

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133540.D
 Acq On : 31 May 2023 15:41
 Operator : CG\JU
 Sample : 02971-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Quant Time: May 31 16:20:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

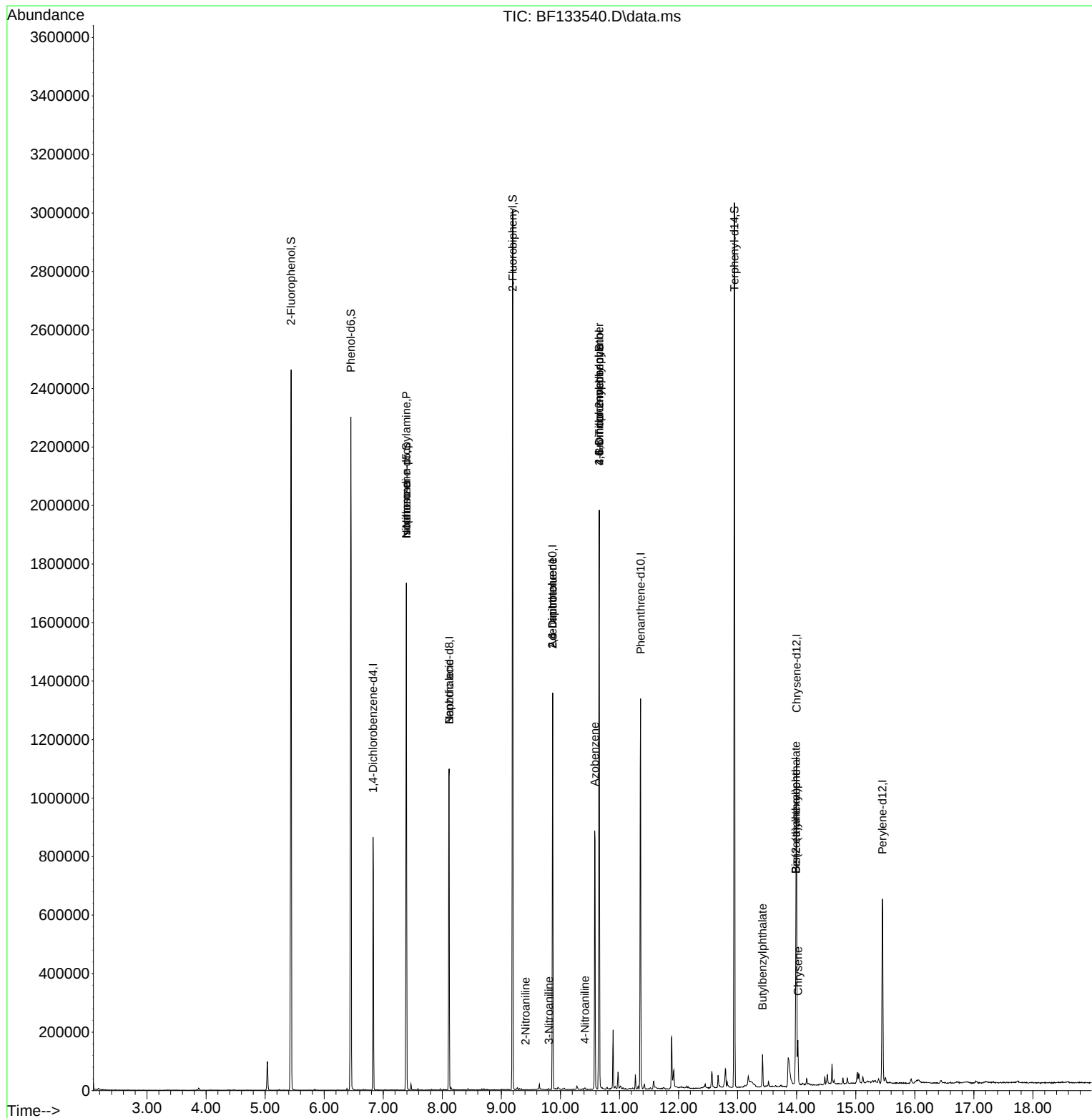
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	120801	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	471039	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	234569	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	467023	20.000	ng	0.00
76) Chrysene-d12	13.998	240	345766	20.000	ng	0.00
86) Perylene-d12	15.451	264	281762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	628404	86.793	ng	0.00
7) Phenol-d6	6.451	99	769068	86.288	ng	-0.01
23) Nitrobenzene-d5	7.392	82	471420	66.823	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	222893	95.326	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	857544	56.425	ng	0.00
79) Terphenyl-d14	12.945	244	1006203	51.741	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	1200	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	63754	11.056	ng	# 77
25) Isophorone	7.392	82	470174	28.596	ng	# 65
32) Benzoic acid	8.116	122	172	7.381	ng	# 1
48) 2-Nitroaniline	9.410	65	145	4.021	ng	# 85
51) 2,6-Dinitrotoluene	9.869	165	30003	12.520	ng	# 18
53) 3-Nitroaniline	9.804	138	53	3.192	ng	# 96
57) 2,4-Dinitrotoluene	9.869	165	30003	11.695	ng	# 15
62) 4-Nitroaniline	10.416	138	803	3.175	ng	# 76
63) Azobenzene	10.580	77	156999	9.164	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.657	198	456	8.907	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	14342	2.892	ng	# 1
80) Butylbenzylphthalate	13.421	149	26072	2.240	ng	99
81) Benzo(a)anthracene	13.986	228	57923	2.515	ng	99
83) Chrysene	14.021	228	54194	2.331	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	45467	3.125	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
Data File : BF133540.D
Acq On : 31 May 2023 15:41
Operator : CG\JU
Sample : 02971-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15

Quant Time: May 31 16:20:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

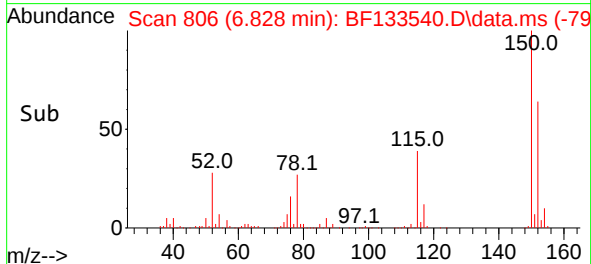
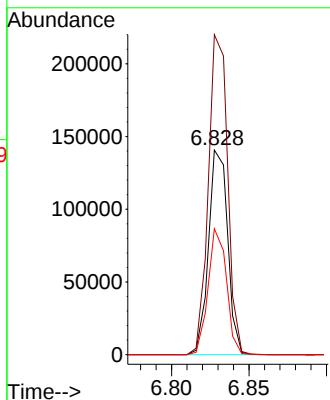
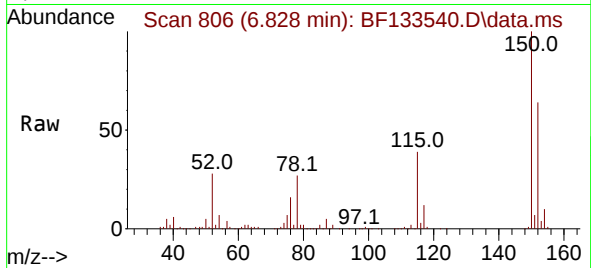




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

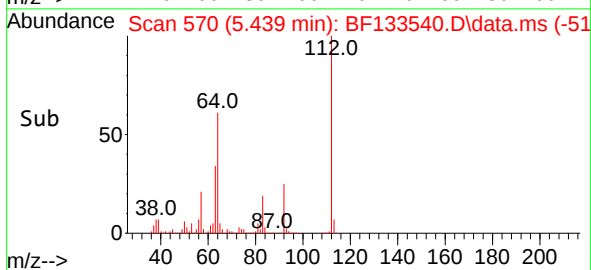
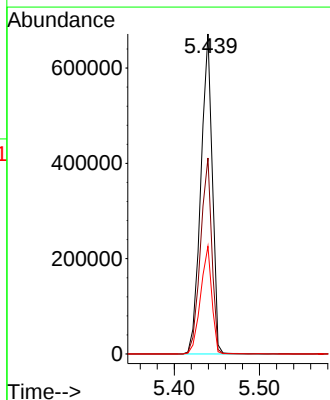
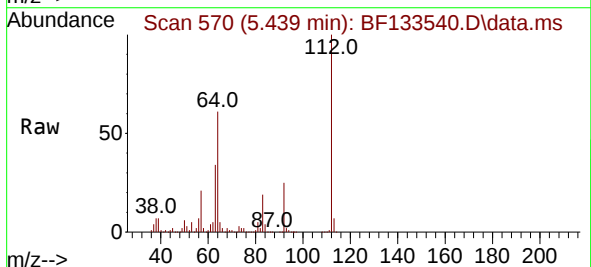
Instrument :
BNA_F
ClientSampleId :
SB15

