

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131155.D
 Acq On : 11 Nov 2022 15:08
 Operator : CG\JU
 Sample : N5531-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28A

Quant Time: Nov 11 16:12:00 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)

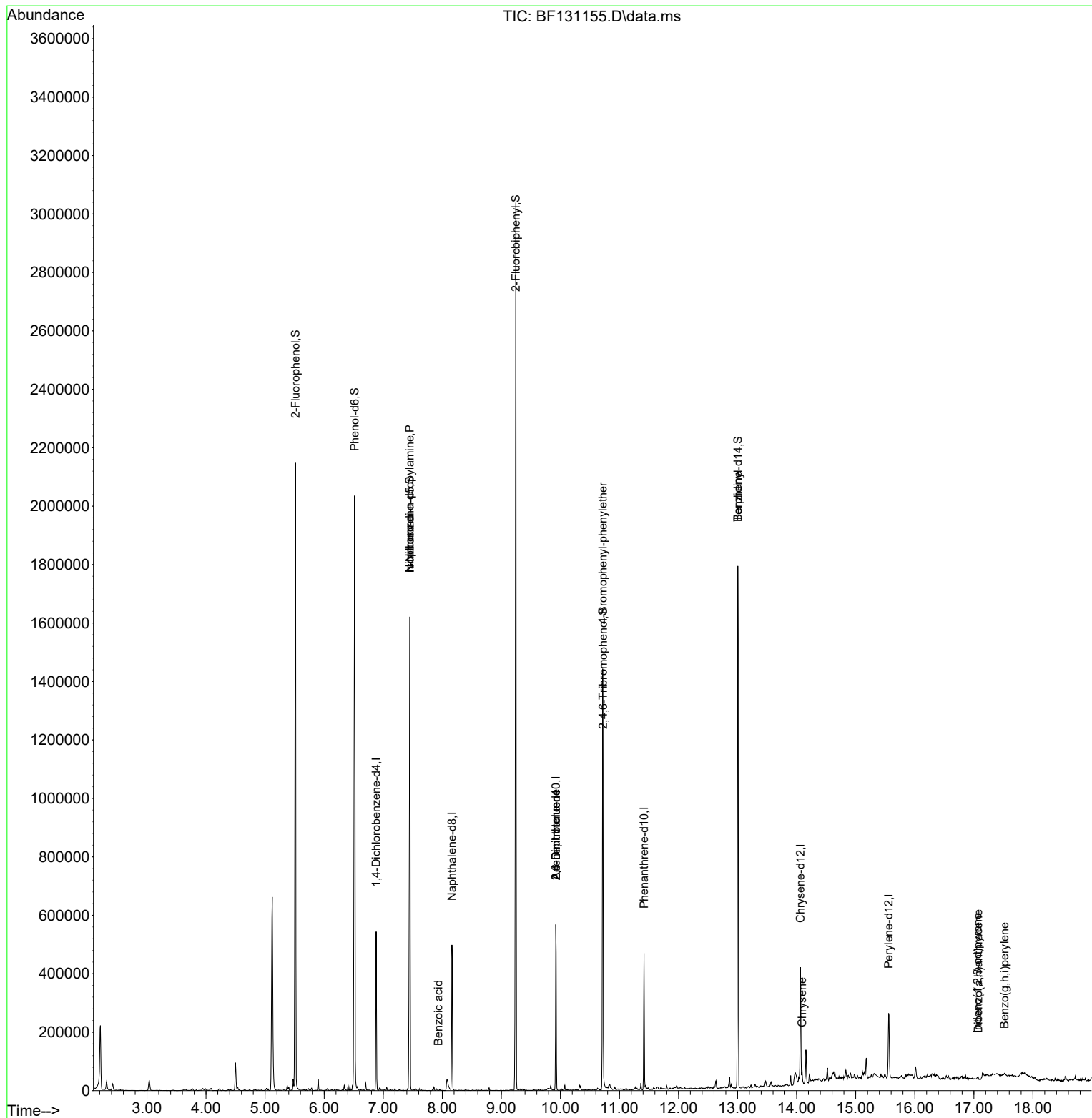
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65891	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	209560	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	108726	20.000	ng	-0.02
64) Phenanthrene-d10	11.416	188	151699	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	123995	20.000	ng	#-0.02
86) Perylene-d12	15.557	264	92366	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	538817	139.066	ng	0.01
7) Phenol-d6	6.516	99	693245	136.857	ng	0.00
23) Nitrobenzene-d5	7.451	82	525024	113.039	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	160258	142.622	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	868391	111.496	ng	-0.01
79) Terphenyl-d14	13.004	244	619674	87.624	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	71635	21.539	ng	# 76
25) Isophorone	7.451	82	525018	73.106	ng	# 68
32) Benzoic acid	7.934	122	61	5.742	ng	# 31
51) 2,6-Dinitrotoluene	9.922	165	13990	8.231	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	13990	6.192	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	9491	5.533	ng	# 1
77) Benzidine	13.004	184	10024	2.740	ng	# 88
83) Chrysene	14.092	228	18895	2.257	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	2950	4.224	ng	# 84
91) Dibenzo(a,h)anthracene	17.074	278	1323	4.038	ng	# 55
92) Benzo(g,h,i)perylene	17.521	276	4118	4.942	ng	# 83

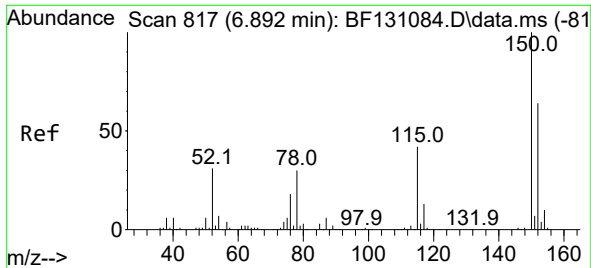
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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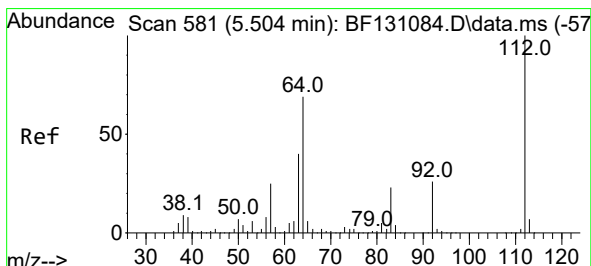
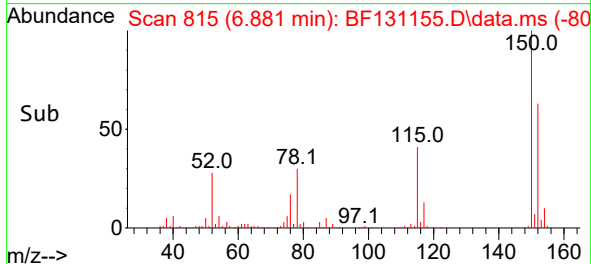
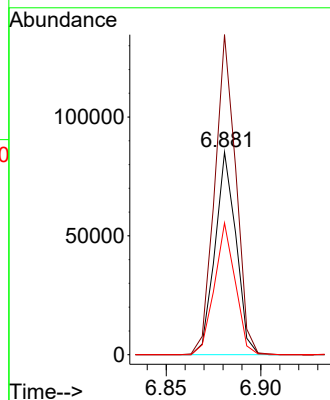
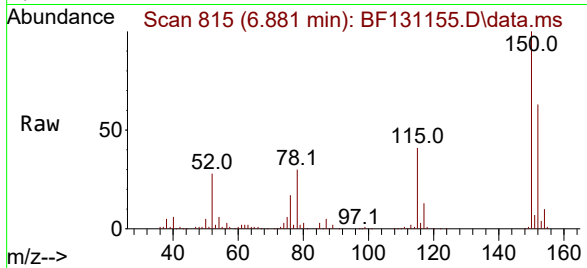




