

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132167.D
 Acq On : 20 Jan 2023 18:23
 Operator : CG\JU
 Sample : 01160-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-04-SB02

Quant Time: Jan 21 03:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	177690	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	634459	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	333658	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	685322	20.000	ng	0.00
76) Chrysene-d12	14.301	240	496218	20.000	ng	0.00
86) Perylene-d12	15.895	264	391454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	784164	77.092	ng	0.00
7) Phenol-d6	6.695	99	1039153	81.156	ng	0.00
23) Nitrobenzene-d5	7.648	82	660257	55.283	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	322459	90.477	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1156783	50.660	ng	0.00
79) Terphenyl-d14	13.236	244	1409991	47.598	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.648	70	87855	11.201	ng	# 77
25) Isophorone	7.648	82	660276	28.255	ng	# 67
32) Benzoic acid	8.019	122	367	7.899	ng	# 74
48) 2-Nitroaniline	9.683	65	574	2.618	ng	# 38
63) Azobenzene	10.854	77	96213	4.045	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.930	198	1054	8.073	ng	# 1
67) 4-Bromophenyl-phenylether	10.930	248	21121	2.528	ng	# 1
80) Butylbenzylphthalate	13.701	149	326	2.941	ng	# 40
84) Bis(2-ethylhexyl)phtha...	14.265	149	16397	4.254	ng	98
85) Di-n-octyl phthalate	14.889	149	359	5.350	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.536	276	57	2.339	ng	# 52

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

BNA F

BNA F

ClientSampleId :

B-04-SB02

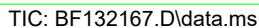
Quant Time: Jan 21 03:54:57 2023

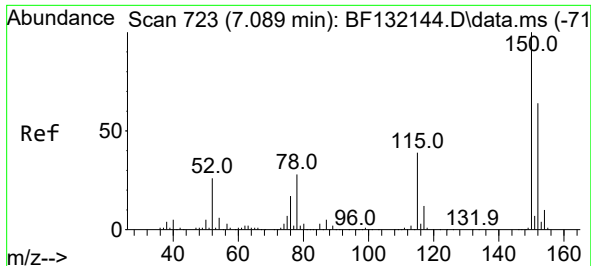
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 20 00:50:42 2023

Response via : Initial Calibration

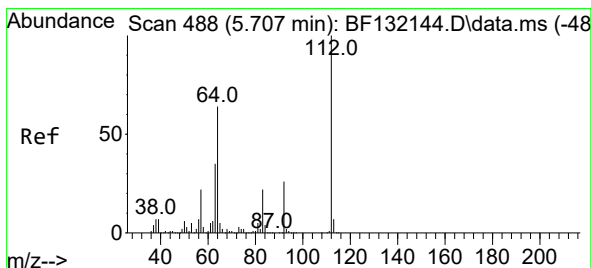
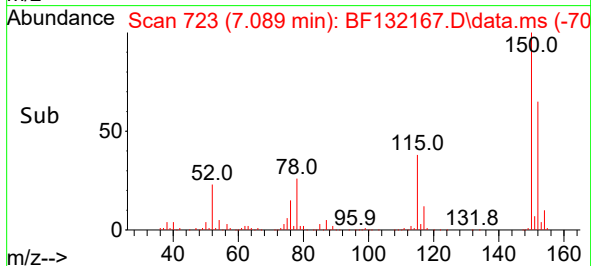
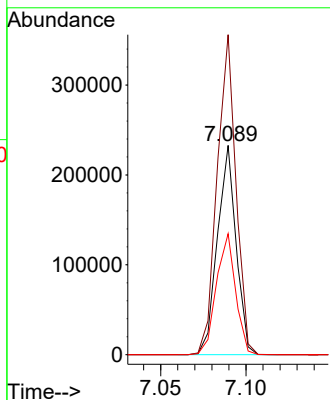
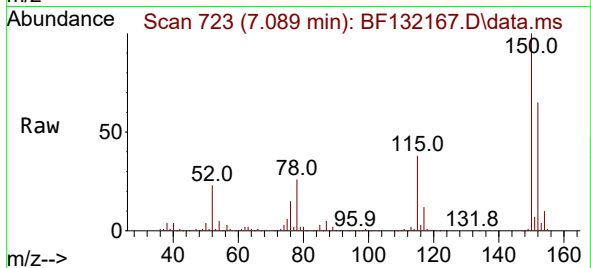




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

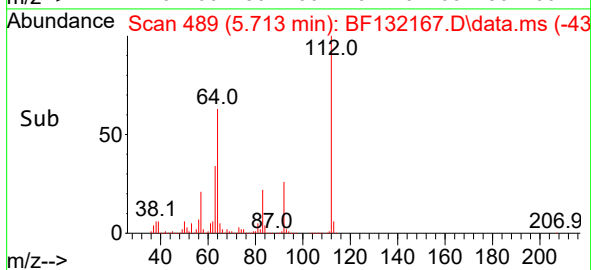
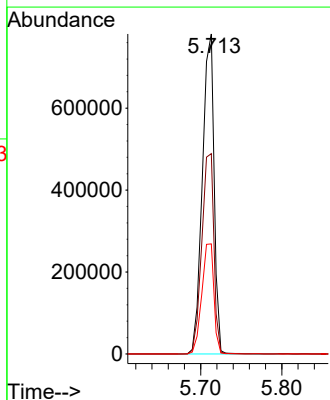
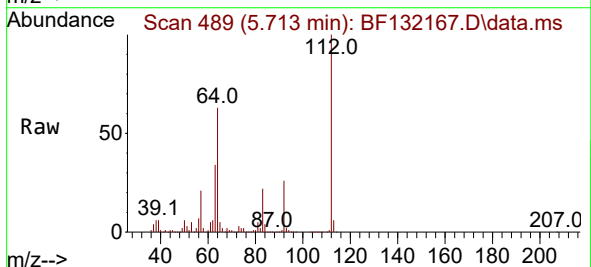
Instrument :
BNA_F
ClientSampleId :
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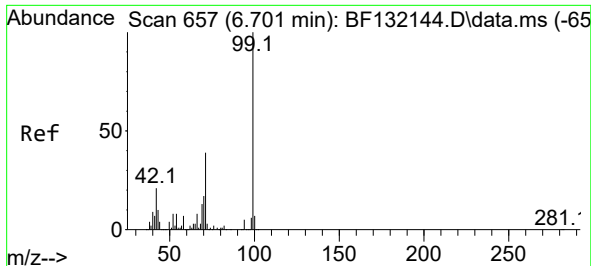
Tgt Ion:152 Resp: 177690
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.8
115 57.8 49.2 73.8