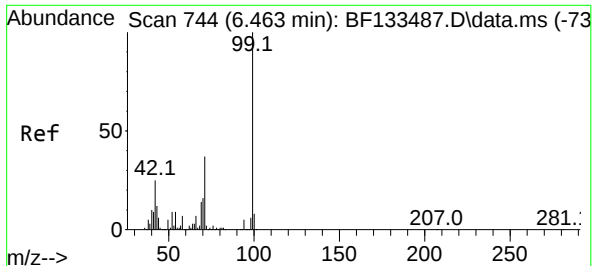
Tgt Ion:152 Resp: 120801
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 86.793 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:112 Resp: 628404
Ion Ratio Lower Upper
112 100
64 61.3 50.1 75.1
63 33.6 27.5 41.3

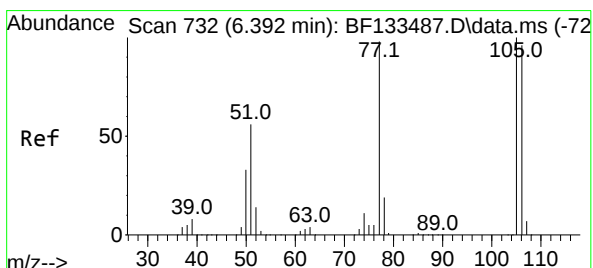
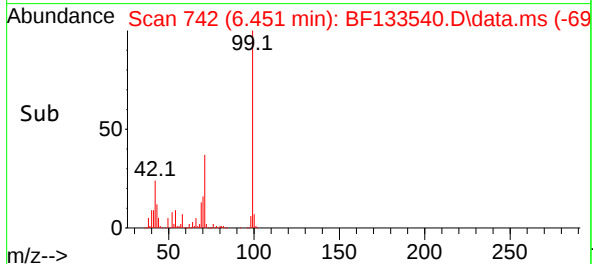
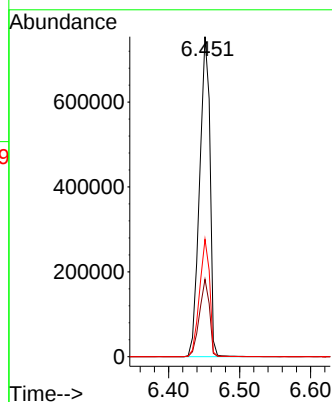
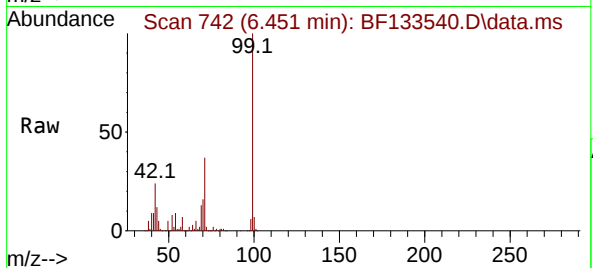




#7
Phenol-d6
Concen: 86.288 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

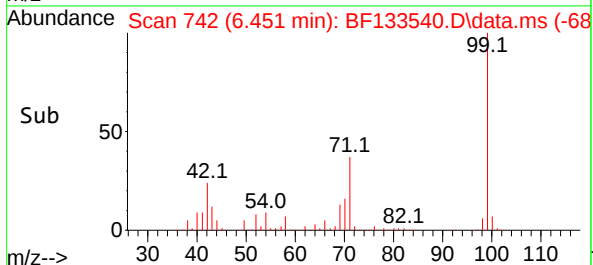
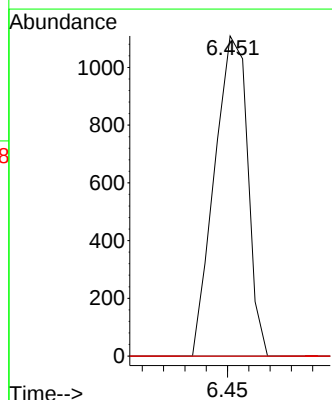
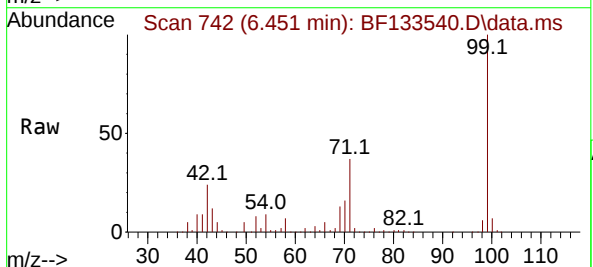
Instrument :
BNA_F
ClientSampleId :
SB15

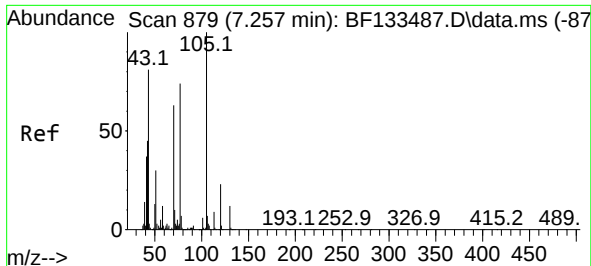
Tgt Ion: 99 Resp: 769068
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 36.7 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 742
Delta R.T. 0.064 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 77 Resp: 1200
Ion Ratio Lower Upper
77 100
105 0.0 81.9 121.9#
106 0.0 77.8 117.8#

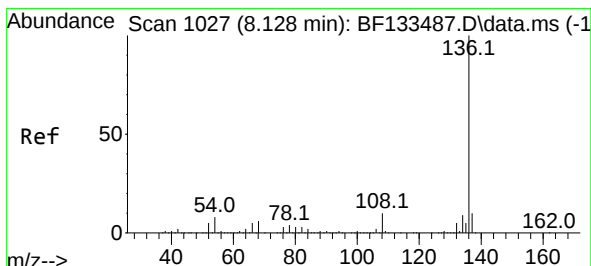
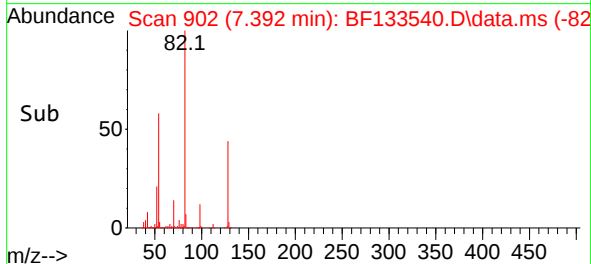
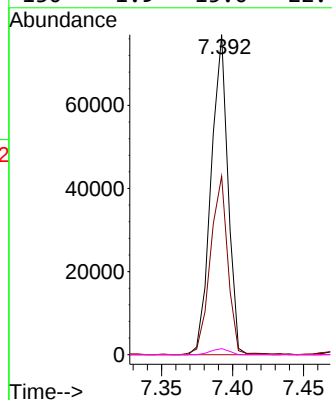
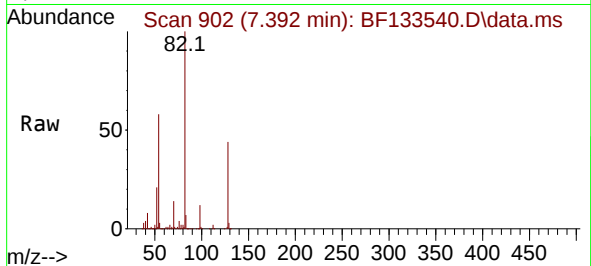




#19
n-Nitroso-di-n-propylamine
Concen: 11.056 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

