

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131051.D
 Acq On : 07 Nov 2022 19:29
 Operator : CG\JU
 Sample : N5415-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-17

Quant Time: Nov 08 02:17:48 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)

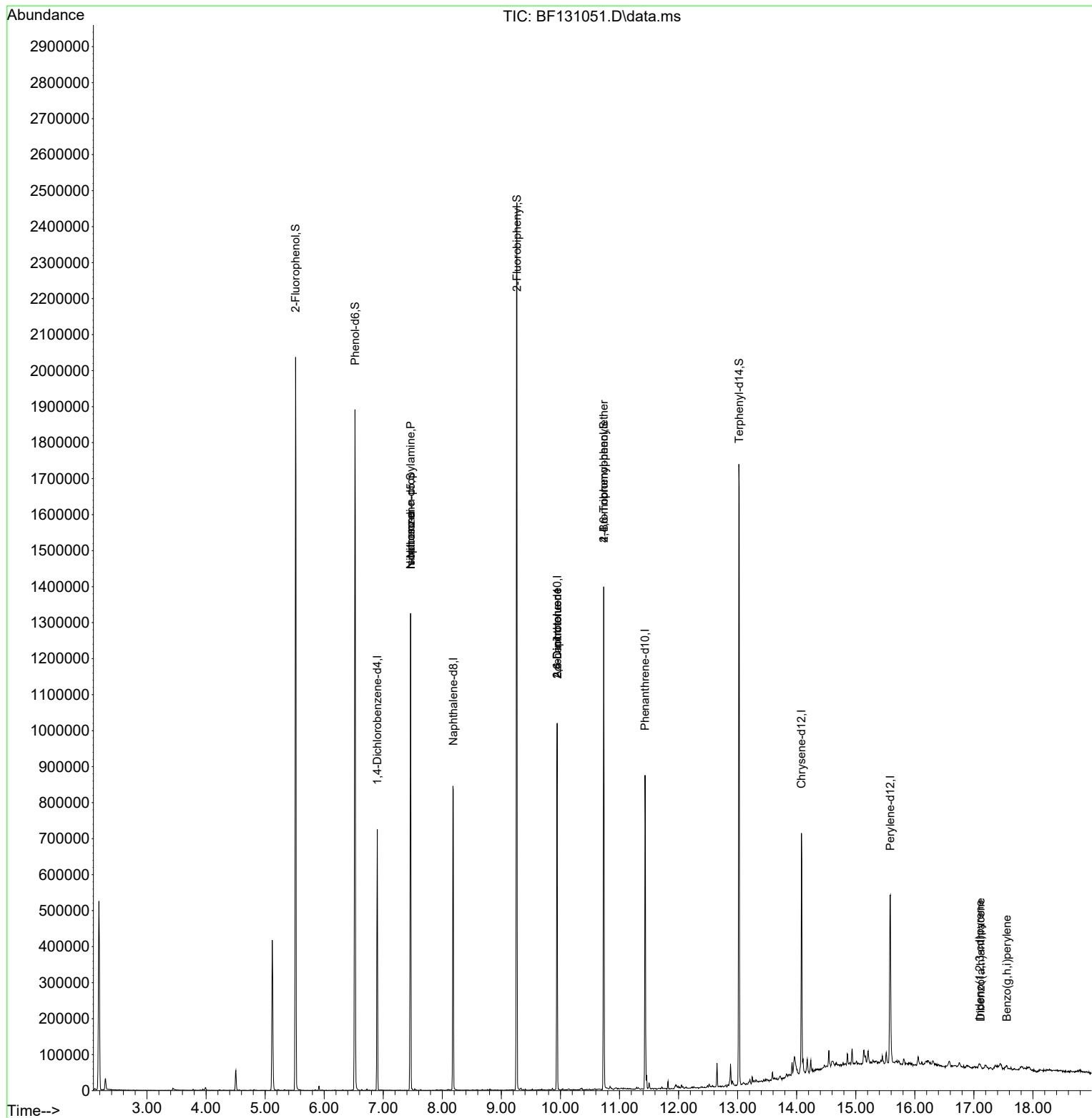
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	91215	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	364995	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	195907	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	310115	20.000	ng	0.00
76) Chrysene-d12	14.080	240	219687	20.000	ng	-0.01
86) Perylene-d12	15.586	264	223128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	514674	90.984	ng	0.00
7) Phenol-d6	6.522	99	617834	89.484	ng	0.00
23) Nitrobenzene-d5	7.463	82	384058	48.774	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	144737	67.105	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	742131	51.626	ng	0.00
79) Terphenyl-d14	13.027	244	601549	43.901	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	53653	10.904	ng	# 75
25) Isophorone	7.463	82	383427	28.409	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	24850	7.716	ng	# 17
55) Dibenzofuran	10.145	168	177	Below Cal		# 58
57) 2,4-Dinitrotoluene	9.945	165	24850	5.939	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	9324	2.393	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.098	276	8473	3.743	ng	# 92
91) Dibenzo(a,h)anthracene	17.115	278	2977	3.487	ng	# 69
92) Benzo(g,h,i)perylene	17.556	276	7353	3.829	ng	# 86

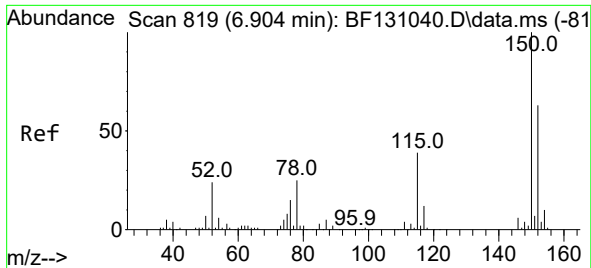
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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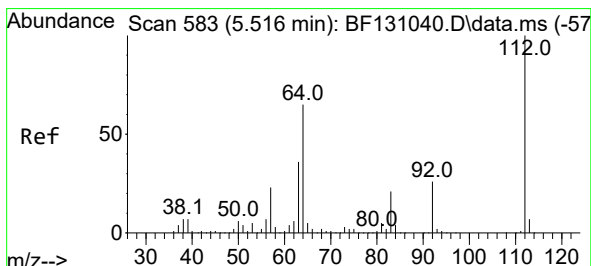
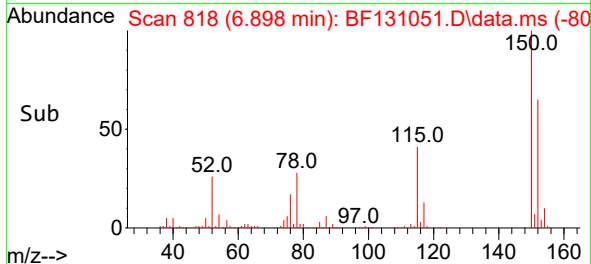
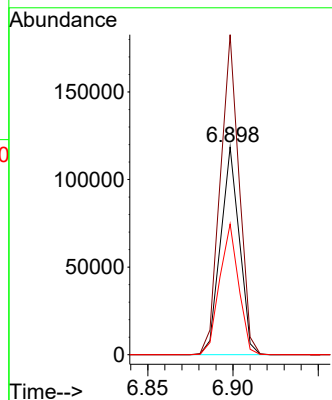
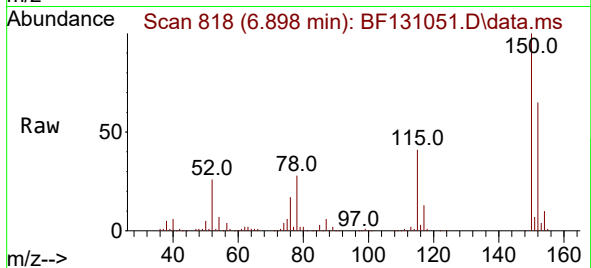




