

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131102.D
 Acq On : 09 Nov 2022 23:06
 Operator : CG\JU
 Sample : N5441-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5486-6

Quant Time: Nov 10 04:34:23 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)

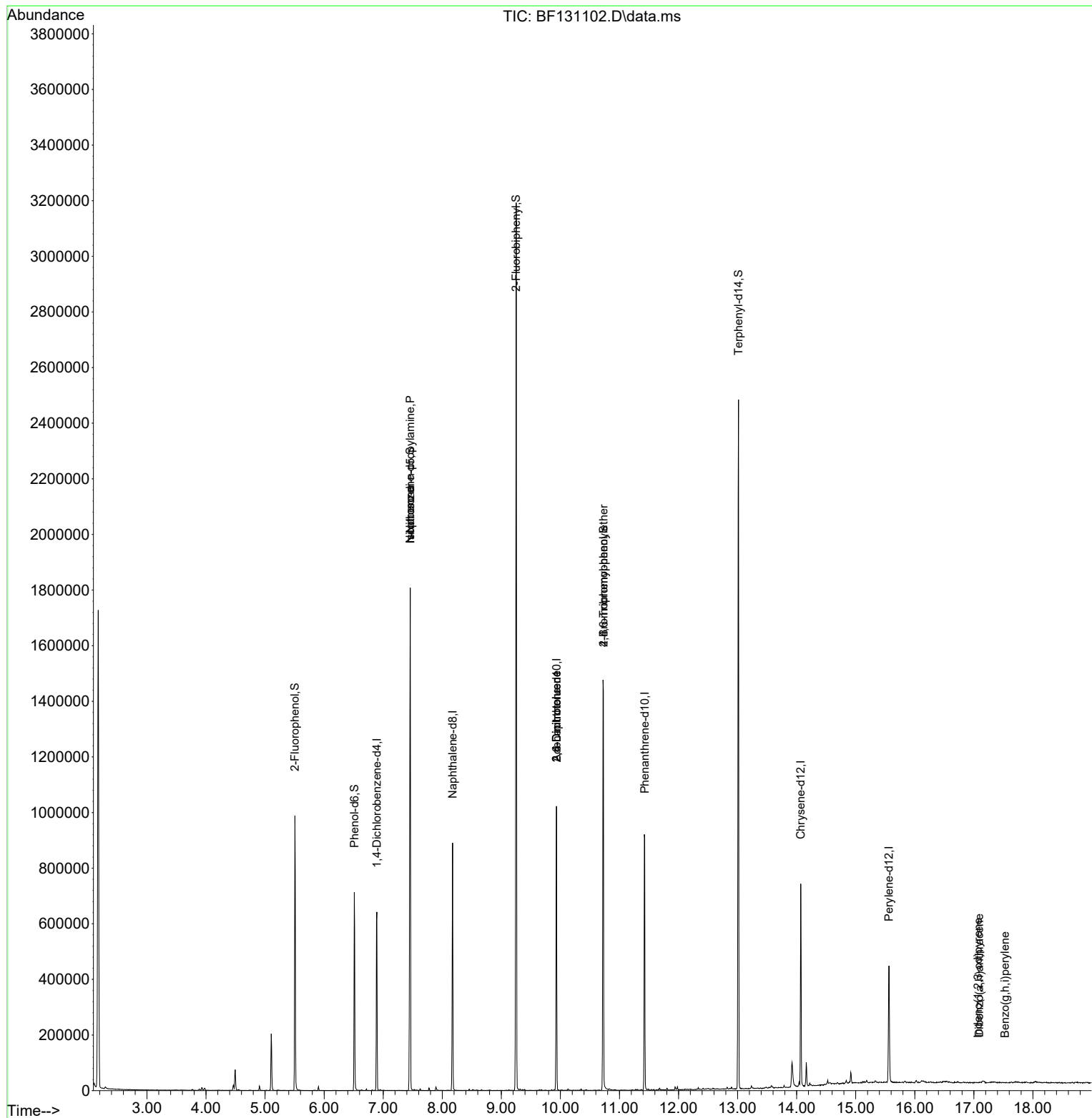
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	92592	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	357482	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	186452	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	343230	20.000	ng	0.00
76) Chrysene-d12	14.069	240	232583	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	182255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	236014	43.348	ng	0.00
7) Phenol-d6	6.510	99	207007	29.082	ng	-0.01
23) Nitrobenzene-d5	7.457	82	591642	74.673	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	180412	93.627	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	933108	69.862	ng	0.00
79) Terphenyl-d14	13.016	244	838106	63.180	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	81710	17.483	ng	# 74
25) Isophorone	7.457	82	591638	48.294	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	24148	8.285	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	24148	6.232	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	11425	2.944	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.068	276	369	3.888	ng	# 52
91) Dibenzo(a,h)anthracene	17.092	278	264	3.859	ng	# 57
92) Benzo(g,h,i)perylene	17.527	276	184	4.379	ng	# 55

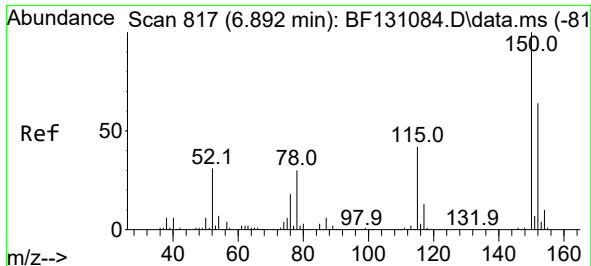
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131102.D
Acq On : 09 Nov 2022 23:06
Operator : CG\JU
Sample : N5441-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5486-6

Quant Time: Nov 10 04:34:23 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

