

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131050.D
 Acq On : 07 Nov 2022 18:54
 Operator : CG\JU
 Sample : N5415-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-16

Quant Time: Nov 08 02:17:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

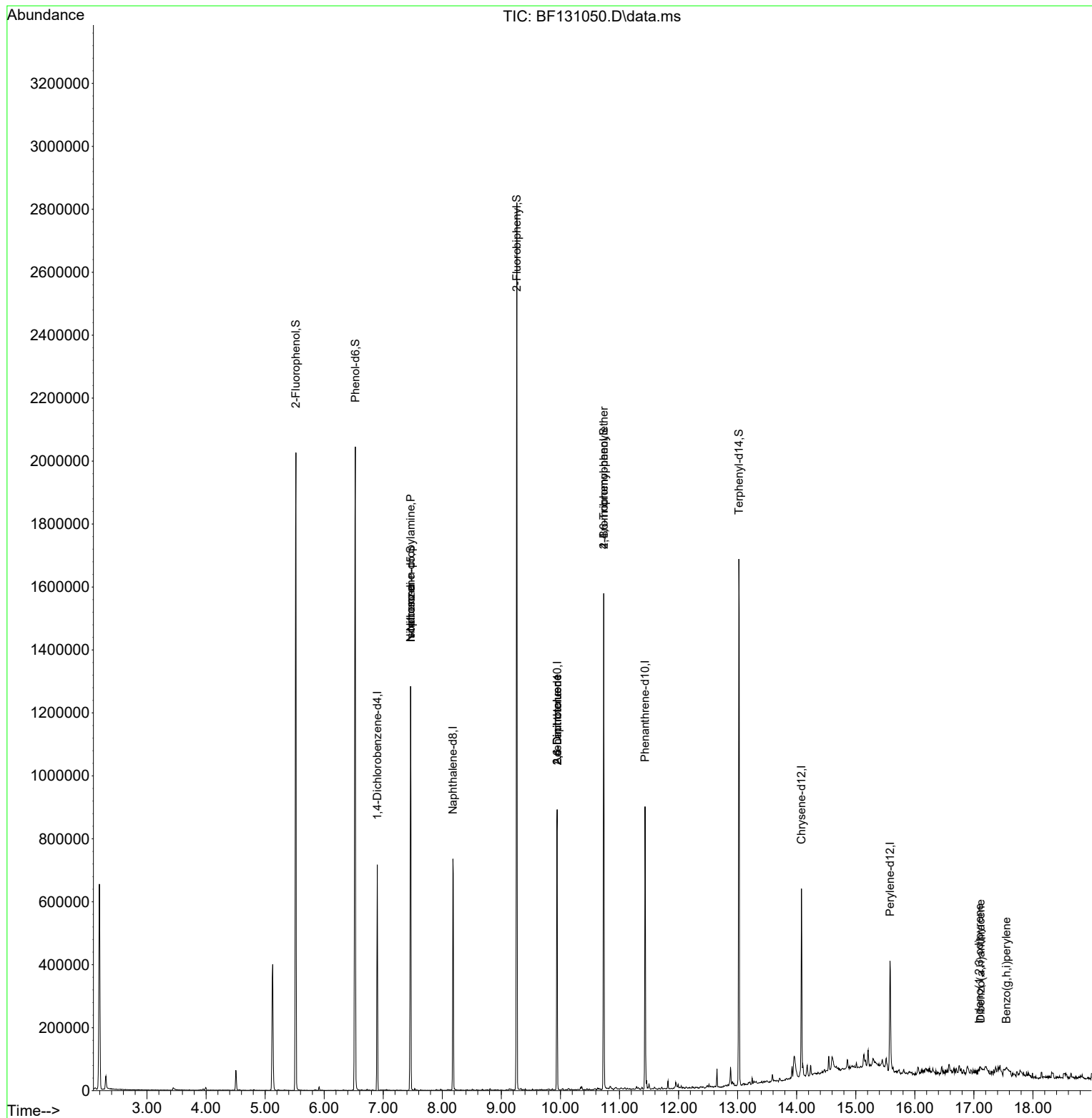
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82229	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	310669	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	175541	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	301771	20.000	ng	0.00
76) Chrysene-d12	14.080	240	187239	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	160025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	490737	96.233	ng	0.00
7) Phenol-d6	6.528	99	673423	108.194	ng	0.00
23) Nitrobenzene-d5	7.463	82	397886	59.366	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	157961	81.732	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	763104	59.244	ng	0.00
79) Terphenyl-d14	13.021	244	572095	48.986	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	55008	12.401	ng	# 76
25) Isophorone	7.463	82	397878	34.634	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	23066	7.992	ng	# 17
55) Dibenzofuran	10.145	168	423	Below Cal		# 60
57) 2,4-Dinitrotoluene	9.945	165	23066	6.152	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	10248	2.703	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.092	276	7564	3.846	ng	# 92
91) Dibenzo(a,h)anthracene	17.115	278	3003	3.561	ng	# 49
92) Benzo(g,h,i)perylene	17.551	276	8600	4.104	ng	96

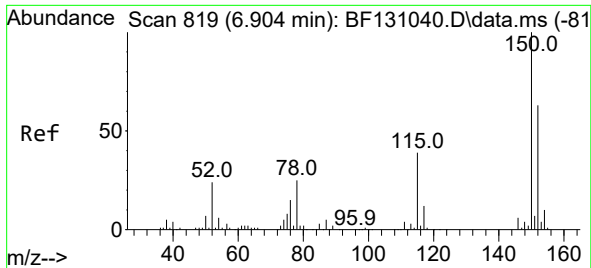
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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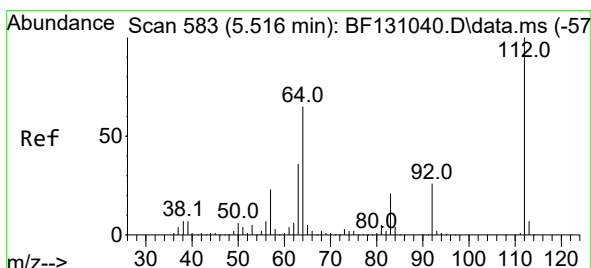
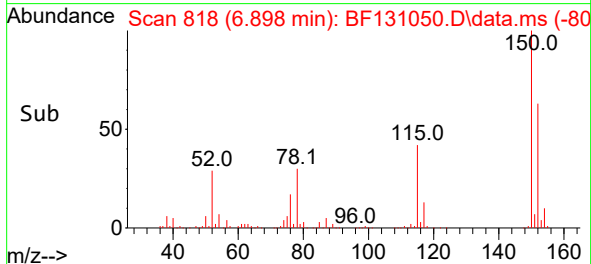
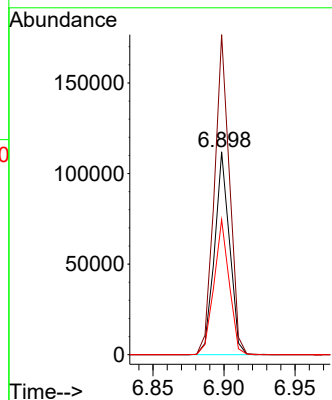
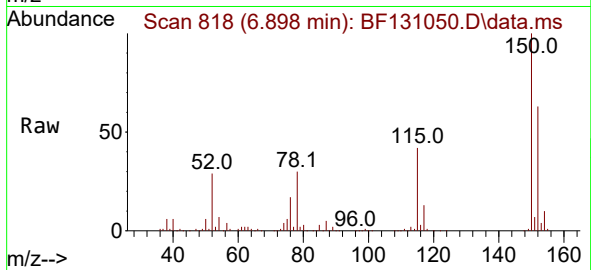