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

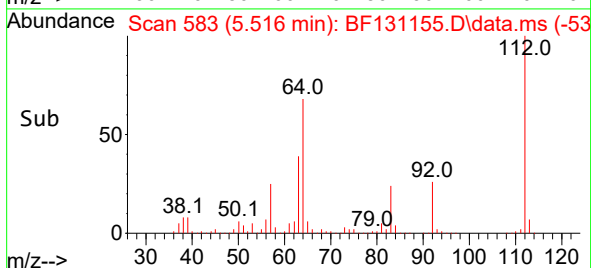
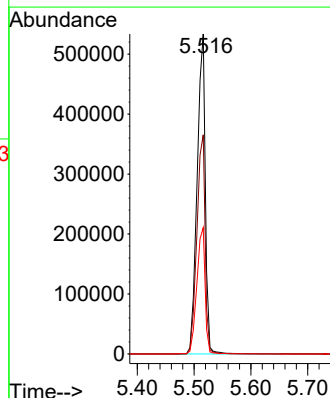
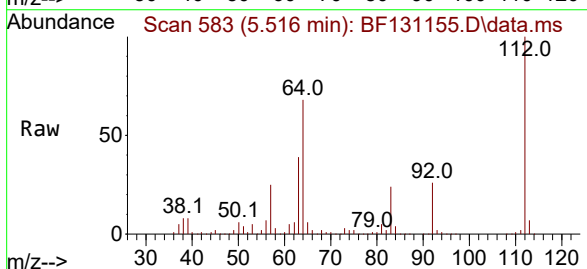
Instrument :
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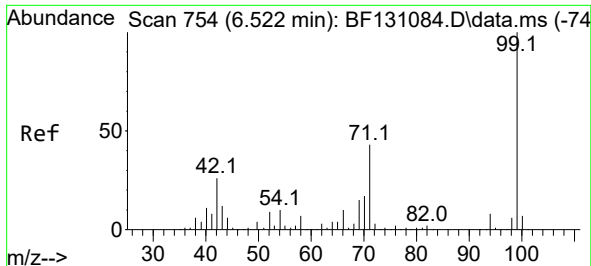
Tgt Ion:152 Resp: 65891
Ion Ratio Lower Upper
152 100
150 158.0 125.5 188.3
115 65.0 52.2 78.2



#5
2-Fluorophenol
Concen: 139.066 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:112 Resp: 538817
Ion Ratio Lower Upper
112 100
64 68.5 55.1 82.7
63 39.4 32.4 48.6

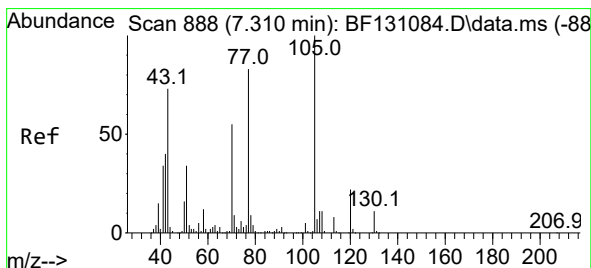
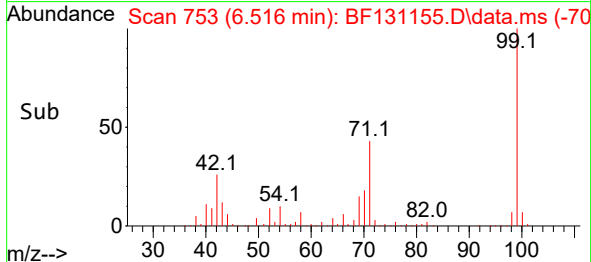
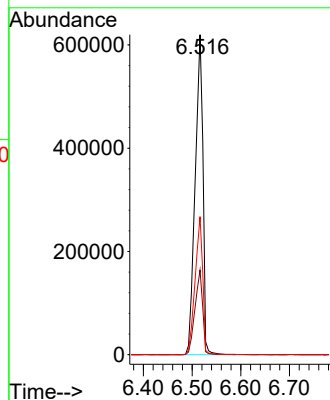
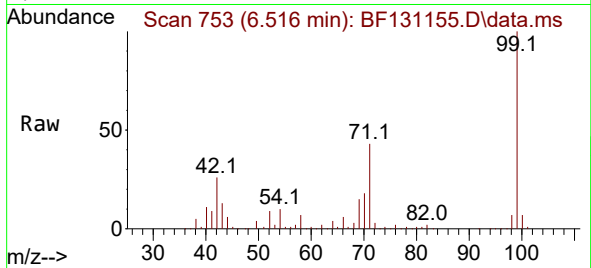




#7
Phenol-d6
Concen: 136.857 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

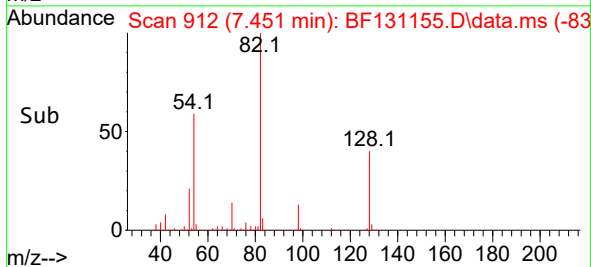
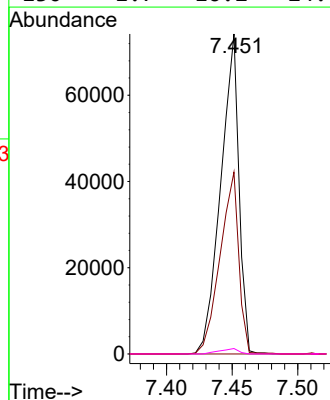
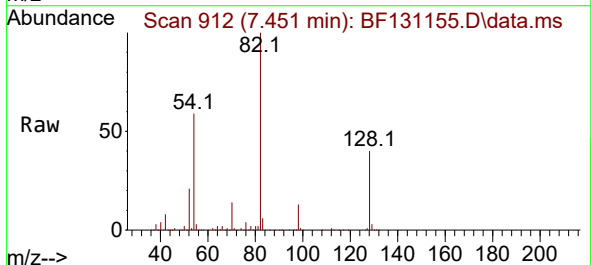
Instrument :
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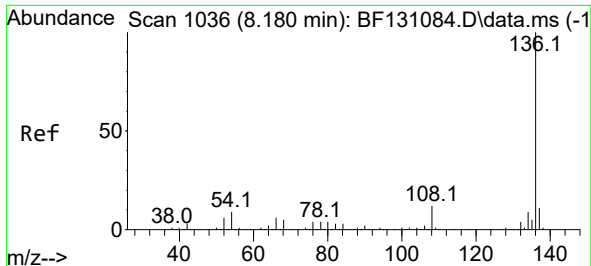
Tgt Ion: 99 Resp: 693245
Ion Ratio Lower Upper
99 100
42 26.4 20.8 31.2
71 43.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.539 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion: 70 Resp: 71635
Ion Ratio Lower Upper
70 100
42 56.8 58.3 87.5#
101 0.0 7.4 11.2#
130 1.7 16.2 24.4#

