

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131047.D
 Acq On : 07 Nov 2022 17:06
 Operator : CG\JU
 Sample : N5415-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-14

Quant Time: Nov 08 02:16:54 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)

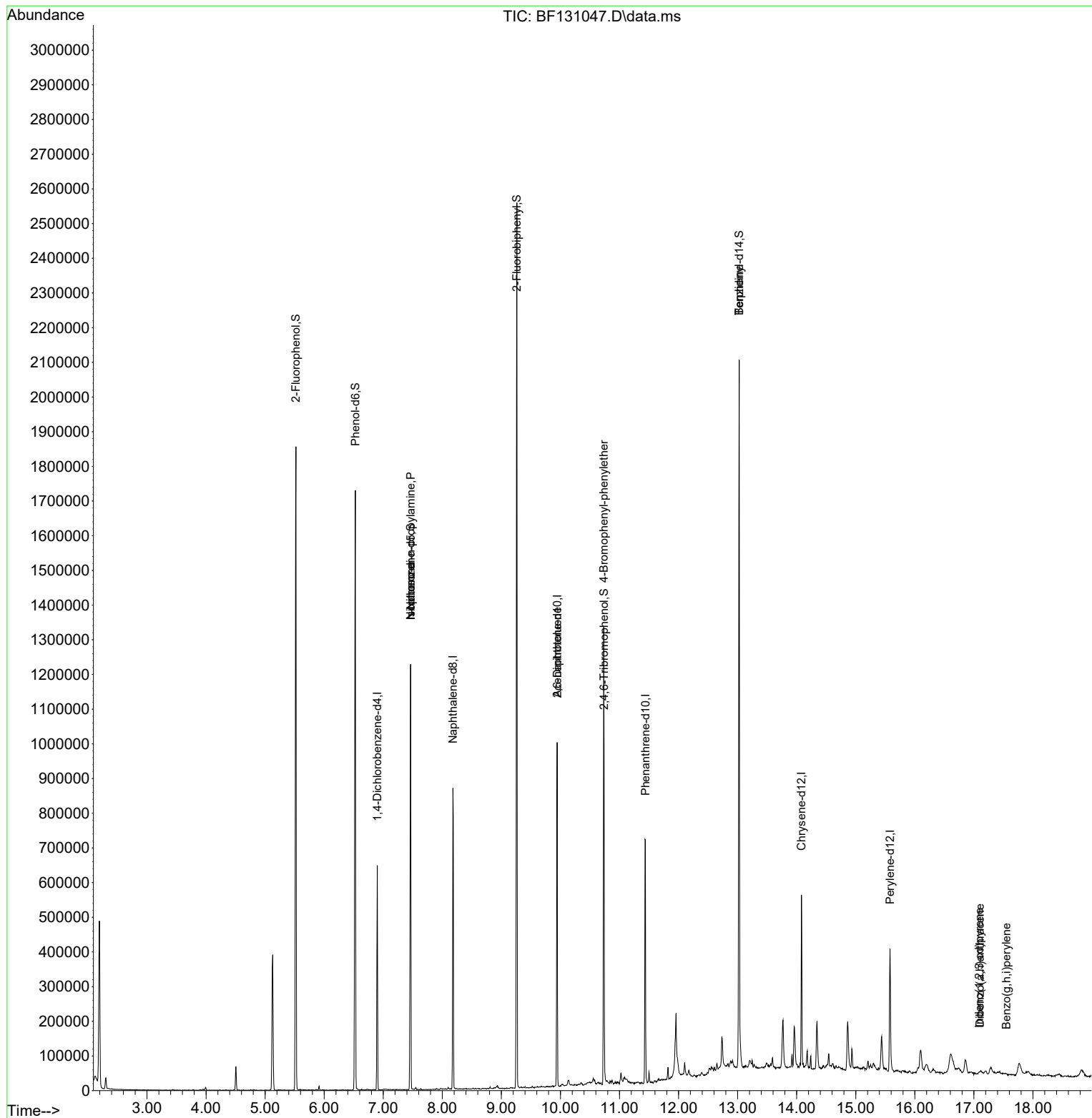
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	77378	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	365975	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	184569	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	259796	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	156512	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	153224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	459783	95.815	ng	0.00
7) Phenol-d6	6.528	99	532410	90.901	ng	0.00
23) Nitrobenzene-d5	7.463	82	365876	46.340	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	138494	68.155	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	735125	54.280	ng	0.00
79) Terphenyl-d14	13.027	244	648777	66.459	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	51224	12.272	ng	# 76
25) Isophorone	7.463	82	365874	27.036	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	23679	7.804	ng	# 18
55) Dibenzofuran	10.145	168	726	Below Cal		# 91
67) 4-Bromophenyl-phenylether	10.733	248	9470	2.901	ng	# 1
77) Benzidine	13.027	184	10623	2.516	ng	95
87) Indeno(1,2,3-cd)pyrene	17.092	276	2324	3.490	ng	# 92
91) Dibenzo(a,h)anthracene	17.103	278	1255	3.417	ng	# 56
92) Benzo(g,h,i)perylene	17.551	276	2152	3.578	ng	# 74

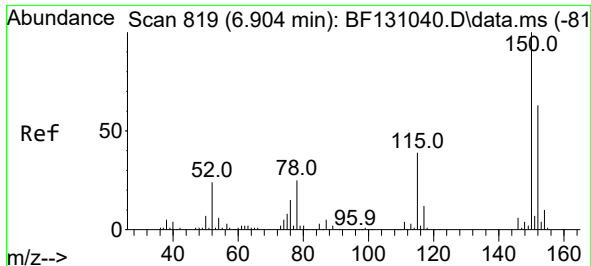
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131047.D
Acq On : 07 Nov 2022 17:06
Operator : CG\JU
Sample : N5415-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-14

Quant Time: Nov 08 02:16:54 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