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

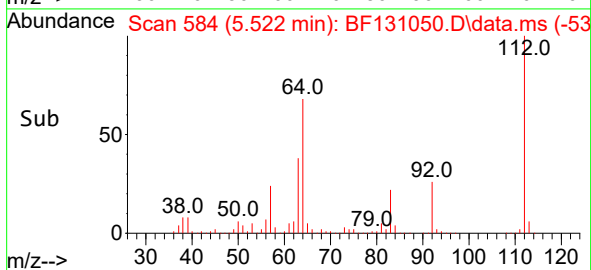
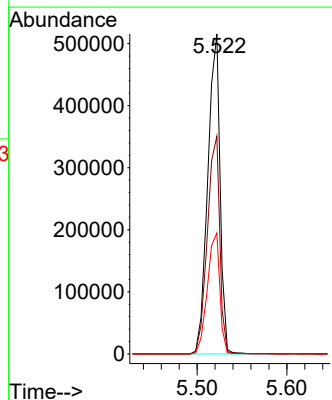
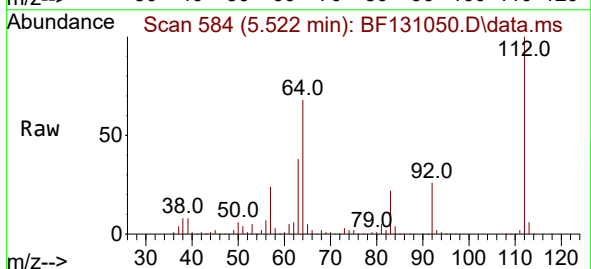
Instrument :
BNA_F
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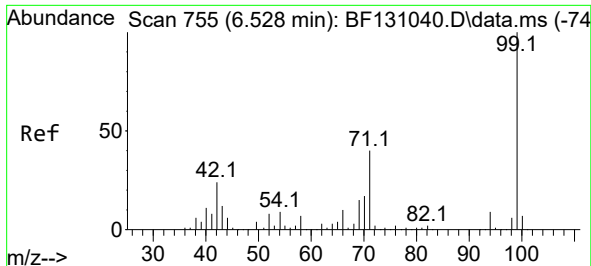
Tgt Ion:152 Resp: 82229
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 66.5 49.1 73.7



#5
2-Fluorophenol
Concen: 96.233 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion:112 Resp: 490737
Ion Ratio Lower Upper
112 100
64 68.1 52.2 78.4
63 37.8 29.0 43.4

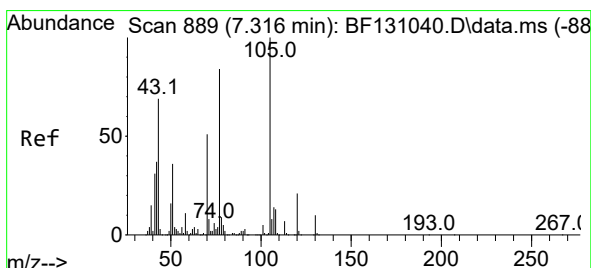
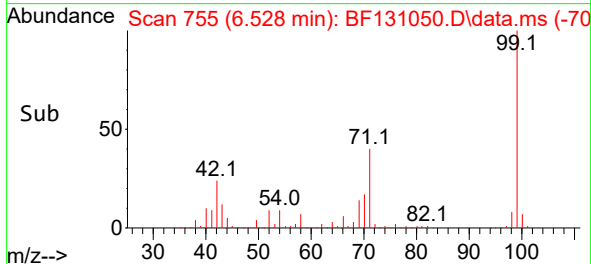
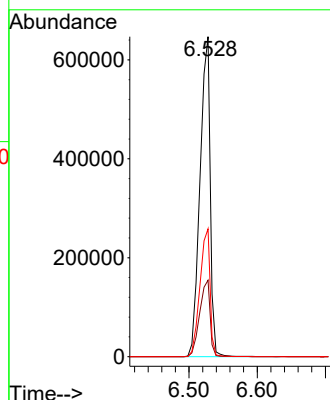
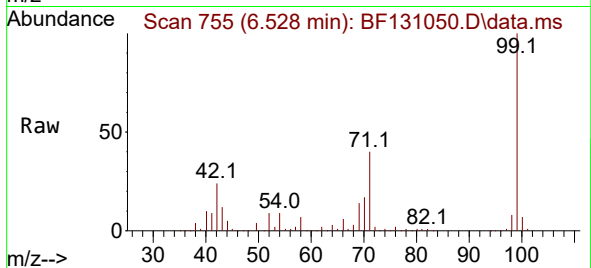




#7
Phenol-d6
Concen: 108.194 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