#5
2-Fluorophenol
Concen: 77.092 ng
RT: 5.713 min Scan# 489
Delta R.T. 0.006 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion:112 Resp: 784164
Ion Ratio Lower Upper
112 100
64 62.6 51.4 77.0
63 34.4 28.2 42.2

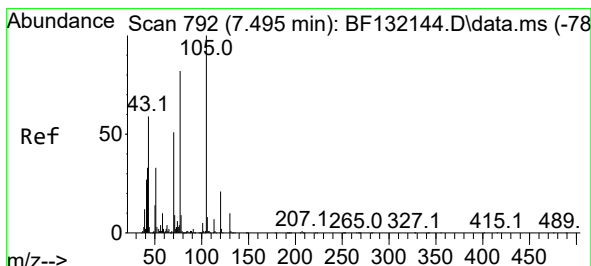
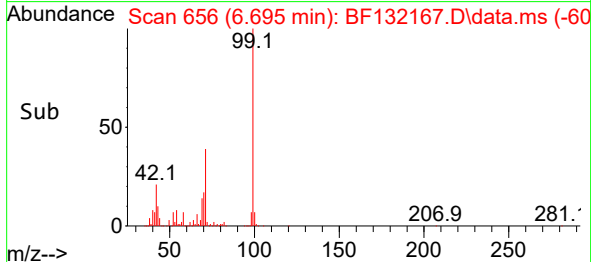
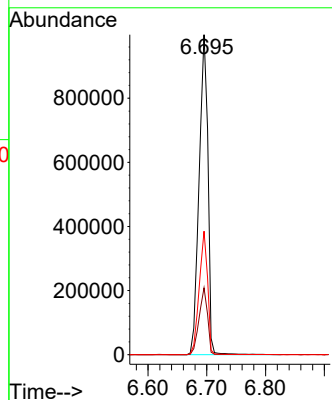
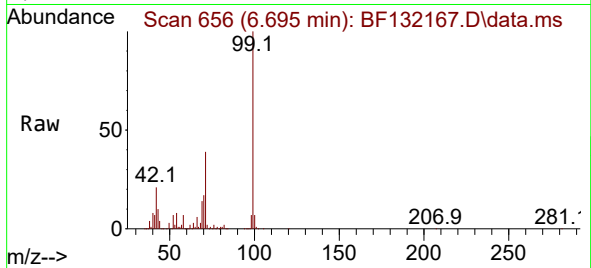




#7
Phenol-d6
Concen: 81.156 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

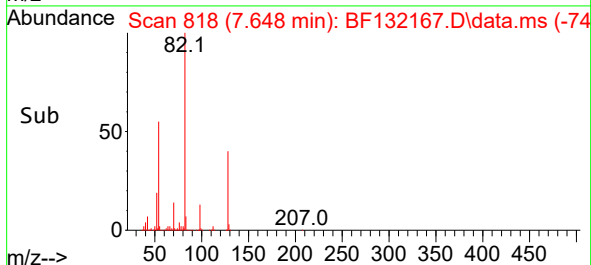
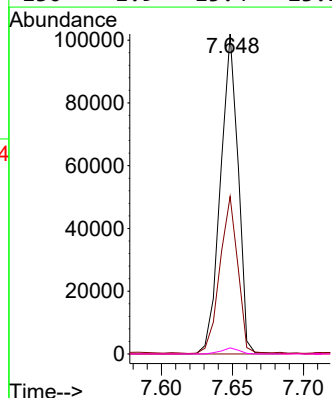
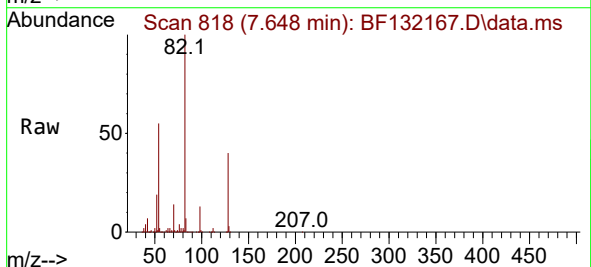
Instrument :
BNA_F
ClientSampleId :
B-04-SB02

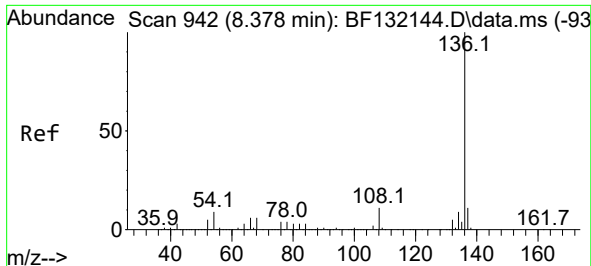
Tgt Ion: 99 Resp: 1039153
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 38.6 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.201 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.153 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion: 70 Resp: 87855
Ion Ratio Lower Upper
70 100
42 49.2 51.0 76.4#
101 0.0 7.3 10.9#
130 1.9 15.4 23.2#