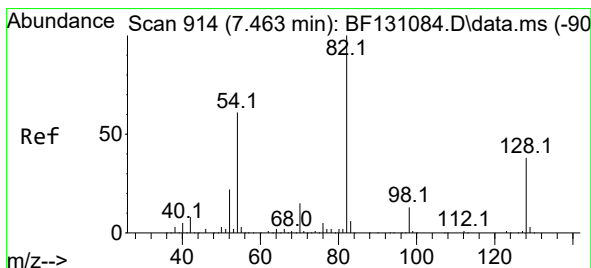
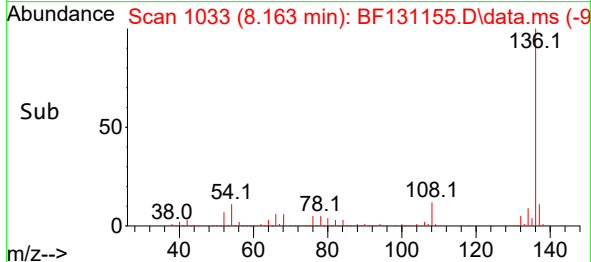
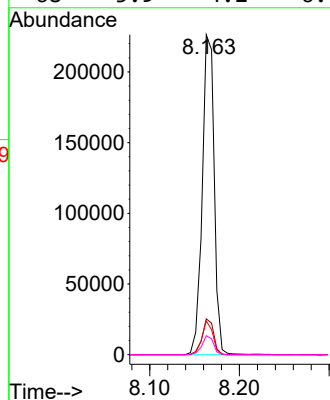
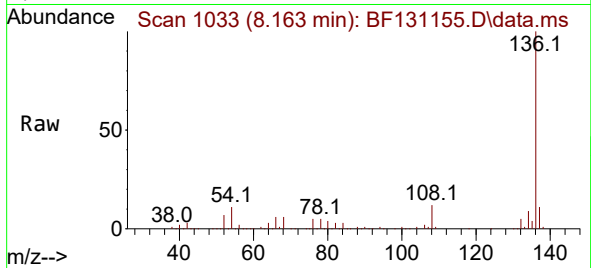




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.017 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

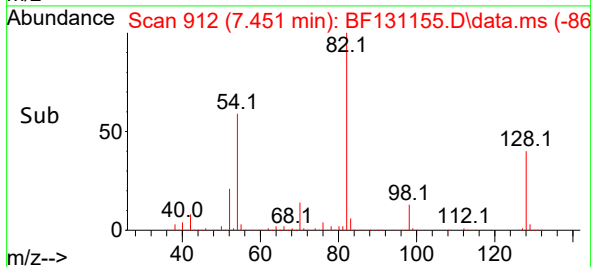
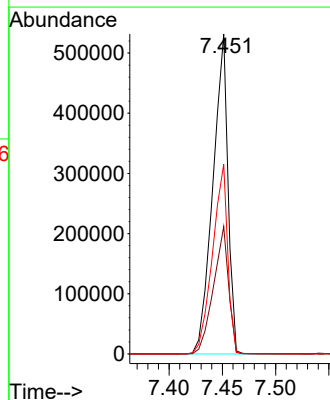
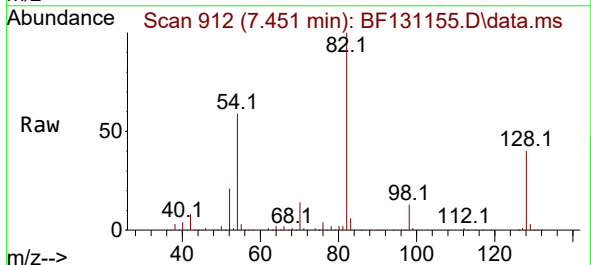
Instrument :
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ClientSampleId :
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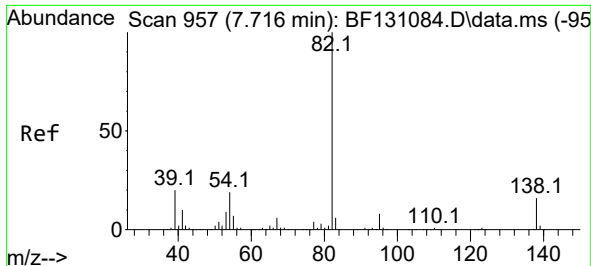
Tgt Ion:	136	Resp:	209560
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	10.5	7.2	10.8
68	5.9	4.2	6.4



#23
Nitrobenzene-d5
Concen: 113.039 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:	82	Resp:	525024
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.5	45.7
54	59.3	49.1	73.7

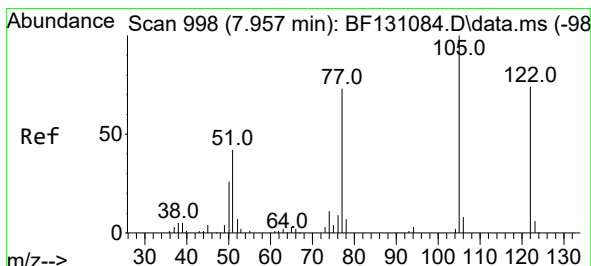
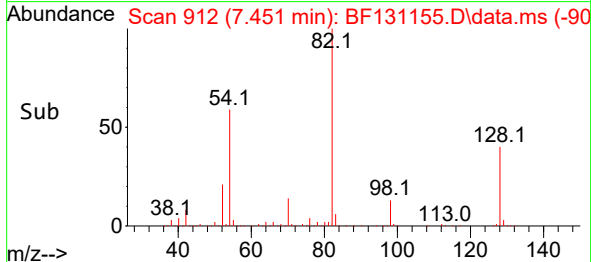
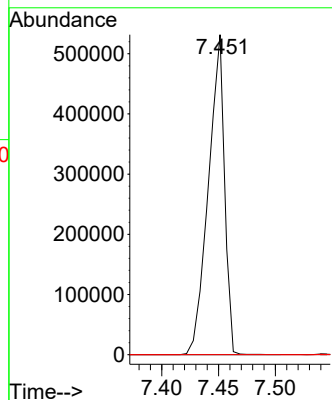
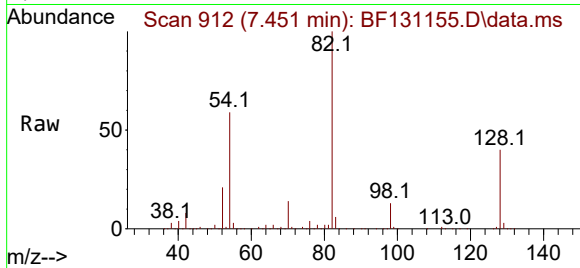