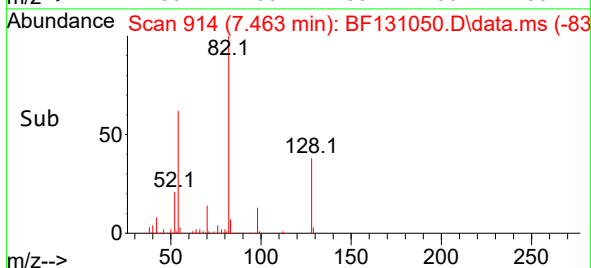
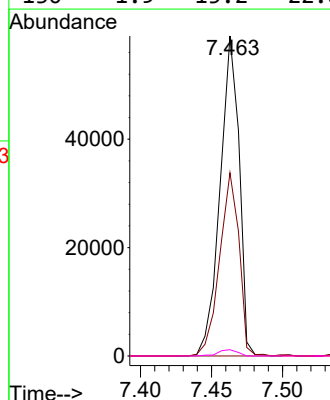
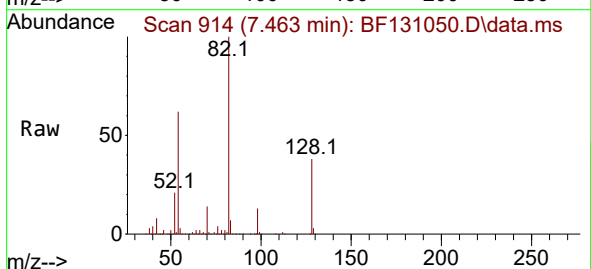
Instrument :
BNA_F
ClientSampleId :
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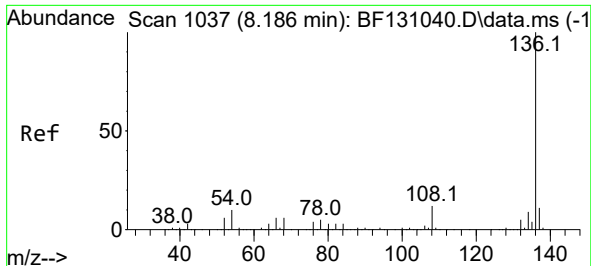
Tgt Ion: 99 Resp: 673423
Ion Ratio Lower Upper
99 100
42 23.9 19.4 29.0
71 39.9 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.401 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 70 Resp: 55008
Ion Ratio Lower Upper
70 100
42 57.3 59.0 88.4#
101 0.0 8.0 12.0#
130 1.9 15.2 22.8#

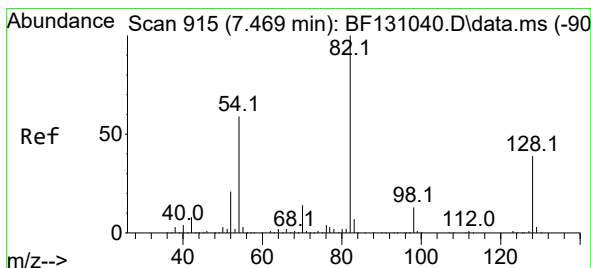
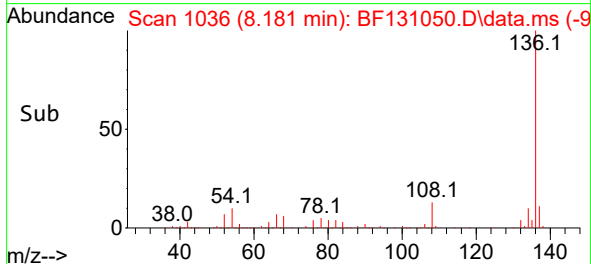
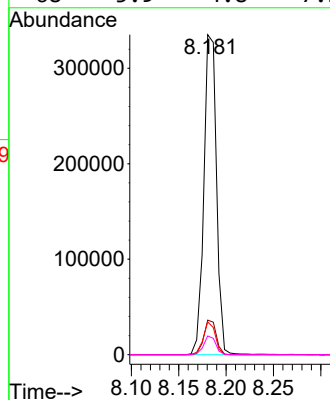
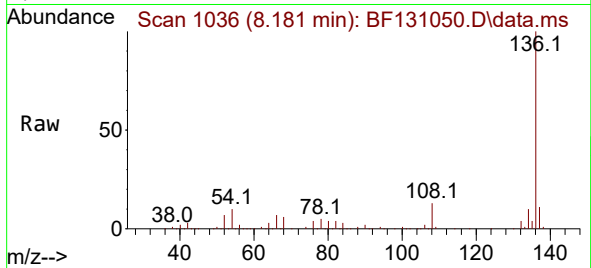




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

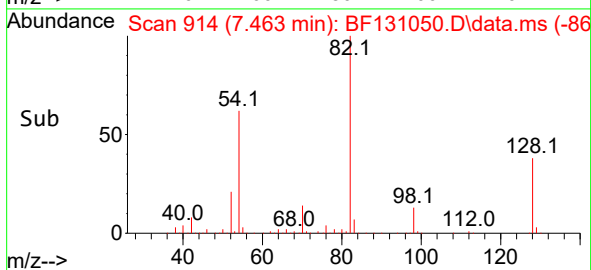
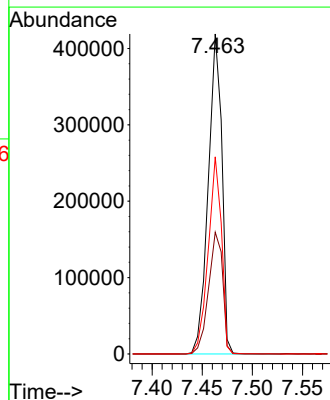
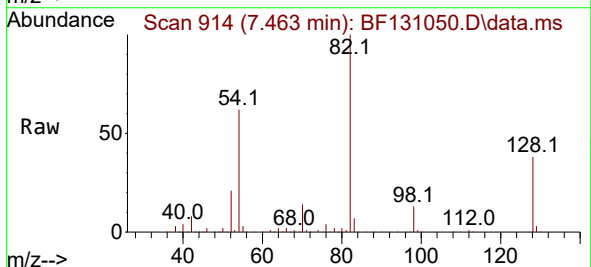
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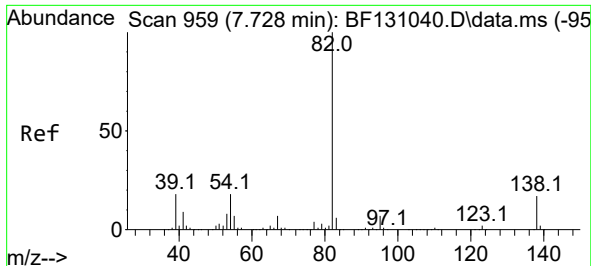
Tgt Ion:	136	Resp:	310669
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.2	8.2	12.2
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.366 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion:	82	Resp:	397886
Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.3	46.9
54	61.6	47.2	70.8