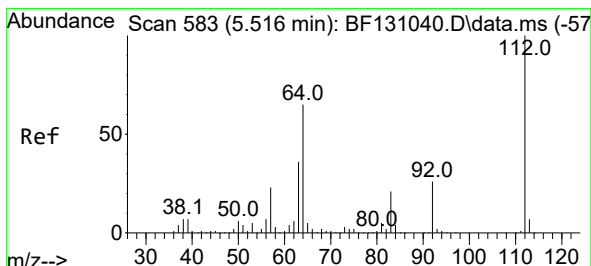
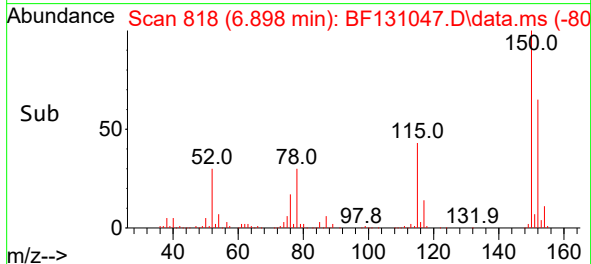
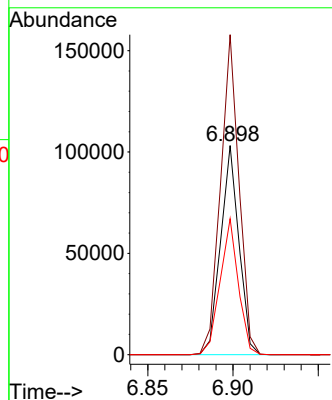
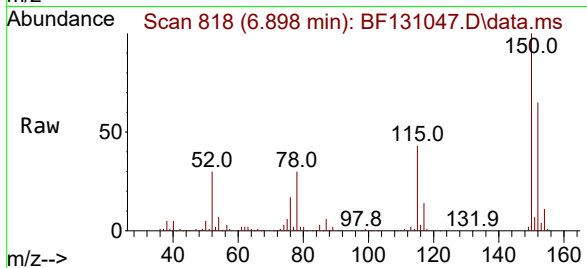




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

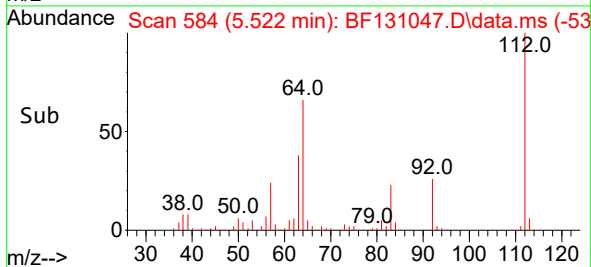
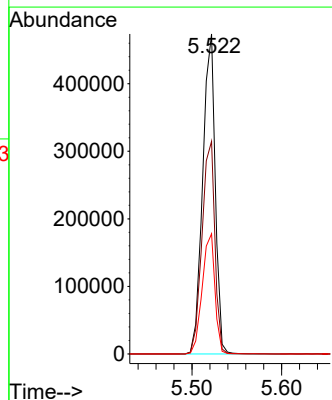
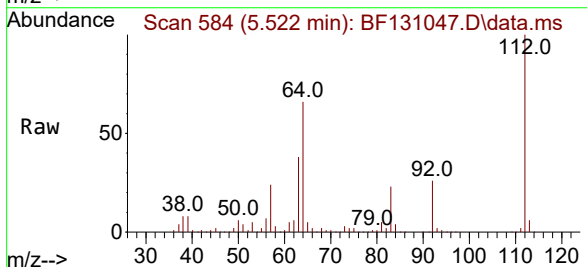
Instrument :
BNA_F
ClientSampleId :
R-14

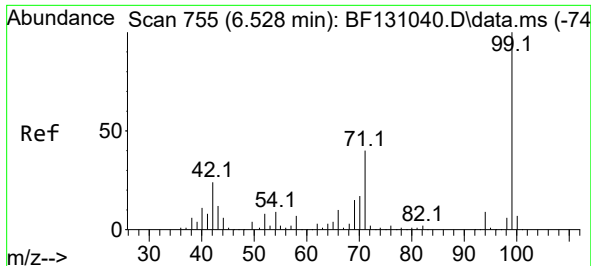
Tgt Ion:152 Resp: 77378
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 65.0 49.1 73.7



#5
2-Fluorophenol
Concen: 95.815 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:112 Resp: 459783
Ion Ratio Lower Upper
112 100
64 66.5 52.2 78.4
63 37.5 29.0 43.4

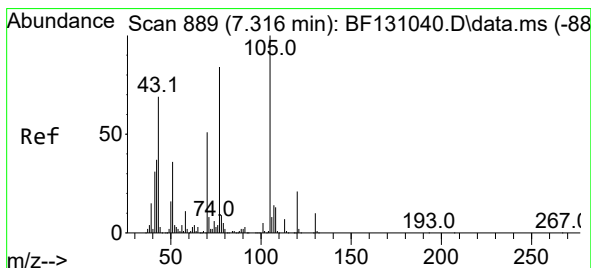
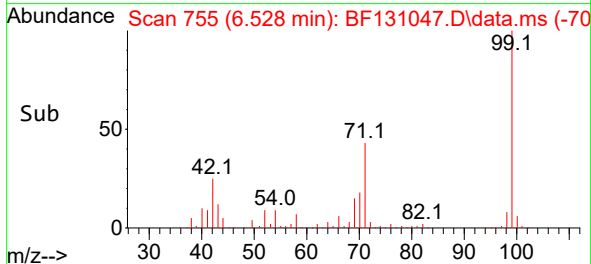
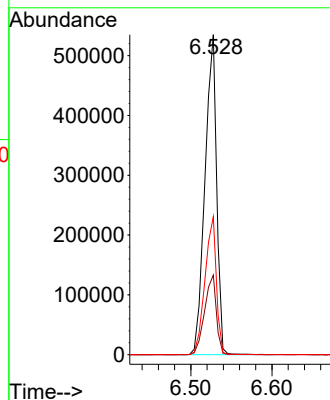
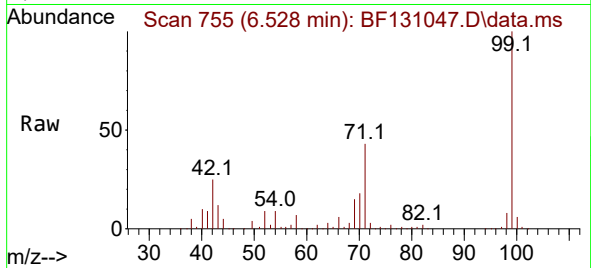




#7
Phenol-d6
Concen: 90.901 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