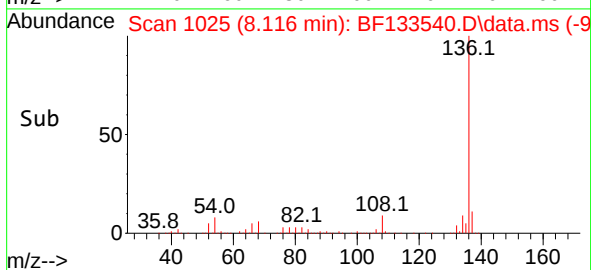
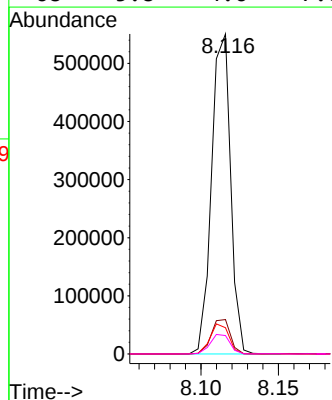
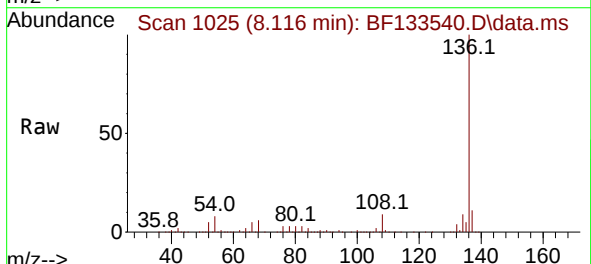
Instrument :
BNA_F
ClientSampleId :
SB15

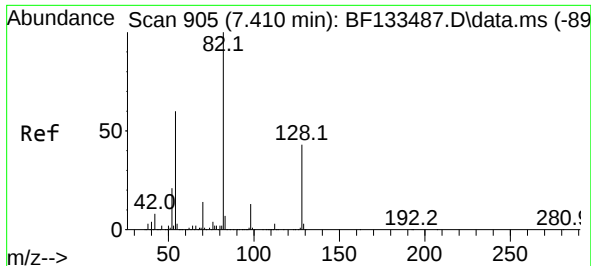
Tgt Ion: 70	Resp: 63754
Ion Ratio	Lower Upper
70 100	
42 55.8	57.2 85.8#
101 0.0	7.3 10.9#
130 1.9	15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 136	Resp: 471039
Ion Ratio	Lower Upper
136 100	
137 10.8	8.2 12.4
54 8.2	6.6 10.0
68 5.8	4.6 7.0

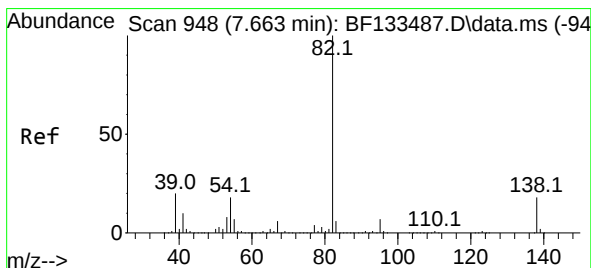
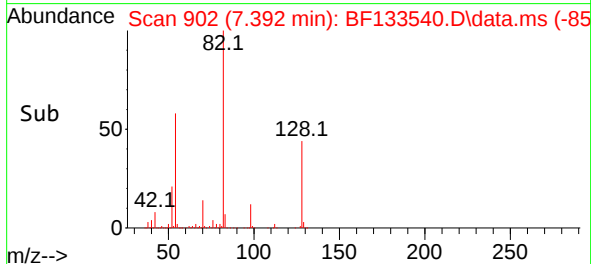
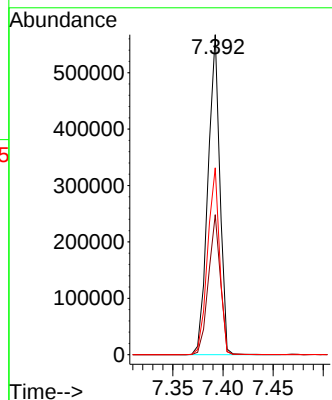
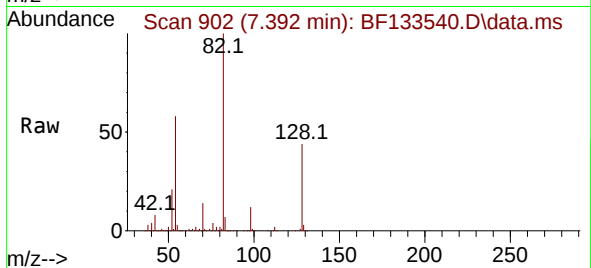




#23
Nitrobenzene-d5
Concen: 66.823 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

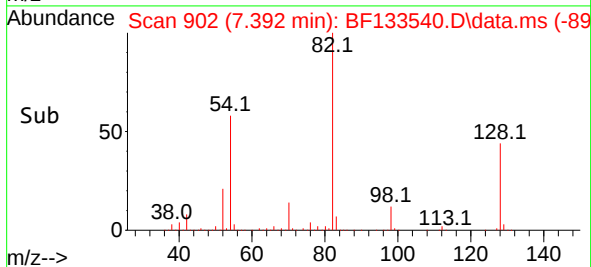
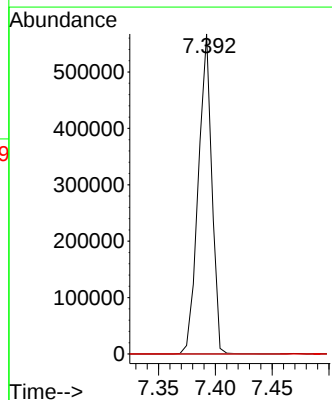
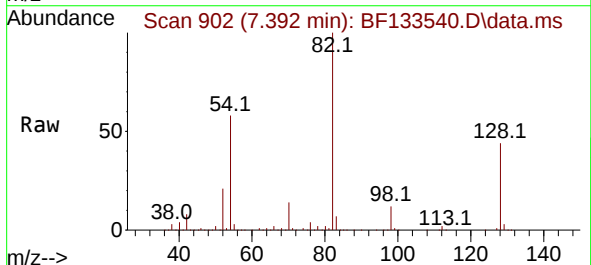
Instrument :
BNA_F
ClientSampleId :
SB15

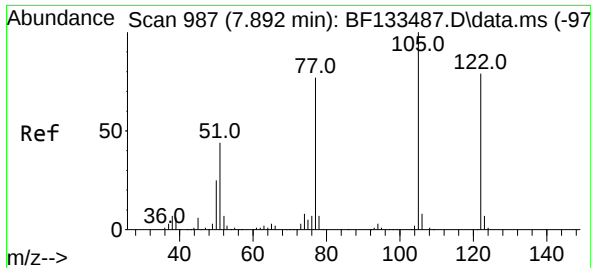
Tgt Ion: 82 Resp: 471420
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 58.4 48.2 72.4



#25
Isophorone
Concen: 28.596 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 82 Resp: 470174
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.4#

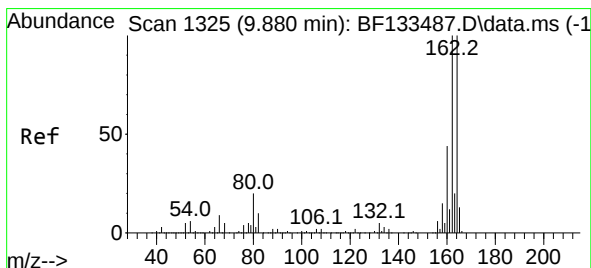
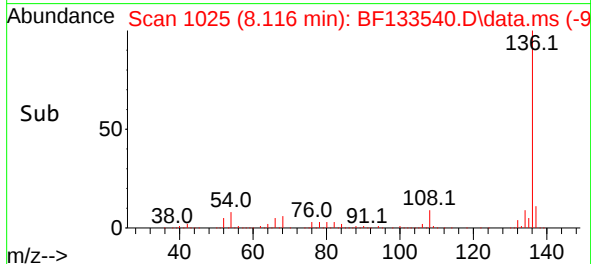
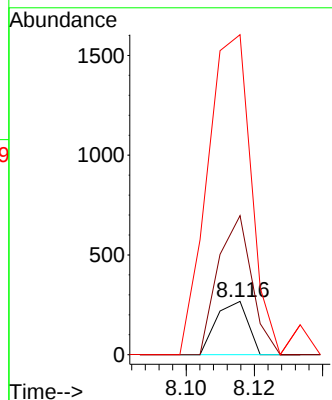
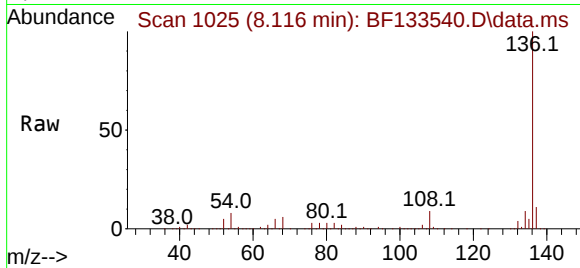