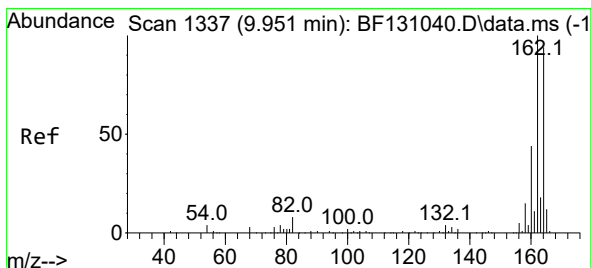
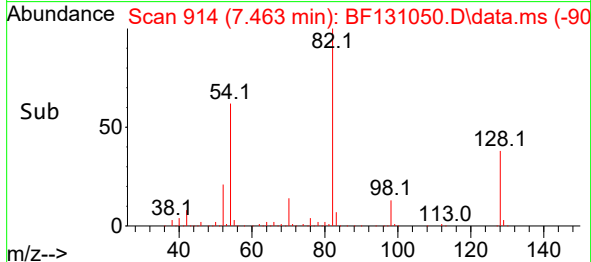
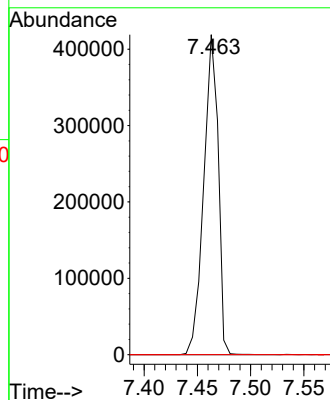
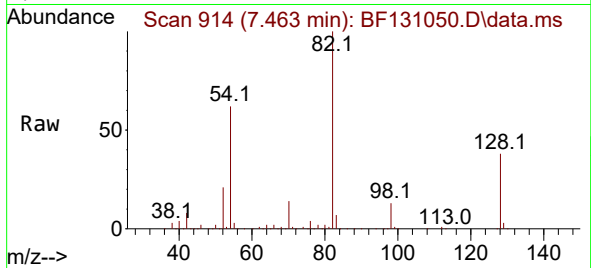




#25
Isophorone
Concen: 34.634 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

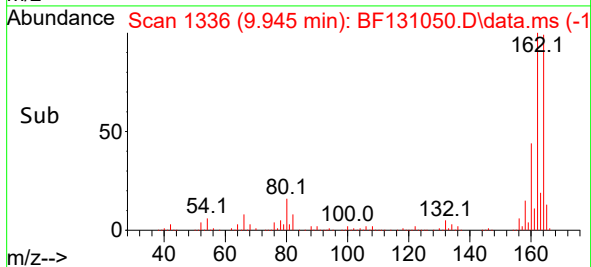
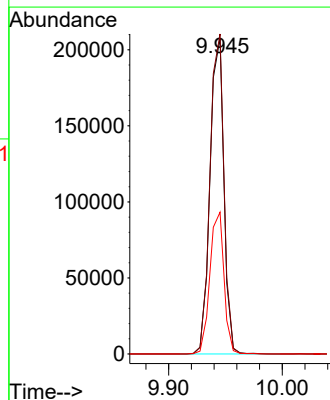
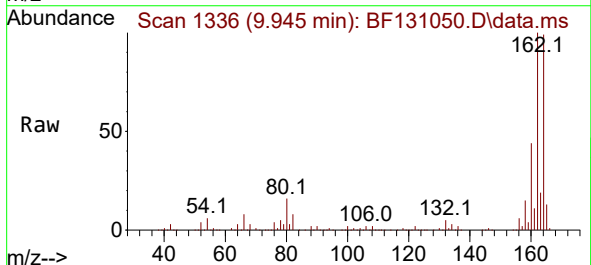
Instrument :
BNA_F
ClientSampleId :
R-16

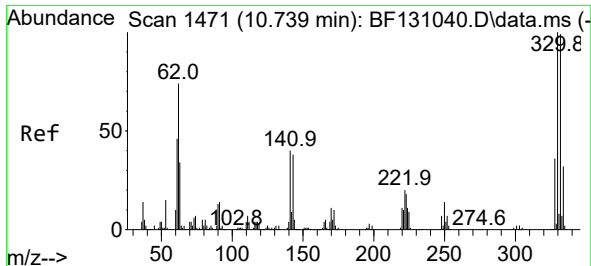
Tgt Ion: 82 Resp: 397878
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion:164 Resp: 175541
Ion Ratio Lower Upper
164 100
162 101.3 85.0 127.6
160 44.9 37.0 55.6

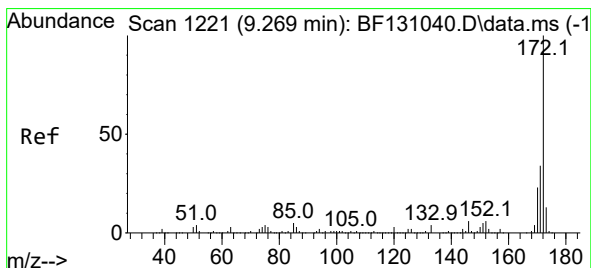
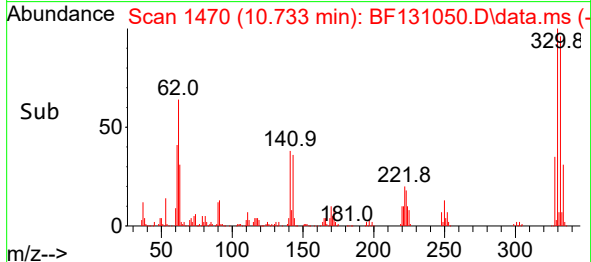
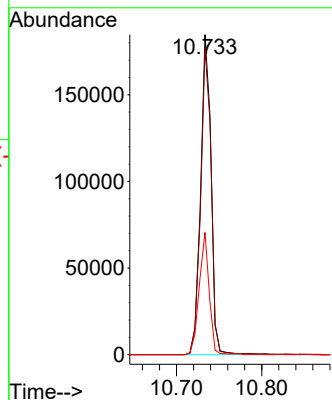
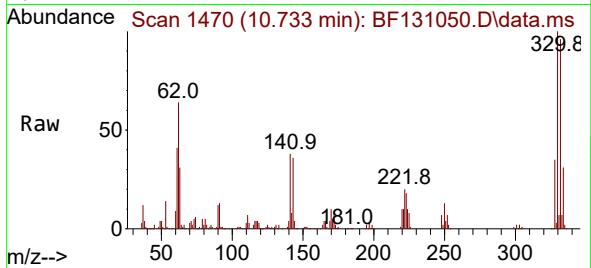




#42
2,4,6-Tribromophenol
Concen: 81.732 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