#25
Isophorone
Concen: 73.106 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

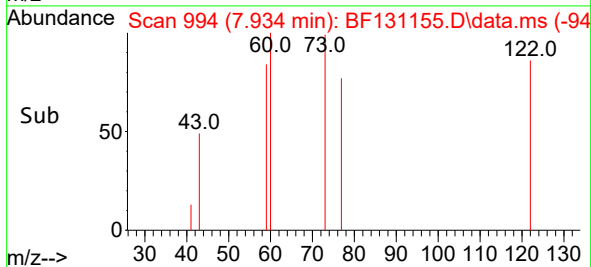
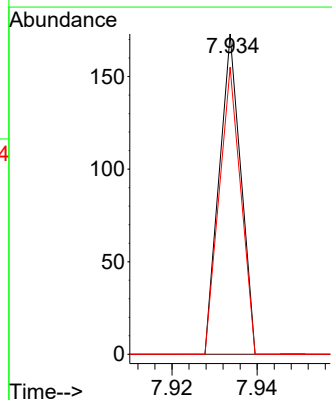
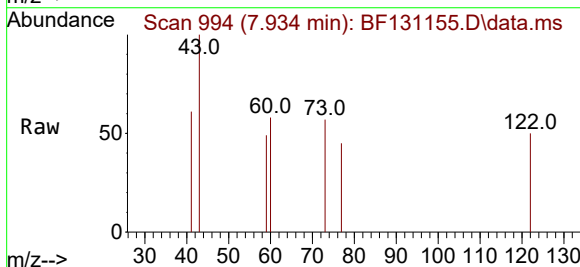
Instrument :
BNA_F
ClientSampleId :
SB-28A

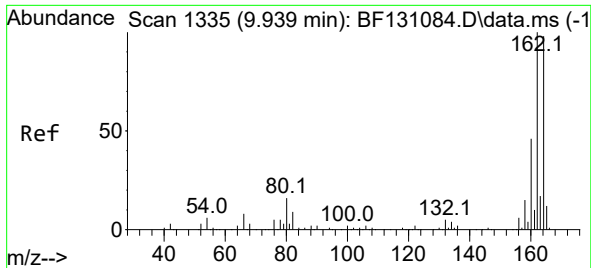
Tgt Ion: 82 Resp: 525018
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.742 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.023 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 89.6 78.7 118.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF131155.D

Acq: 11 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

SB-28A

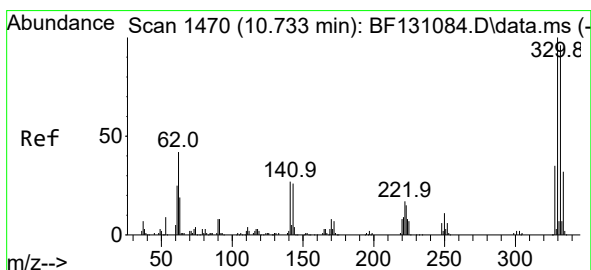
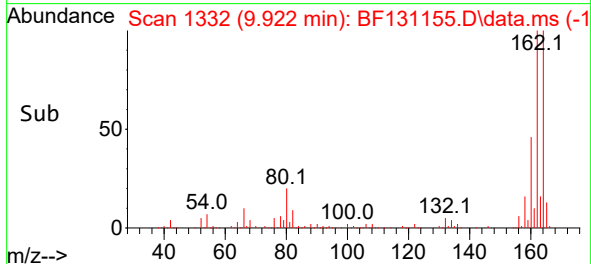
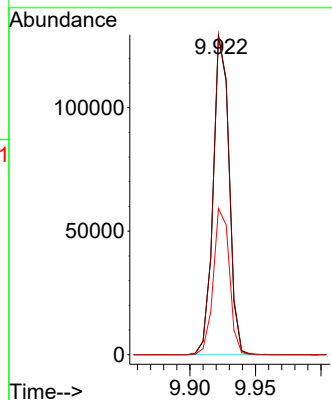
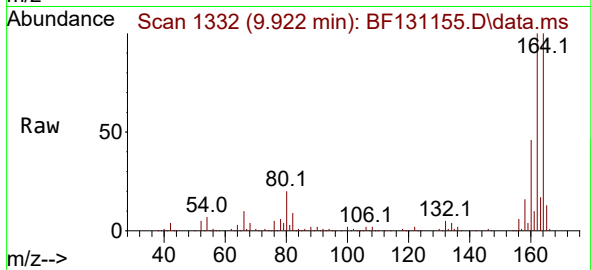
Tgt Ion:164 Resp: 108726

Ion Ratio Lower Upper

164 100

162 100.3 81.7 122.5

160 45.8 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 142.622 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131155.D

Acq: 11 Nov 2022 15:08

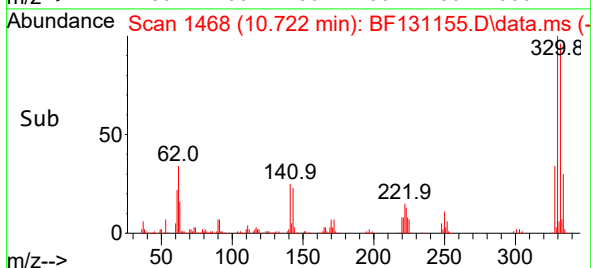
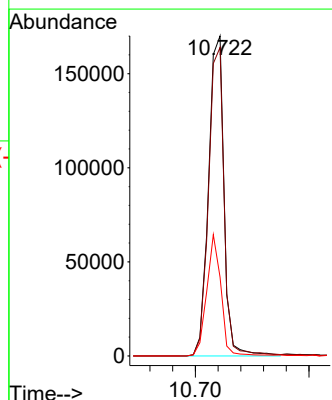
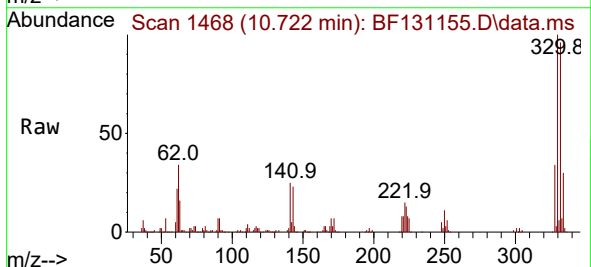
Tgt Ion:330 Resp: 160258

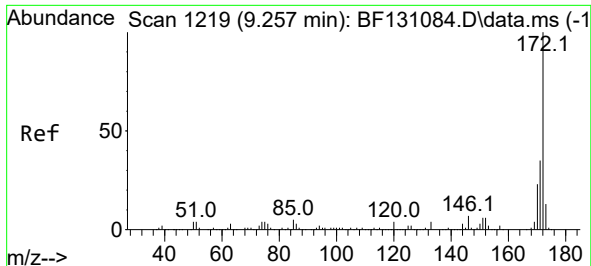
Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.4