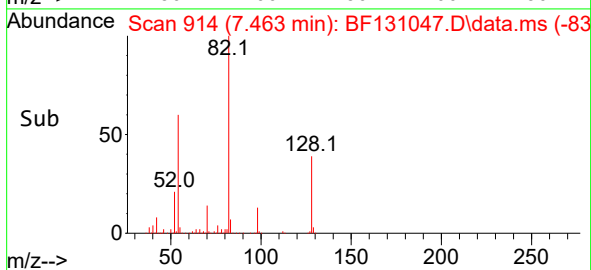
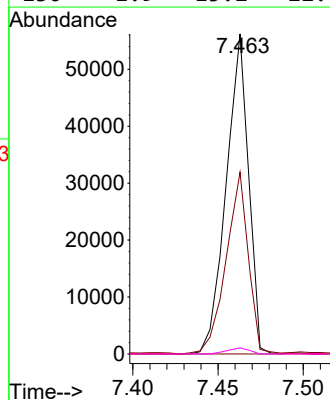
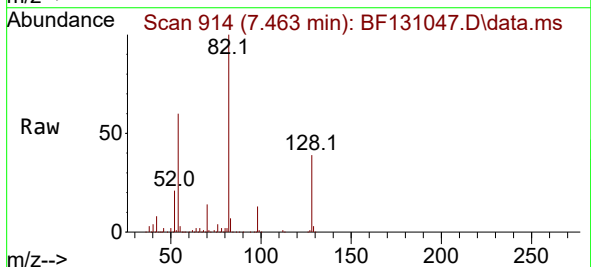
Instrument :
BNA_F
ClientSampleId :
R-14

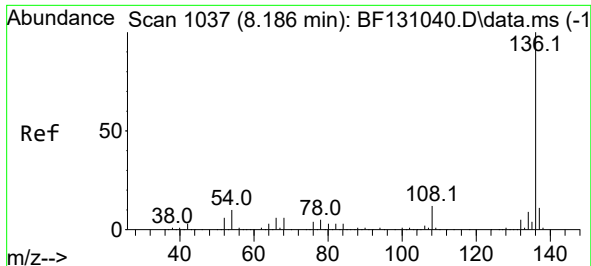
Tgt Ion: 99 Resp: 532410
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.0
71 43.1 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.272 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion: 70 Resp: 51224
Ion Ratio Lower Upper
70 100
42 56.8 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# 1

Delta R.T. -0.006 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

R-14

Tgt Ion:136 Resp: 365975

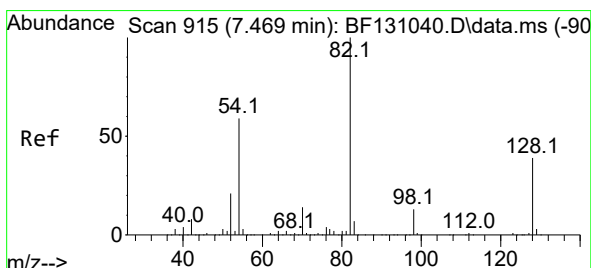
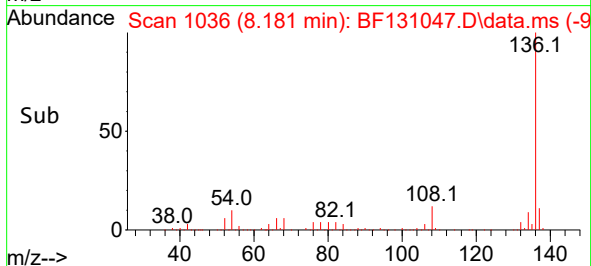
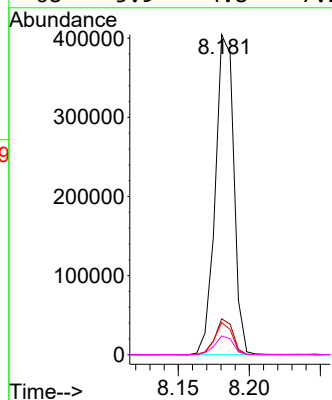
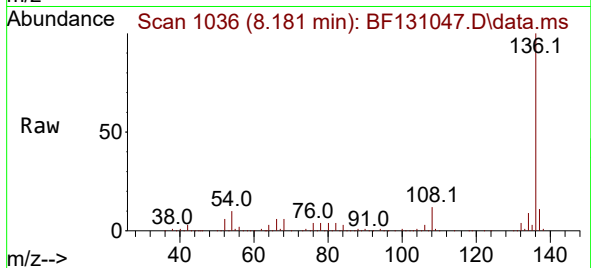
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 8.2 12.2

68 5.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 46.340 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

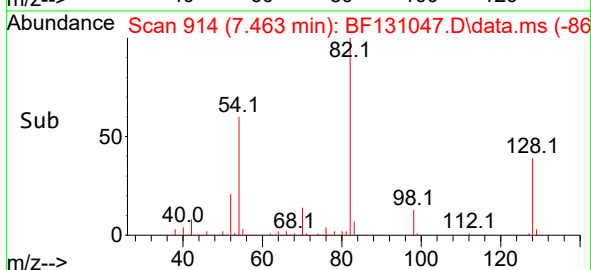
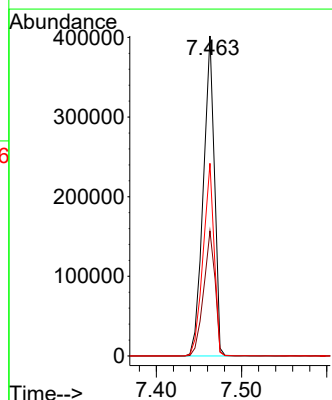
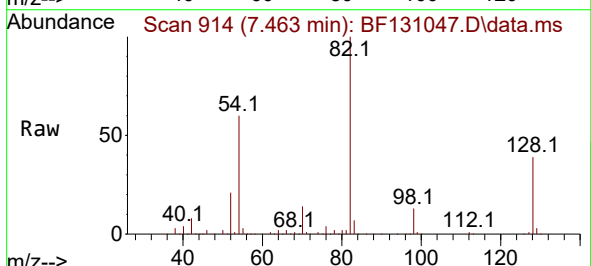
Tgt Ion: 82 Resp: 365876