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

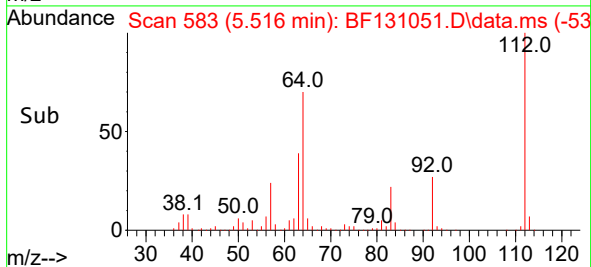
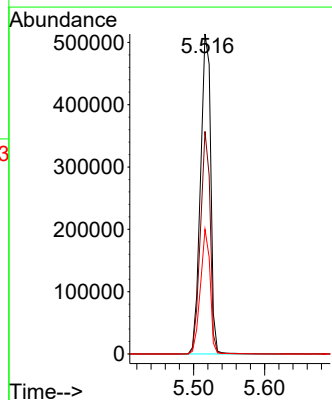
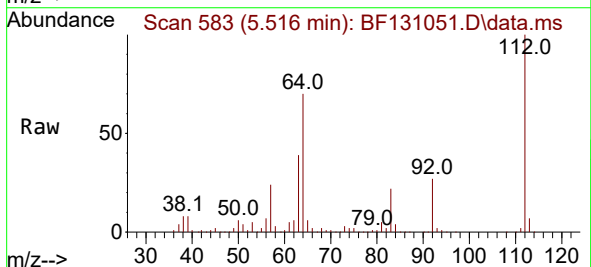
Instrument :
 BNA_F
 ClientSampleId :
 R-17

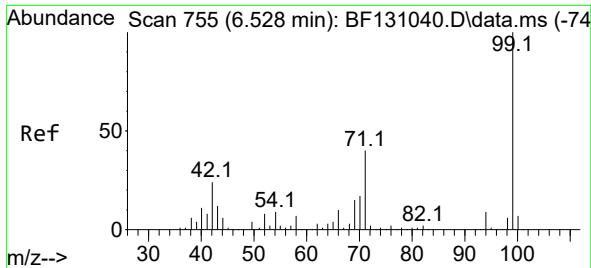
Tgt Ion:152 Resp: 91215
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.6 189.8
 115 63.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 90.984 ng
 RT: 5.516 min Scan# 583
 Delta R.T. -0.000 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

Tgt Ion:112 Resp: 514674
 Ion Ratio Lower Upper
 112 100
 64 69.6 52.2 78.4
 63 39.0 29.0 43.4

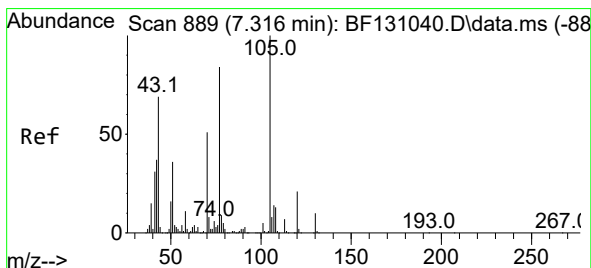
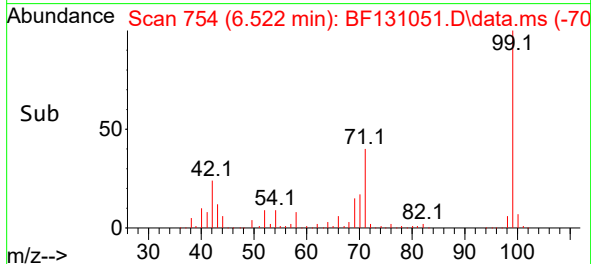
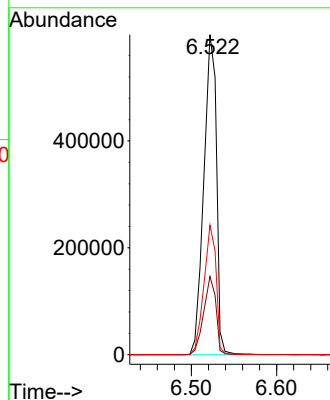
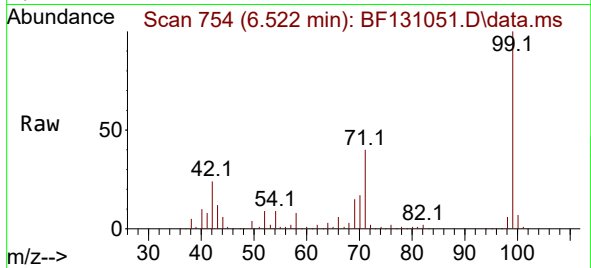




#7
Phenol-d6
Concen: 89.484 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