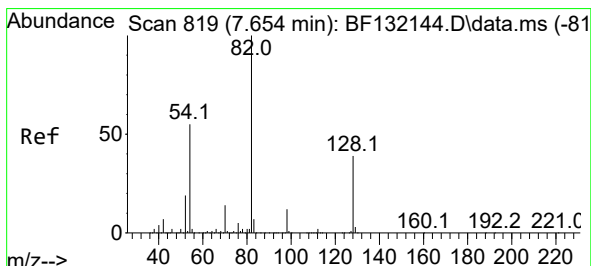
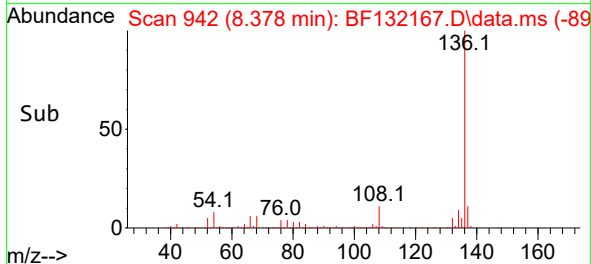
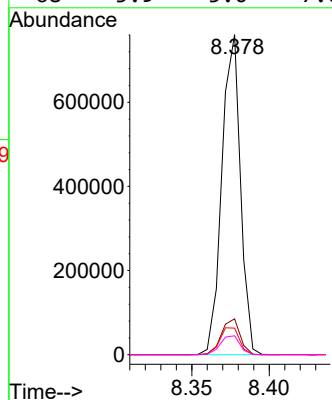
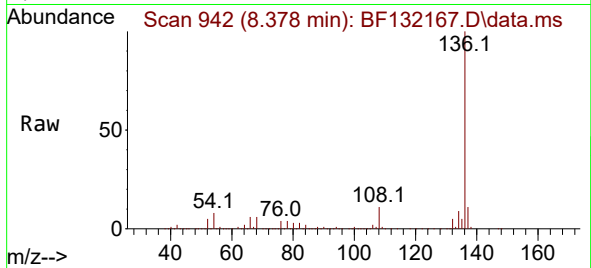




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

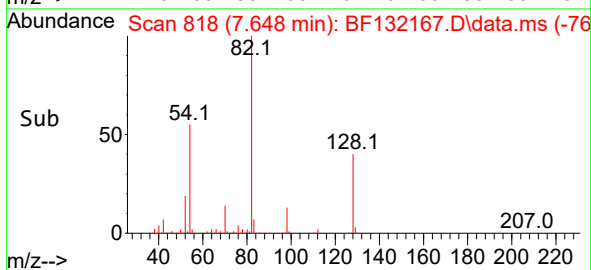
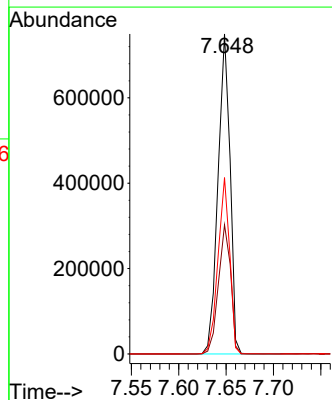
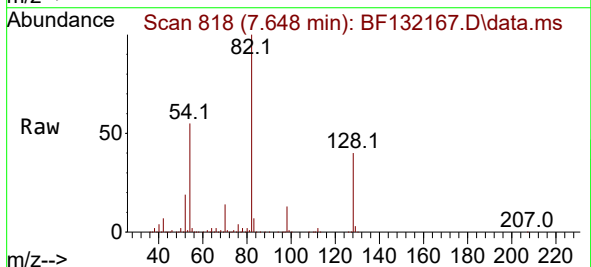
Instrument :
BNA_F
ClientSampleId :
B-04-SB02

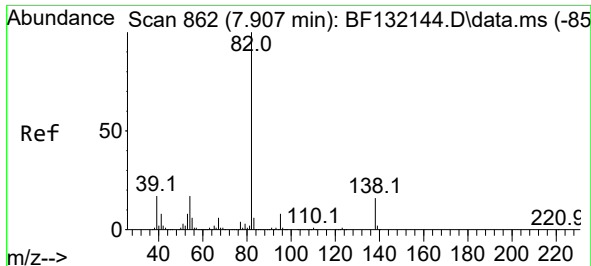
Tgt Ion:	136	Resp:	634459
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	7.0	10.6
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 55.283 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion:	82	Resp:	660257
Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.1	46.7
54	55.1	43.9	65.9