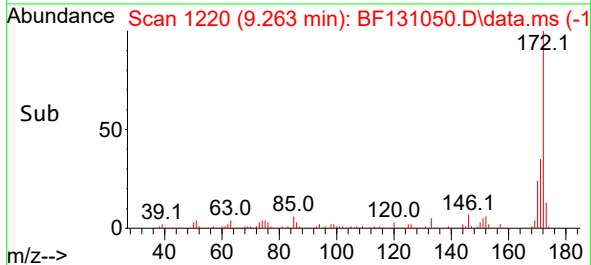
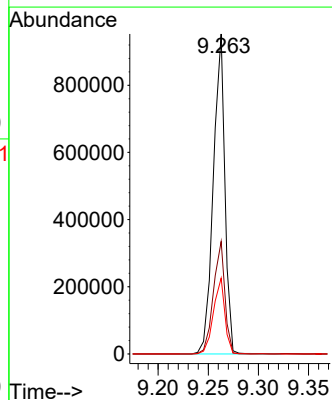
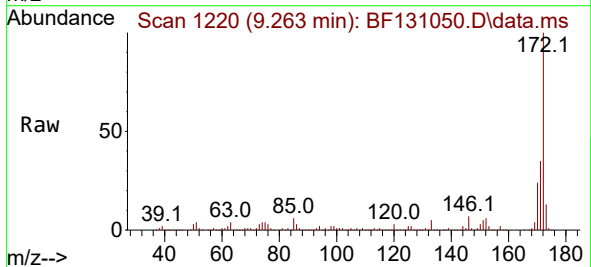
Instrument :
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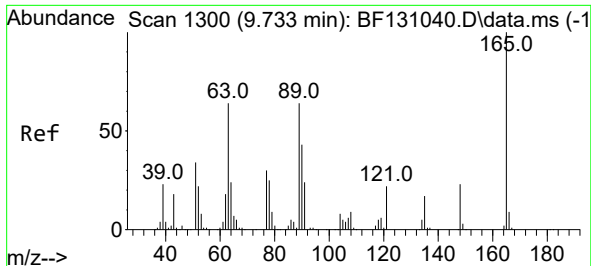
Tgt Ion: 330 Resp: 157961
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 36.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 59.244 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 172 Resp: 763104
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.7 18.4 27.6

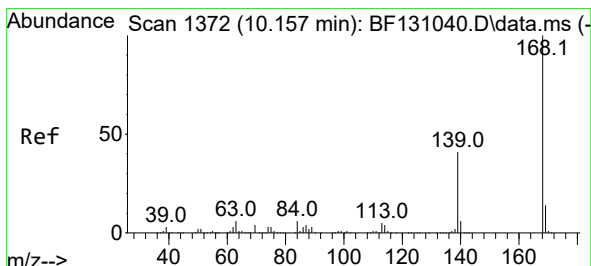
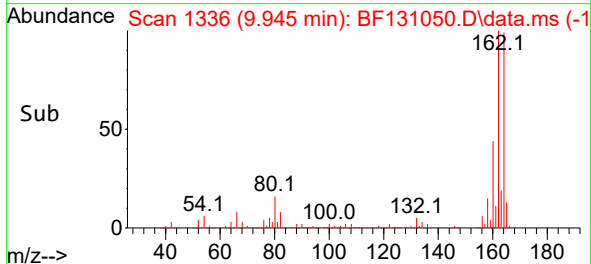
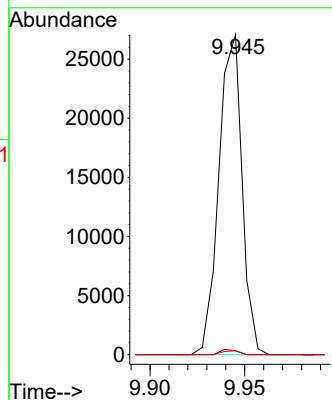
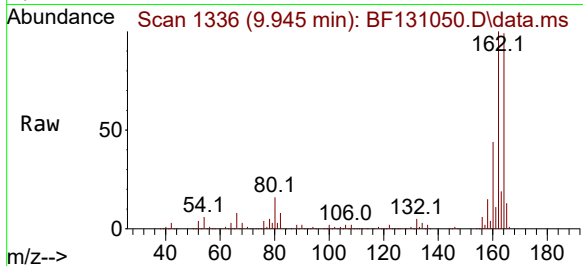




#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

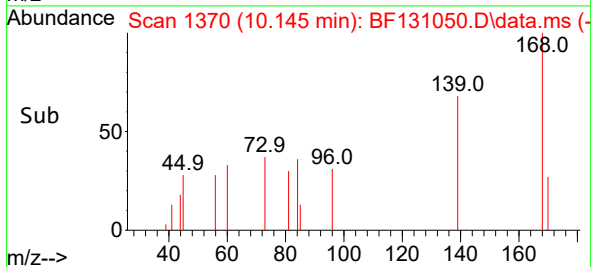
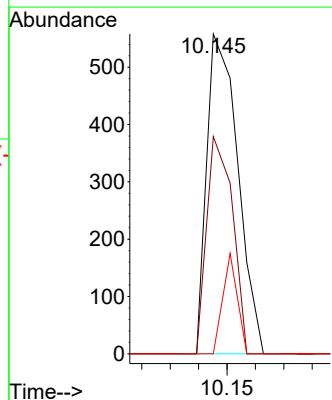
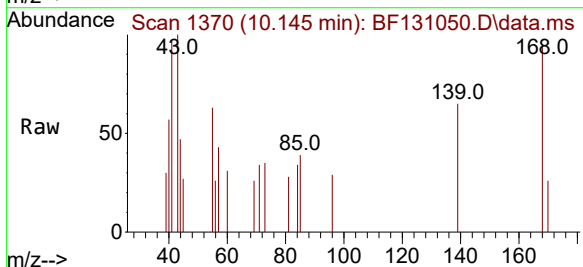
Instrument :
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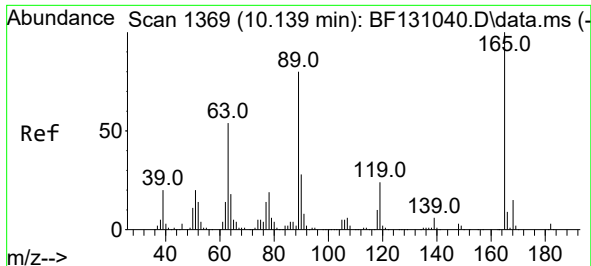
Tgt Ion:165 Resp: 23066
Ion Ratio Lower Upper
165 100
63 1.3 57.2 85.8#
89 1.2 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion:168 Resp: 423
Ion Ratio Lower Upper
168 100
139 67.9 33.0 49.6#
169 0.0 11.3 16.9#