141 35.4 28.5 42.7

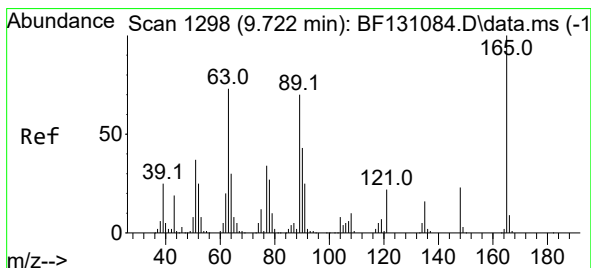
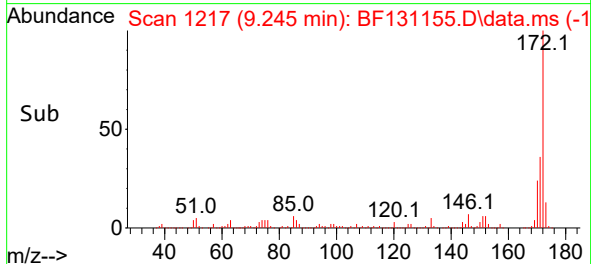
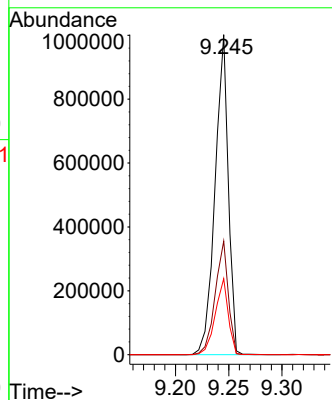
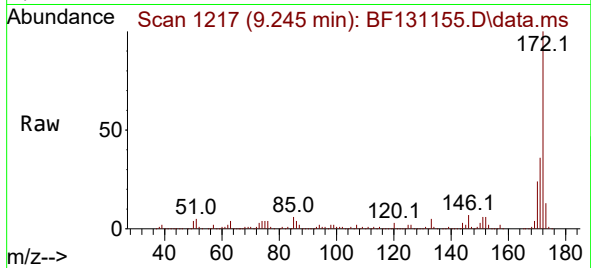




#45
2-Fluorobiphenyl
Concen: 111.496 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

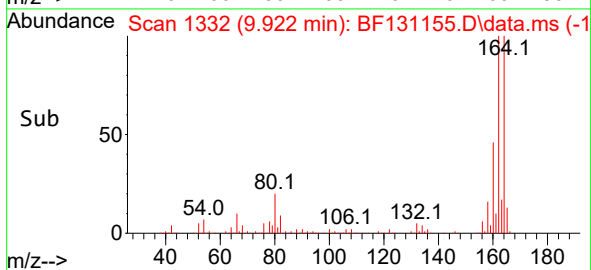
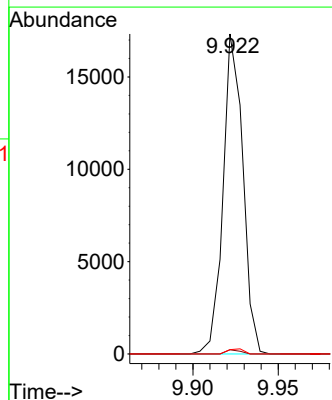
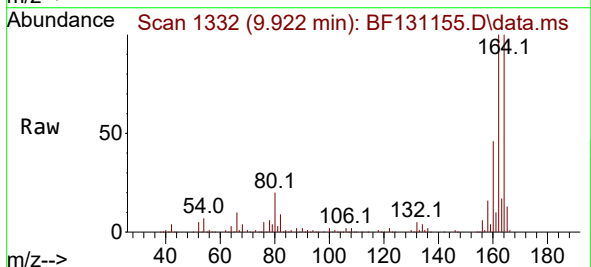
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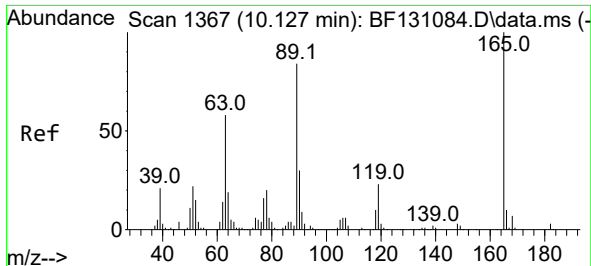
Tgt Ion:172 Resp: 868391
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 23.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.231 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.200 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:165 Resp: 13990
Ion Ratio Lower Upper
165 100
63 1.3 61.4 92.2#
89 1.3 56.0 84.0#

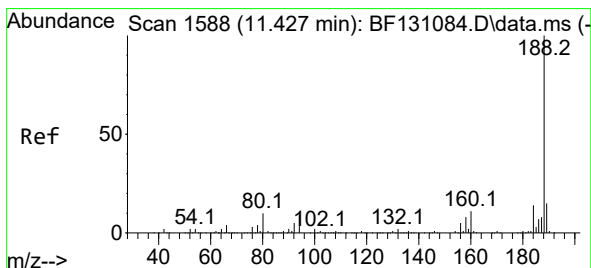
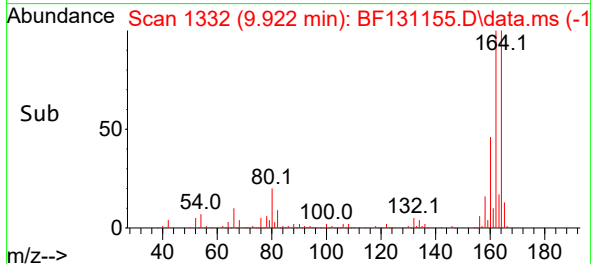
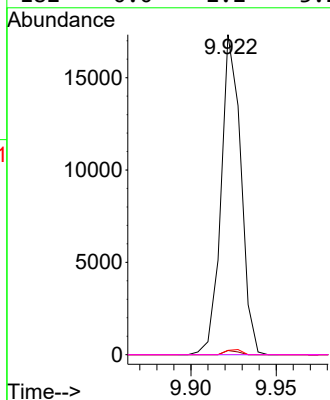
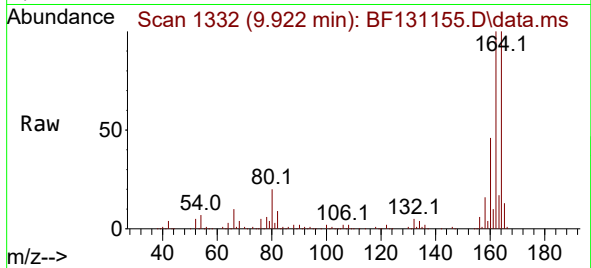




#57
2,4-Dinitrotoluene
Concen: 6.192 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