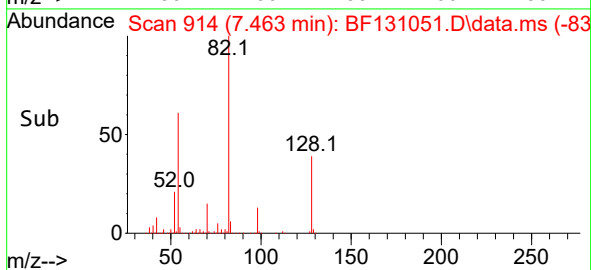
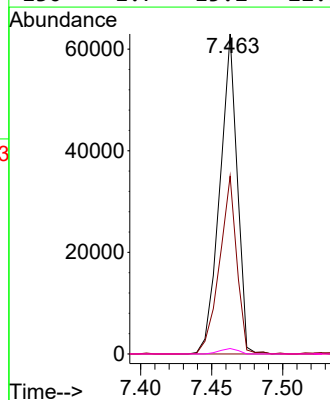
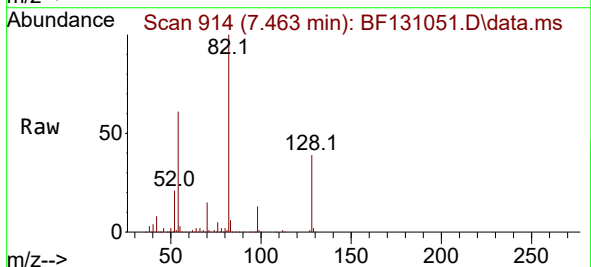
Instrument :
BNA_F
ClientSampleId :
R-17

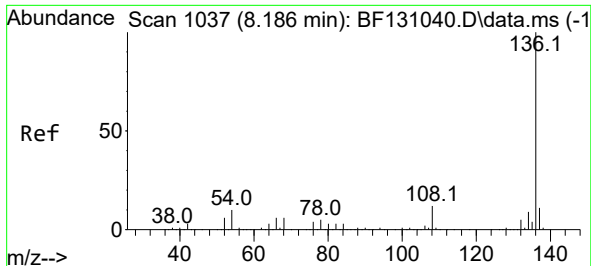
Tgt Ion: 99 Resp: 617834
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.0
71 40.5 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.904 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

Tgt Ion: 70 Resp: 53653
Ion Ratio Lower Upper
70 100
42 55.6 59.0 88.4#
101 0.0 8.0 12.0#
130 1.7 15.2 22.8#

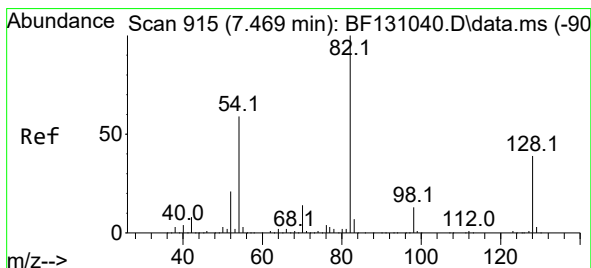
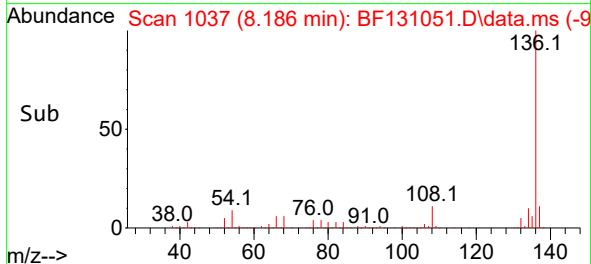
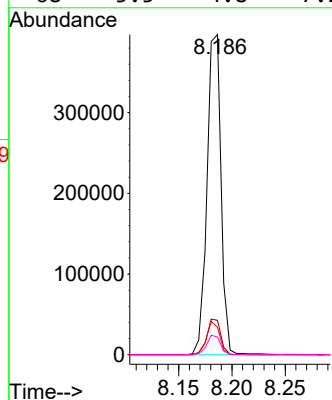
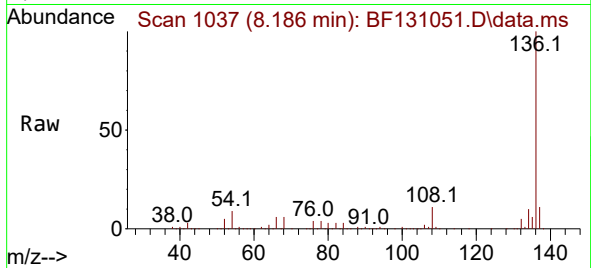




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

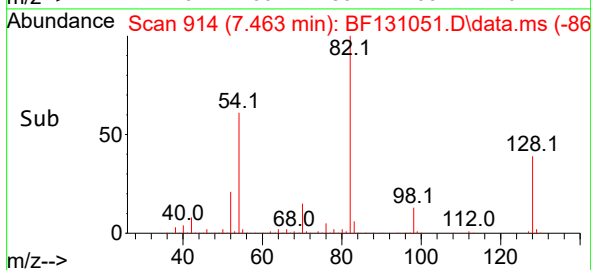
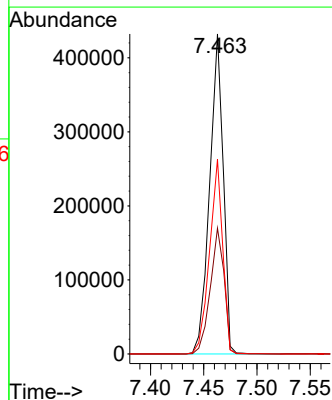
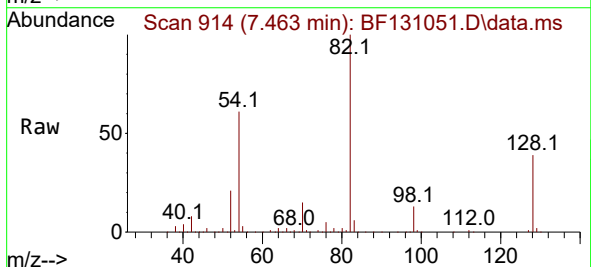
Instrument :
BNA_F
ClientSampleId :
R-17

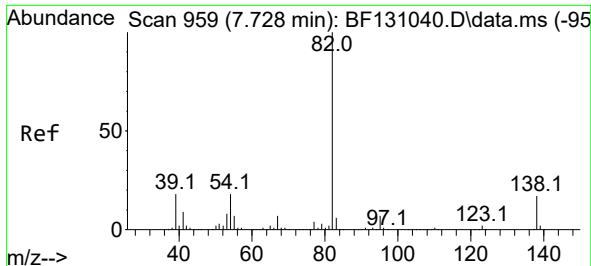
Tgt Ion:	136	Resp:	364995
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	8.6	8.2	12.2
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 48.774 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

Tgt Ion:	82	Resp:	384058
Ion Ratio	Lower	Upper	
82	100		
128	39.3	31.3	46.9
54	60.8	47.2	70.8