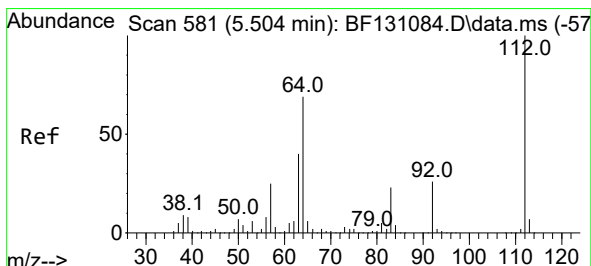
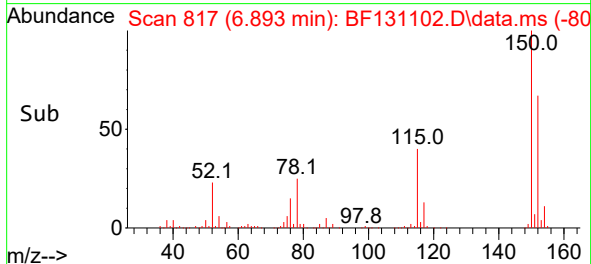
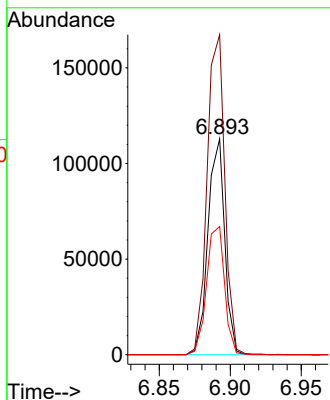
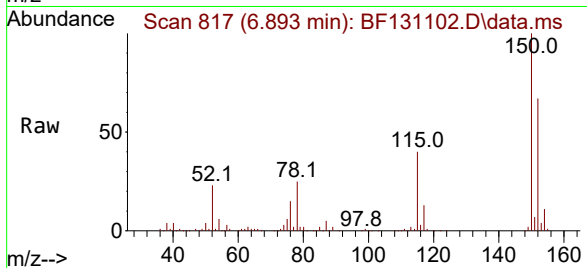




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

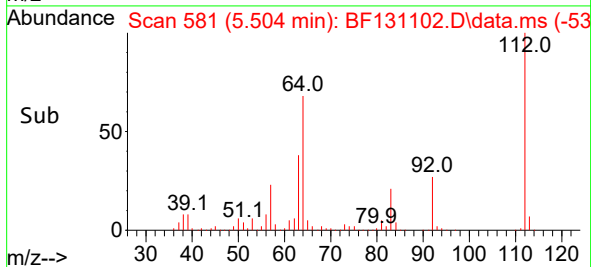
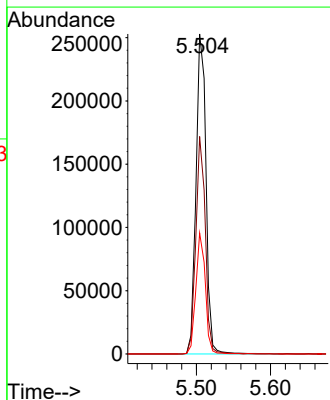
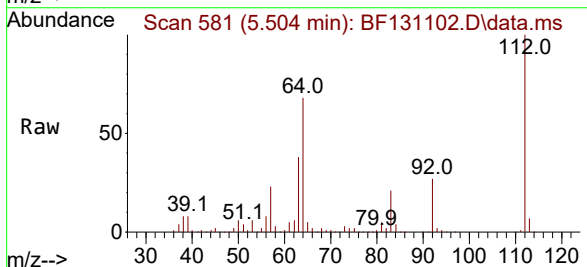
Instrument :
BNA_F
ClientSampleId :
5486-6

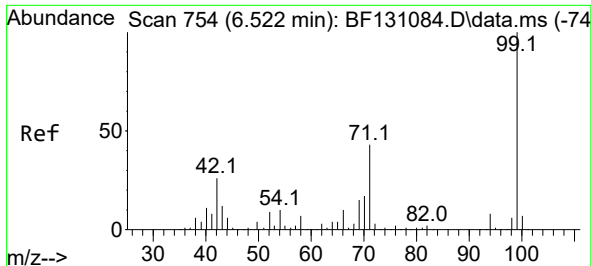
Tgt Ion:152 Resp: 92592
Ion Ratio Lower Upper
152 100
150 148.2 125.5 188.3
115 59.4 52.2 78.2



#5
2-Fluorophenol
Concen: 43.348 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion:112 Resp: 236014
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 37.8 32.4 48.6

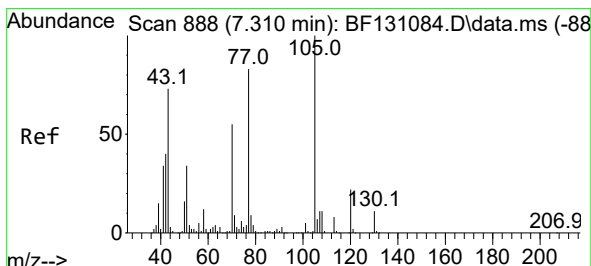
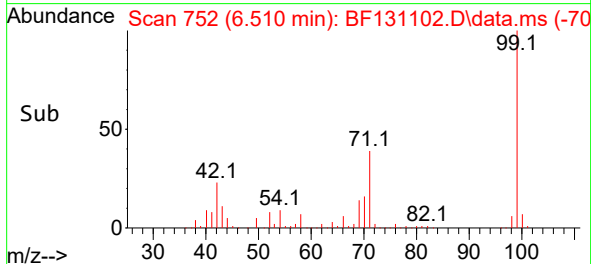
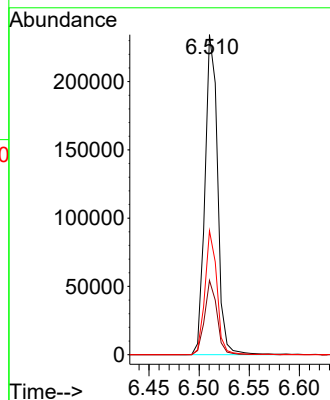
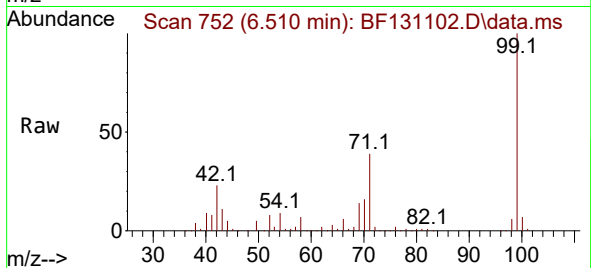




#7
Phenol-d6
Concen: 29.082 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

