

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131135.D
 Acq On : 10 Nov 2022 21:41
 Operator : CG\JU
 Sample : N5494-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24

Quant Time: Nov 11 00:51:42 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)

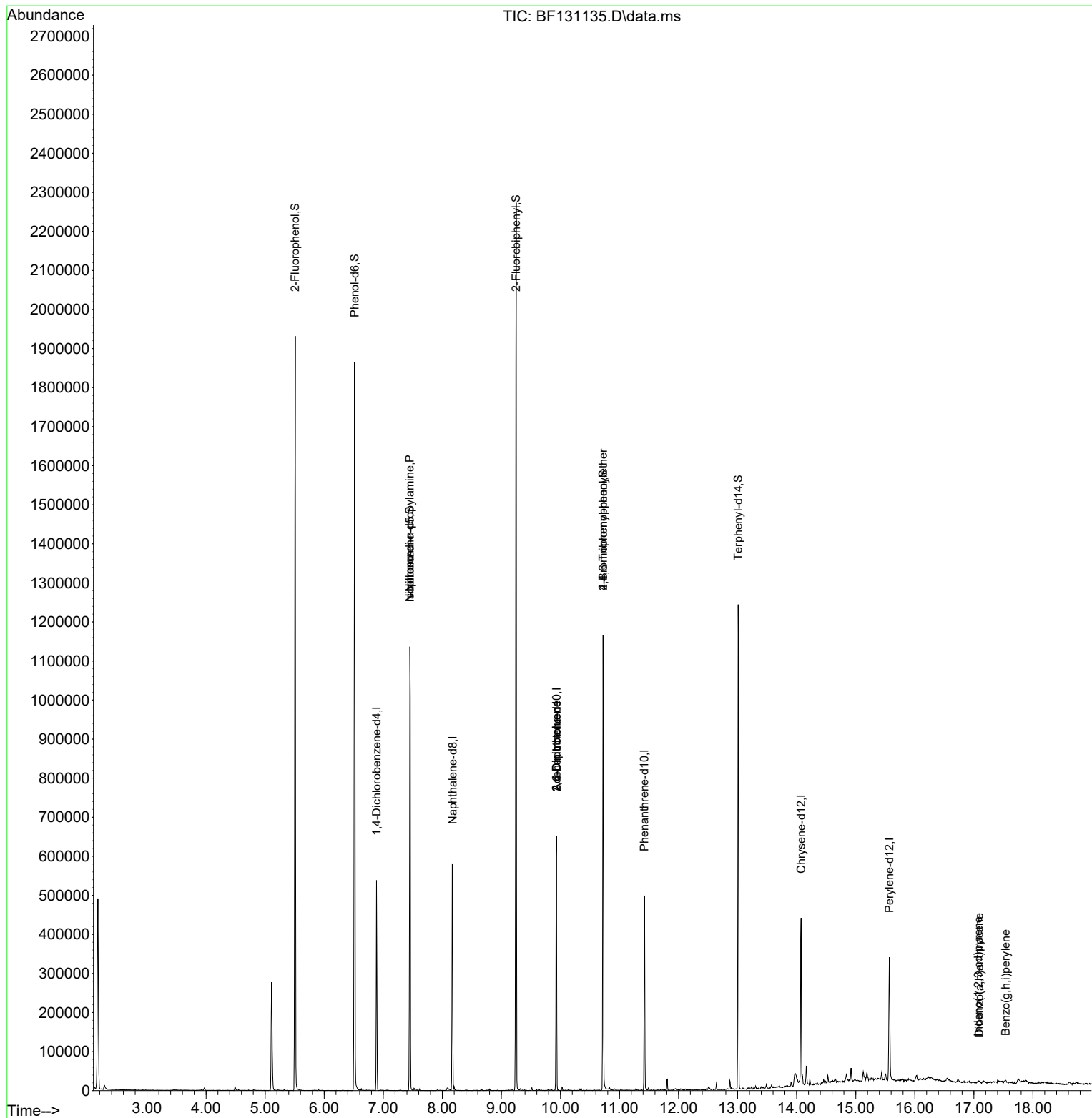
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	65417	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	258071	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	131480	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	172785	20.000	ng	0.00
76) Chrysene-d12	14.074	240	136716	20.000	ng	0.00
86) Perylene-d12	15.568	264	131885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	453442	117.879	ng	0.00
7) Phenol-d6	6.516	99	575402	114.416	ng	0.00
23) Nitrobenzene-d5	7.451	82	362909	63.448	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	124584	91.686	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	656689	69.723	ng	0.00
79) Terphenyl-d14	13.010	244	420285	53.900	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	50251	15.219	ng	# 76
25) Isophorone	7.451	82	362904	41.034	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	16461	8.009	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	16461	6.025	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	8075	4.133	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.074	276	4000	4.206	ng	# 94
91) Dibenzo(a,h)anthracene	17.092	278	1654	4.013	ng	# 77
92) Benzo(g,h,i)perylene	17.539	276	4111	4.769	ng	# 89