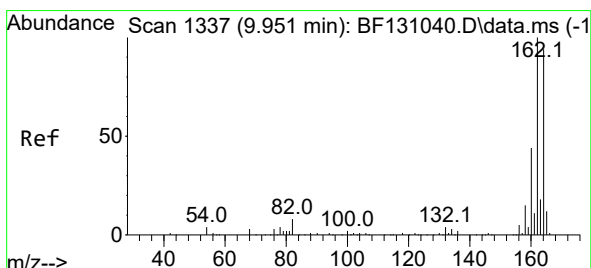
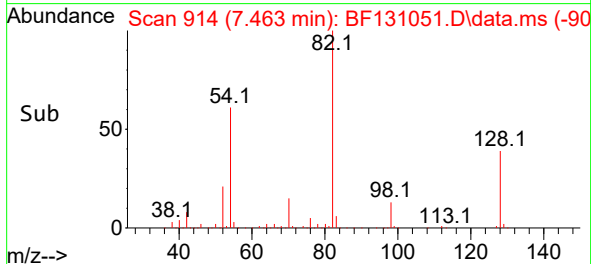
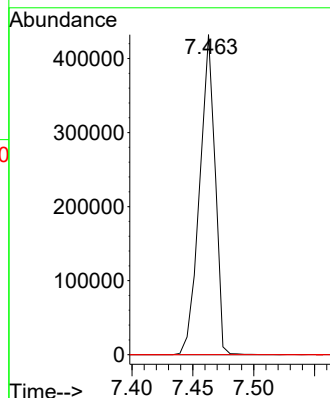
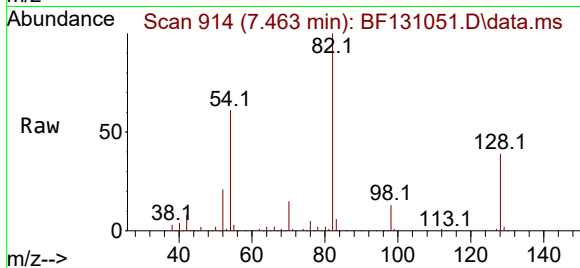




#25
Isophorone
Concen: 28.409 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

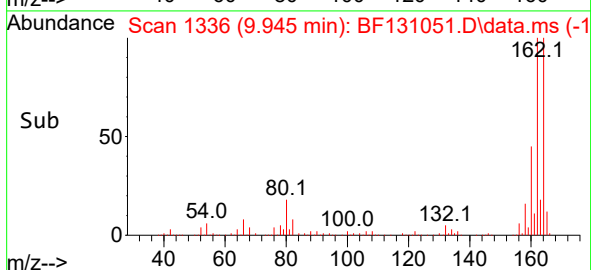
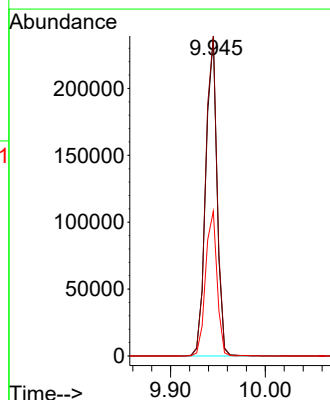
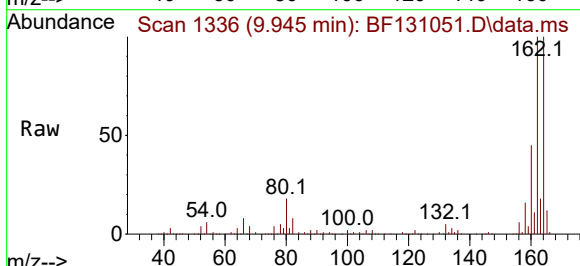
Instrument :
BNA_F
ClientSampleId :
R-17

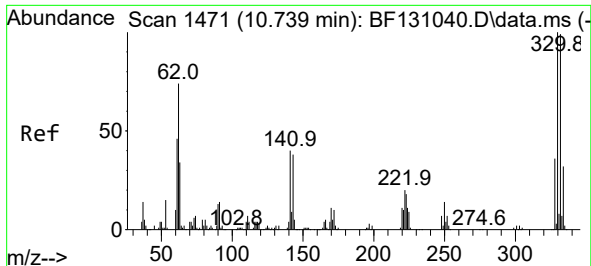
Tgt Ion: 82 Resp: 383427
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

Tgt Ion:164 Resp: 195907
Ion Ratio Lower Upper
164 100
162 100.5 85.0 127.6
160 45.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 67.105 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

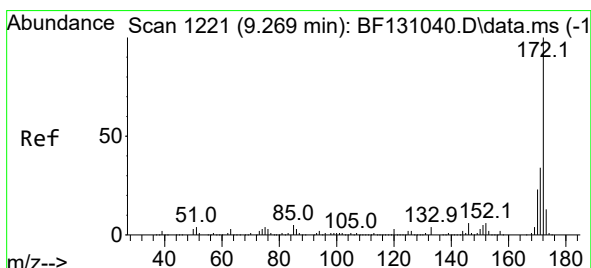
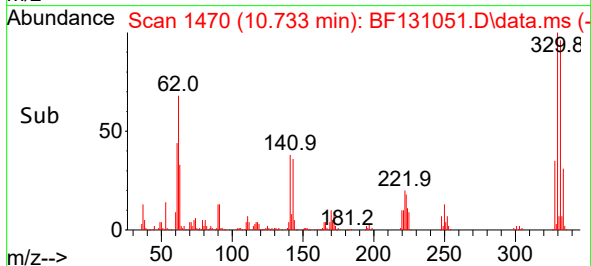
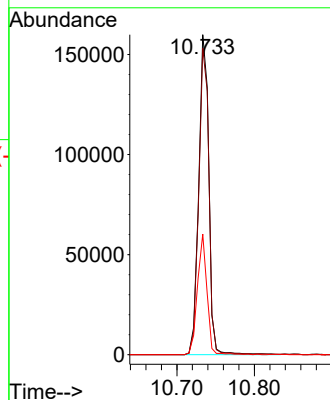
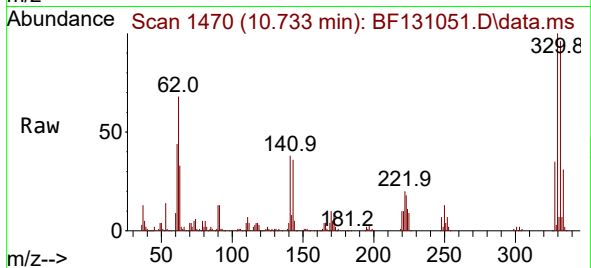
Tgt Ion:330 Resp: 144737