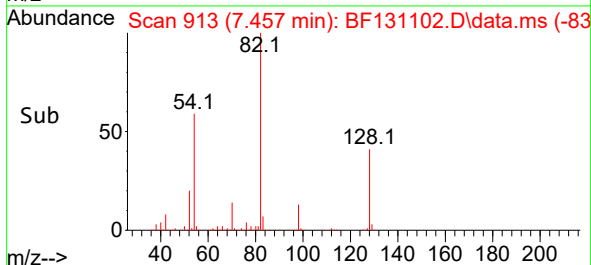
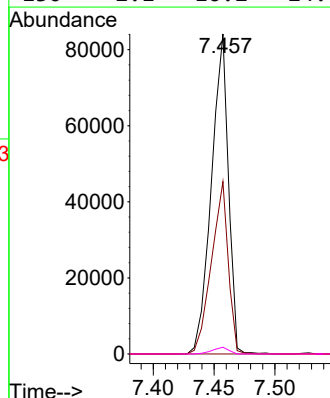
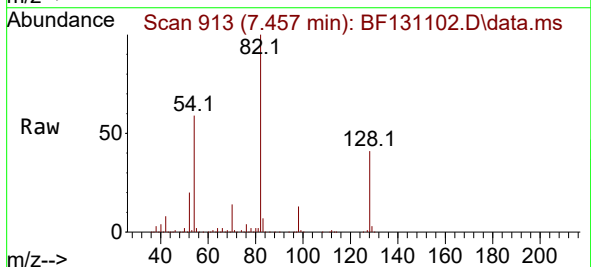
Instrument :
BNA_F
ClientSampleId :
5486-6

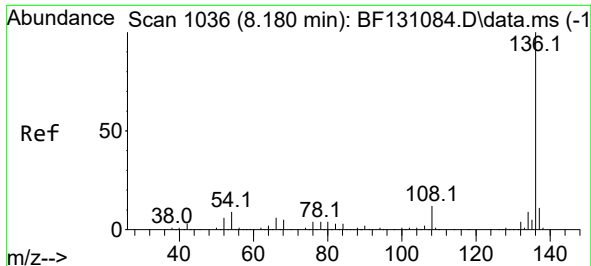
Tgt Ion: 99 Resp: 207007
Ion Ratio Lower Upper
99 100
42 23.2 20.8 31.2
71 38.7 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.483 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion: 70 Resp: 81710
Ion Ratio Lower Upper
70 100
42 53.8 58.3 87.5#
101 0.0 7.4 11.2#
130 2.1 16.2 24.4#

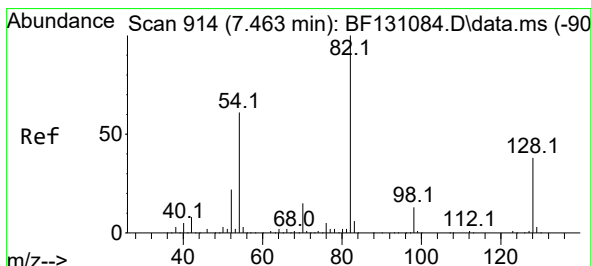
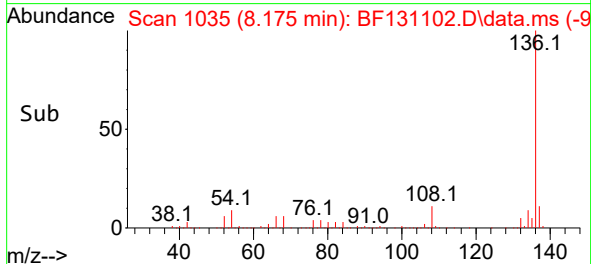
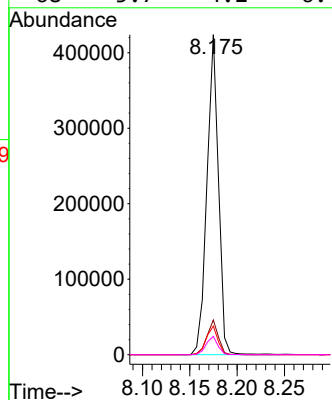
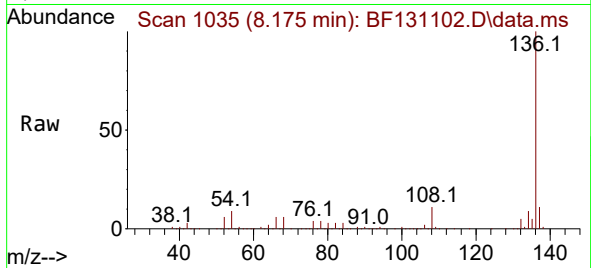




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

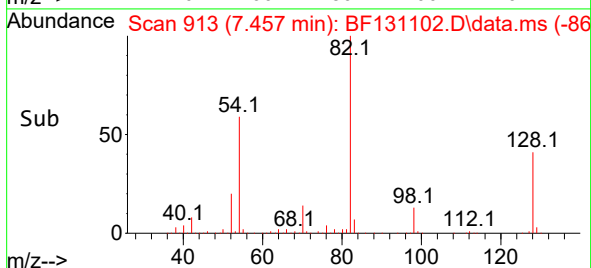
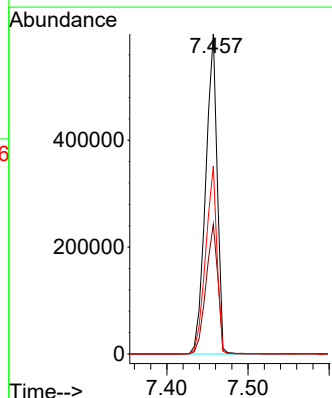
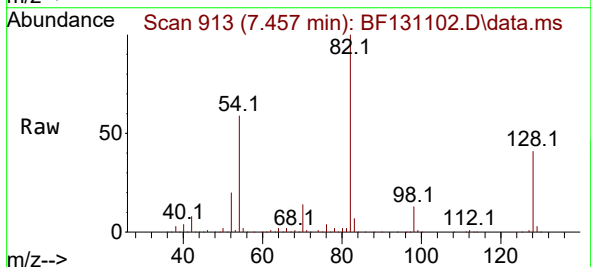
Instrument :
BNA_F
ClientSampleId :
5486-6