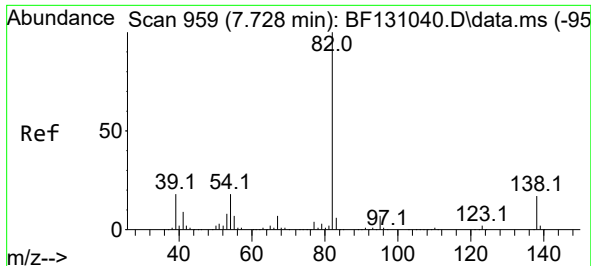
Ion Ratio Lower Upper

82 100

128 39.0 31.3 46.9

54 60.2 47.2 70.8

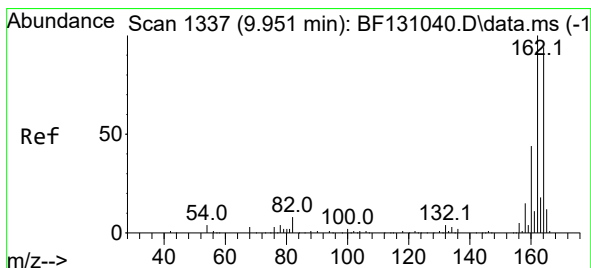
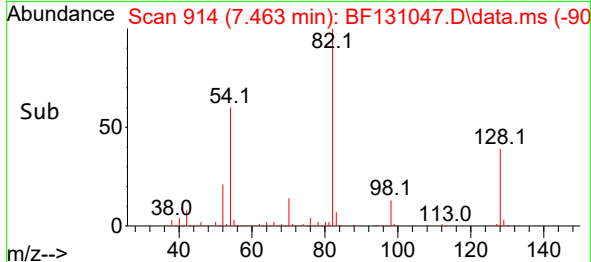
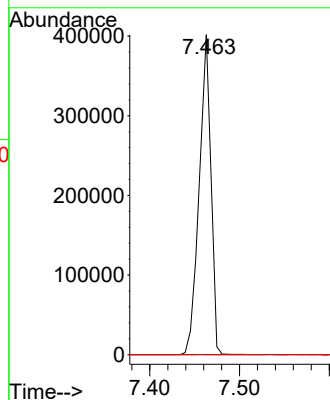
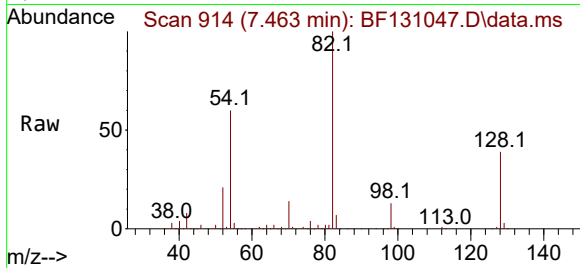




#25
Isophorone
Concen: 27.036 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

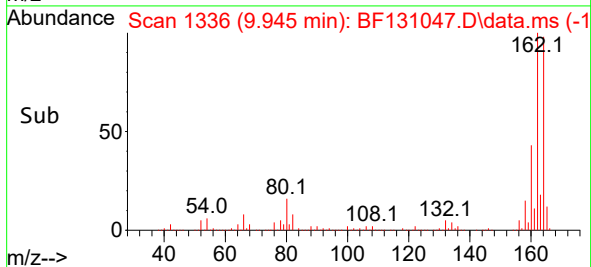
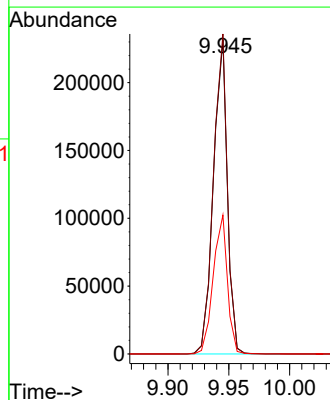
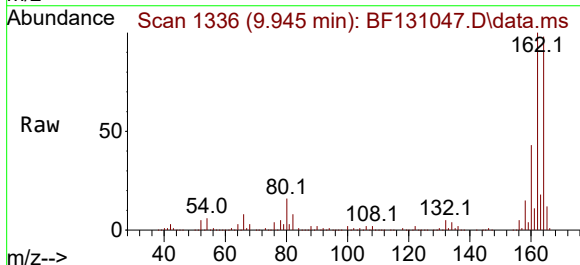
Instrument :
BNA_F
ClientSampleId :
R-14

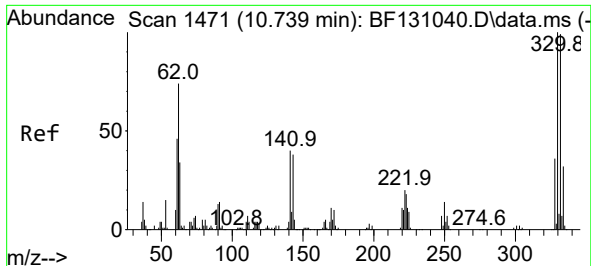
Tgt Ion: 82 Resp: 365874
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:164 Resp: 184569
Ion Ratio Lower Upper
164 100
162 101.8 85.0 127.6
160 44.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 68.155 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

R-14

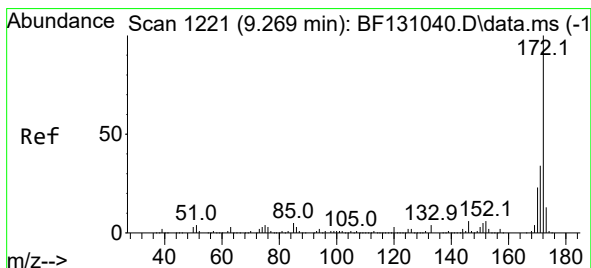
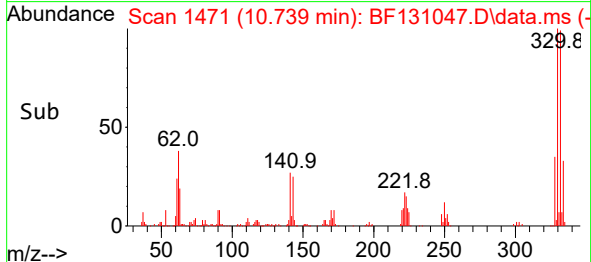
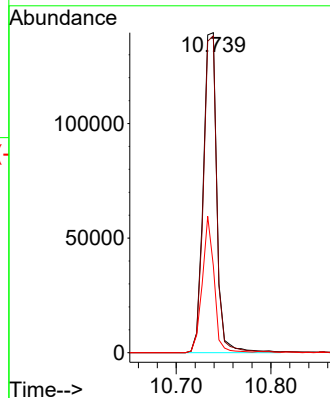
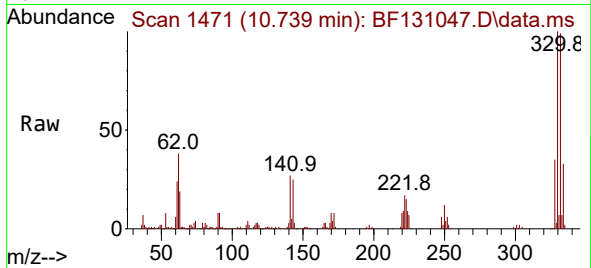
Tgt Ion:330 Resp: 138494