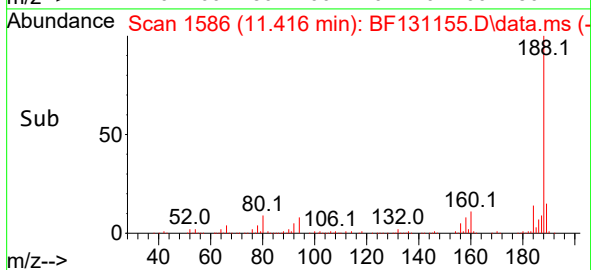
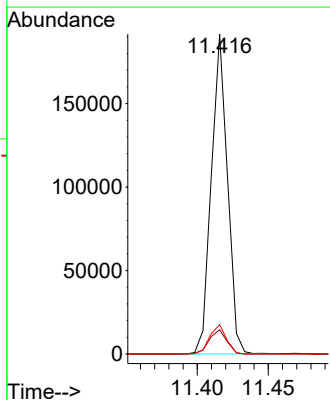
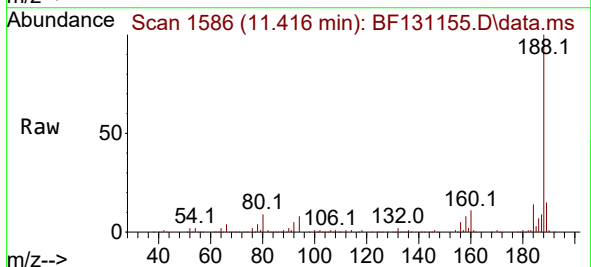
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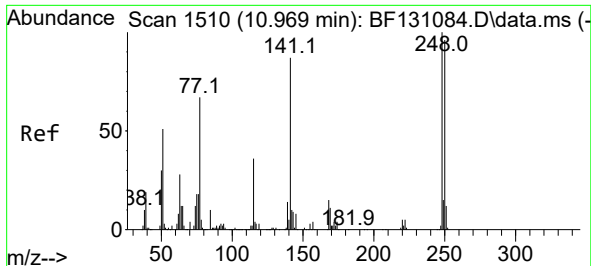
Tgt Ion:165 Resp: 13990
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.3 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:188 Resp: 151699
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 9.1 7.9 11.9

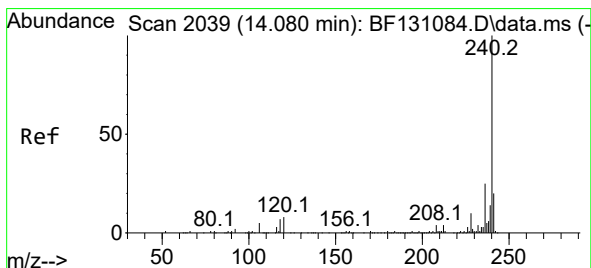
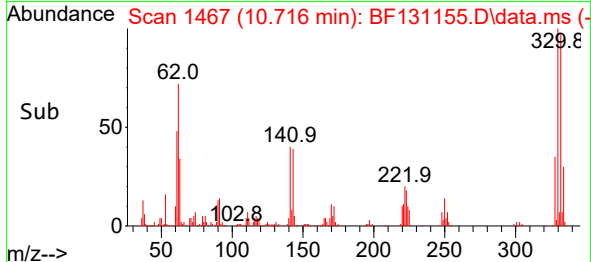
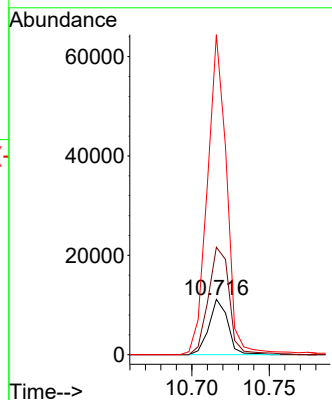
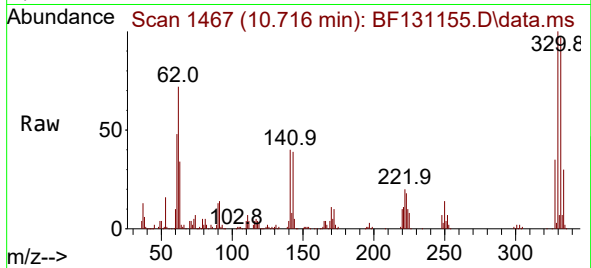




#67
4-Bromophenyl-phenylether
Concen: 5.533 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

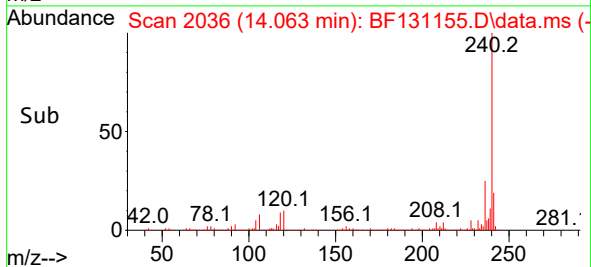
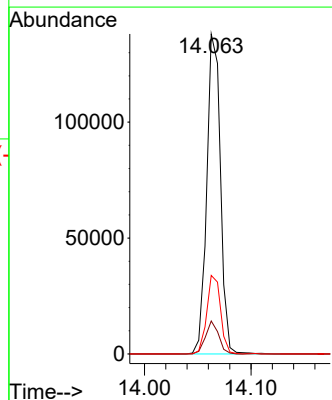
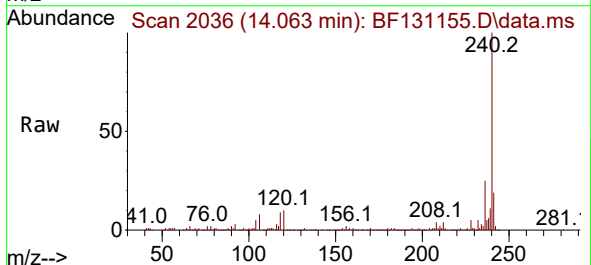
Instrument :
BNA_F
ClientSampleId :
SB-28A

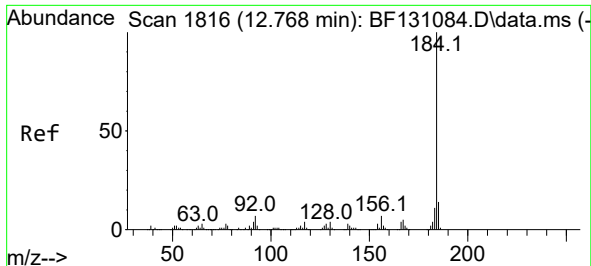
Tgt Ion:248 Resp: 9491
Ion Ratio Lower Upper
248 100
250 194.3 77.0 115.6#
141 578.1 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.017 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:240 Resp: 123995
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 24.5 19.7 29.5