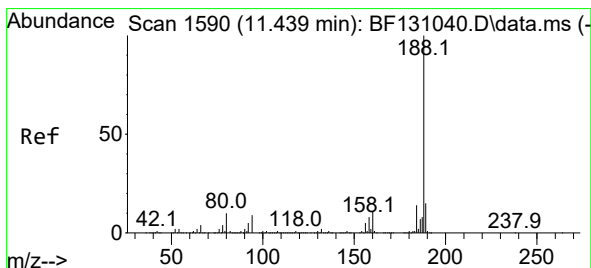
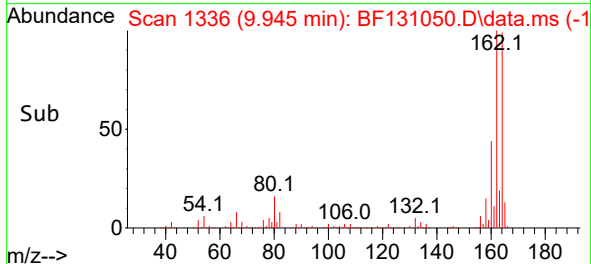
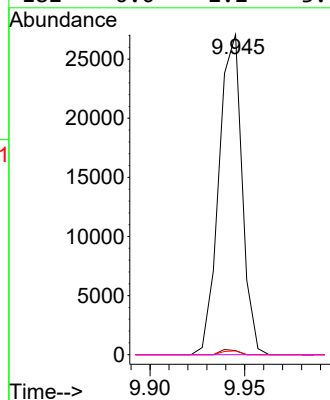
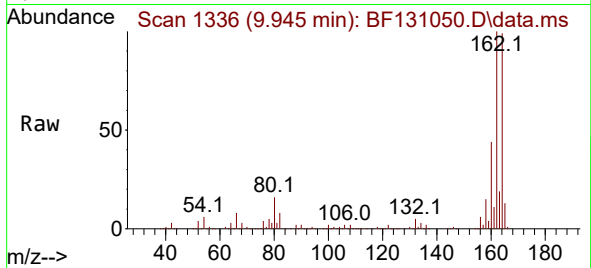




#57
2,4-Dinitrotoluene
Concen: 6.152 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

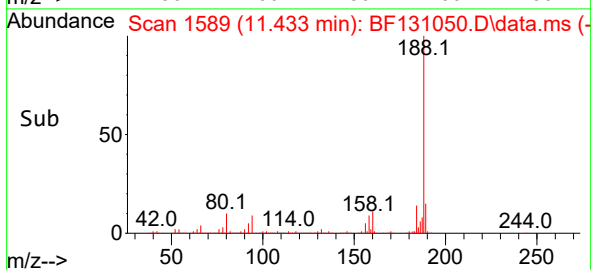
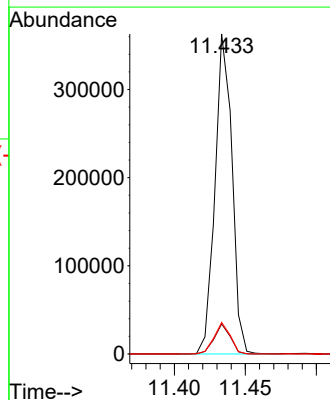
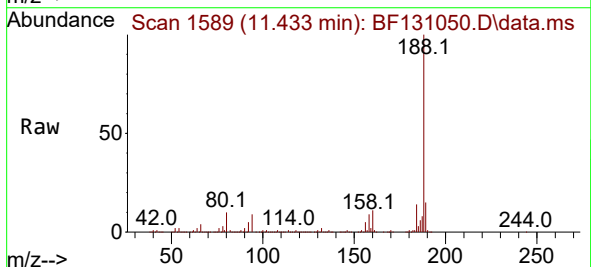
Instrument :
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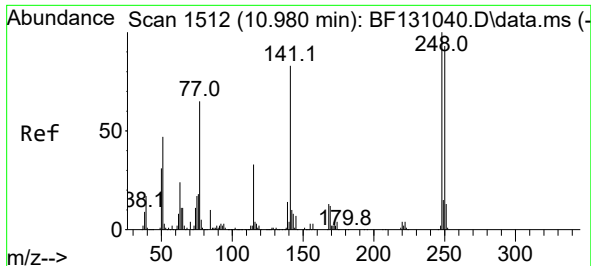
Tgt Ion:165 Resp: 23066
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.2 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion:188 Resp: 301771
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 2.703 ng

RT: 10.733 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Instrument :

BNA_F

ClientSampleId :

R-16

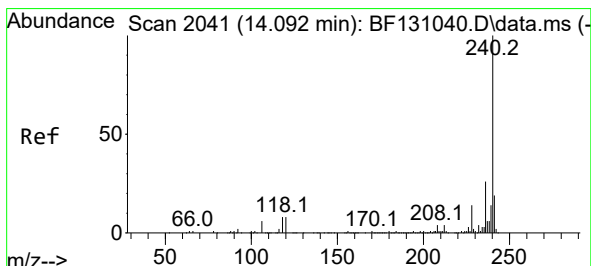
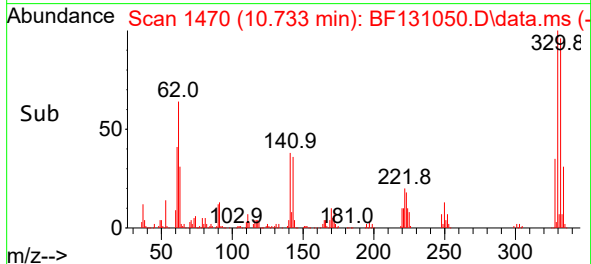
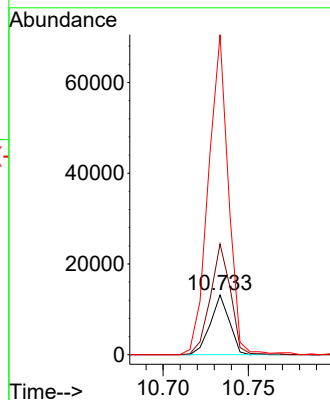
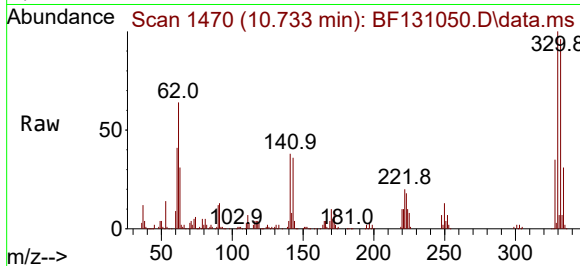
Tgt Ion:248 Resp: 10248