#32
Benzoic acid
Concen: 7.381 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.235 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

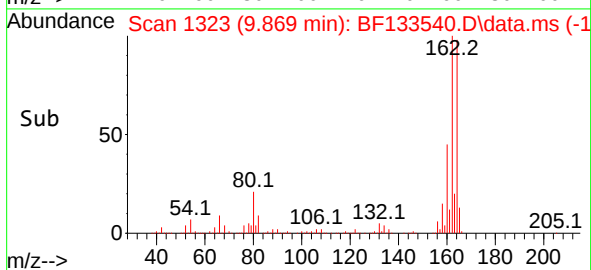
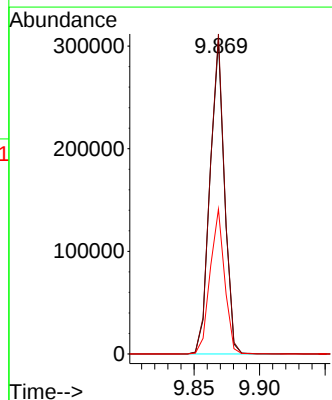
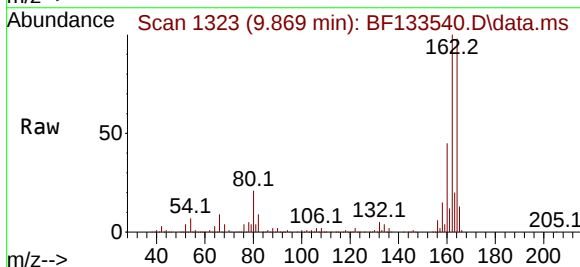
Instrument :
BNA_F
ClientSampleId :
SB15

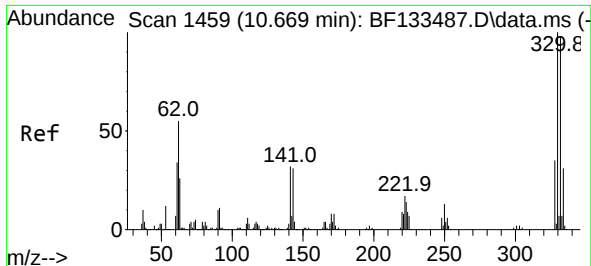
Tgt Ion:122 Resp: 172
Ion Ratio Lower Upper
122 100
105 261.0 103.3 143.3#
77 600.7 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:164 Resp: 234569
Ion Ratio Lower Upper
164 100
162 102.0 79.7 119.5
160 46.1 35.4 53.0

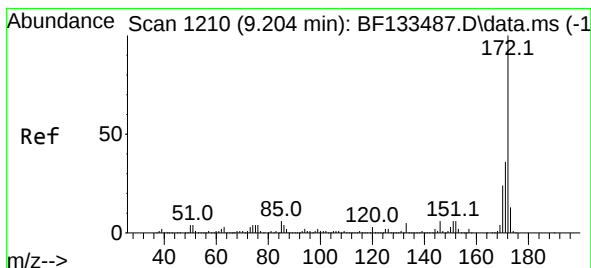
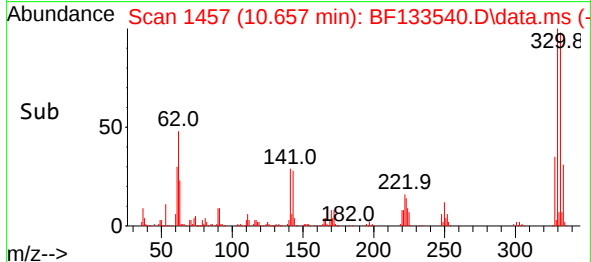
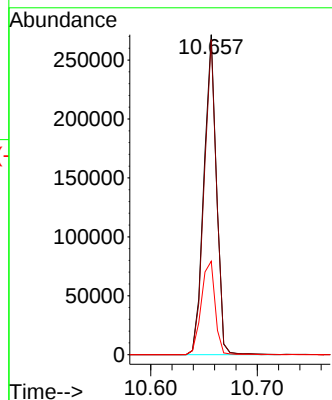
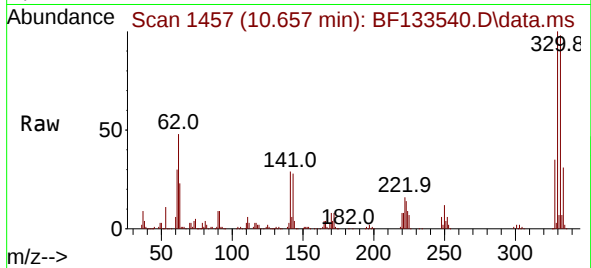




#42
2,4,6-Tribromophenol
Concen: 95.326 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

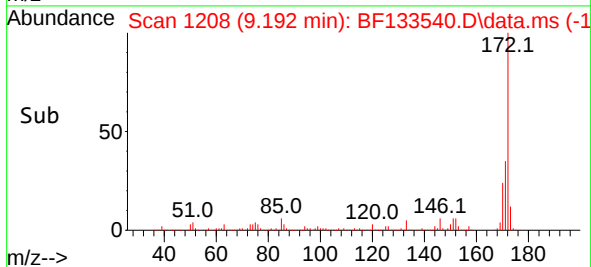
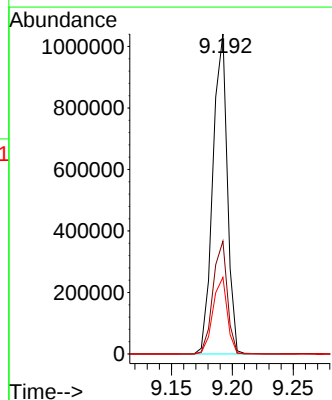
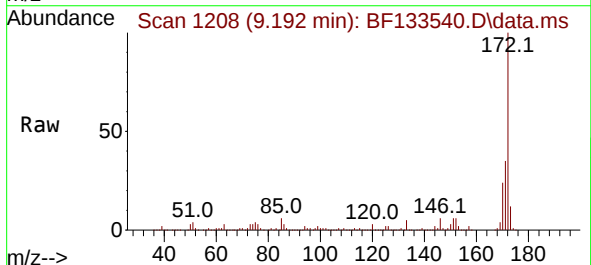
Instrument :
BNA_F
ClientSampleId :
SB15

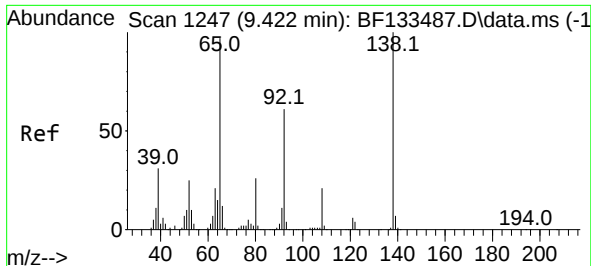
Tgt Ion: 330 Resp: 222893
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.6
141 32.3 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 56.425 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 172 Resp: 857544
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.0 19.3 28.9

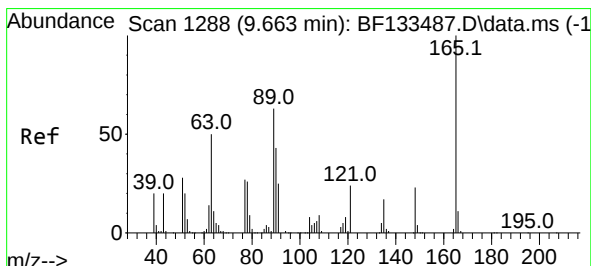
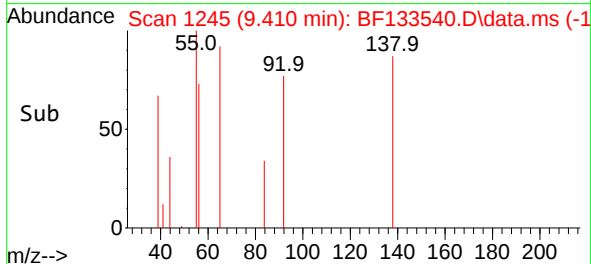
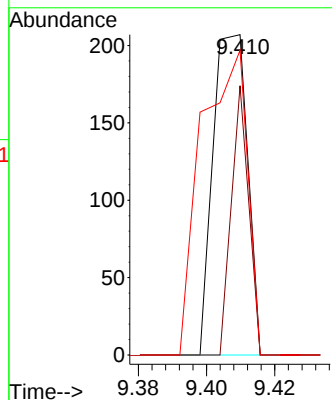
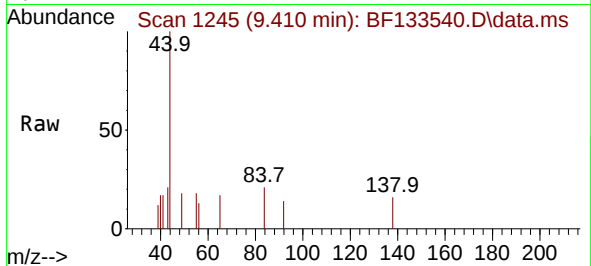