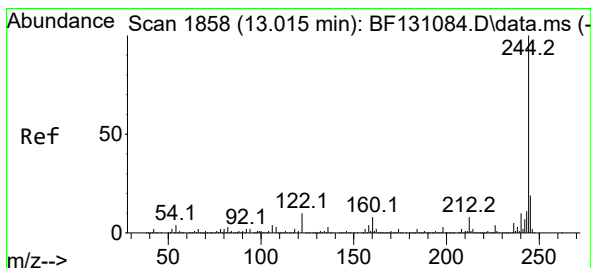
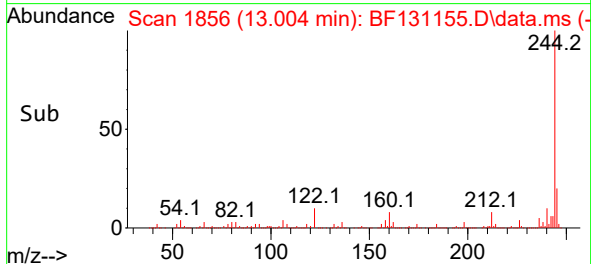
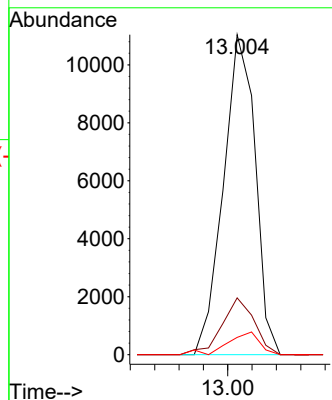
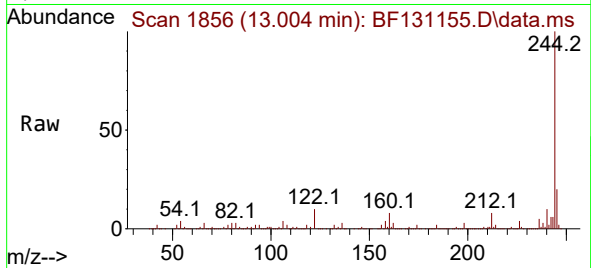




#77
Benzidine
Concen: 2.740 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.236 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

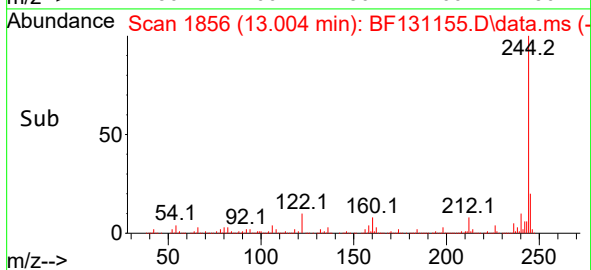
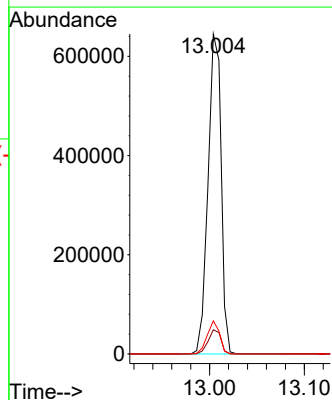
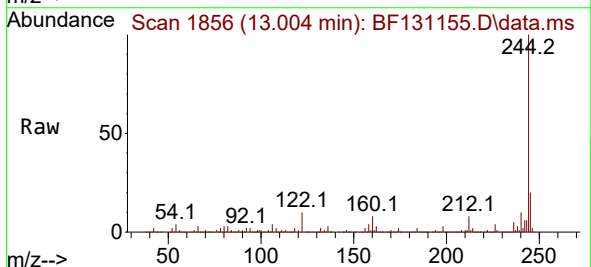
Instrument :
BNA_F
ClientSampleId :
SB-28A

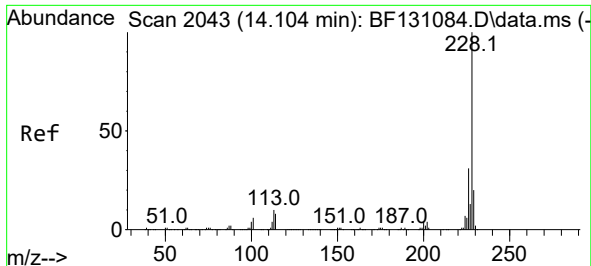
Tgt Ion:184 Resp: 10024
Ion Ratio Lower Upper
184 100
185 17.8 11.4 17.0#
183 5.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 87.624 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:244 Resp: 619674
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.3 7.8 11.8

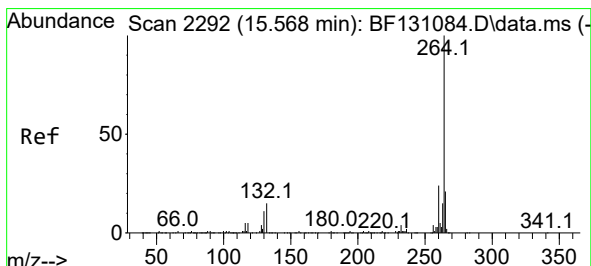
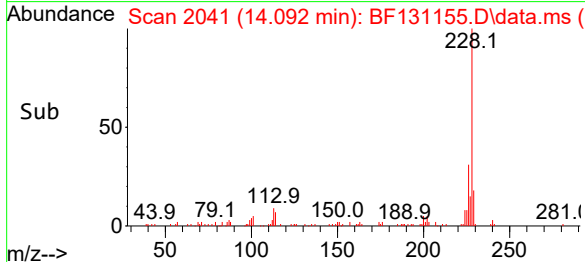
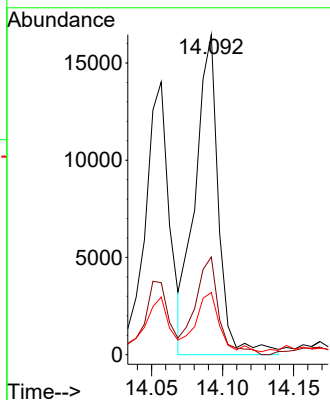
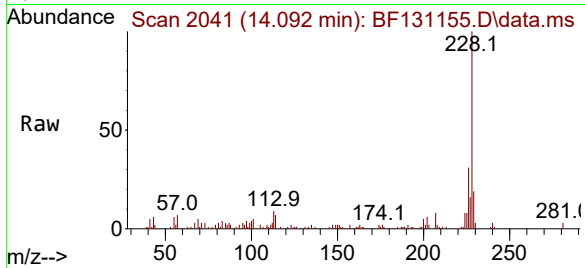




#83
Chrysene
Concen: 2.257 ng
RT: 14.092 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

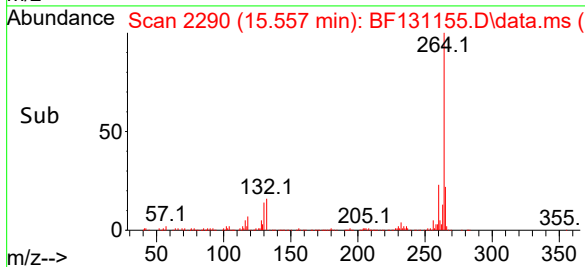
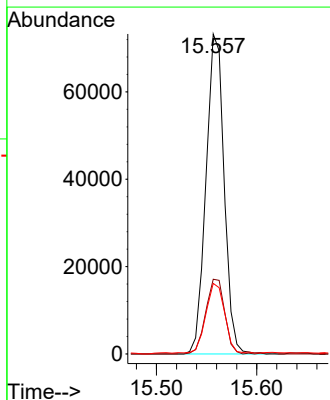
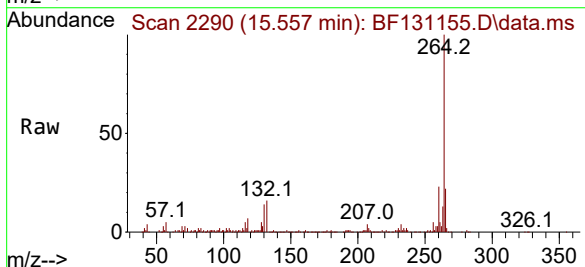
Instrument :
BNA_F
ClientSampleId :
SB-28A

