D
Acq: 11 Nov 2022 11:54

Tgt Ion:188 Resp: 242938
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.1 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

Instrument :

BNA_F

ClientSampleId :

B-3(OW)

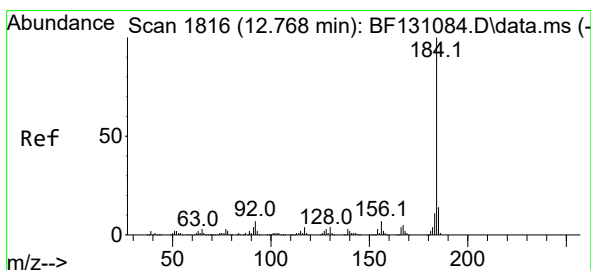
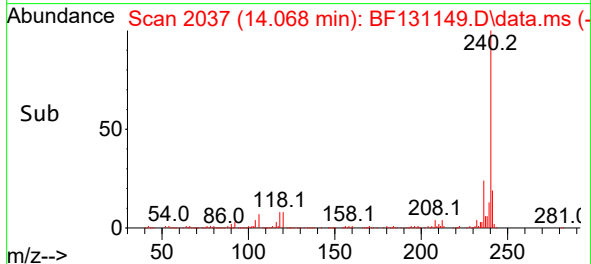
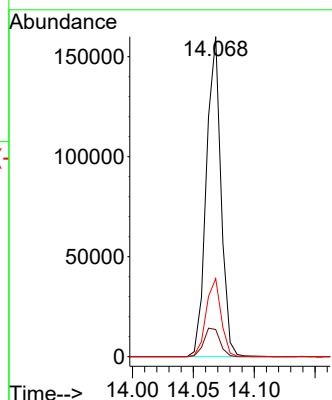
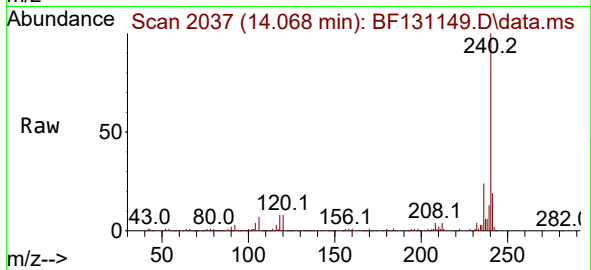
Tgt Ion:240 Resp: 133586

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 24.4 19.7 29.5



#77

Benzidine

Concen: 2.232 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.241 min

Lab File: BF131149.D

Acq: 11 Nov 2022 11:54

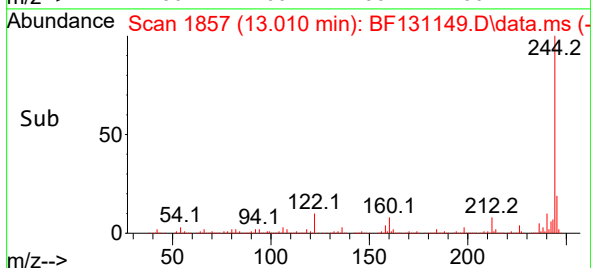
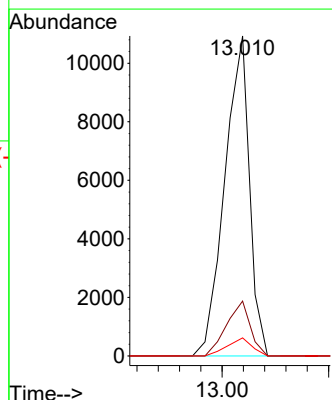
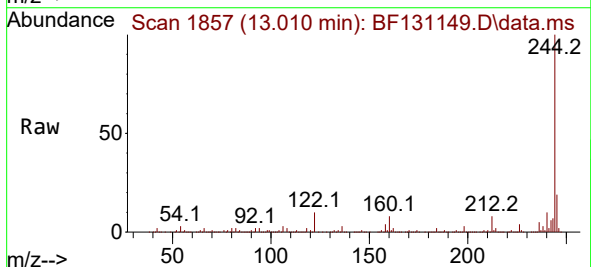
Tgt Ion:184 Resp: 8797