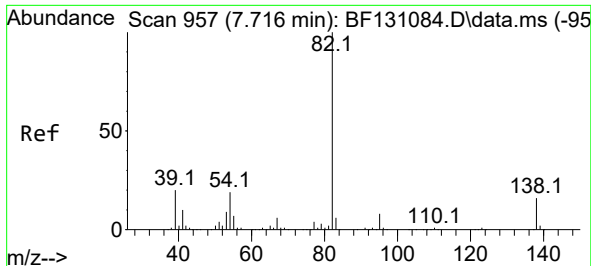
Tgt Ion:136 Resp: 357482
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 7.2 10.8
68 5.7 4.2 6.4



#23
Nitrobenzene-d5
Concen: 74.673 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion: 82 Resp: 591642
Ion Ratio Lower Upper
82 100
128 40.6 30.5 45.7
54 58.7 49.1 73.7

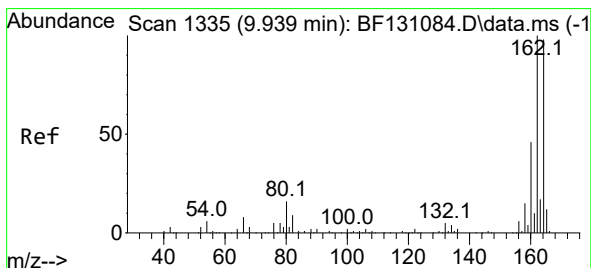
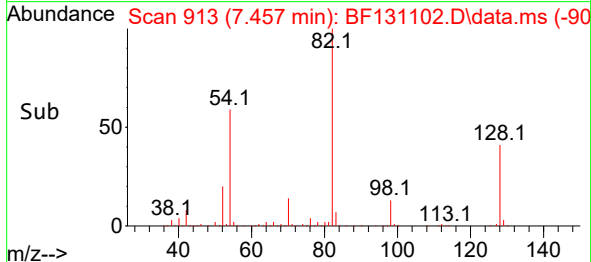
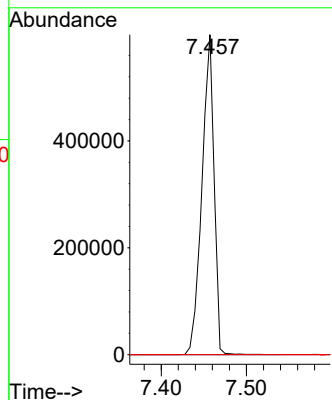
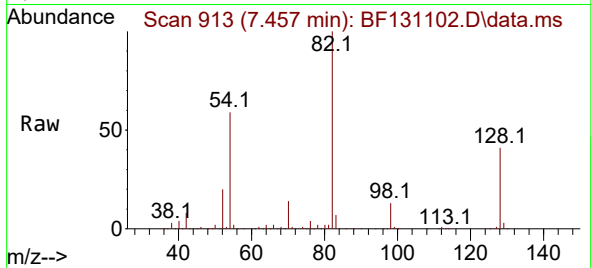




#25
Isophorone
Concen: 48.294 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

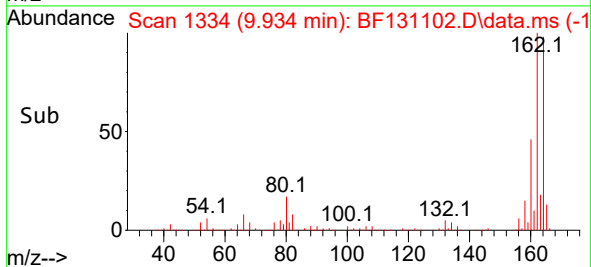
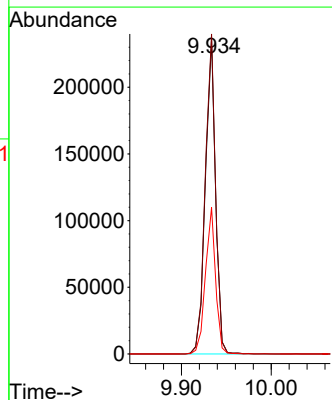
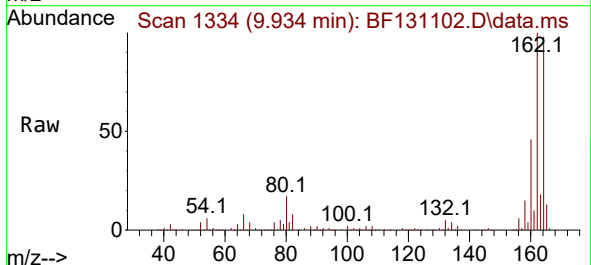
Instrument :
BNA_F
ClientSampleId :
5486-6

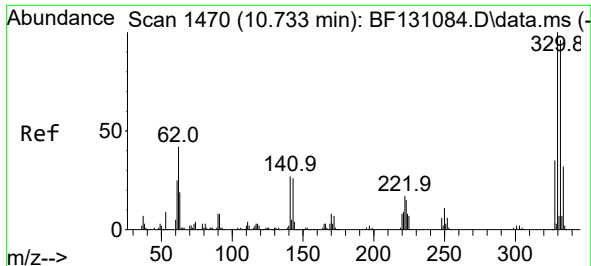
Tgt Ion: 82 Resp: 591638
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion:164 Resp: 186452
Ion Ratio Lower Upper
164 100
162 101.6 81.7 122.5
160 46.5 37.4 56.2