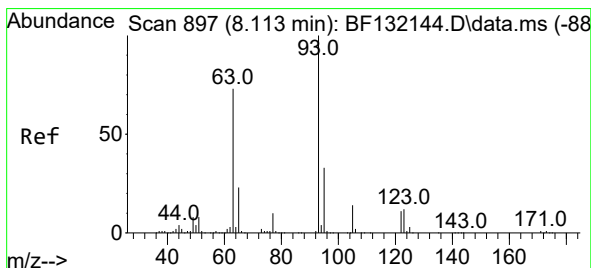
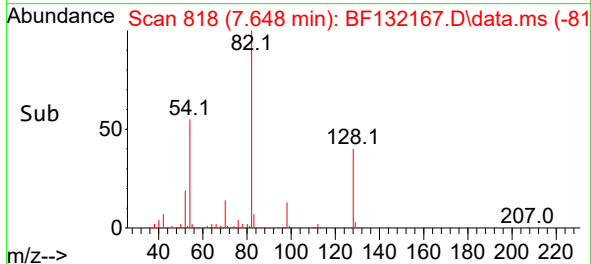
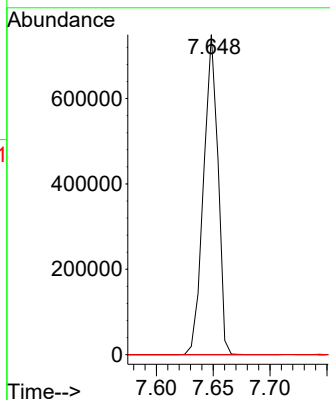
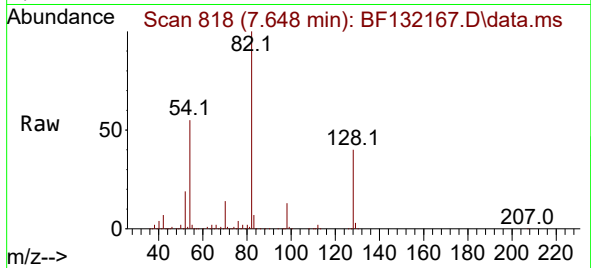




#25
Isophorone
Concen: 28.255 ng
RT: 7.648 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

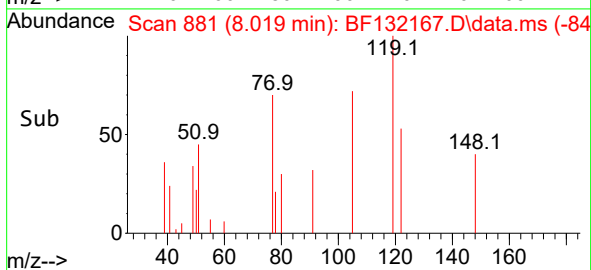
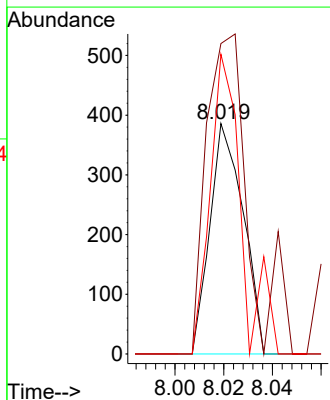
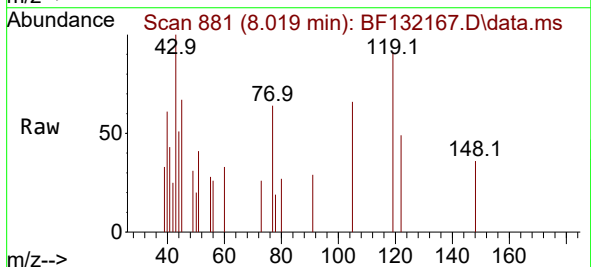
Instrument :
BNA_F
ClientSampleId :
B-04-SB02

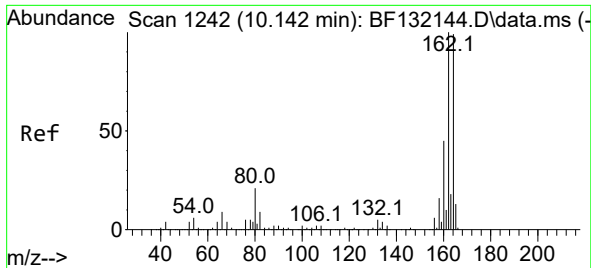
Tgt Ion: 82 Resp: 660276
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.899 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.094 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion:122 Resp: 367
Ion Ratio Lower Upper
122 100
105 134.7 96.8 136.8
77 130.1 72.5 112.5#

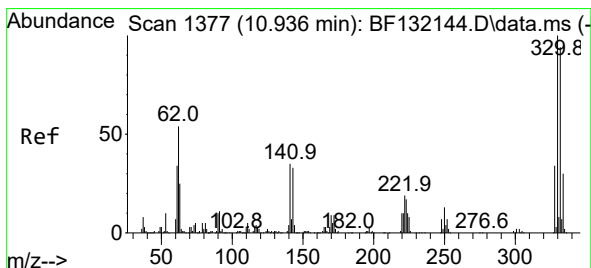
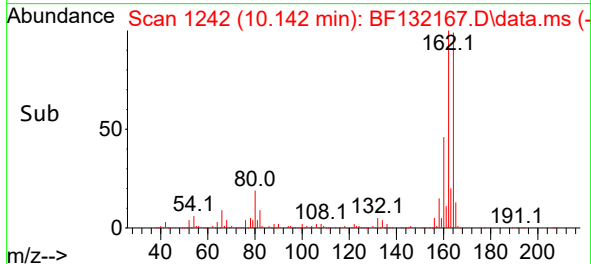
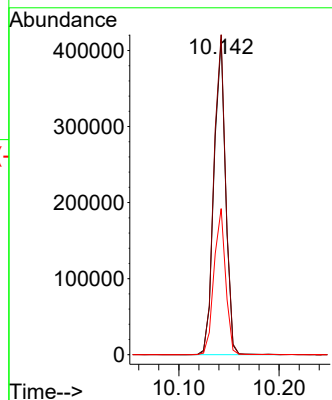
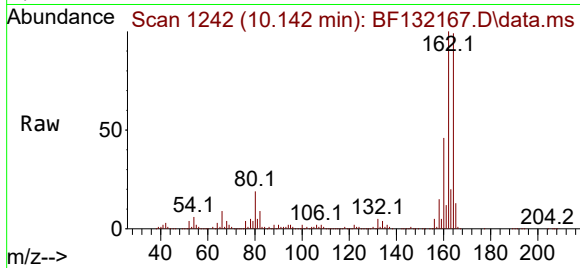