Ion Ratio Lower Upper

248 100

250 185.2 74.6 112.0#

141 535.4 66.2 99.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

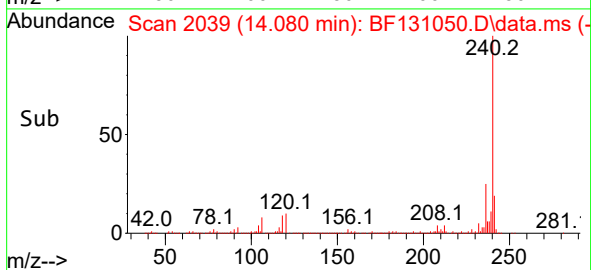
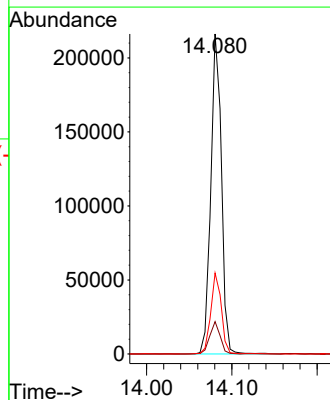
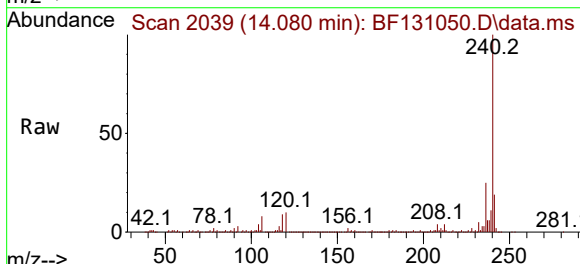
Tgt Ion:240 Resp: 187239

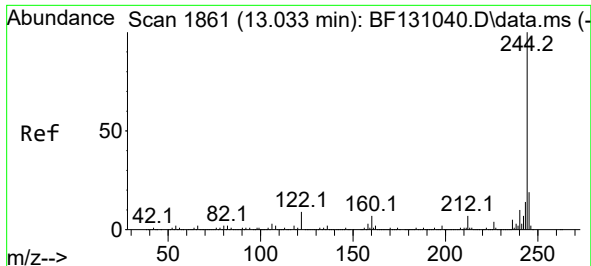
Ion Ratio Lower Upper

240 100

120 10.1 6.7 10.1#

236 25.3 20.8 31.2

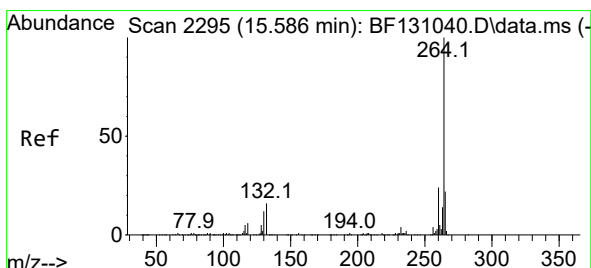
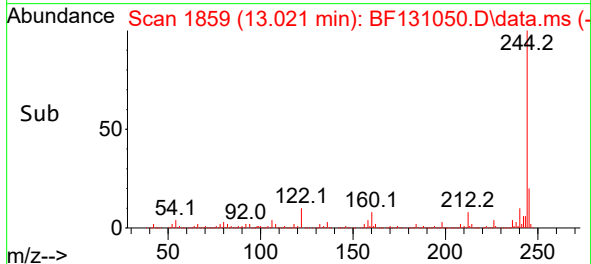
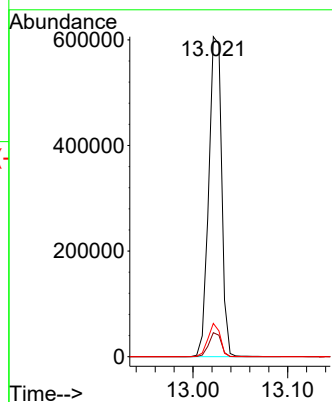
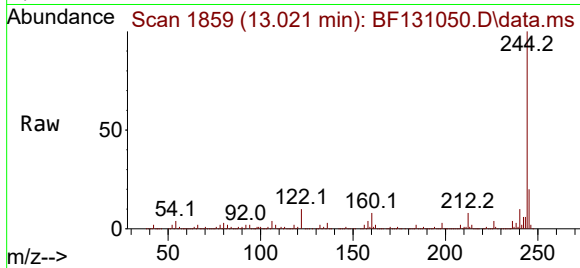




#79
 Terphenyl-d14
 Concen: 48.986 ng
 RT: 13.021 min Scan# 1861
 Delta R.T. -0.012 min
 Lab File: BF131050.D
 Acq: 07 Nov 2022 18:54

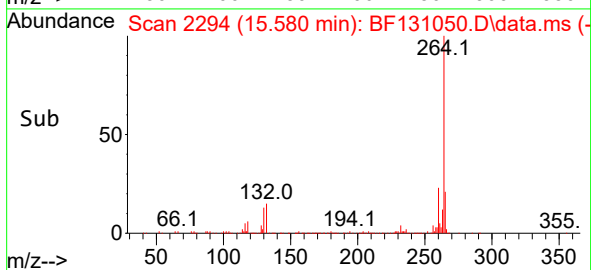
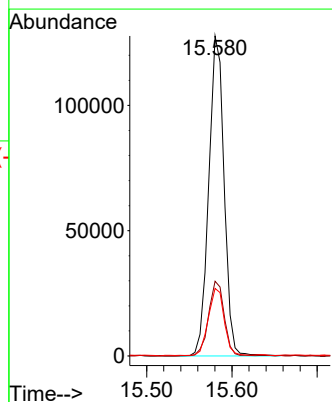
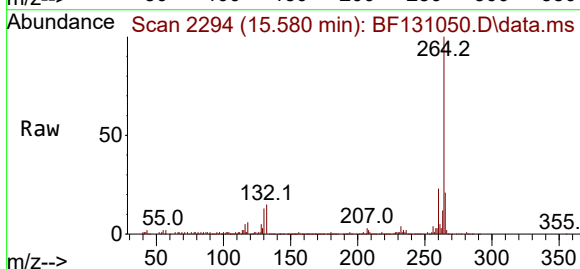
Instrument :
 BNA_F
 ClientSampleId :
 R-16