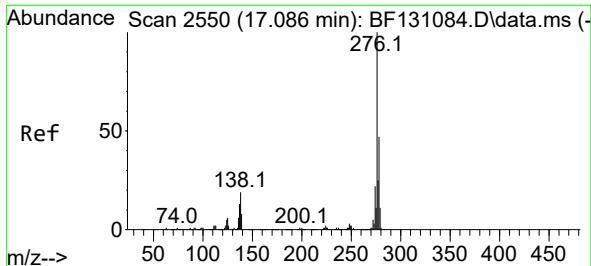
Tgt Ion:228	Resp:	18895
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.4 36.6
229	19.4	15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:264	Resp:	92366
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.1 28.7
265	22.1	16.7 25.1

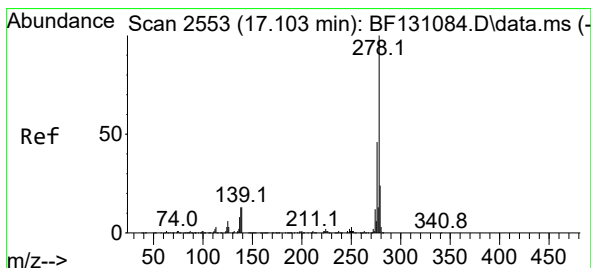
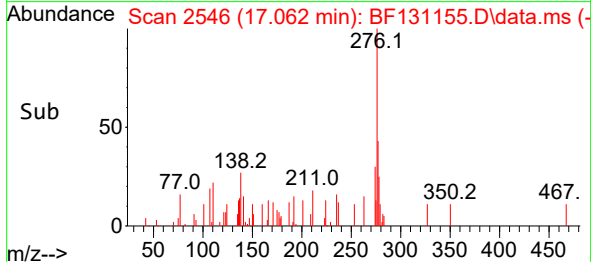
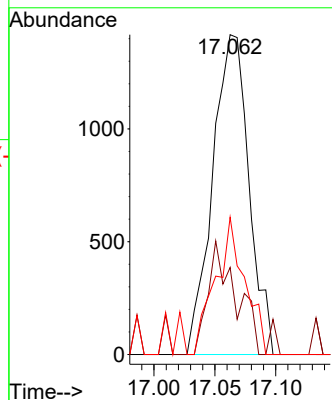
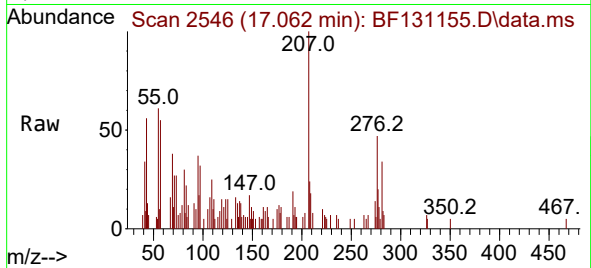




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.224 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

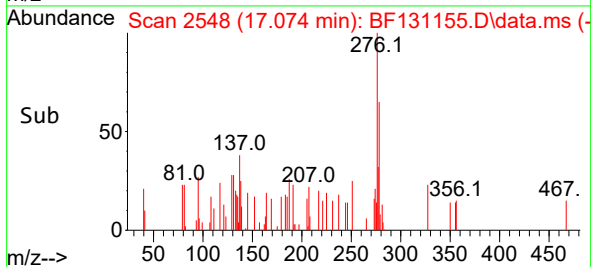
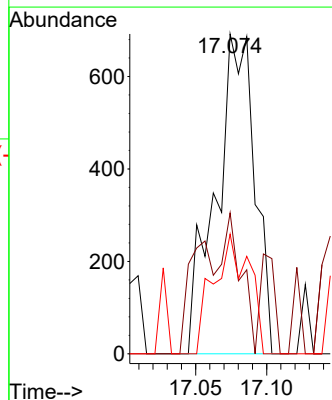
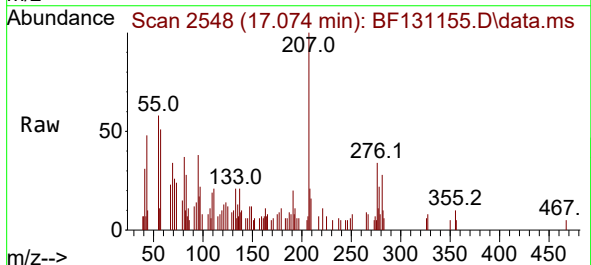
Instrument :
BNA_F
ClientSampleId :
SB-28A

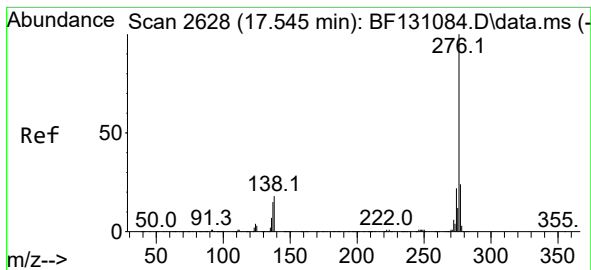
Tgt Ion:276 Resp: 2950
Ion Ratio Lower Upper
276 100
138 27.4 16.9 25.3#
277 34.8 20.3 30.5#



#91
Dibenzo(a,h)anthracene
Concen: 4.038 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.029 min
Lab File: BF131155.D
Acq: 11 Nov 2022 15:08

Tgt Ion:278 Resp: 1323
Ion Ratio Lower Upper
278 100
139 44.1 10.8 16.2#
279 37.4 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 4.942 ng

RT: 17.521 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF131155.D

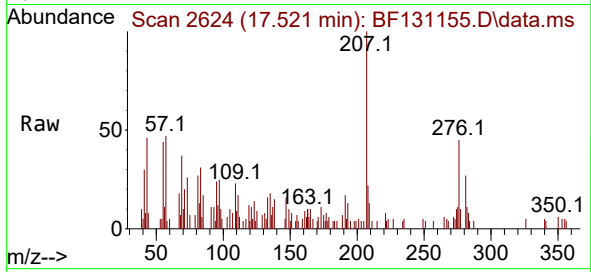
Acq: 11 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

SB-28A



Tgt Ion: 276 Resp: 4118

Ion Ratio Lower Upper

276 100

277 22.1 19.0 28.4

138 33.9 14.6 21.8#