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 37.3 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 54.280 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

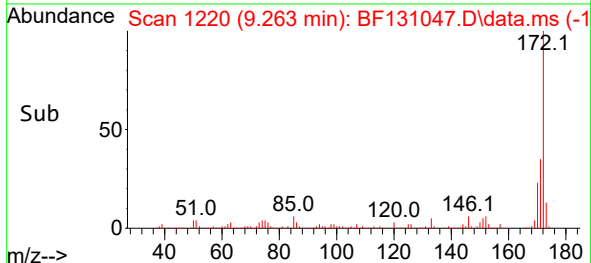
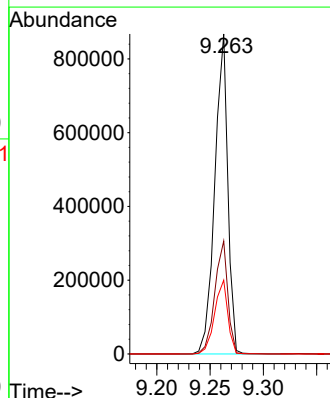
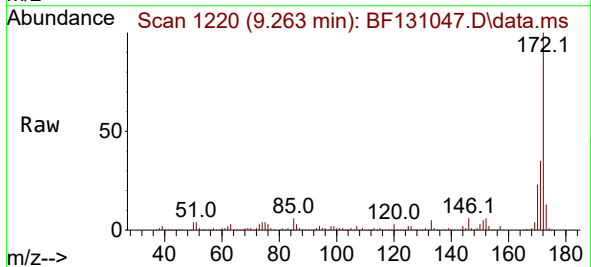
Tgt Ion:172 Resp: 735125

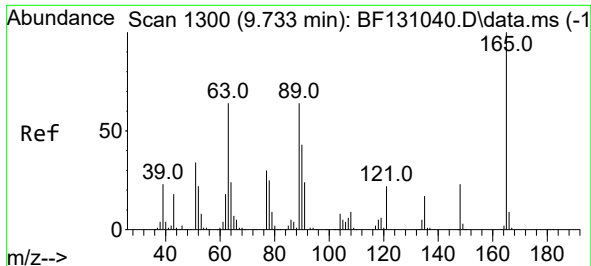
Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 23.0 18.4 27.6

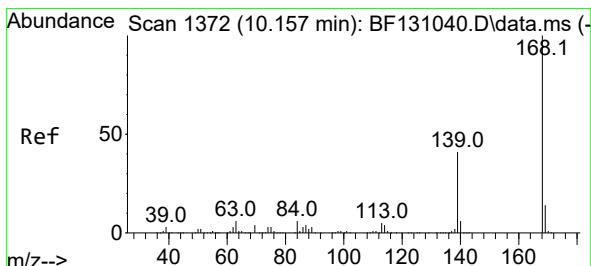
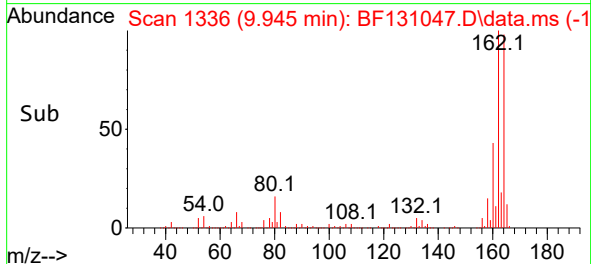
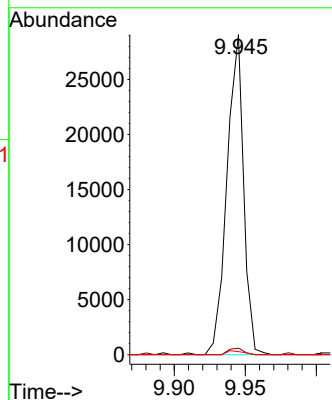
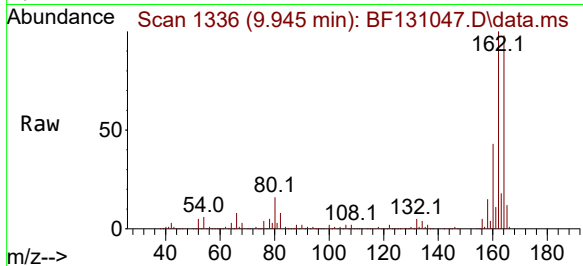




#51
2,6-Dinitrotoluene
Concen: 7.804 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

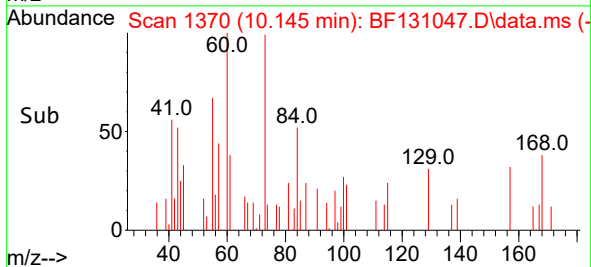
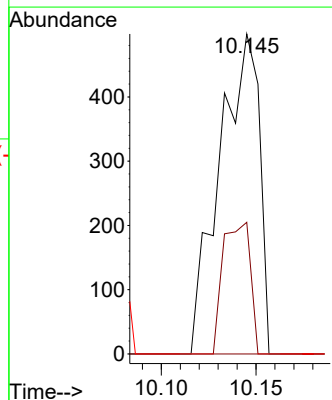
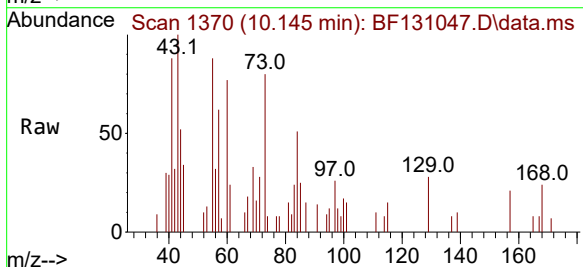
Instrument :
BNA_F
ClientSampleId :
R-14

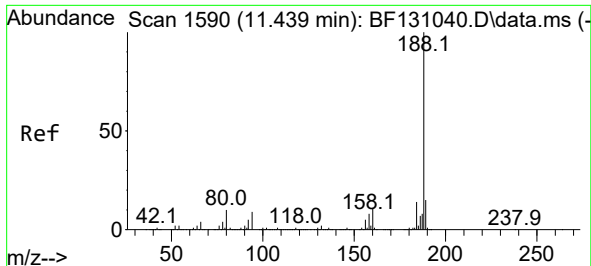
Tgt Ion:165 Resp: 23679
Ion Ratio Lower Upper
165 100
63 2.0 57.2 85.8#
89 1.0 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:168 Resp: 726
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.6
169 0.0 11.3 16.9#