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

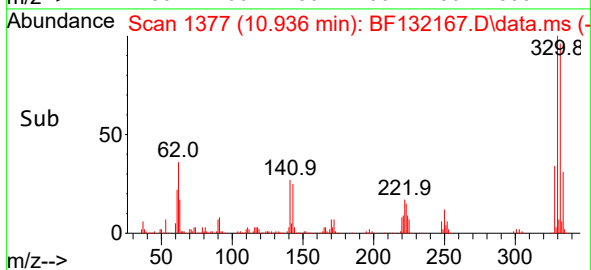
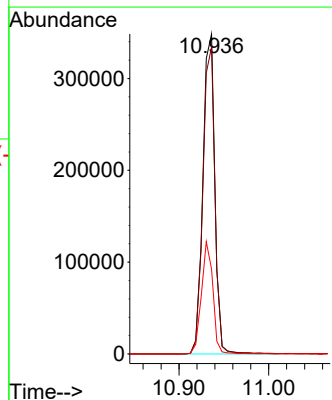
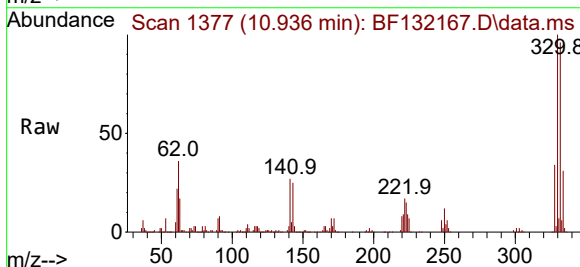
Instrument :
BNA_F
ClientSampleId :
B-04-SB02

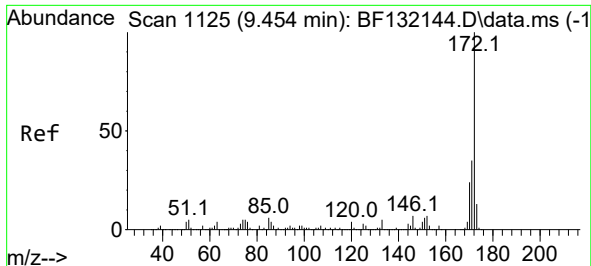
Tgt Ion:164 Resp: 333658
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 46.3 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 90.477 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion:330 Resp: 322459
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 33.6 27.1 40.7

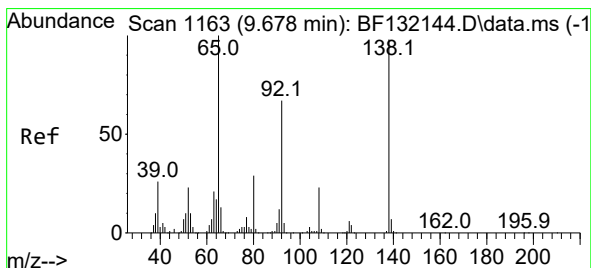
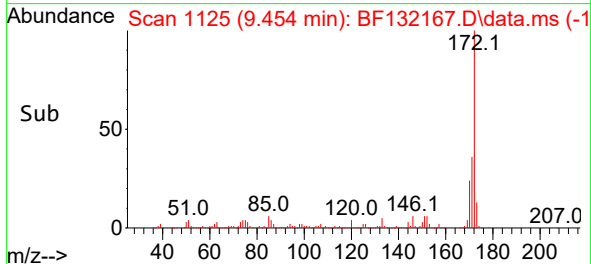
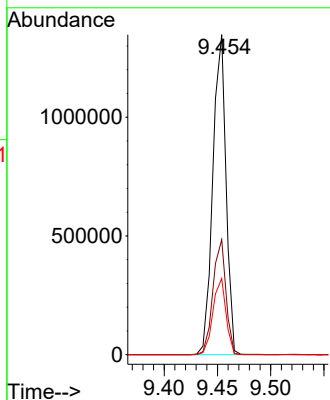
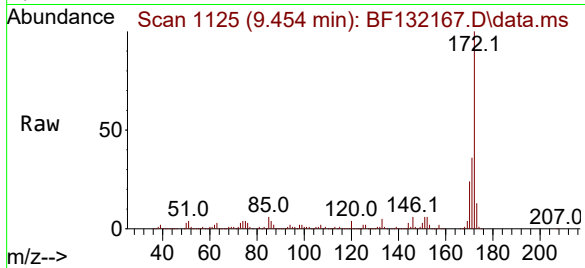




#45
2-Fluorobiphenyl
Concen: 50.660 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

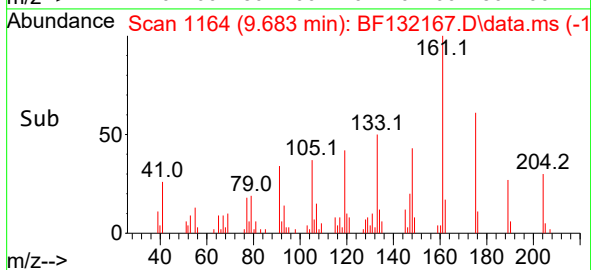
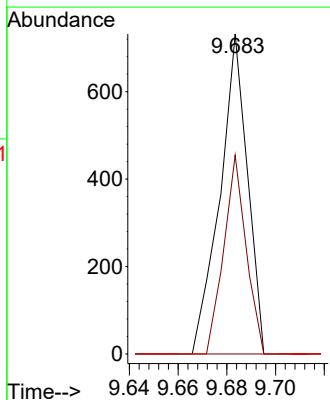
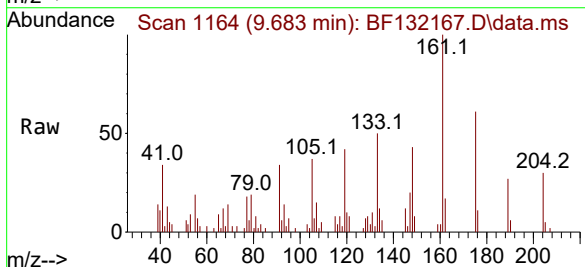
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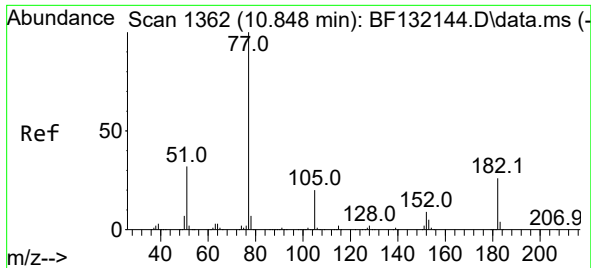
Tgt Ion:172 Resp: 1156783
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.8 19.6 29.4