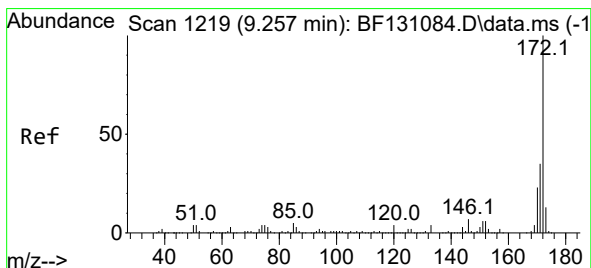
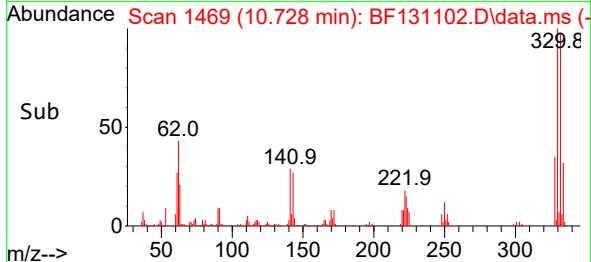
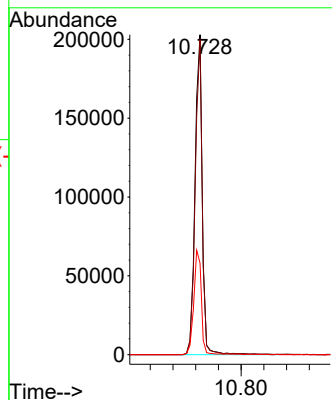
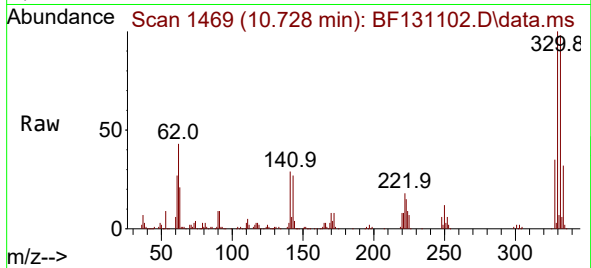




#42
2,4,6-Tribromophenol
Concen: 93.627 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

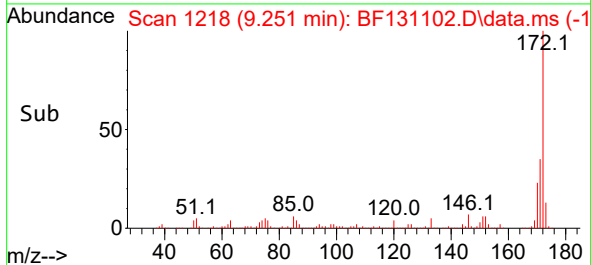
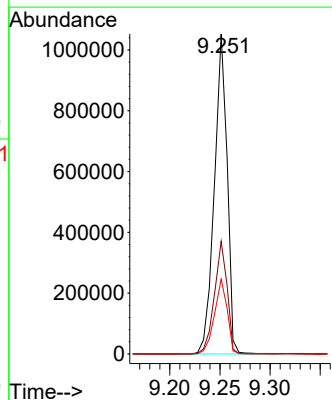
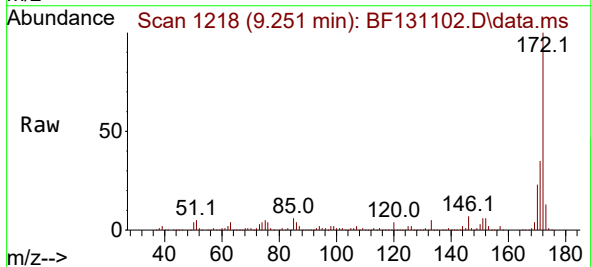
Instrument :
BNA_F
ClientSampleId :
5486-6

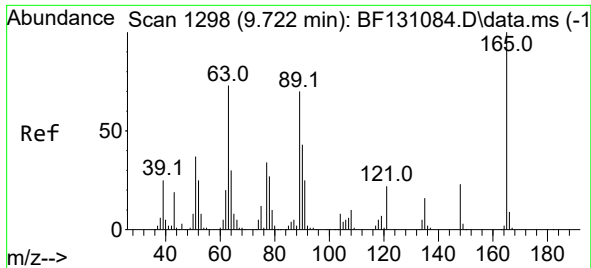
Tgt Ion:330 Resp: 180412
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 34.1 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 69.862 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion:172 Resp: 933108
Ion Ratio Lower Upper
172 100
171 35.2 27.7 41.5
170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.285 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131102.D

Acq: 09 Nov 2022 23:06

Instrument :

BNA_F

ClientSampleId :

5486-6

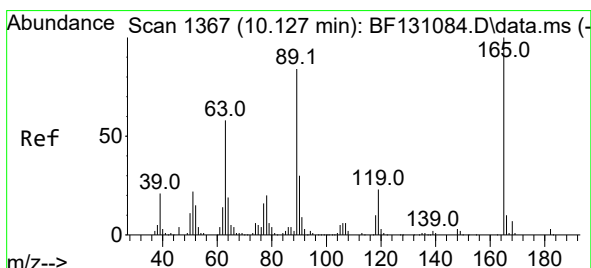
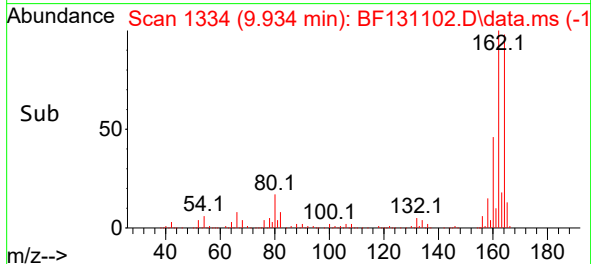
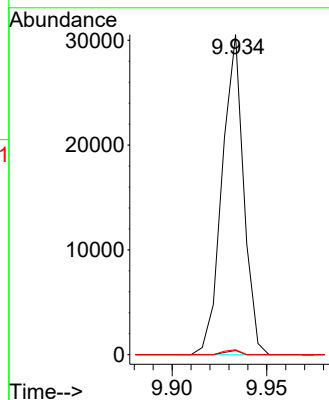
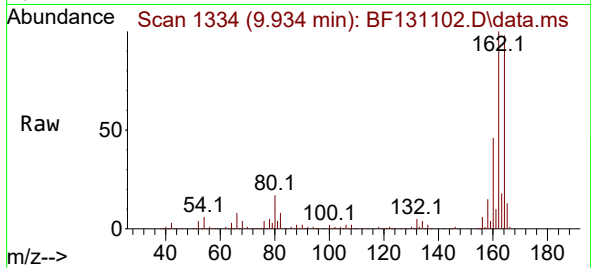
Tgt Ion:165 Resp: 24148