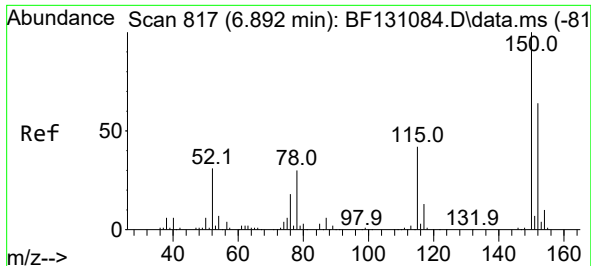
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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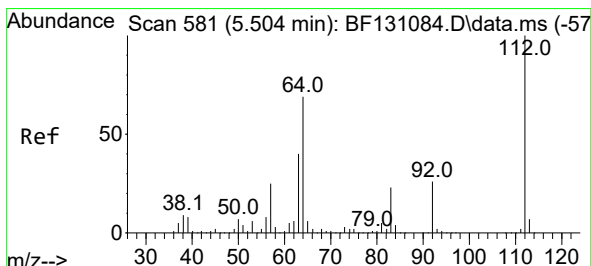
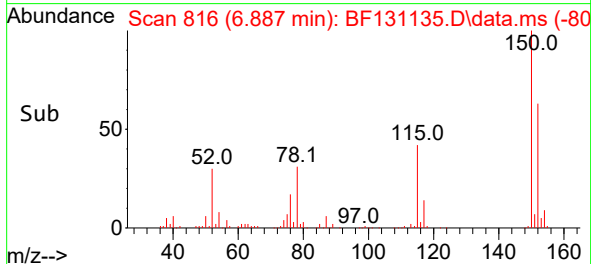
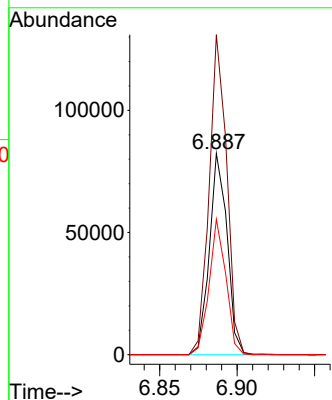
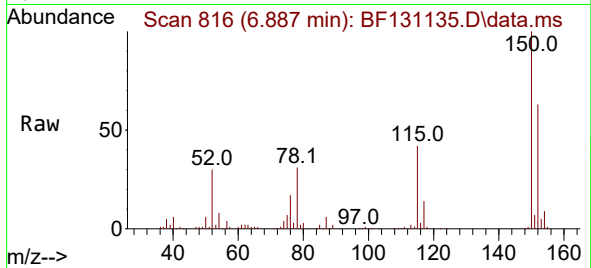




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

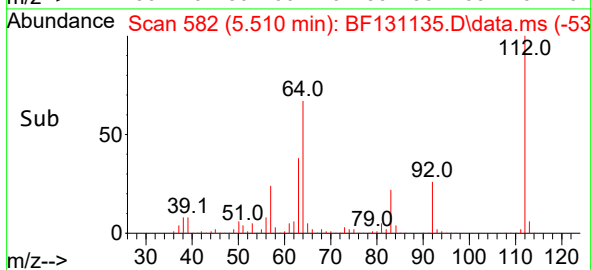
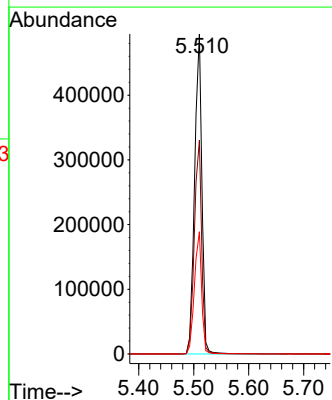
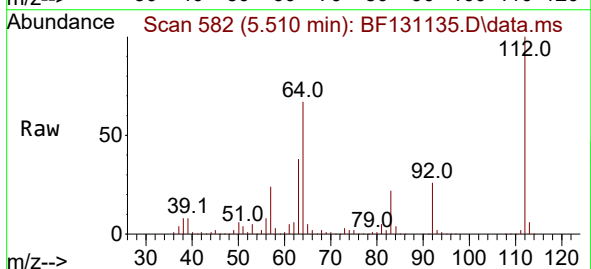
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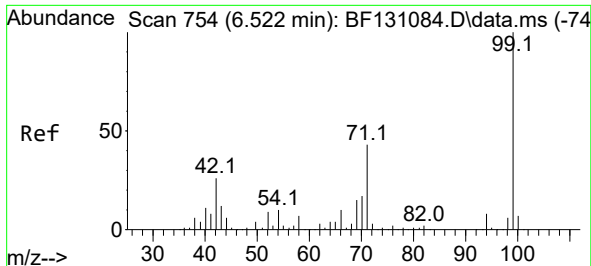
Tgt Ion:152 Resp: 65417
Ion Ratio Lower Upper
152 100
150 159.0 125.5 188.3
115 67.3 52.2 78.2



#5
2-Fluorophenol
Concen: 117.879 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion:112 Resp: 453442
Ion Ratio Lower Upper
112 100
64 66.8 55.1 82.7
63 38.2 32.4 48.6

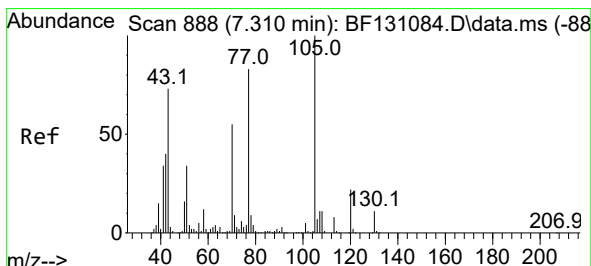
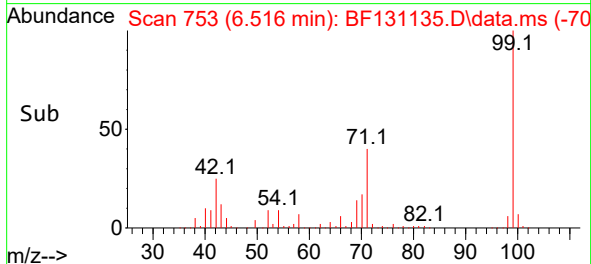
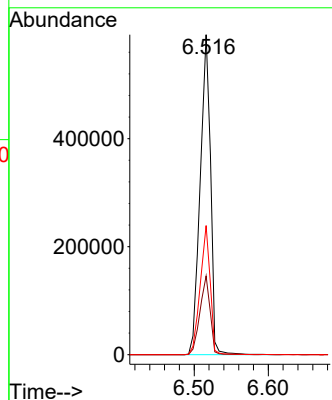
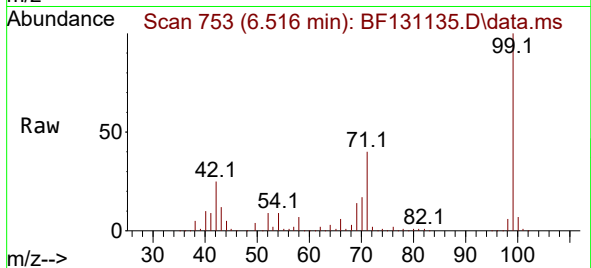




#7
Phenol-d6
Concen: 114.416 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