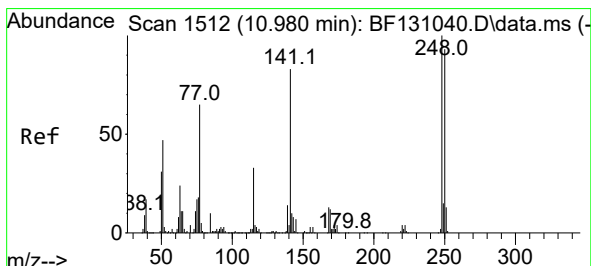
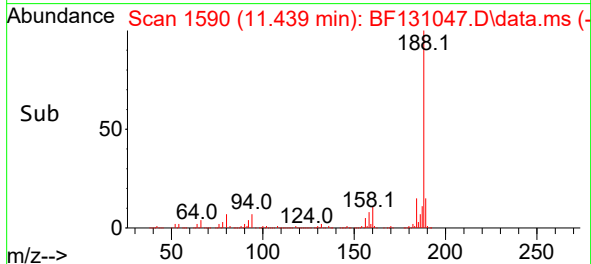
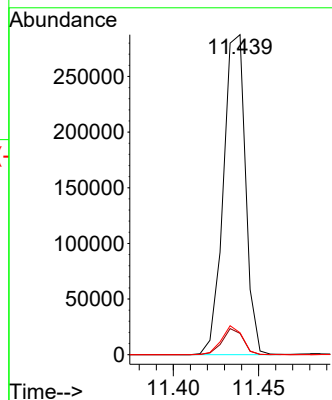
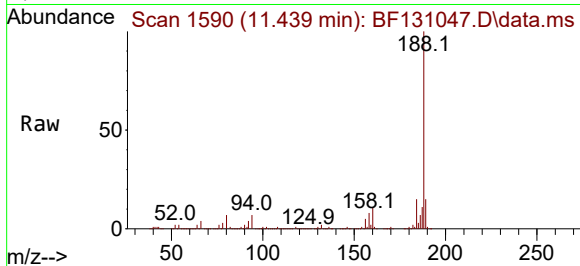




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

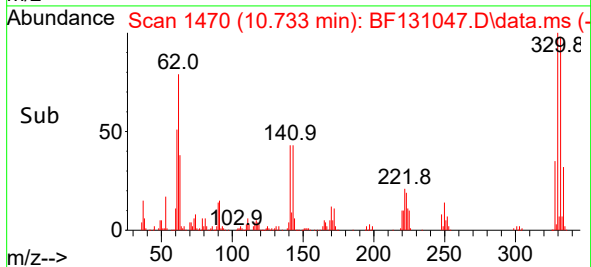
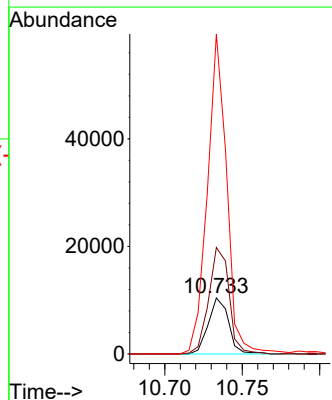
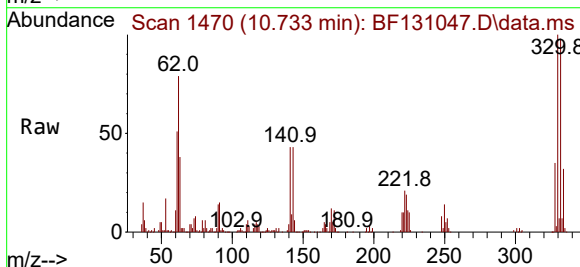
Instrument :
BNA_F
ClientSampleId :
R-14

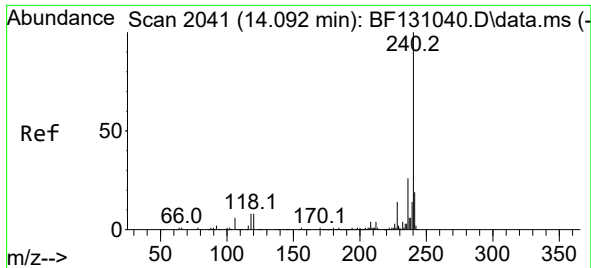
Tgt Ion:188 Resp: 259796
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 6.8 8.1 12.1#



#67
4-Bromophenyl-phenylether
Concen: 2.901 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:248 Resp: 9470
Ion Ratio Lower Upper
248 100
250 190.2 74.6 112.0#
141 571.9 66.2 99.2#

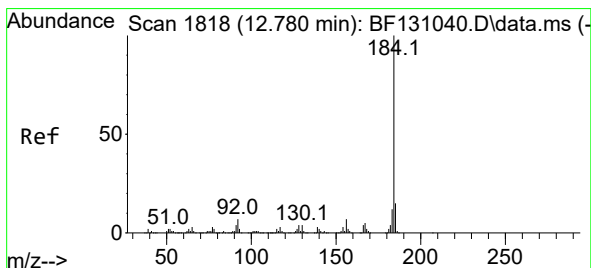
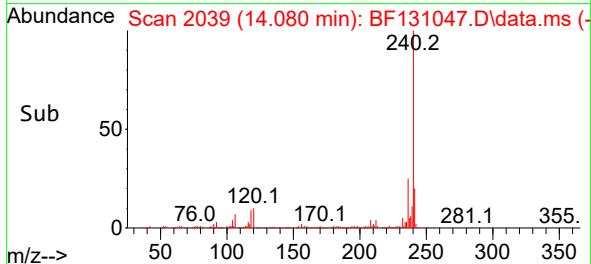
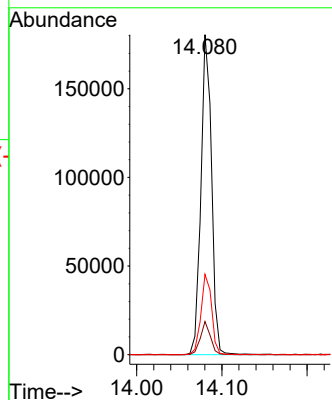
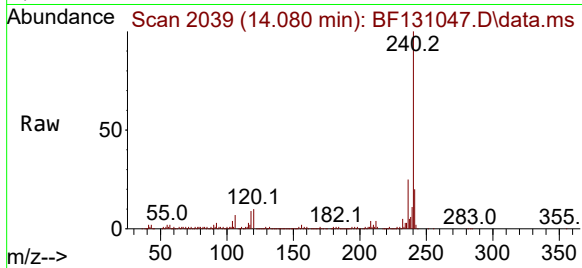