Ion Ratio Lower Upper

165 100

63 1.3 61.4 92.2#

89 1.5 56.0 84.0#



#57

2,4-Dinitrotoluene

Concen: 6.232 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131102.D

Acq: 09 Nov 2022 23:06

Tgt Ion:165 Resp: 24148

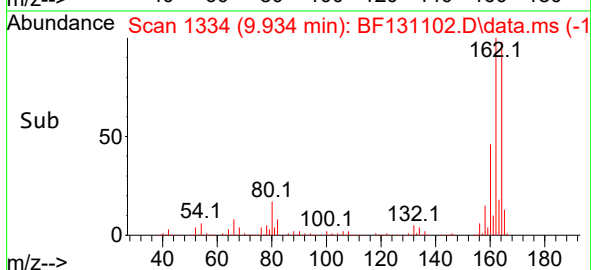
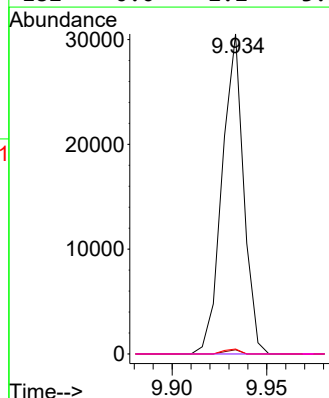
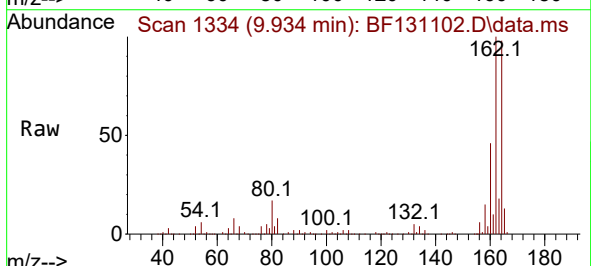
Ion Ratio Lower Upper

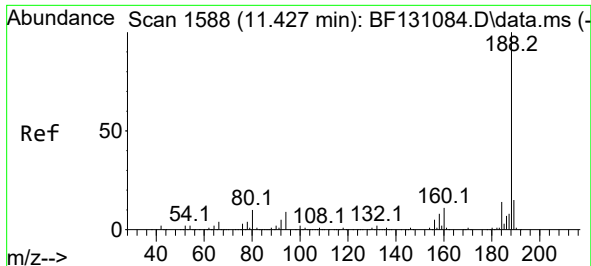
165 100

63 1.3 46.9 70.3#

89 1.5 66.9 100.3#

182 0.0 2.2 3.2#

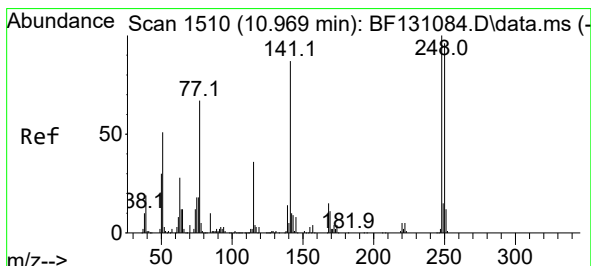
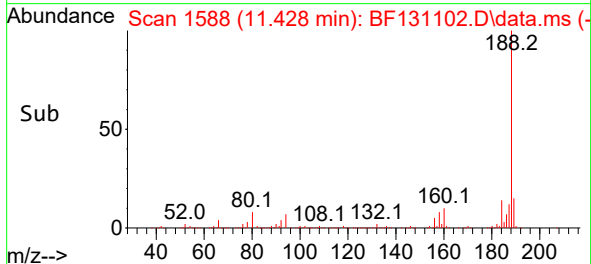
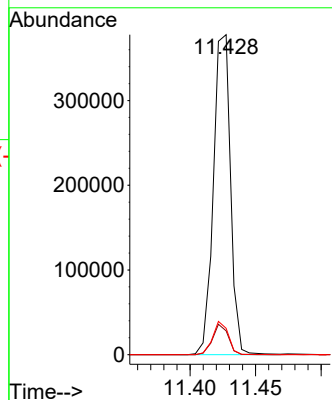
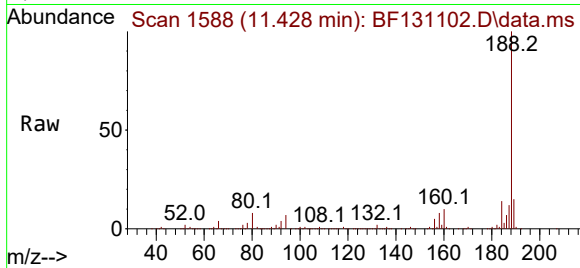




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

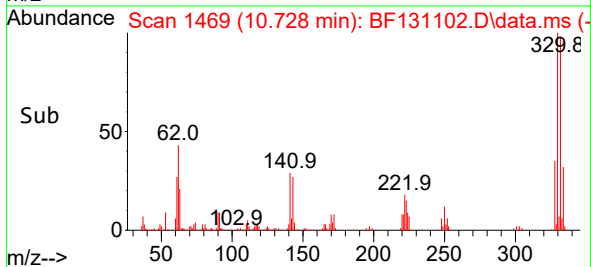
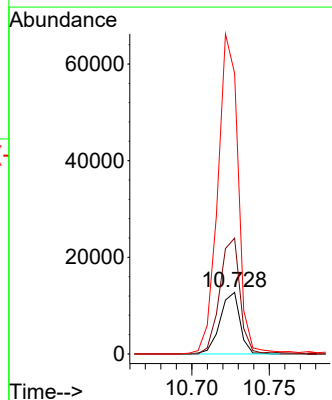
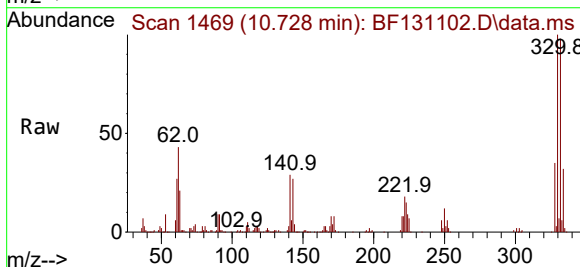
Instrument :
BNA_F
ClientSampleId :
5486-6