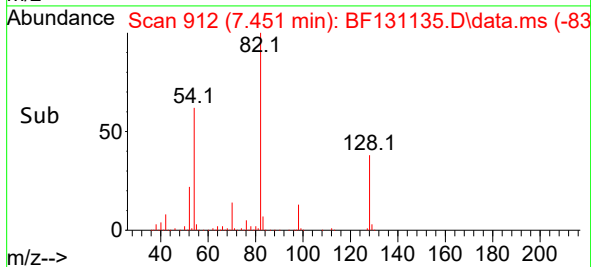
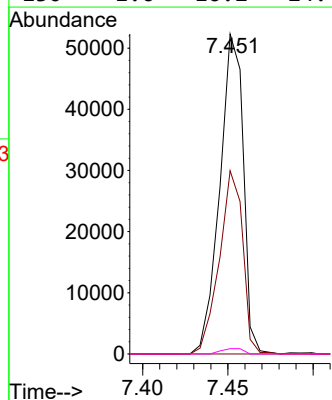
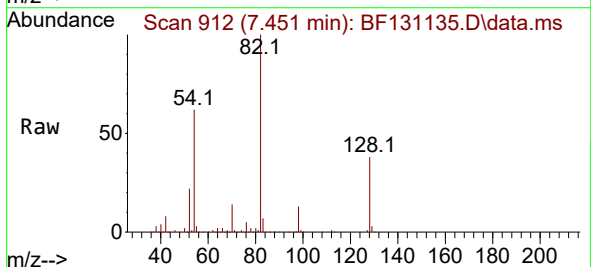
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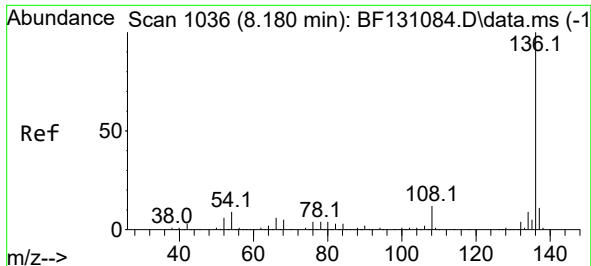
Tgt Ion: 99 Resp: 575402
Ion Ratio Lower Upper
99 100
42 24.6 20.8 31.2
71 40.4 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.219 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion: 70 Resp: 50251
Ion Ratio Lower Upper
70 100
42 57.3 58.3 87.5#
101 0.0 7.4 11.2#
130 1.6 16.2 24.4#

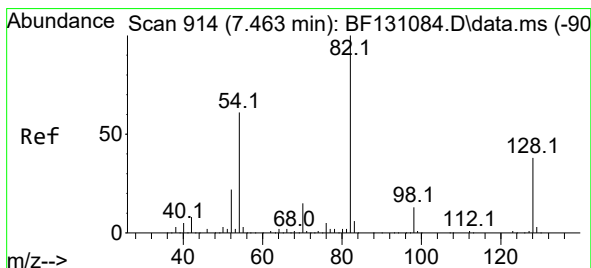
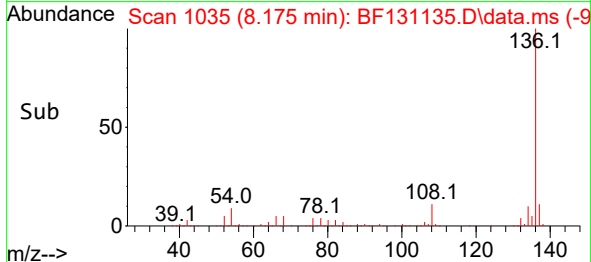
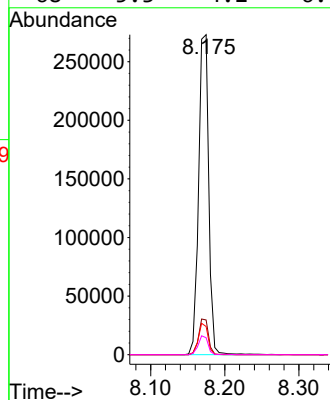
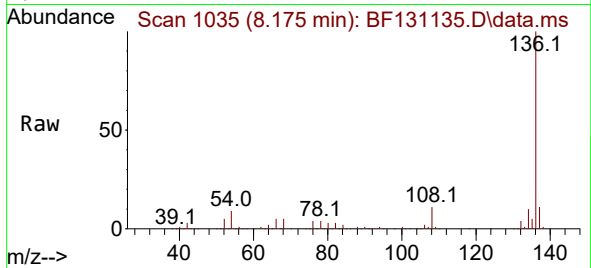




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

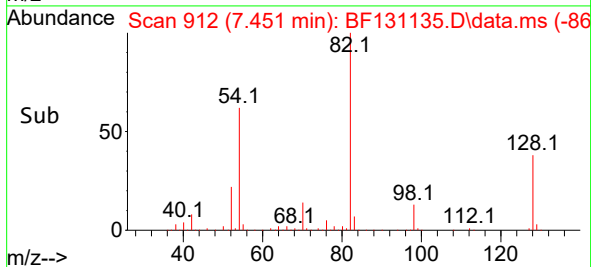
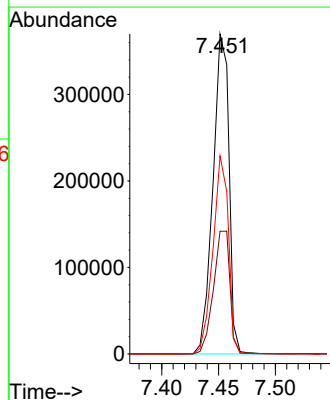
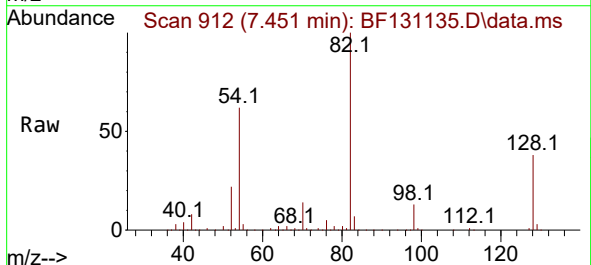
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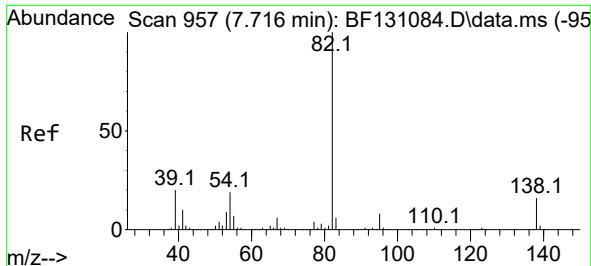
Tgt Ion:136 Resp: 258071
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.8 7.2 10.8
68 5.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 63.448 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion: 82 Resp: 362909
Ion Ratio Lower Upper
82 100
128 38.4 30.5 45.7
54 61.9 49.1 73.7