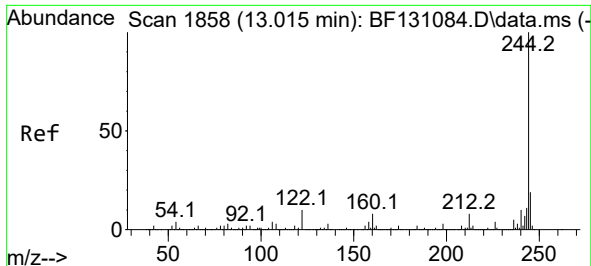
Ion Ratio Lower Upper

184 100

185 17.1 11.4 17.0#

183 5.6 9.0 13.4#

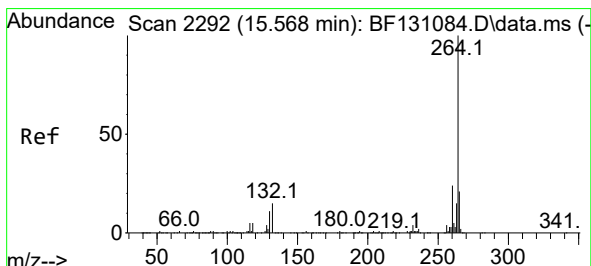
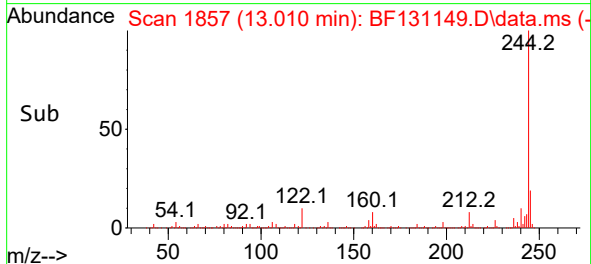
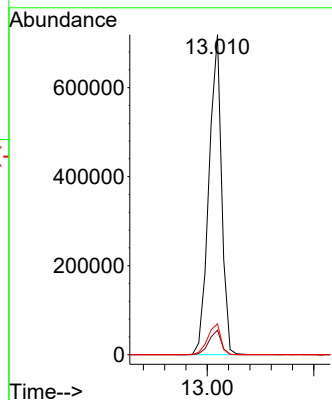
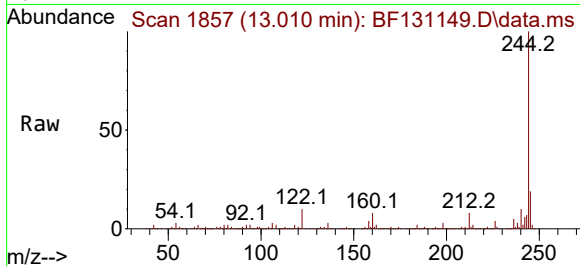




#79
 Terphenyl-d14
 Concen: 78.015 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BF131149.D
 Acq: 11 Nov 2022 11:54

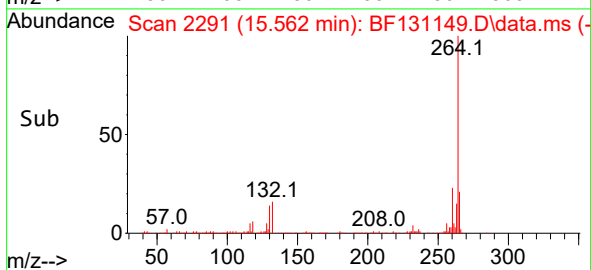
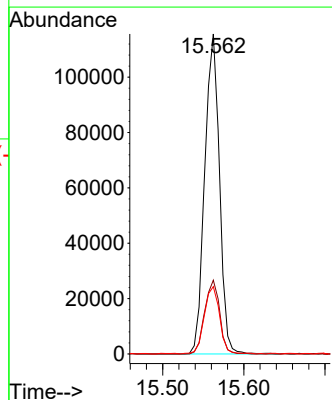
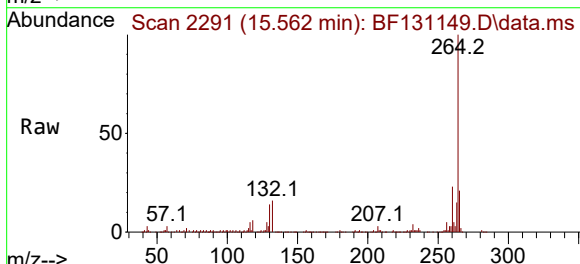
Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)

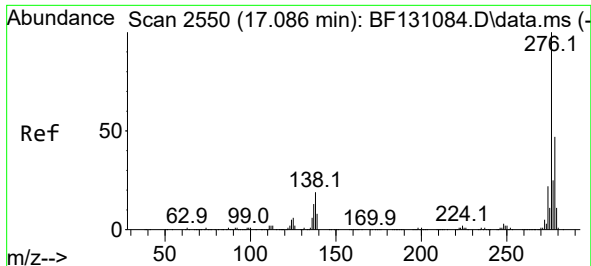
Tgt Ion:244 Resp: 594399
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131149.D
 Acq: 11 Nov 2022 11:54

Tgt Ion:264 Resp: 145428
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.1 16.7 25.1