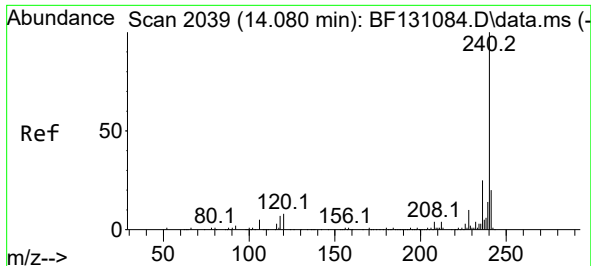
Tgt Ion:188 Resp: 343230
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.944 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion:248 Resp: 11425
Ion Ratio Lower Upper
248 100
250 188.0 77.0 115.6#
141 455.1 69.7 104.5#

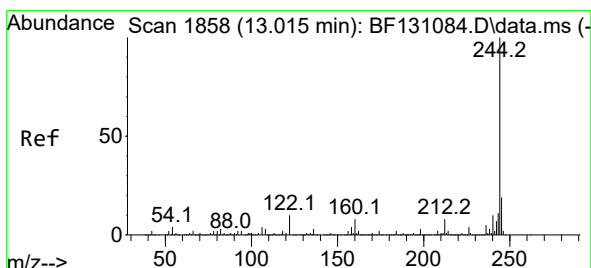
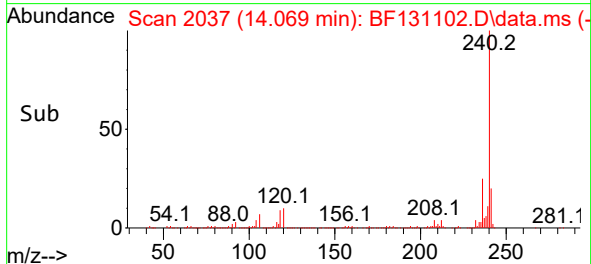
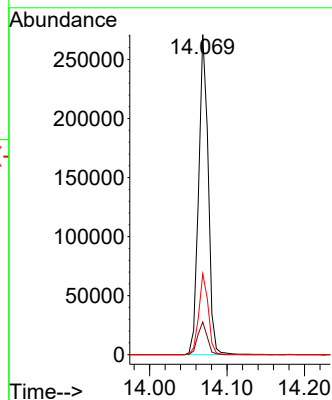
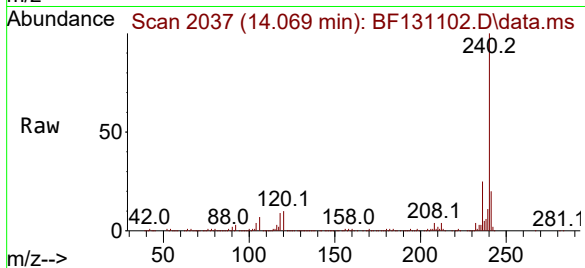




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

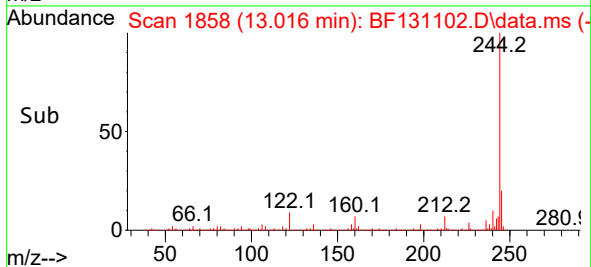
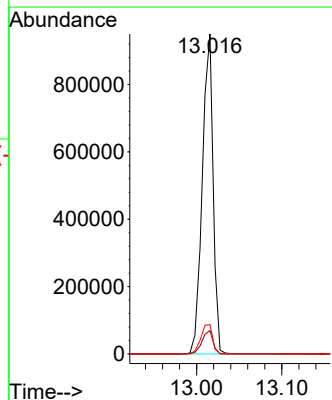
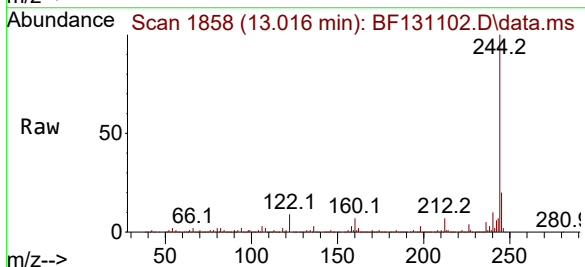
Instrument :
BNA_F
ClientSampleId :
5486-6

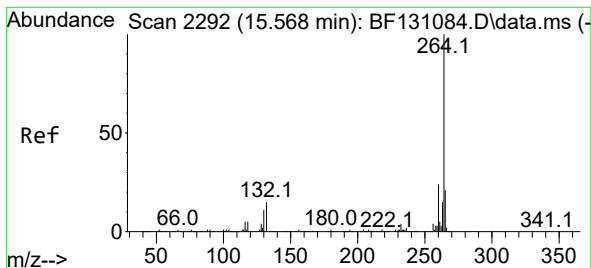
Tgt Ion:240 Resp: 232583
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 25.3 19.7 29.5



#79
Terphenyl-d14
Concen: 63.180 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion:244 Resp: 838106
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 9.2 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131102.D

Acq: 09 Nov 2022 23:06

Instrument :

BNA_F

ClientSampleId :