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

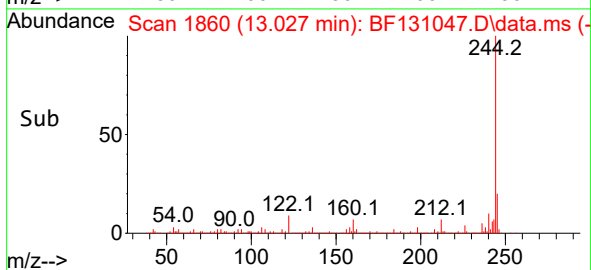
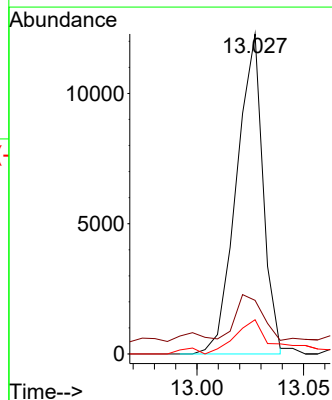
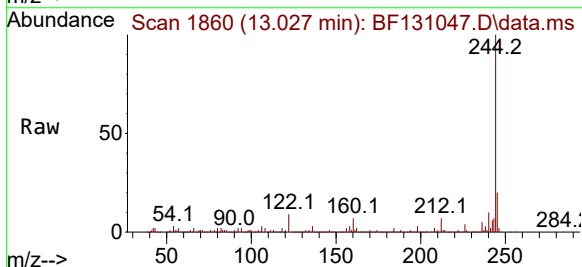
Instrument :
BNA_F
ClientSampleId :
R-14

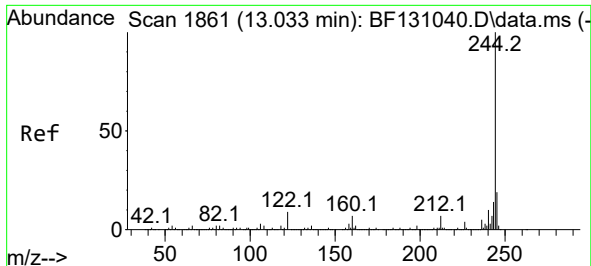
Tgt Ion:240 Resp: 156512
Ion Ratio Lower Upper
240 100
120 10.4 6.7 10.1#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.516 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:184 Resp: 10623
Ion Ratio Lower Upper
184 100
185 16.7 11.7 17.5
183 10.7 10.0 15.0

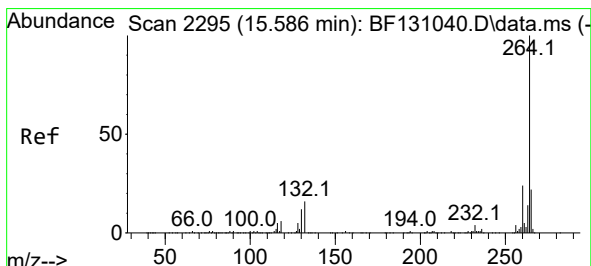
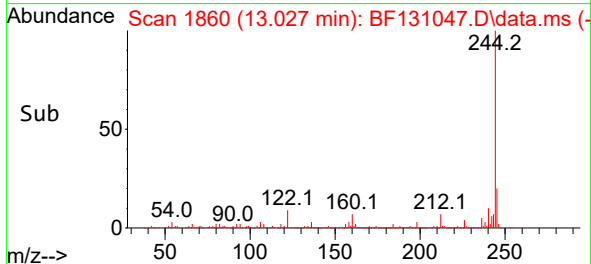
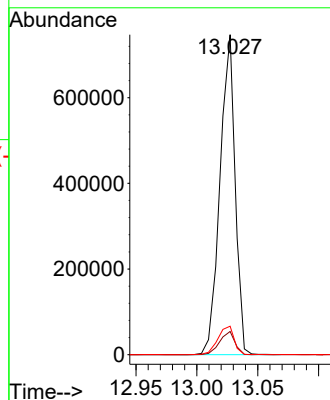
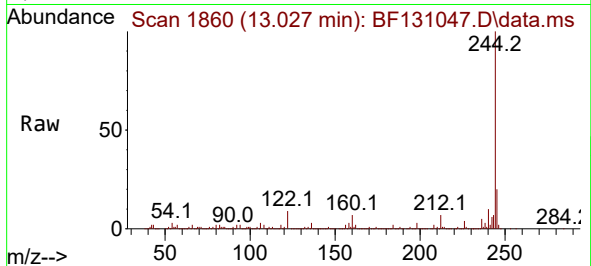




#79
 Terphenyl-d14
 Concen: 66.459 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

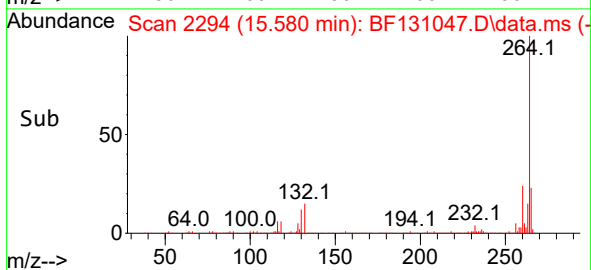
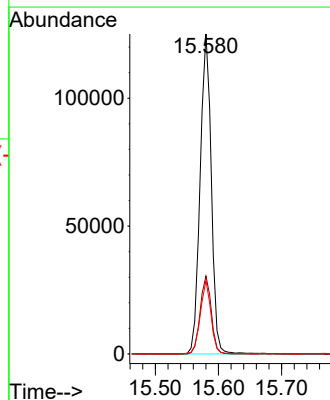
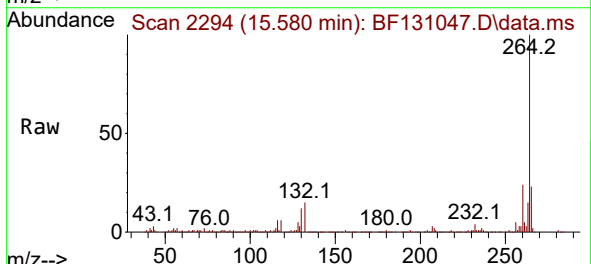
Instrument :
 BNA_F
 ClientSampleId :
 R-14