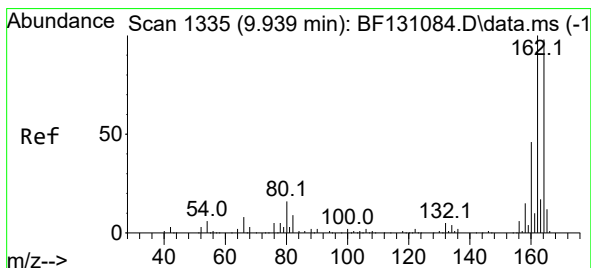
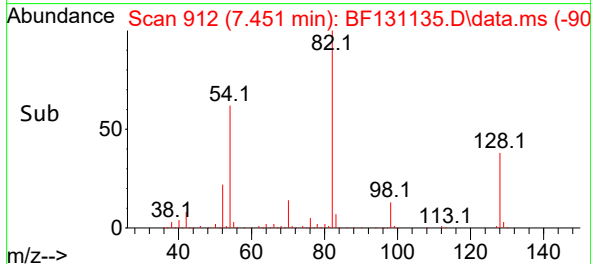
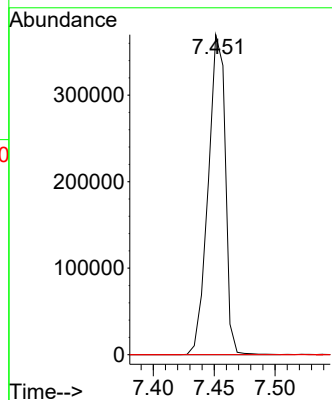
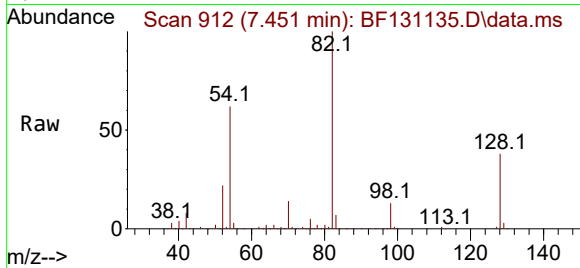




#25
Isophorone
Concen: 41.034 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

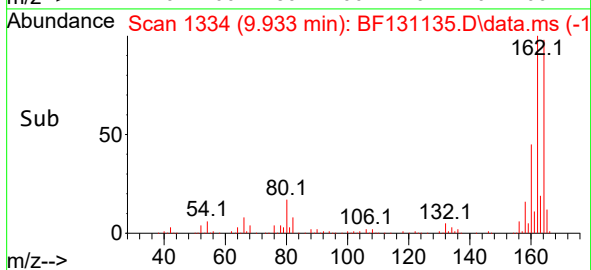
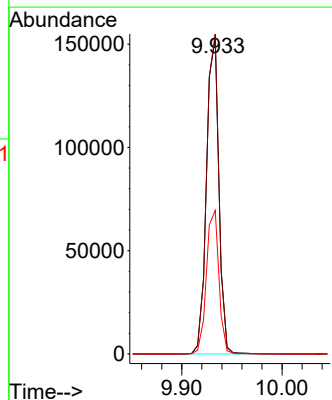
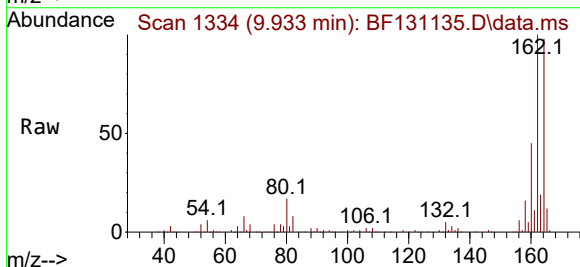
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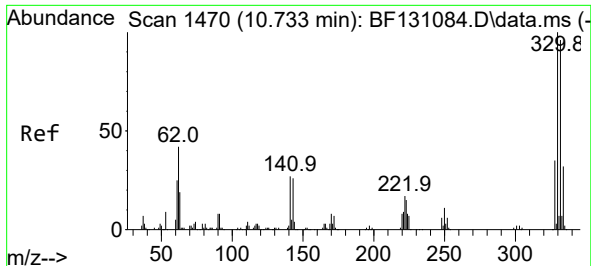
Tgt Ion: 82 Resp: 362904
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion:164 Resp: 131480
Ion Ratio Lower Upper
164 100
162 101.6 81.7 122.5
160 45.6 37.4 56.2