#48
2-Nitroaniline
Concen: 4.021 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

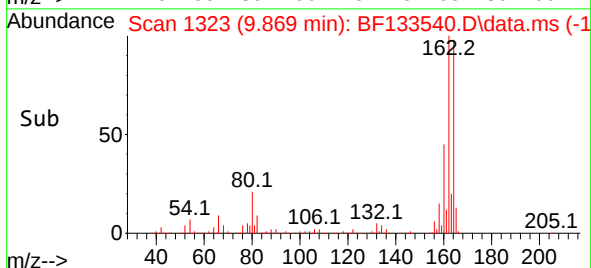
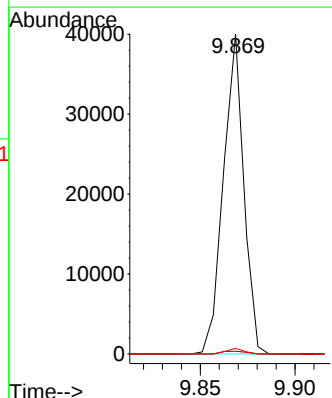
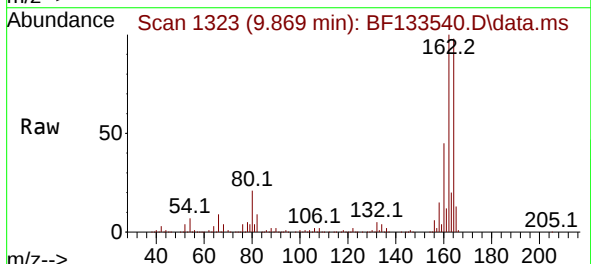
Instrument :
BNA_F
ClientSampleId :
SB15

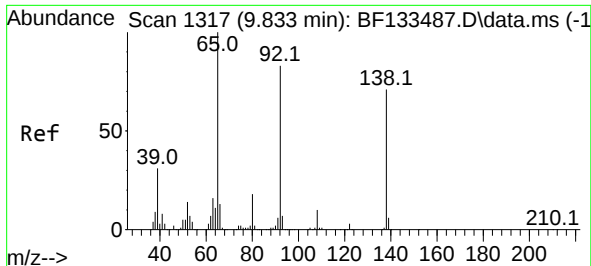
Tgt Ion: 65 Resp: 145
Ion Ratio Lower Upper
65 100
92 84.1 50.8 76.2#
138 95.2 82.6 124.0



#51
2,6-Dinitrotoluene
Concen: 12.520 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.211 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 165 Resp: 30003
Ion Ratio Lower Upper
165 100
63 0.8 57.0 85.4#
89 1.8 50.8 76.2#

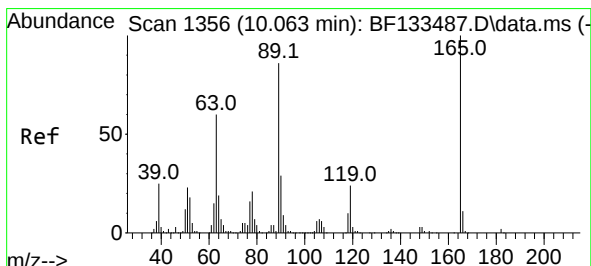
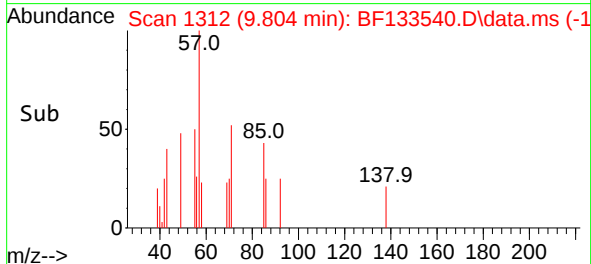
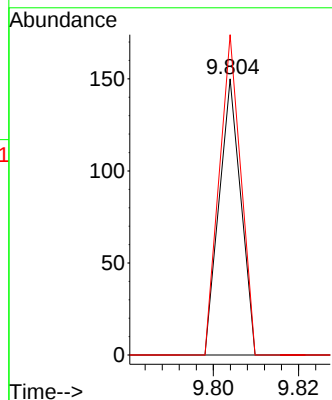
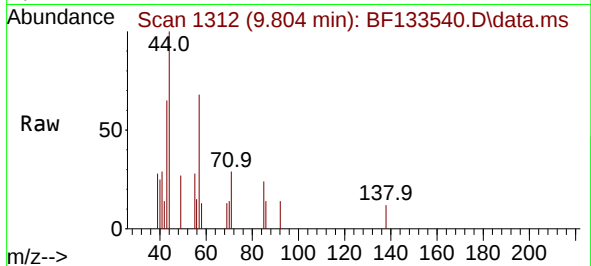




#53
3-Nitroaniline
Concen: 3.192 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

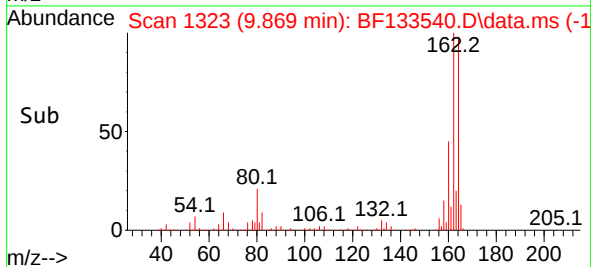
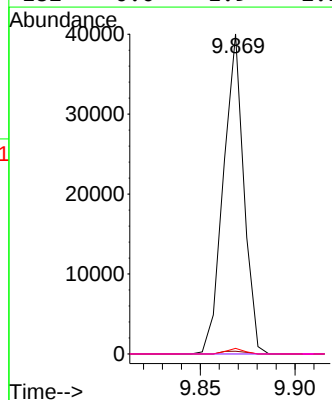
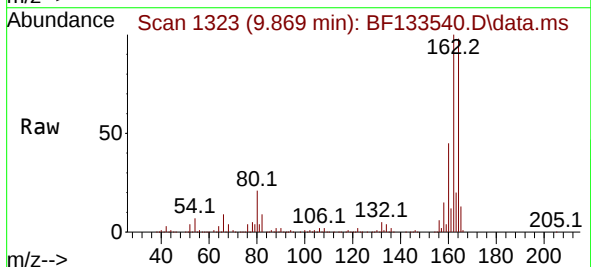
Instrument :
BNA_F
ClientSampleId :
SB15

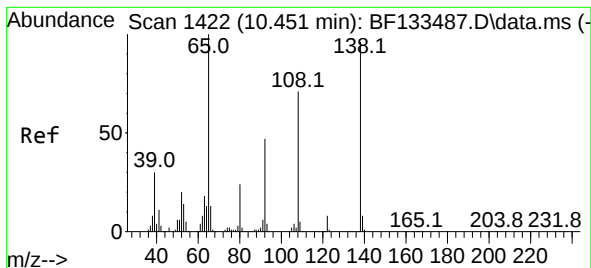
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
108 0.0 11.9 17.9#
92 116.0 93.1 139.7



#57
2,4-Dinitrotoluene
Concen: 11.695 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:165 Resp: 30003
Ion Ratio Lower Upper
165 100
63 0.8 48.1 72.1#
89 1.8 68.4 102.6#
182 0.0 1.9 2.9#