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 35.5 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 51.626 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

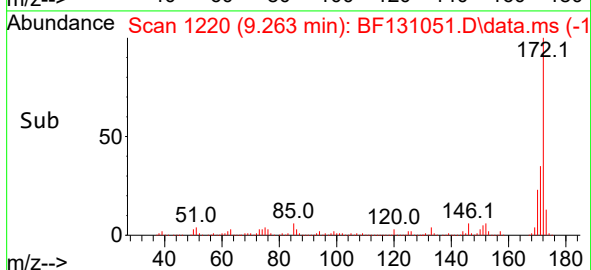
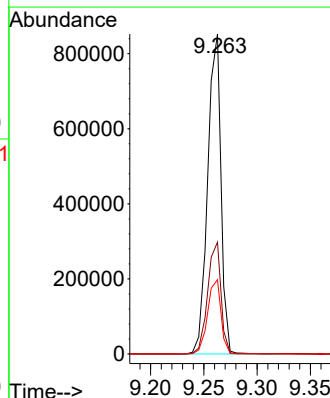
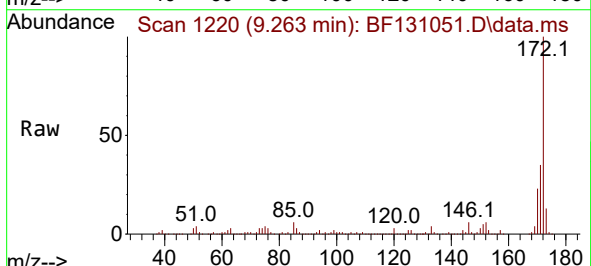
Tgt Ion:172 Resp: 742131

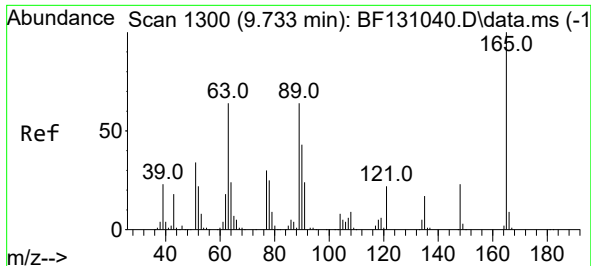
Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.2 18.4 27.6

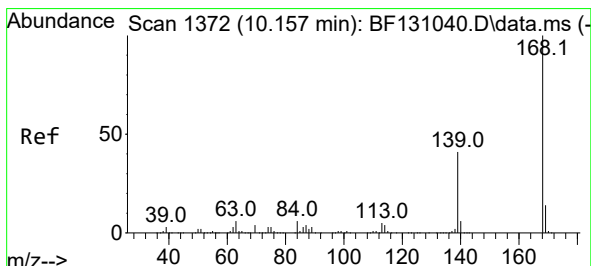
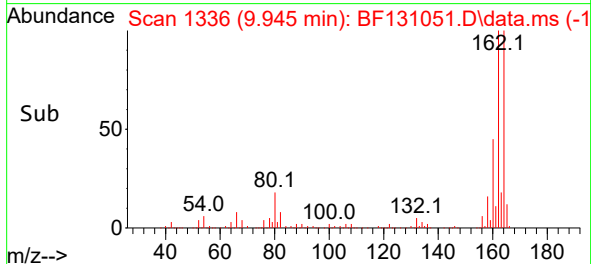
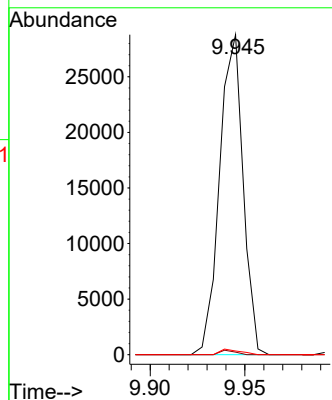
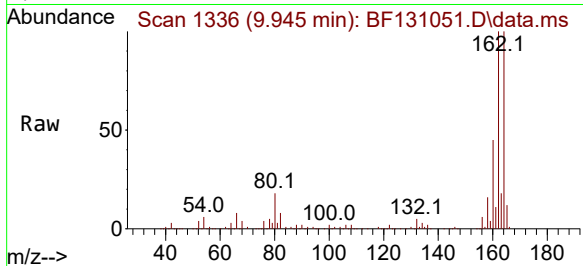




#51
2,6-Dinitrotoluene
Concen: 7.716 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

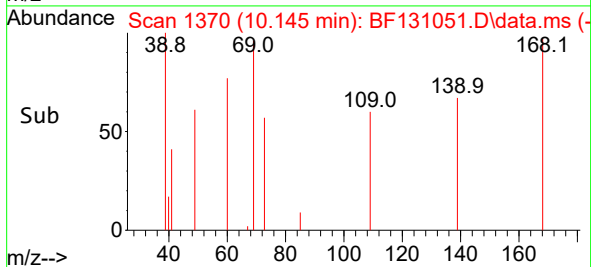
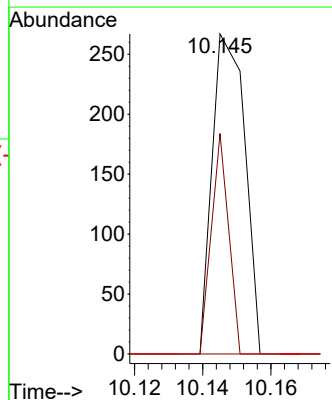
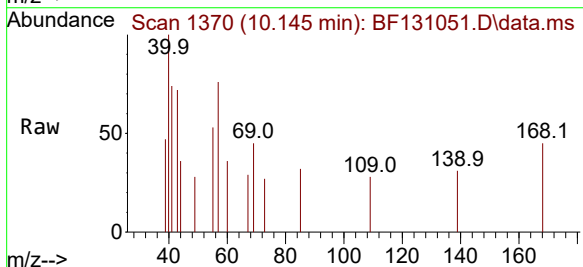
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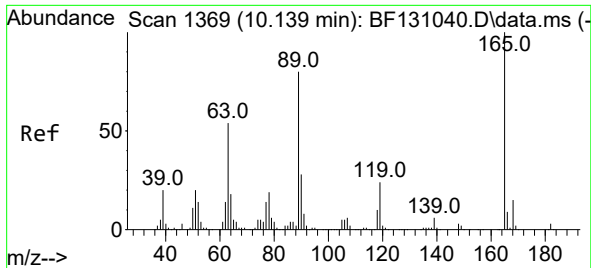
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Ion Ratio Lower Upper
165 100
63 0.8 57.2 85.8#
89 1.2 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