5486-6

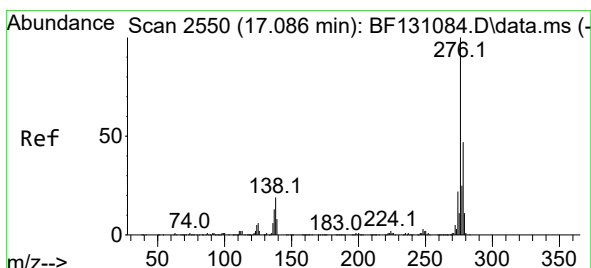
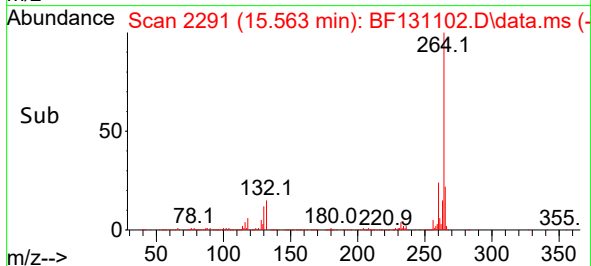
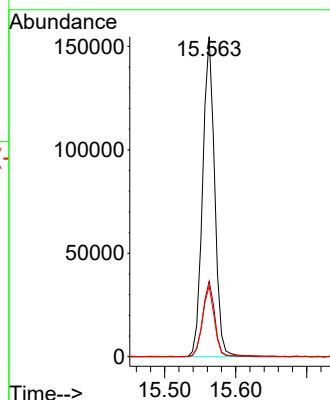
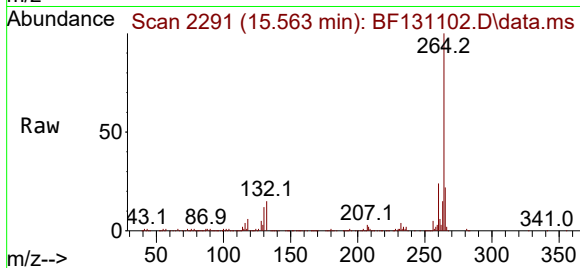
Tgt Ion:264 Resp: 182255

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.0 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.888 ng

RT: 17.068 min Scan# 2547

Delta R.T. -0.018 min

Lab File: BF131102.D

Acq: 09 Nov 2022 23:06

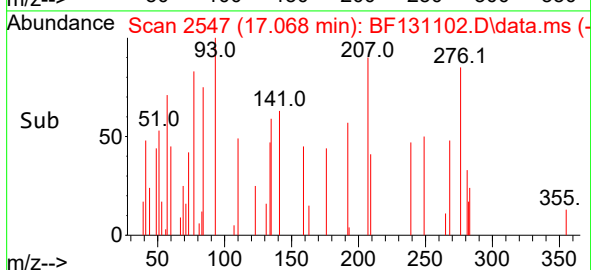
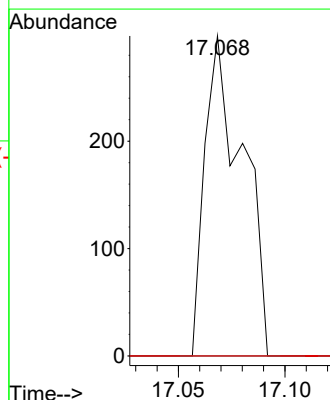
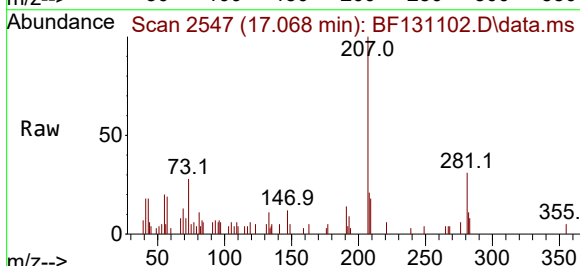
Tgt Ion:276 Resp: 369

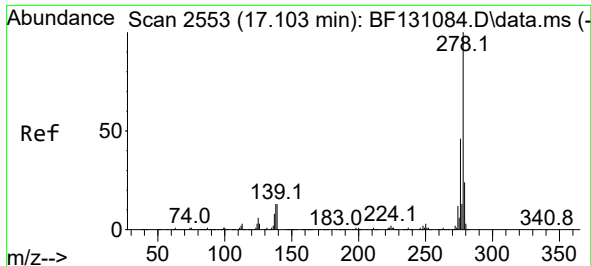
Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 0.0 20.3 30.5#

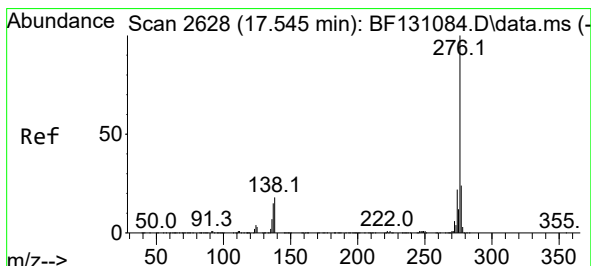
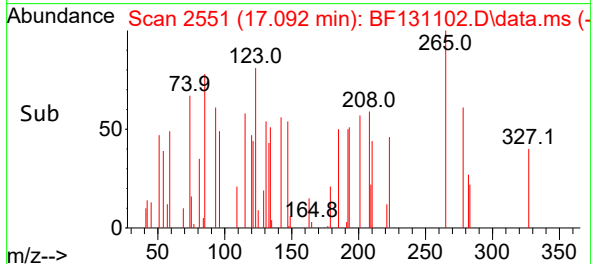
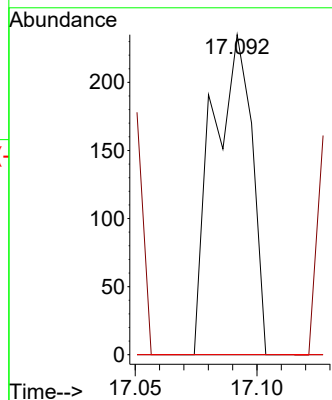
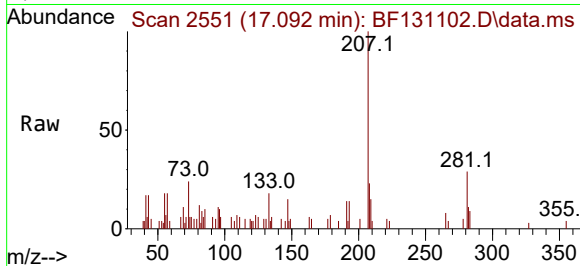




#91
Dibenzo(a,h)anthracene
Concen: 3.859 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Instrument :
BNA_F
ClientSampleId :
5486-6

Tgt Ion:278 Resp: 264
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 0.0 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.379 ng
RT: 17.527 min Scan# 2625
Delta R.T. -0.018 min
Lab File: BF131102.D
Acq: 09 Nov 2022 23:06

Tgt Ion:276 Resp: 184
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 14.6 21.8#