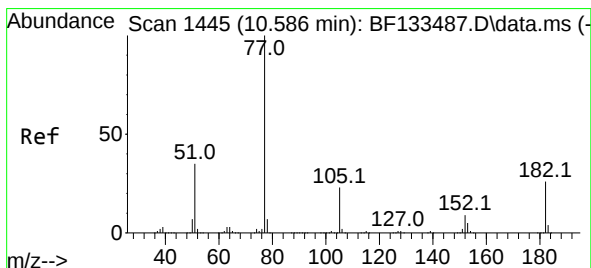
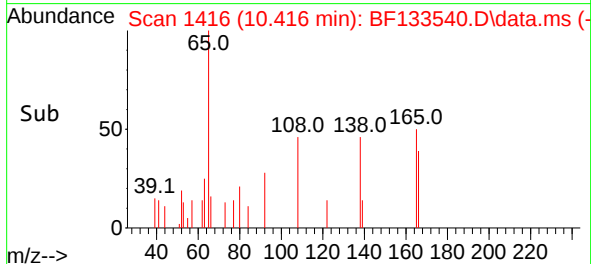
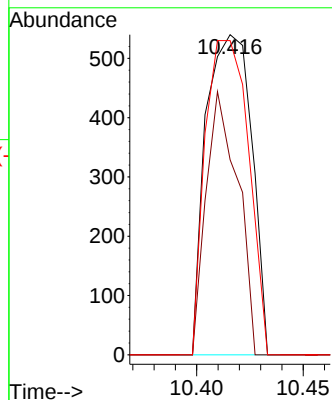
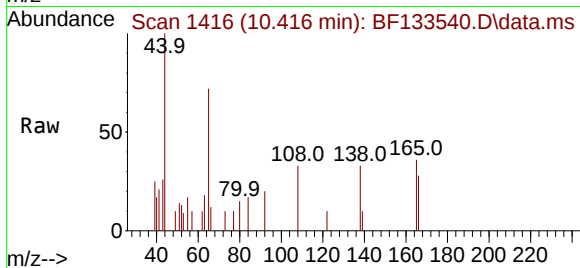




#62
4-Nitroaniline
Concen: 3.175 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.024 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

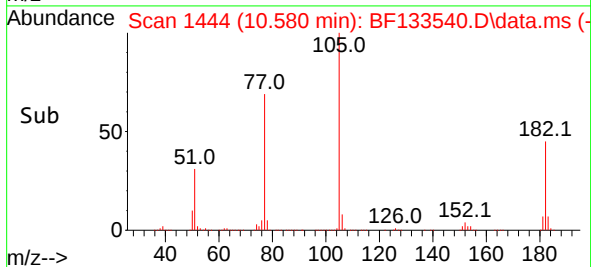
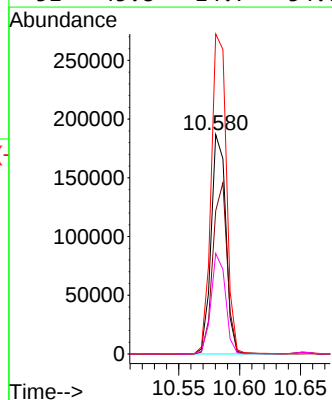
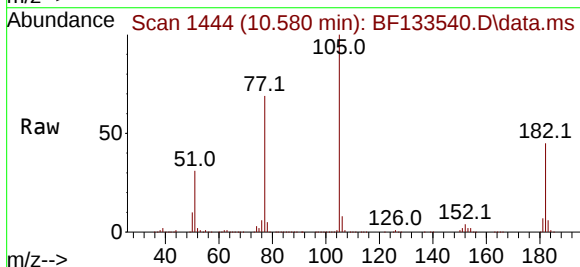
Instrument :
BNA_F
ClientSampleId :
SB15

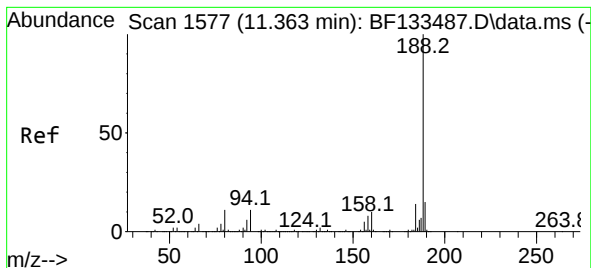
Tgt Ion:138 Resp: 803
Ion Ratio Lower Upper
138 100
92 60.9 28.4 68.4
108 98.1 54.2 94.2#



#63
Azobenzene
Concen: 9.164 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion: 77 Resp: 156999
Ion Ratio Lower Upper
77 100
182 65.3 5.6 45.6#
105 145.9 2.6 42.6#
51 45.8 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

Instrument :

BNA_F

ClientSampleId :

SB15

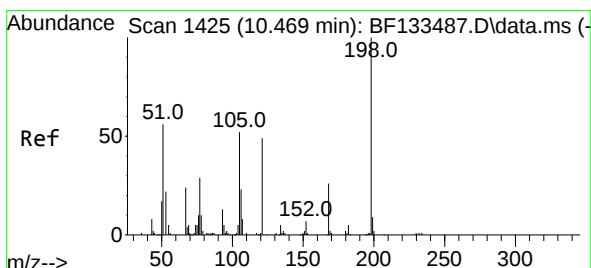
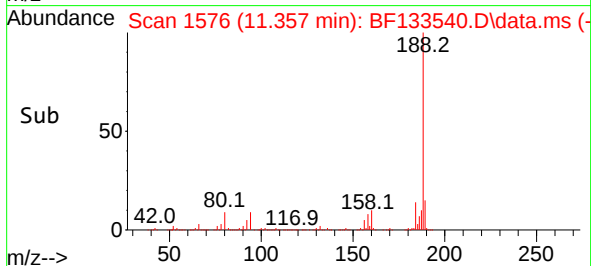
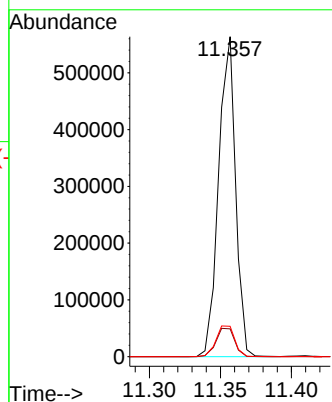
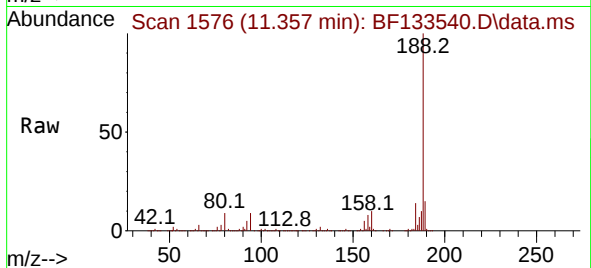
Tgt Ion:188 Resp: 467023

Ion Ratio Lower Upper

188 100

94 8.7 8.6 12.8

80 9.5 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.907 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.188 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

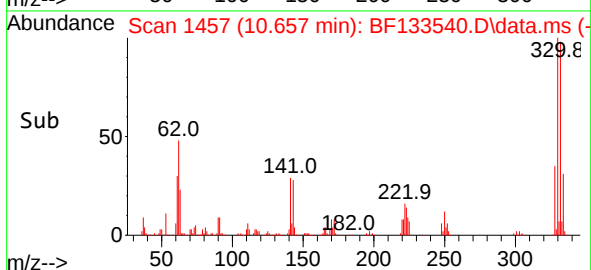
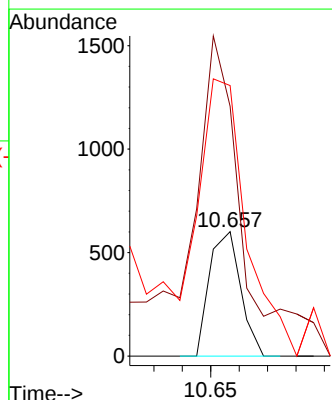
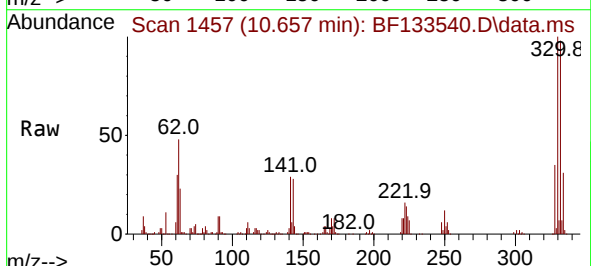
Tgt Ion:198 Resp: 456