#48
2-Nitroaniline
Concen: 2.618 ng
RT: 9.683 min Scan# 1164
Delta R.T. 0.005 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion: 65 Resp: 574
Ion Ratio Lower Upper
65 100
92 62.2 53.8 80.6
138 0.0 78.7 118.1#

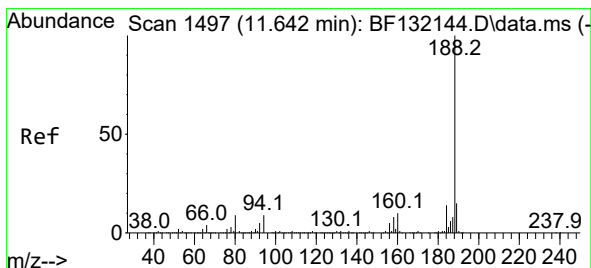
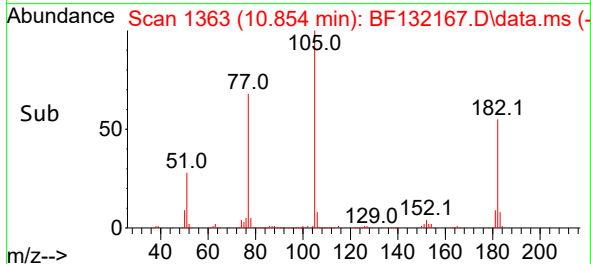
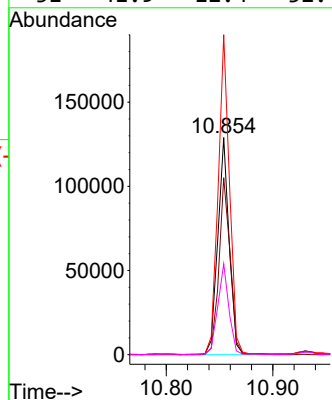
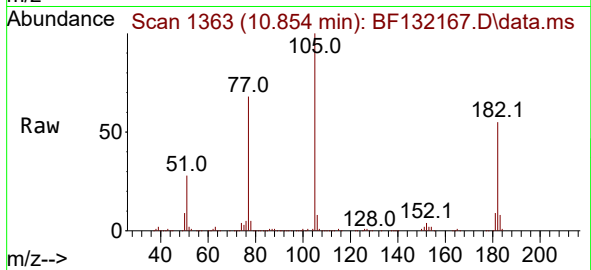




#63
 Azobenzene
 Concen: 4.045 ng
 RT: 10.854 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132167.D
 Acq: 20 Jan 2023 18:23

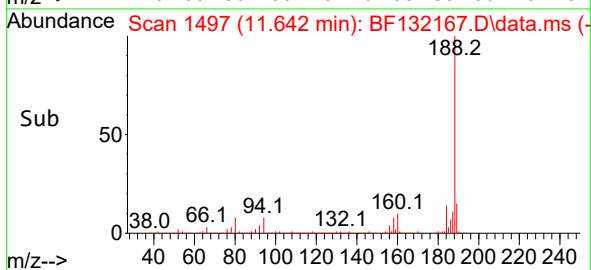
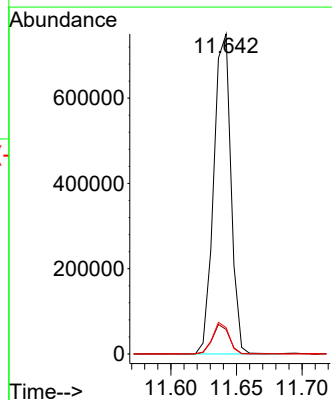
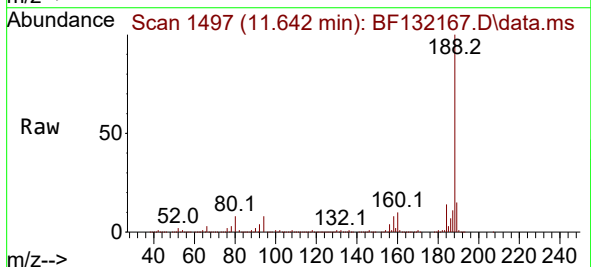
Instrument :
 BNA_F
 ClientSampleId :
 B-04-SB02