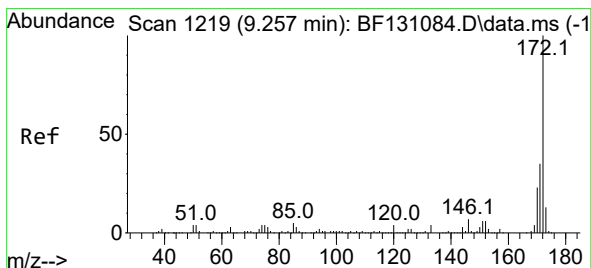
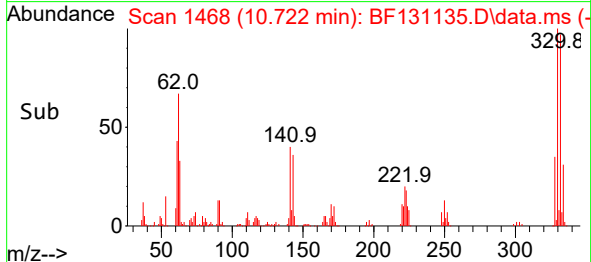
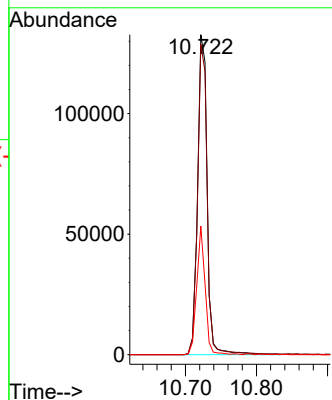
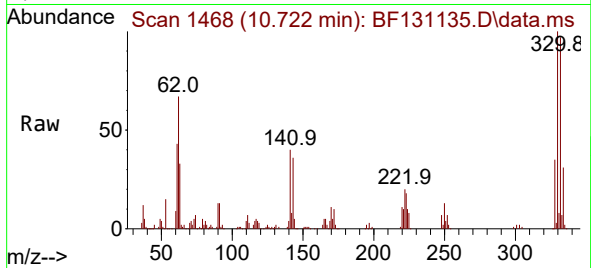




#42
 2,4,6-Tribromophenol
 Concen: 91.686 ng
 RT: 10.722 min Scan# 1468
 Delta R.T. -0.012 min
 Lab File: BF131135.D
 Acq: 10 Nov 2022 21:41

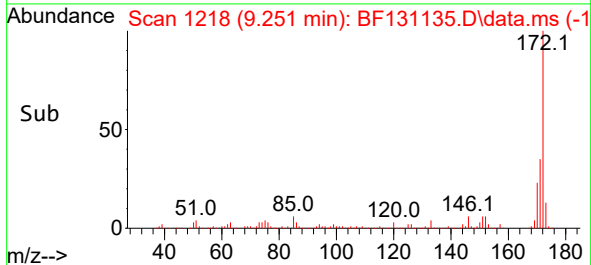
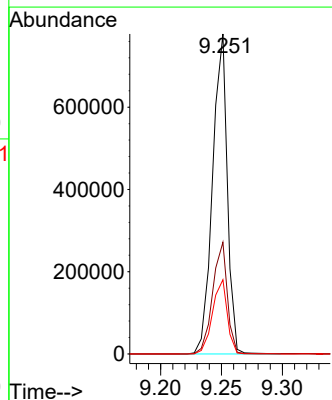
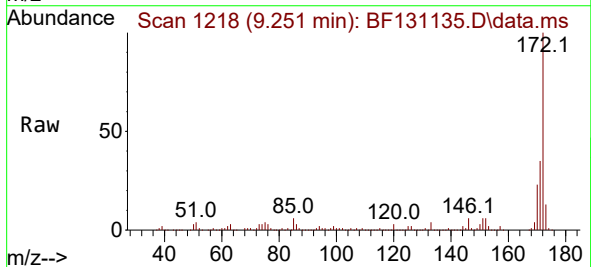
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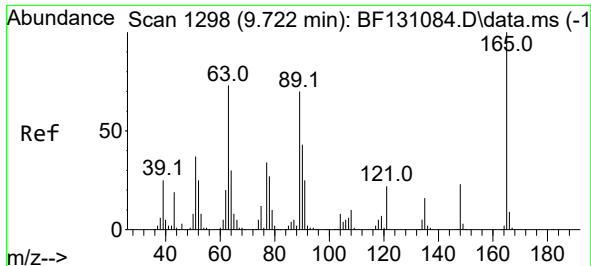
Tgt Ion:330 Resp: 124584
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.4
 141 35.5 28.5 42.7



#45
 2-Fluorobiphenyl
 Concen: 69.723 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BF131135.D
 Acq: 10 Nov 2022 21:41

Tgt Ion:172 Resp: 656689
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.7 41.5
 170 23.2 18.8 28.2

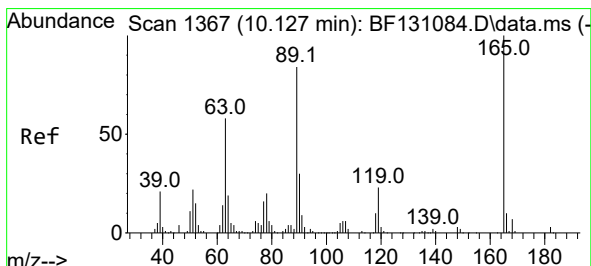
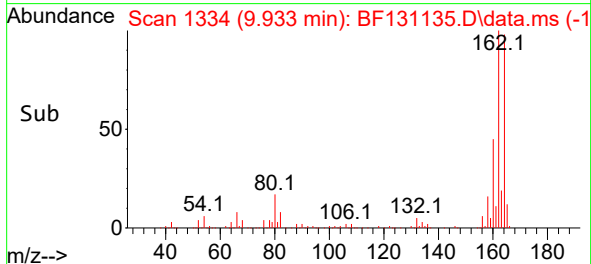
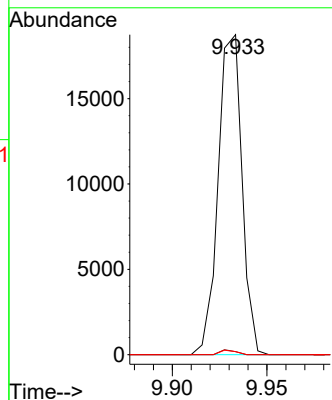
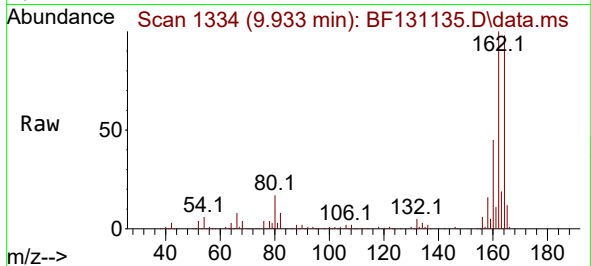