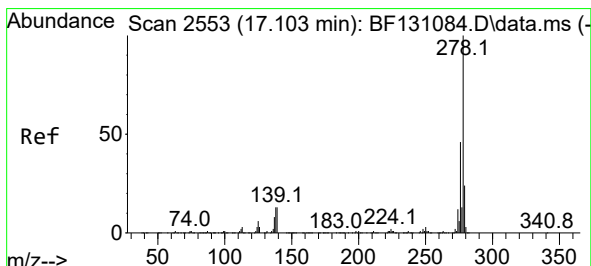
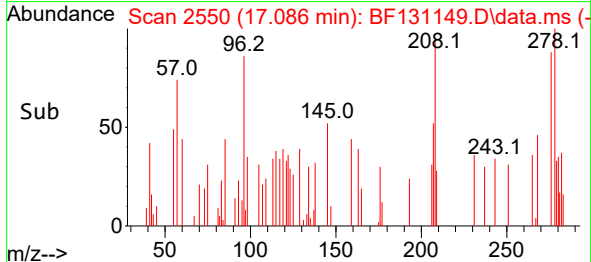
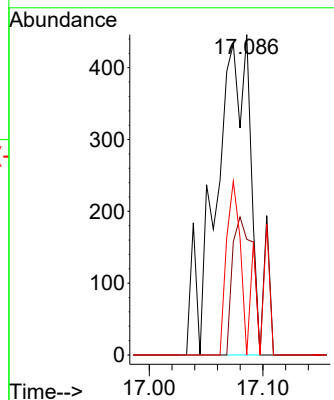
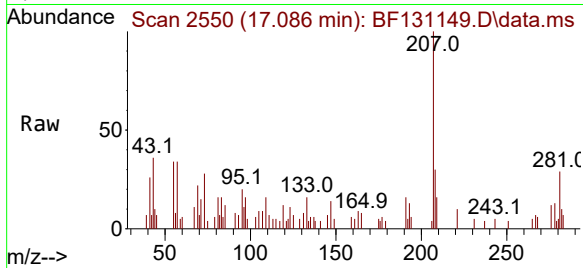




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.941 ng
 RT: 17.086 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BF131149.D
 Acq: 11 Nov 2022 11:54

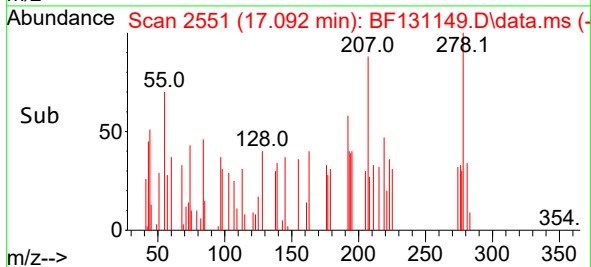
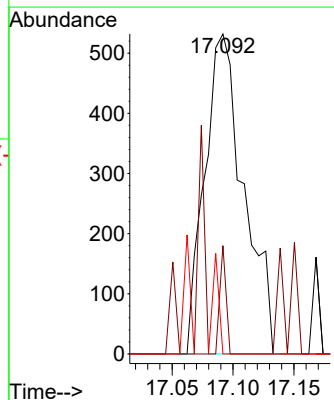
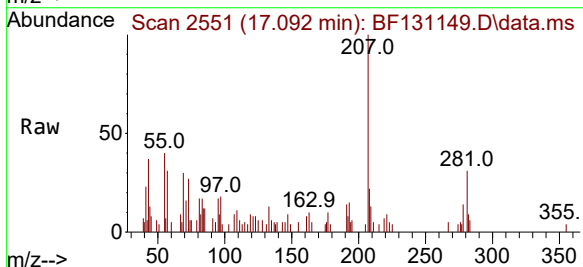
Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)

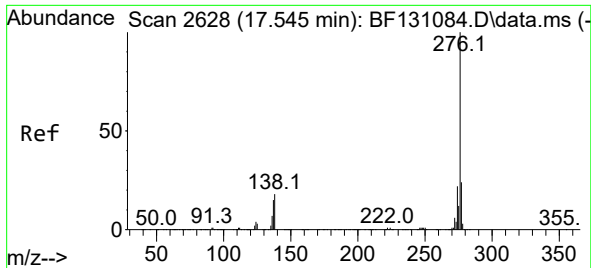
Tgt Ion:276 Resp: 988
 Ion Ratio Lower Upper
 276 100
 138 23.9 16.9 25.3
 277 5.7 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.952 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. -0.011 min
 Lab File: BF131149.D
 Acq: 11 Nov 2022 11:54

Tgt Ion:278 Resp: 1188
 Ion Ratio Lower Upper
 278 100
 139 33.8 10.8 16.2#
 279 0.0 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.455 ng
 RT: 17.539 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF131149.D
 Acq: 11 Nov 2022 11:54

Instrument :
 BNA_F
 ClientSampleId :
 B-3(OW)

Tgt Ion:276 Resp: 1007
 Ion Ratio Lower Upper
 276 100
 277 35.3 19.0 28.4#
 138 0.0 14.6 21.8#