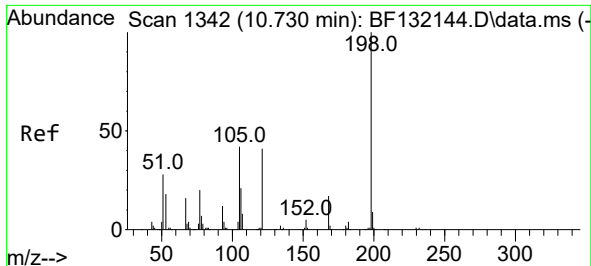
Tgt Ion: 77	Resp: 96213
Ion Ratio	Lower Upper
77 100	
182 81.5	6.4 46.4#
105 147.4	0.0 39.8#
51 41.9	12.4 52.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.642 min Scan# 1497
 Delta R.T. -0.000 min
 Lab File: BF132167.D
 Acq: 20 Jan 2023 18:23

Tgt Ion: 188	Resp: 685322
Ion Ratio	Lower Upper
188 100	
94 7.6	6.9 10.3
80 8.2	7.5 11.3

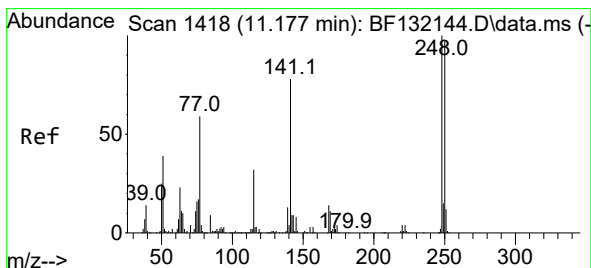
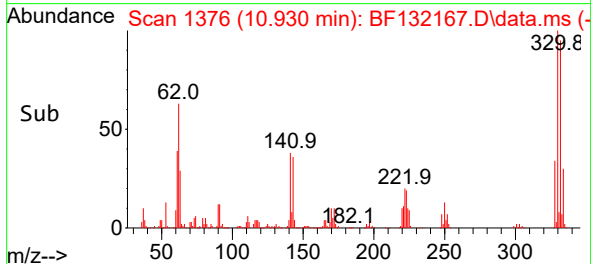
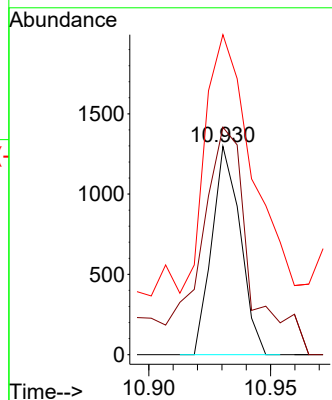
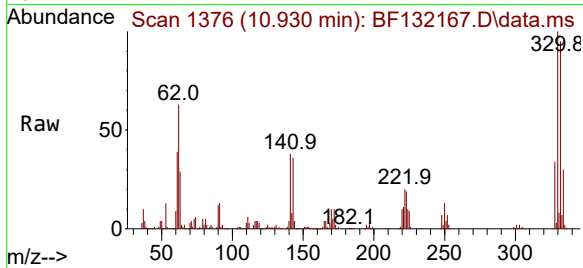




#65
4,6-Dinitro-2-methylphenol
Concen: 8.073 ng
RT: 10.930 min Scan# 1376
Delta R.T. 0.200 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

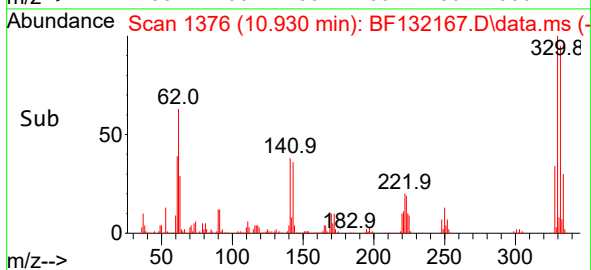
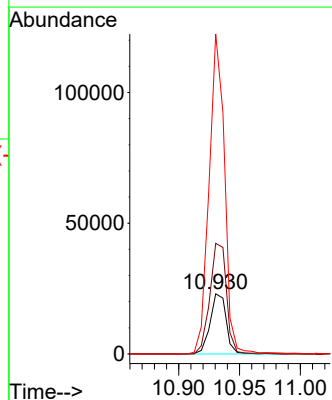
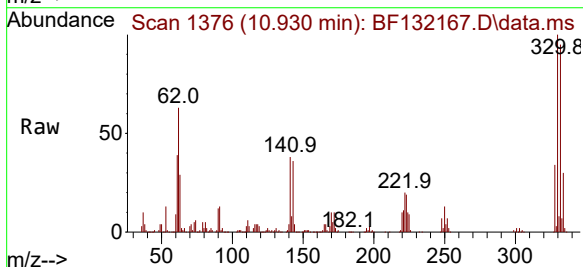
Instrument :
BNA_F
ClientSampleId :
B-04-SB02

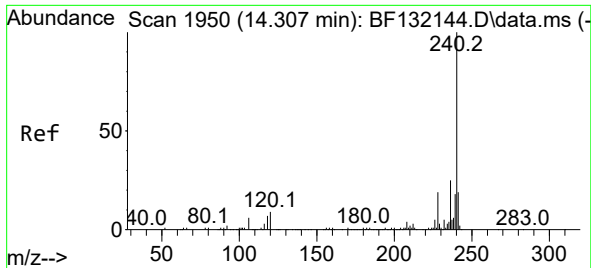
Tgt Ion:198 Resp: 1054
Ion Ratio Lower Upper
198 100
51 109.3 24.3 64.3#
105 153.7 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 2.528 ng
RT: 10.930 min Scan# 1376
Delta R.T. -0.247 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion:248 Resp: 21121
Ion Ratio Lower Upper
248 100
250 183.5 77.4 116.0#
141 531.1 62.2 93.2#