Tgt Ion:168 Resp: 177
Ion Ratio Lower Upper
168 100
139 68.9 33.0 49.6#
169 0.0 11.3 16.9#

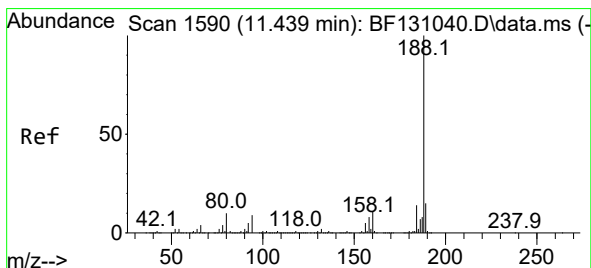
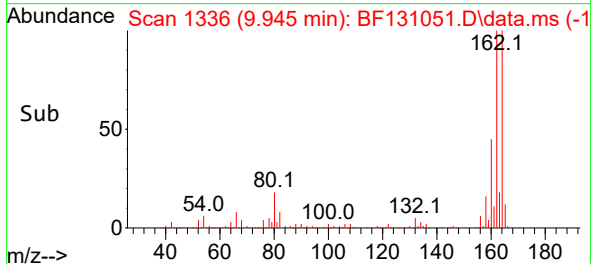
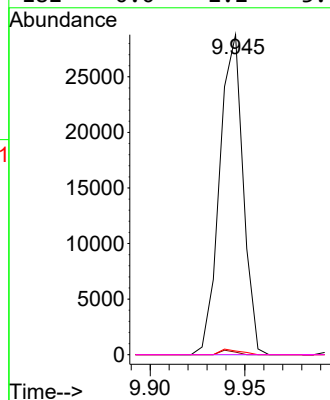
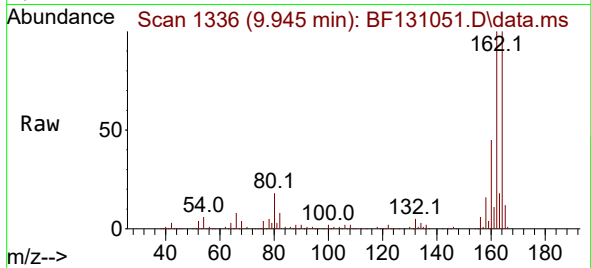




#57
2,4-Dinitrotoluene
Concen: 5.939 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

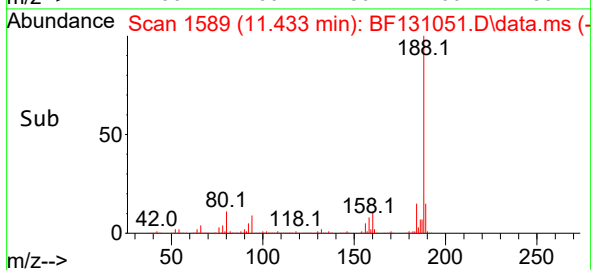
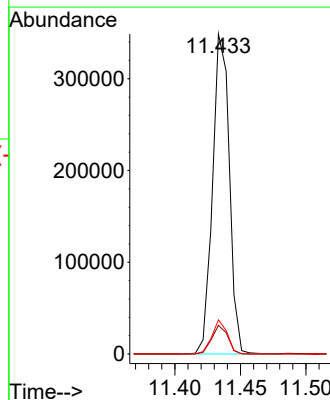
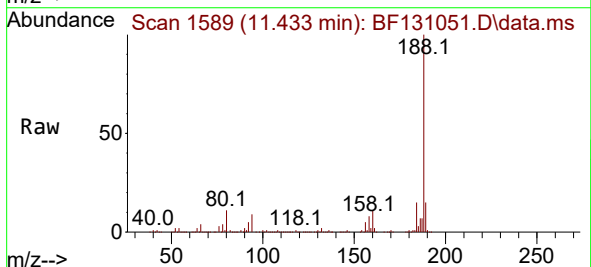
Instrument :
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R-17

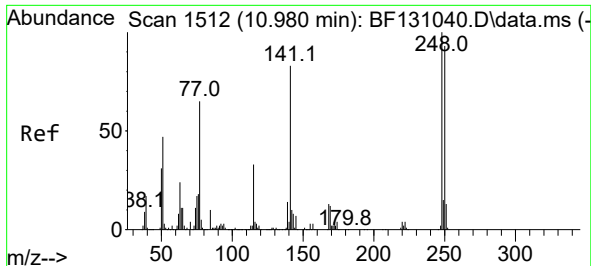
Tgt Ion:165 Resp: 24850
Ion Ratio Lower Upper
165 100
63 0.8 43.4 65.0#
89 1.2 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

Tgt Ion:188 Resp: 310115
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.7 8.1 12.1

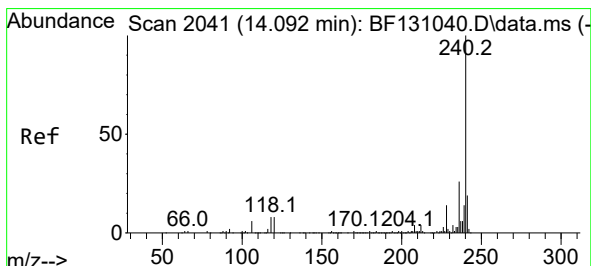
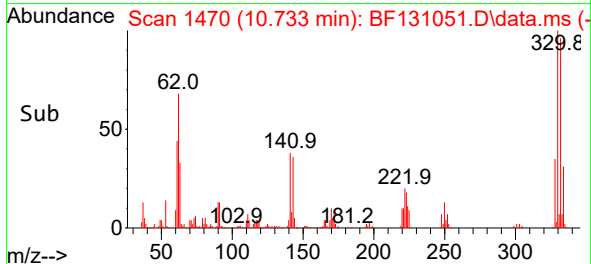
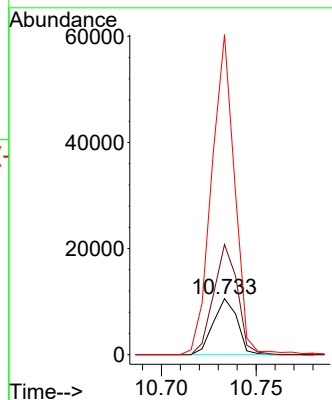
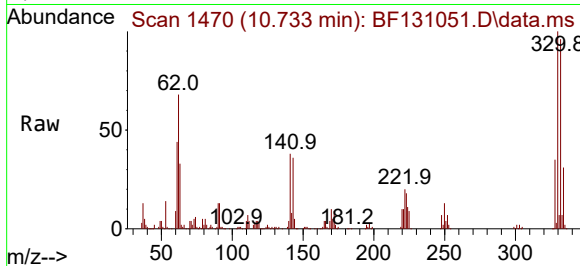