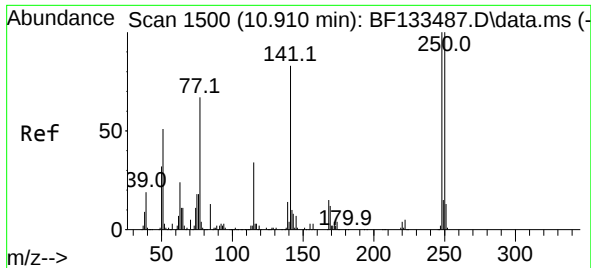
Ion Ratio Lower Upper

198 100

51 200.8 53.6 93.6#

105 217.5 35.9 75.9#





#67

4-Bromophenyl-phenylether

Concen: 2.892 ng

RT: 10.657 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

Instrument :

BNA_F

ClientSampleId :

SB15

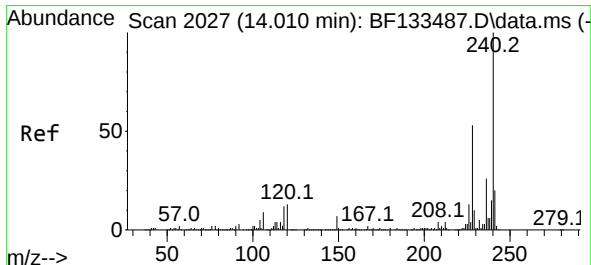
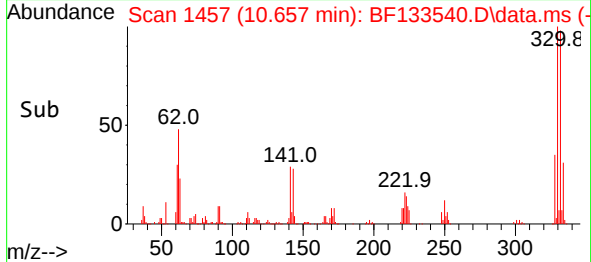
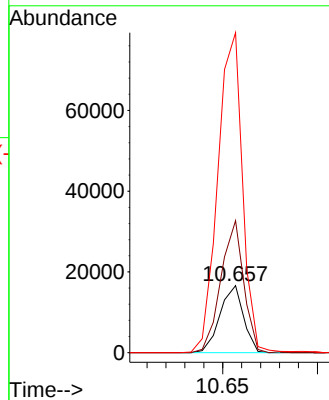
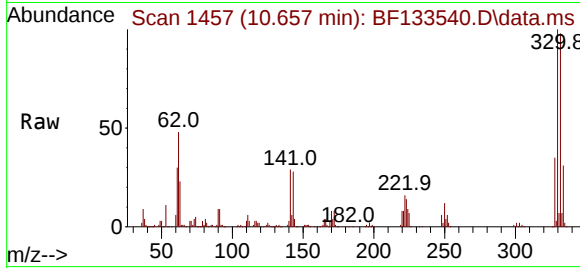
Tgt Ion:248 Resp: 14342

Ion Ratio Lower Upper

248 100

250 197.0 79.7 119.5#

141 477.5 66.6 100.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133540.D

Acq: 31 May 2023 15:41

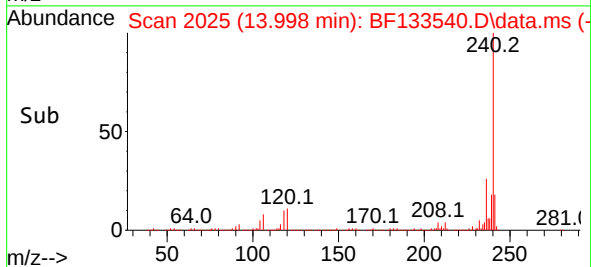
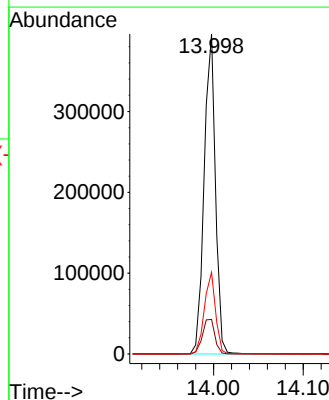
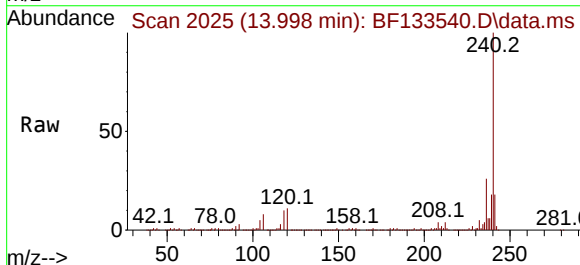
Tgt Ion:240 Resp: 345766

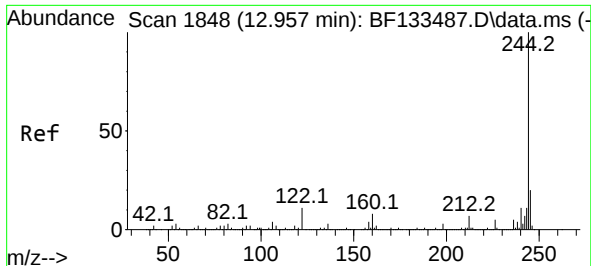
Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

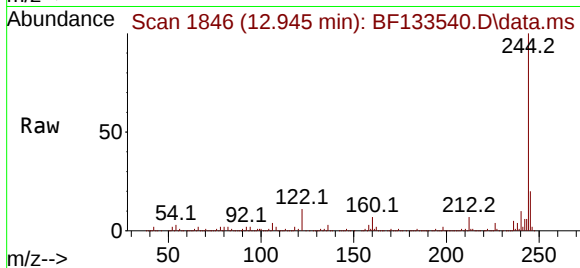
236 25.5 20.5 30.7



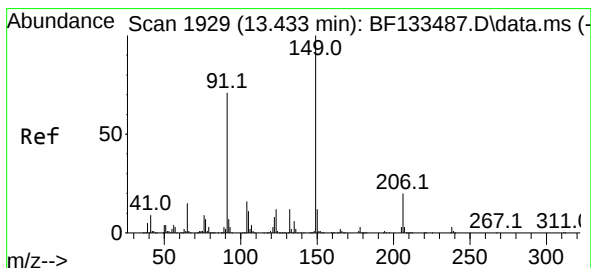
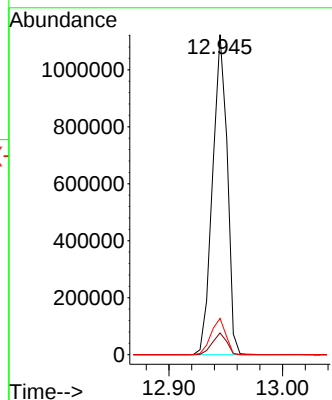
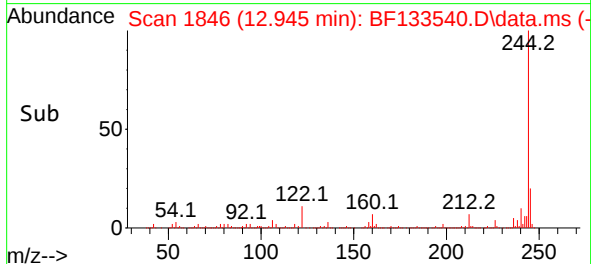


#79
 Terphenyl-d14
 Concen: 51.741 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133540.D
 Acq: 31 May 2023 15:41

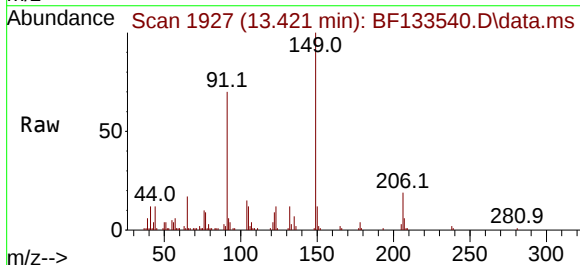
Instrument :
 BNA_F
 ClientSampleId :
 SB15