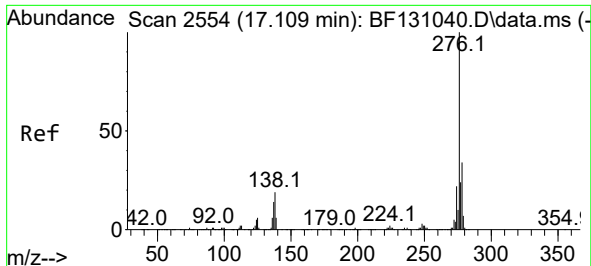
Tgt Ion:244 Resp: 648777
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

Tgt Ion:264 Resp: 153224
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.9 17.3 25.9

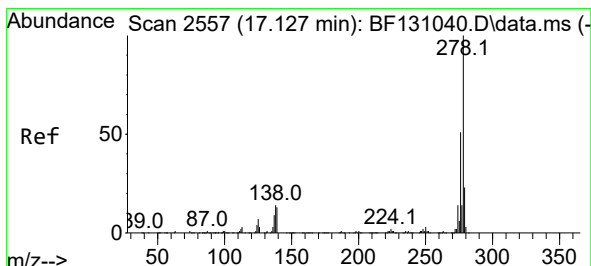
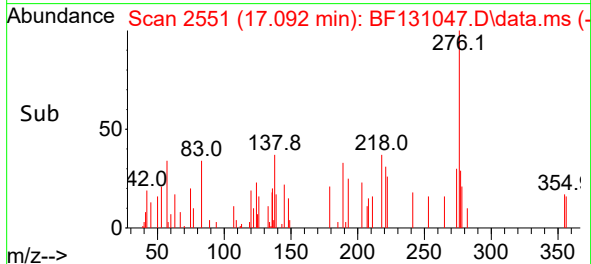
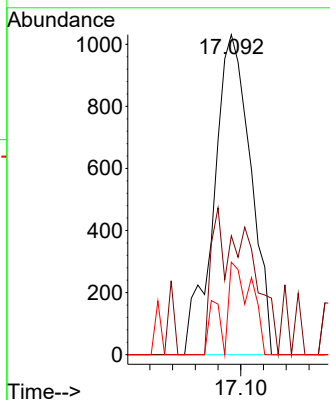
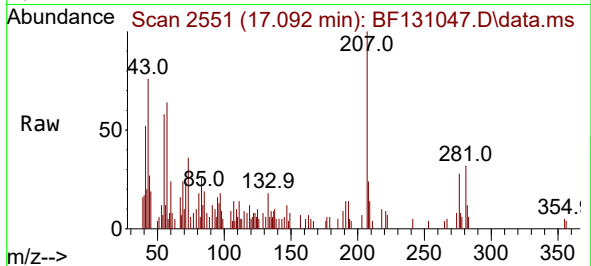




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.490 ng
 RT: 17.092 min Scan# 2554
 Delta R.T. -0.017 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

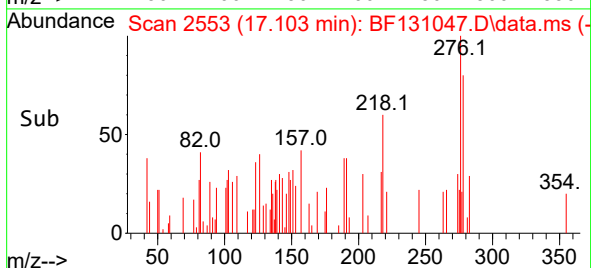
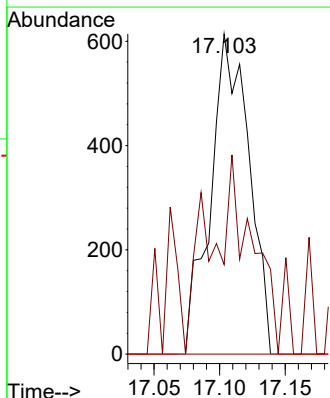
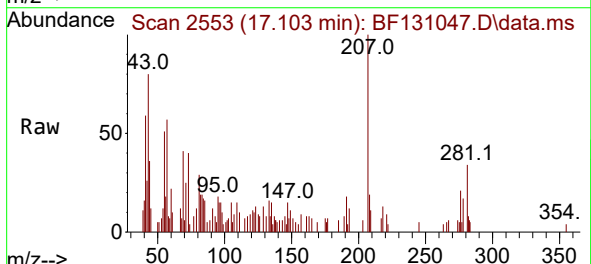
Instrument :
 BNA_F
 ClientSampleId :
 R-14

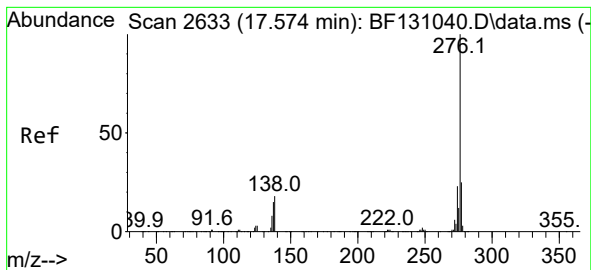
Tgt Ion:276 Resp: 2324
 Ion Ratio Lower Upper
 276 100
 138 16.3 17.3 25.9#
 277 22.5 20.2 30.4



#91
 Dibenzo(a,h)anthracene
 Concen: 3.417 ng
 RT: 17.103 min Scan# 2553
 Delta R.T. -0.024 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

Tgt Ion:278 Resp: 1255
 Ion Ratio Lower Upper
 278 100
 139 28.0 10.8 16.2#
 279 0.0 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.578 ng

RT: 17.551 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF131047.D

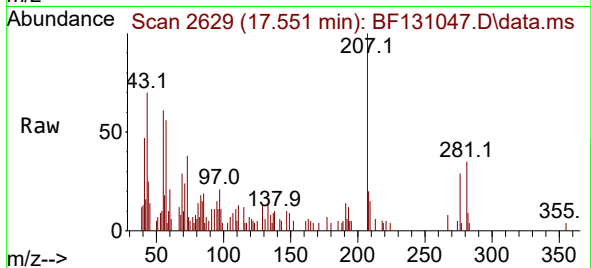
Acq: 07 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

R-14



Tgt Ion:276 Resp: 2152

Ion Ratio Lower Upper

276 100

277 15.1 20.0 30.0#

138 33.5 14.8 22.2#