#67
4-Bromophenyl-phenylether
Concen: 2.393 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

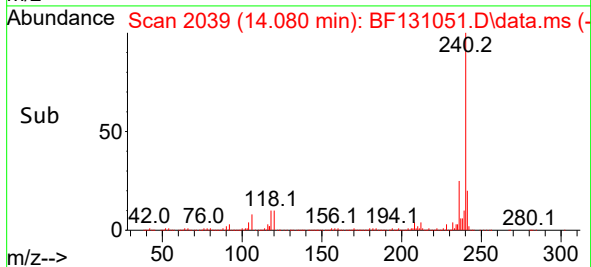
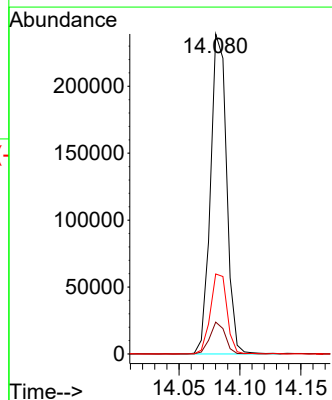
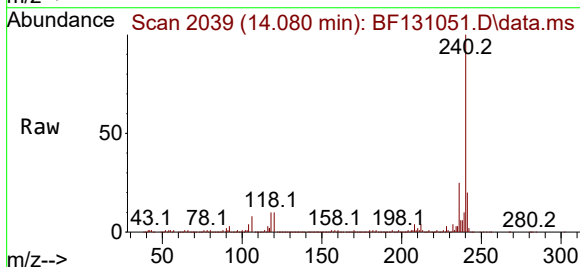
Instrument :
BNA_F
ClientSampleId :
R-17

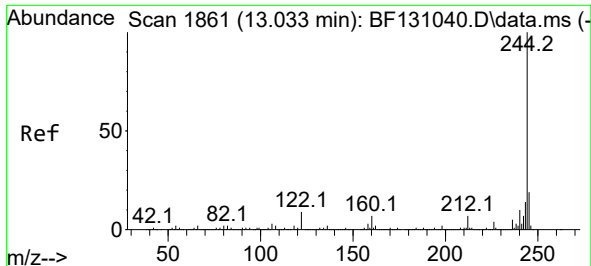
Tgt Ion:248 Resp: 9324
Ion Ratio Lower Upper
248 100
250 196.8 74.6 112.0#
141 571.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.012 min
Lab File: BF131051.D
Acq: 07 Nov 2022 19:29

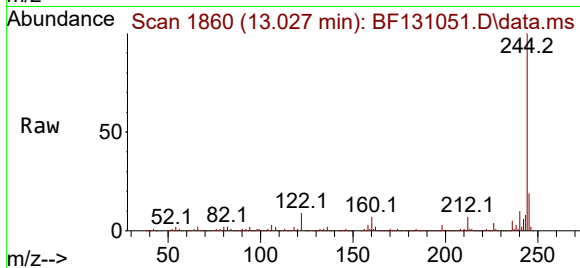
Tgt Ion:240 Resp: 219687
Ion Ratio Lower Upper
240 100
120 10.0 6.7 10.1
236 25.0 20.8 31.2



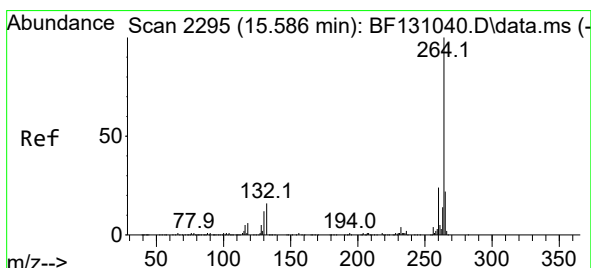
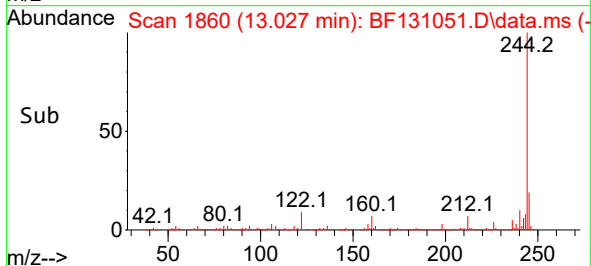
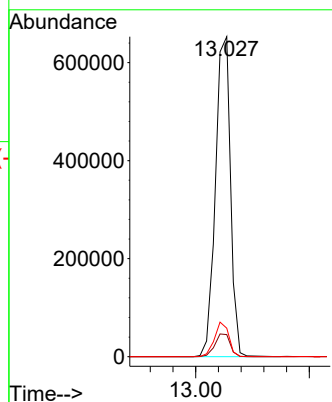


#79
 Terphenyl-d14
 Concen: 43.901 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

Instrument :
 BNA_F
 ClientSampleId :
 R-17

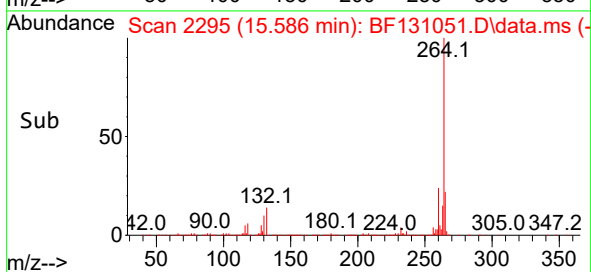
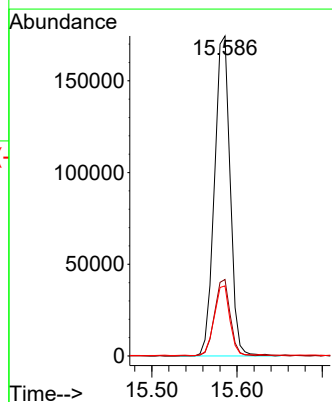
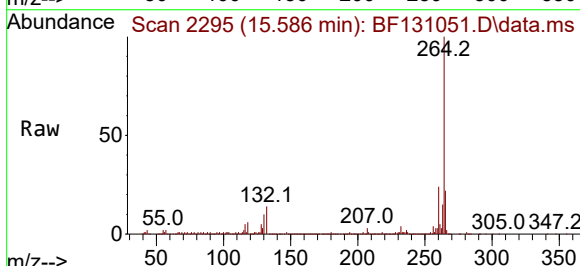