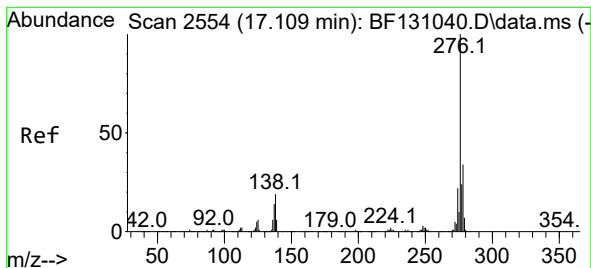
Tgt Ion:244 Resp: 572095
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131050.D
 Acq: 07 Nov 2022 18:54

Tgt Ion:264 Resp: 160025
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.846 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Instrument :

BNA_F

ClientSampleId :

R-16

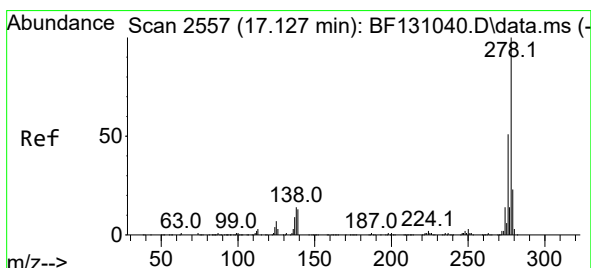
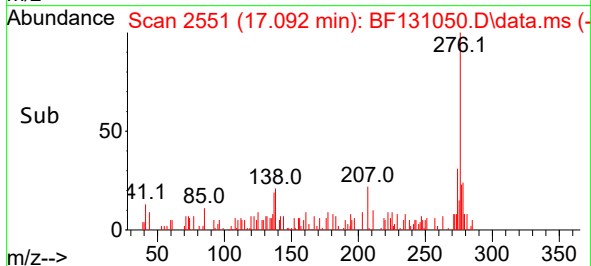
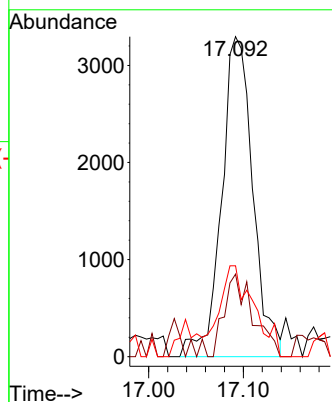
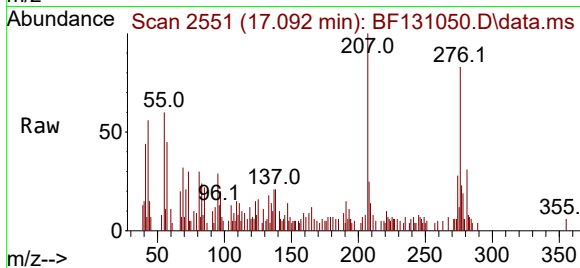
Tgt Ion:276 Resp: 7564

Ion Ratio Lower Upper

276 100

138 23.7 17.3 25.9

277 31.1 20.2 30.4#



#91

Dibenzo(a,h)anthracene

Concen: 3.561 ng

RT: 17.115 min Scan# 2555

Delta R.T. -0.012 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

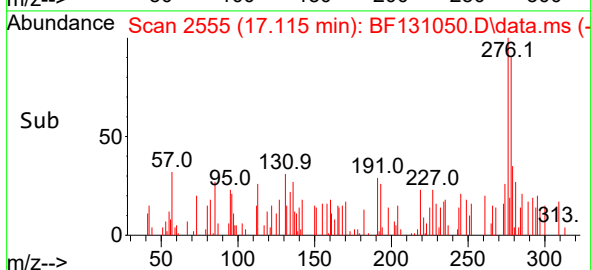
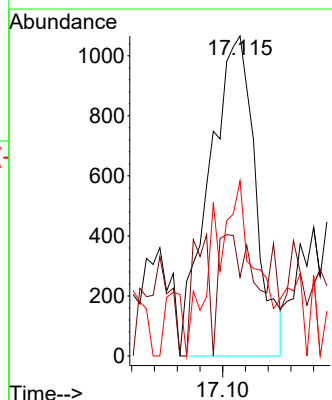
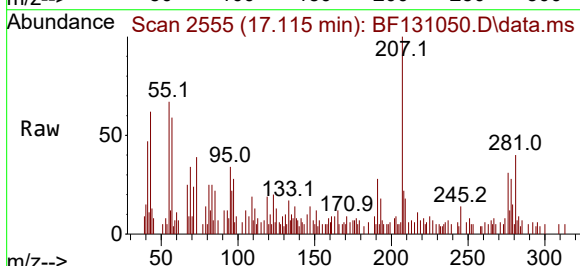
Tgt Ion:278 Resp: 3003

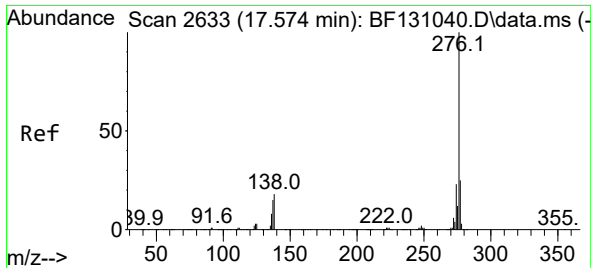
Ion Ratio Lower Upper

278 100

139 24.6 10.8 16.2#

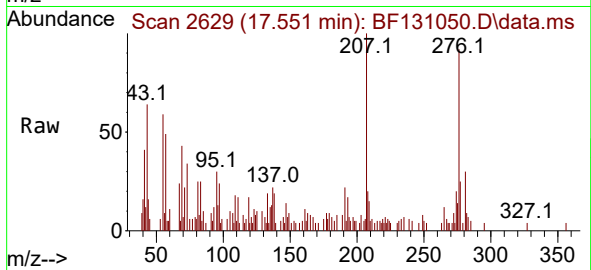
279 54.7 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 4.104 ng
 RT: 17.551 min Scan# 20
 Delta R.T. -0.023 min
 Lab File: BF131050.D
 Acq: 07 Nov 2022 18:54

Instrument :
 BNA_F
 ClientSampleId :
 R-16



Tgt Ion:	276	Resp:	8600
Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.0	30.0
138	20.9	14.8	22.2