#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

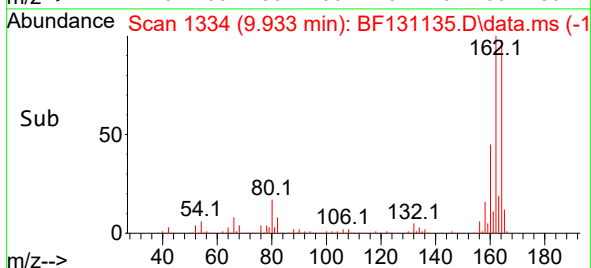
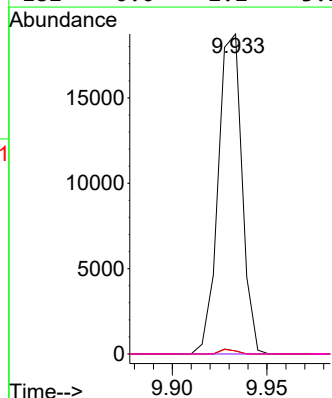
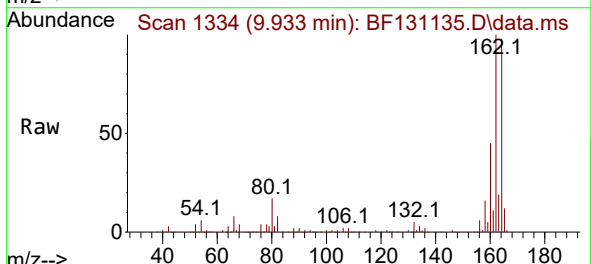
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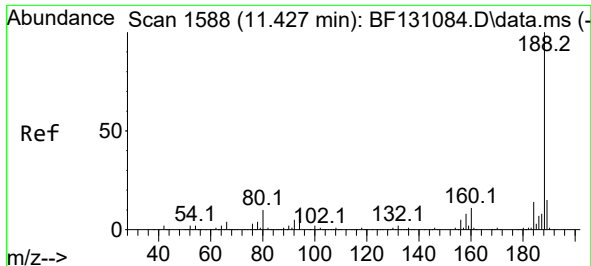
Tgt Ion:165 Resp: 16461
Ion Ratio Lower Upper
165 100
63 1.0 61.4 92.2#
89 0.9 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.025 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion:165 Resp: 16461
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 0.9 66.9 100.3#
182 0.0 2.2 3.2#

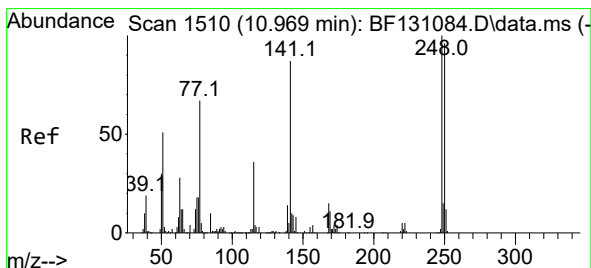
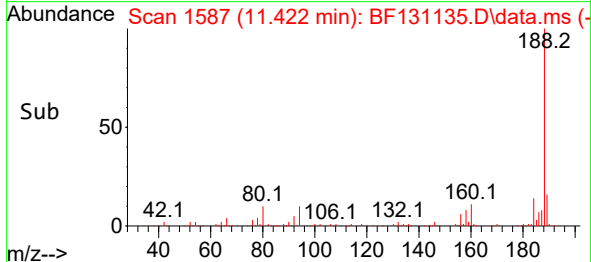
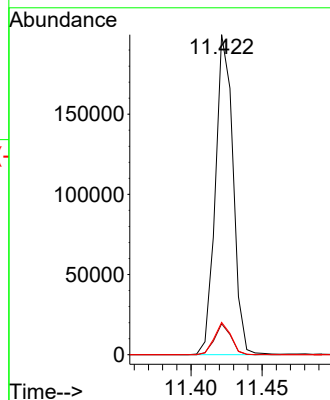
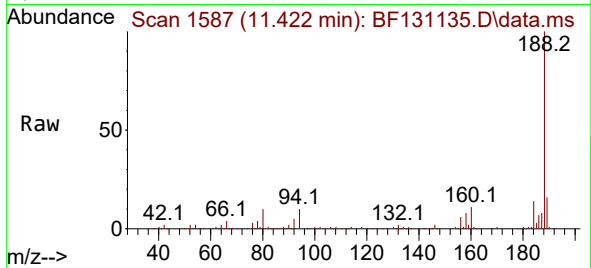




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

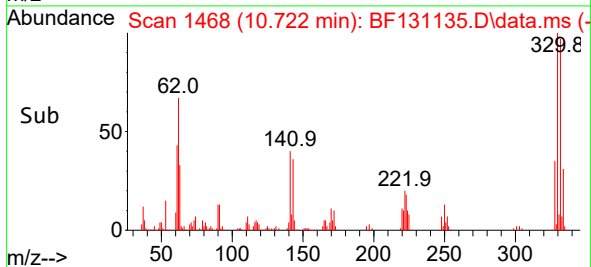
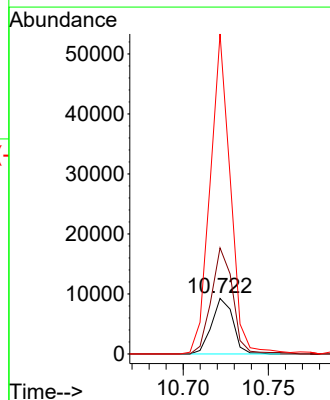
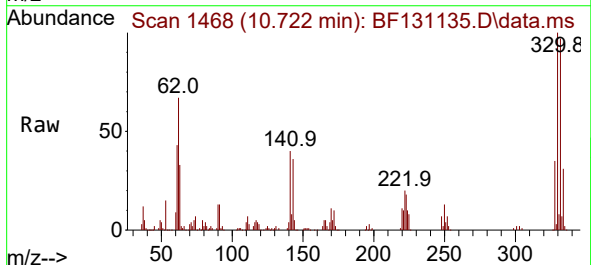
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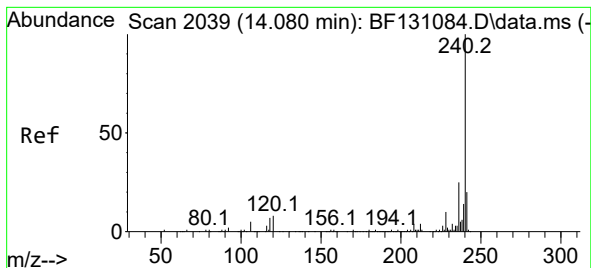
Tgt Ion:188 Resp: 172785
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion:248 Resp: 8075
Ion Ratio Lower Upper
248 100
250 191.1 77.0 115.6#
141 576.1 69.7 104.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131135.D