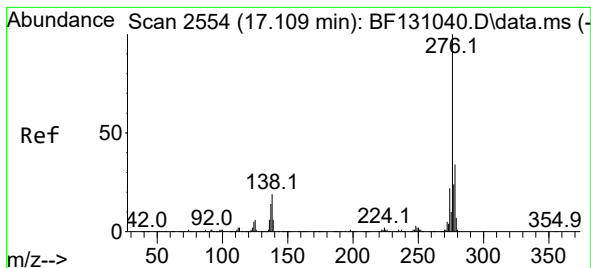
Tgt Ion:244 Resp: 601549
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

Tgt Ion:264 Resp: 223128
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.743 ng

RT: 17.098 min Scan# 2554

Delta R.T. -0.011 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

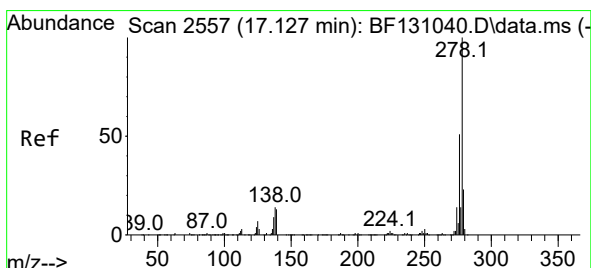
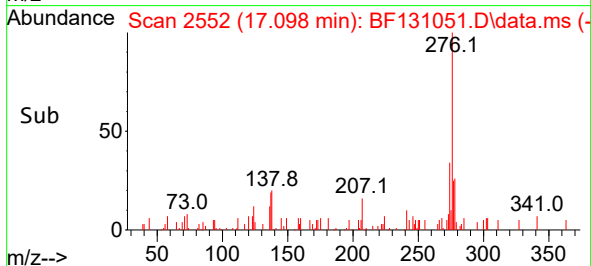
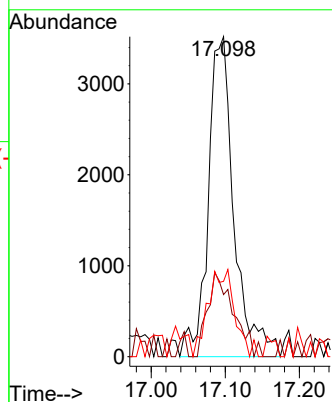
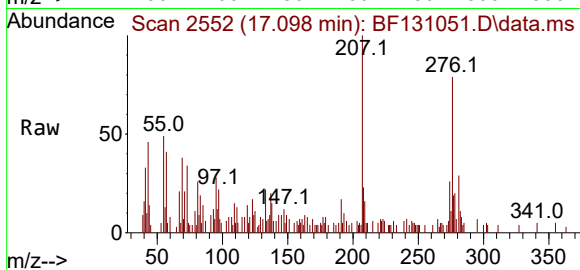
Tgt Ion:276 Resp: 8473

Ion Ratio Lower Upper

276 100

138 26.9 17.3 25.9#

277 28.2 20.2 30.4



#91

Dibenzo(a,h)anthracene

Concen: 3.487 ng

RT: 17.115 min Scan# 2555

Delta R.T. -0.012 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

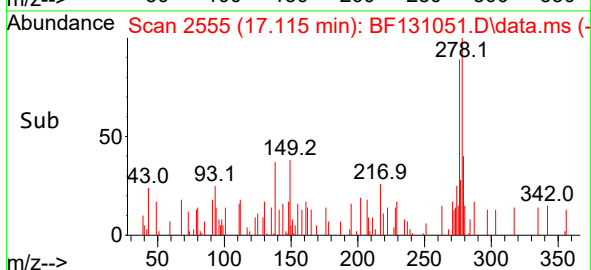
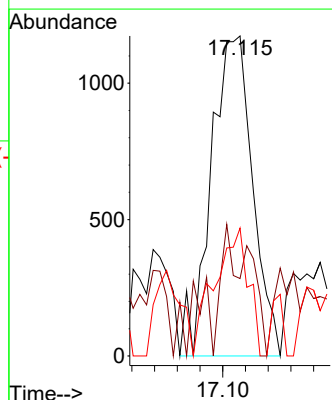
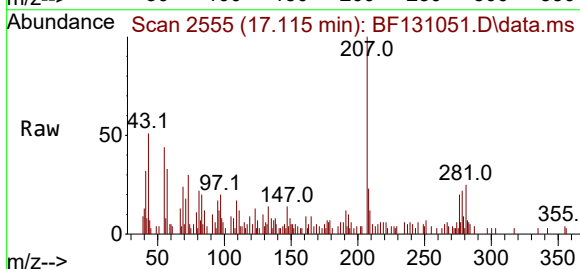
Tgt Ion:278 Resp: 2977

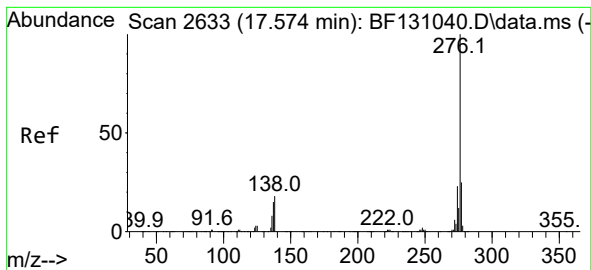
Ion Ratio Lower Upper

278 100

139 24.2 10.8 16.2#

279 40.0 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.829 ng

RT: 17.556 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF131051.D

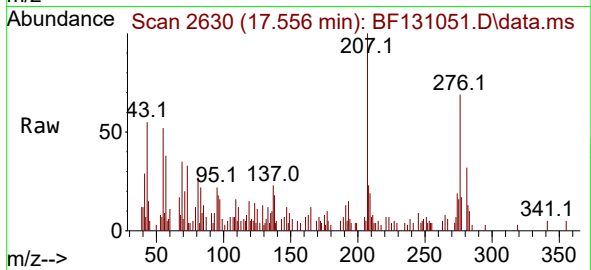
Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17



Tgt Ion:276 Resp: 7353

Ion Ratio Lower Upper

276 100

277 24.4 20.0 30.0

138 32.1 14.8 22.2#