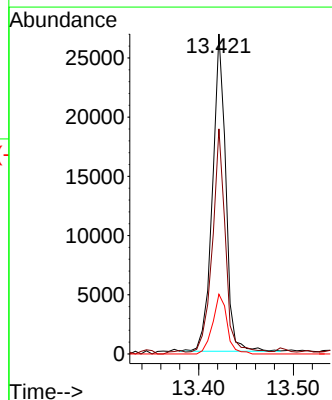
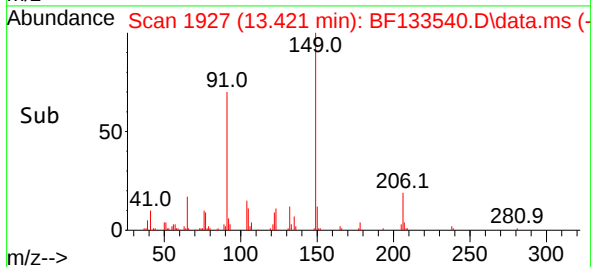
Tgt Ion:244 Resp: 1006203
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.4 8.5 12.7

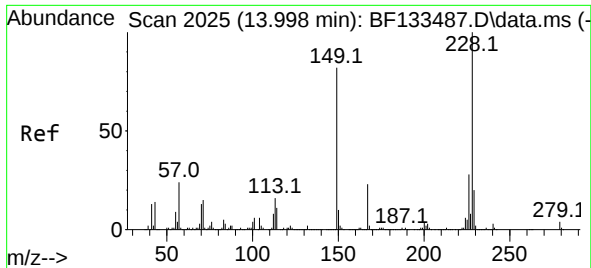


#80
 Butylbenzylphthalate
 Concen: 2.240 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF133540.D
 Acq: 31 May 2023 15:41



Tgt Ion:149 Resp: 26072
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.9 85.3
 206 18.6 15.7 23.5

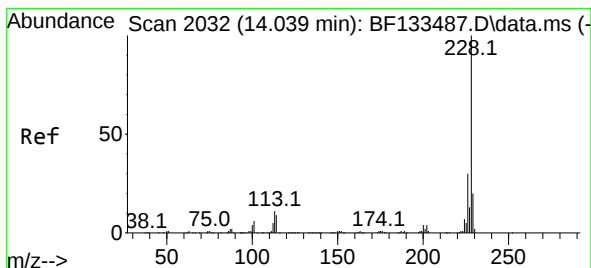
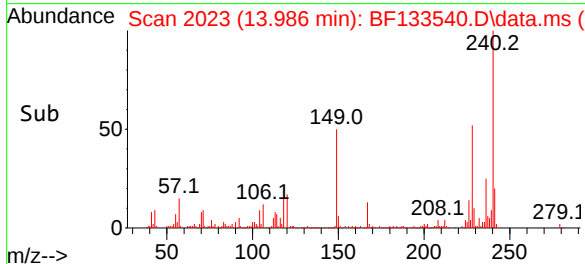
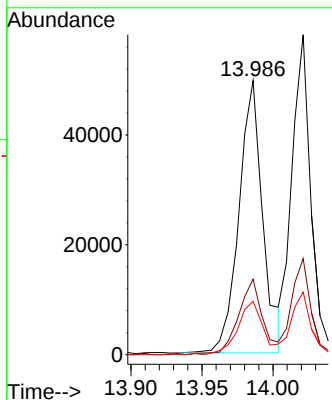
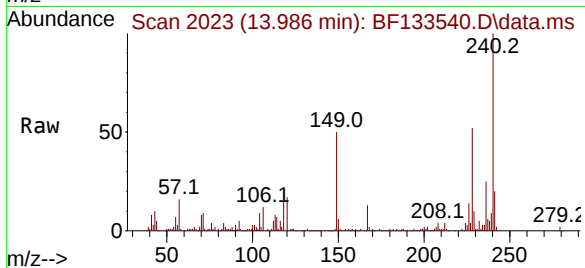




#81
Benzo(a)anthracene
Concen: 2.515 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

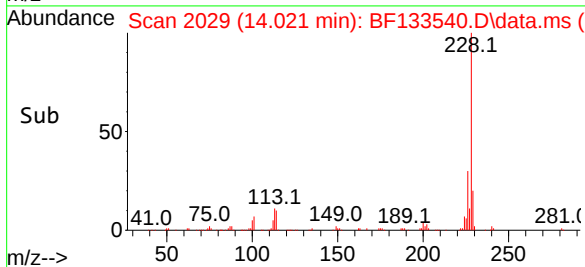
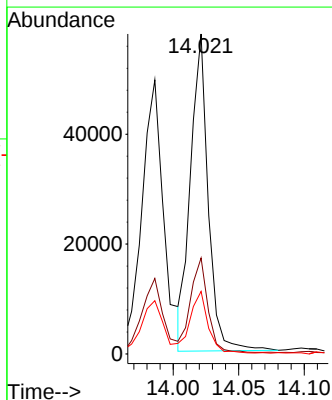
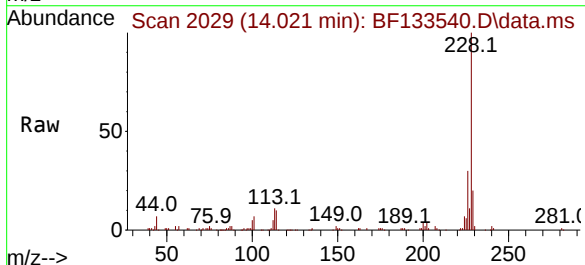
Instrument :
BNA_F
ClientSampleId :
SB15

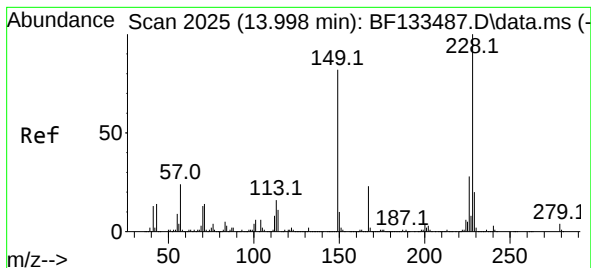
Tgt Ion:228 Resp: 57923
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.5 16.1 24.1



#83
Chrysene
Concen: 2.331 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:228 Resp: 54194
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 15.8 23.8

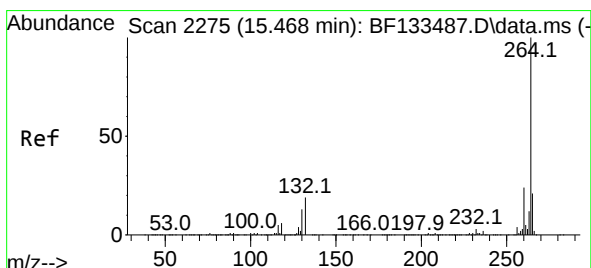
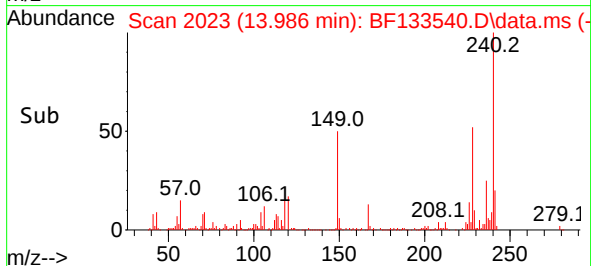
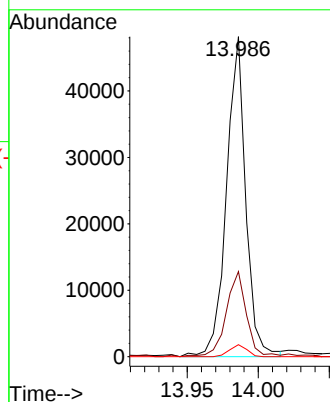
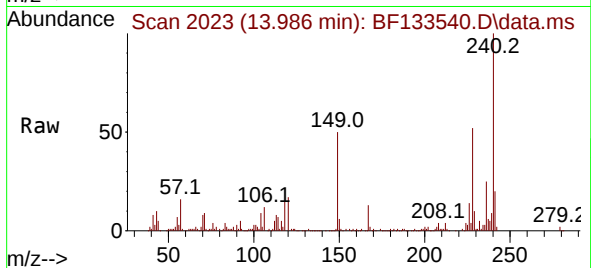




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.125 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:149 Resp: 45467
Ion Ratio Lower Upper
149 100
167 26.6 22.0 33.0
279 3.8 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF133540.D
Acq: 31 May 2023 15:41

Tgt Ion:264 Resp: 281762
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 21.9 16.8 25.2