Acq: 10 Nov 2022 21:41

Instrument :

BNA_F

ClientSampleId :

SB-24

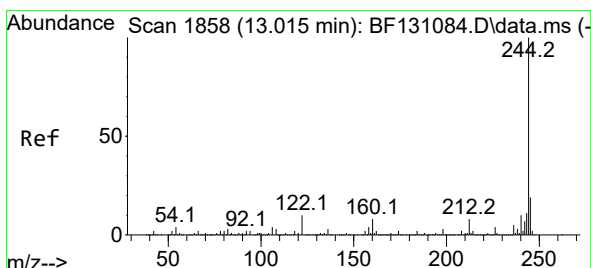
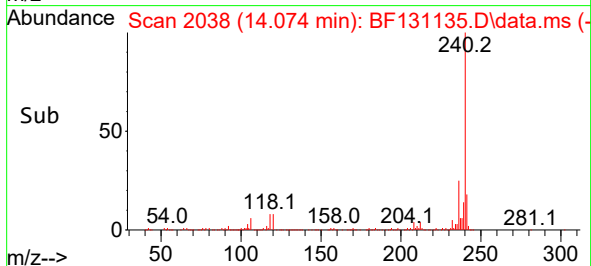
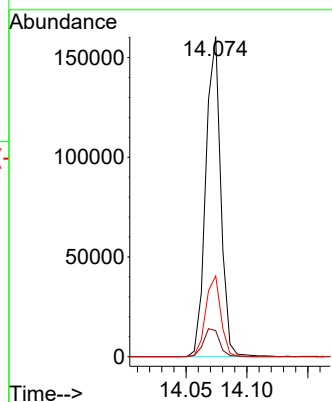
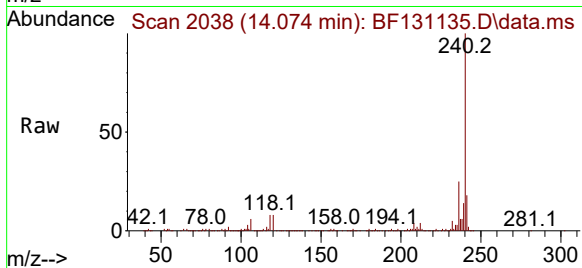
Tgt Ion:240 Resp: 136716

Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

236 25.3 19.7 29.5



#79

Terphenyl-d14

Concen: 53.900 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.005 min

Lab File: BF131135.D

Acq: 10 Nov 2022 21:41

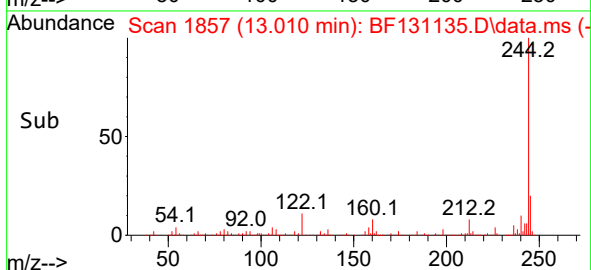
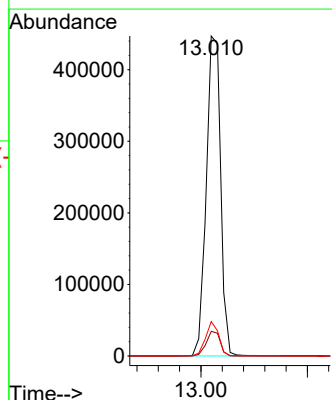
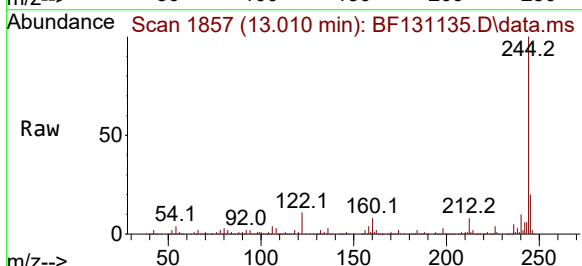
Tgt Ion:244 Resp: 420285

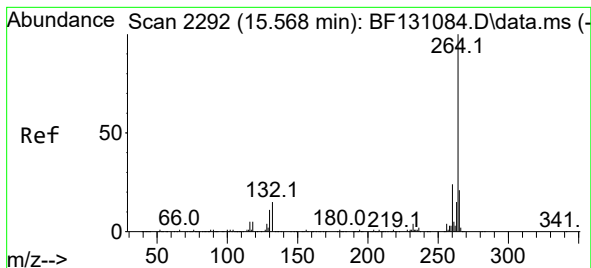
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.7 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131135.D

Acq: 10 Nov 2022 21:41

Instrument :

BNA_F

ClientSampleId :

SB-24

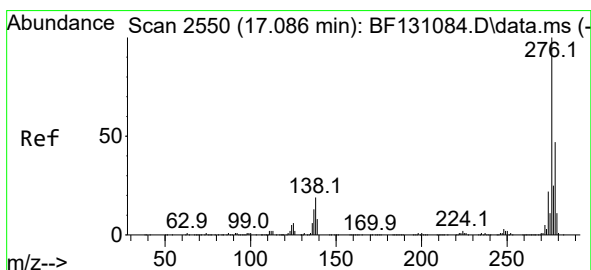
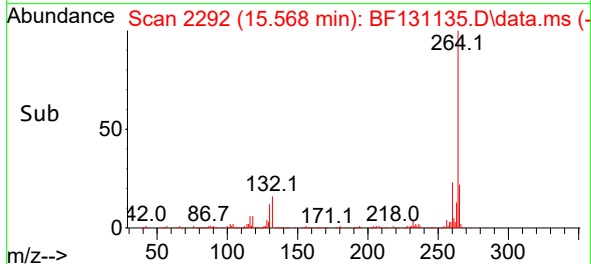
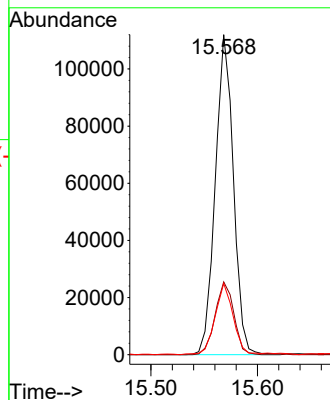
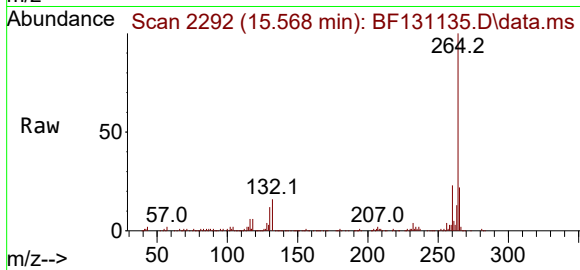
Tgt Ion:264 Resp: 131885

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 22.3 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.206 ng

RT: 17.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BF131135.D

Acq: 10 Nov 2022 21:41

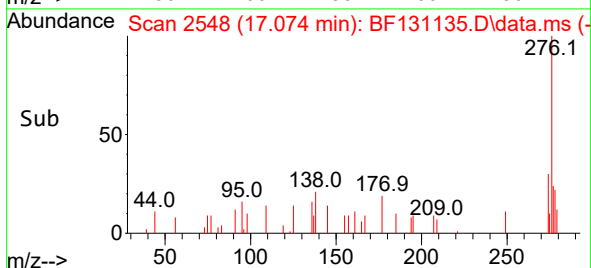
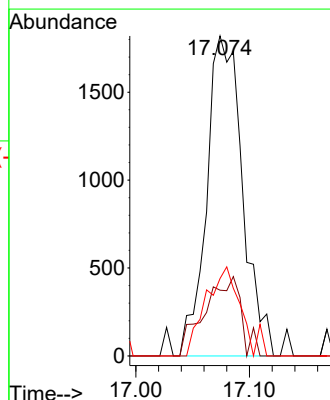
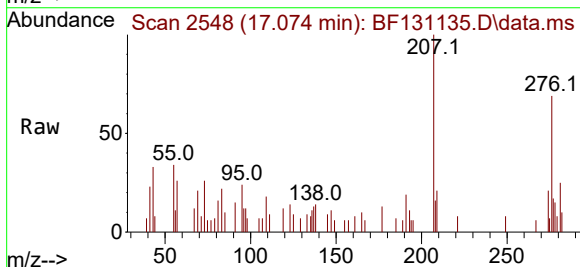
Tgt Ion:276 Resp: 4000

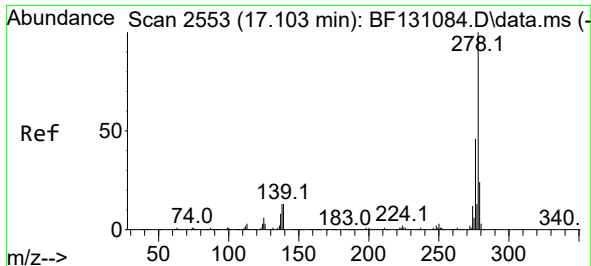
Ion Ratio Lower Upper

276 100

138 25.4 16.9 25.3

277 27.2 20.3 30.5

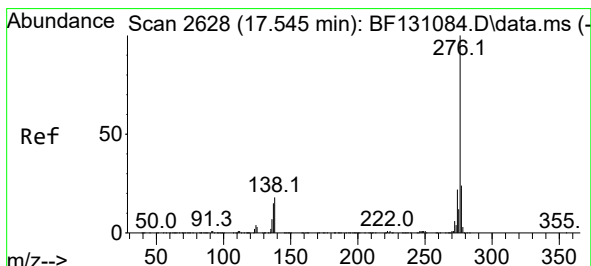
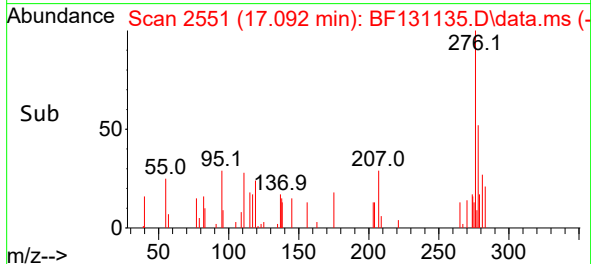
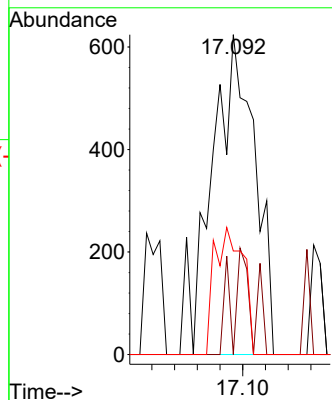
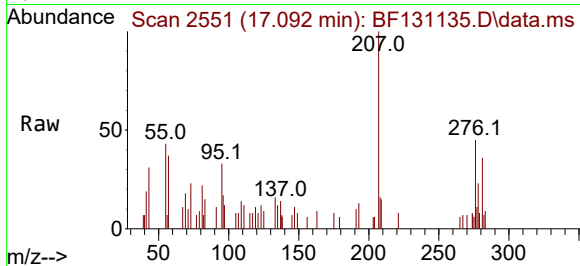




#91
Dibenzo(a,h)anthracene
Concen: 4.013 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Instrument :
BNA_F
ClientSampleId :
SB-24

Tgt Ion:278 Resp: 1654
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 32.4 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.769 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF131135.D
Acq: 10 Nov 2022 21:41

Tgt Ion:276 Resp: 4111
Ion Ratio Lower Upper
276 100
277 27.4 19.0 28.4
138 24.9 14.6 21.8#