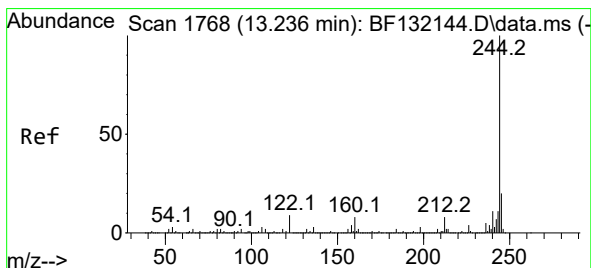
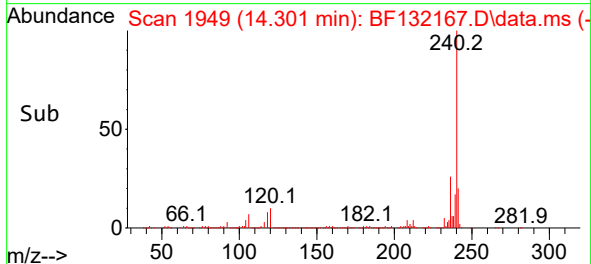
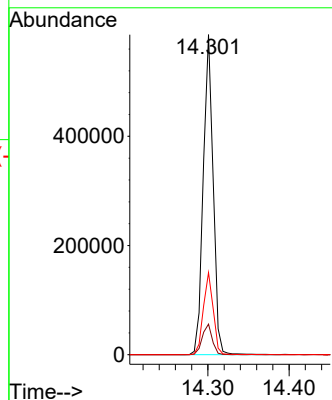
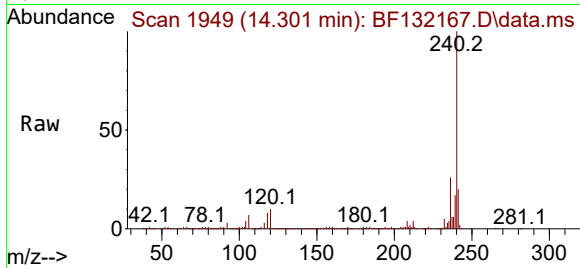




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

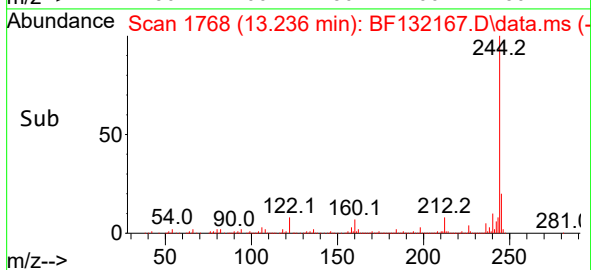
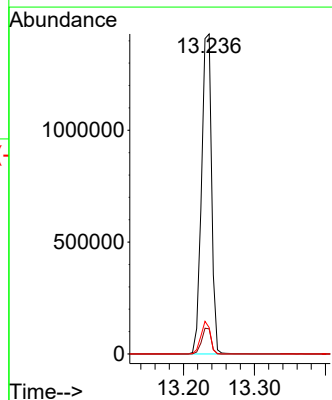
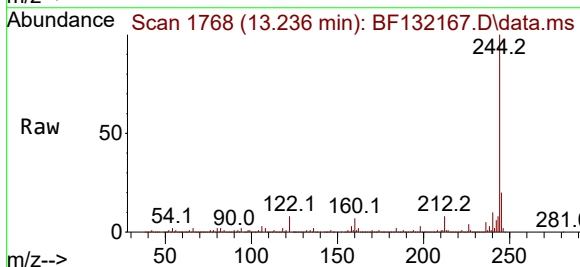
Instrument :
BNA_F
ClientSampleId :
B-04-SB02

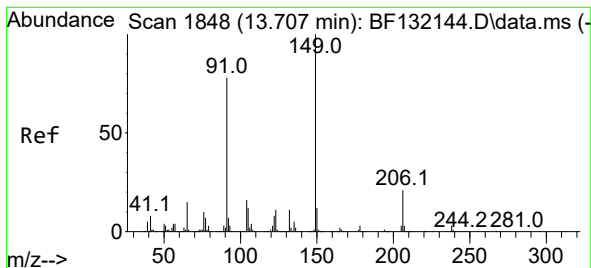
Tgt Ion:240 Resp: 496218
Ion Ratio Lower Upper
240 100
120 9.5 6.9 10.3
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 47.598 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF132167.D
Acq: 20 Jan 2023 18:23

Tgt Ion:244 Resp: 1409991
Ion Ratio Lower Upper
244 100
212 7.9 6.7 10.1
122 8.3 7.4 11.2





#80

Butylbenzylphthalate

Concen: 2.941 ng

RT: 13.701 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF132167.D

Acq: 20 Jan 2023 18:23

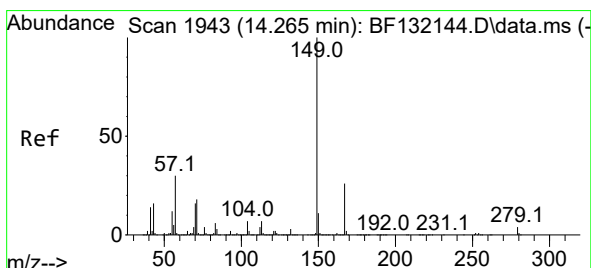
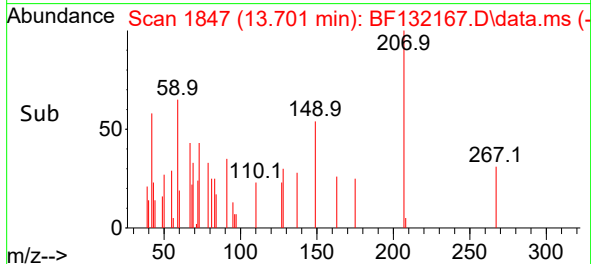
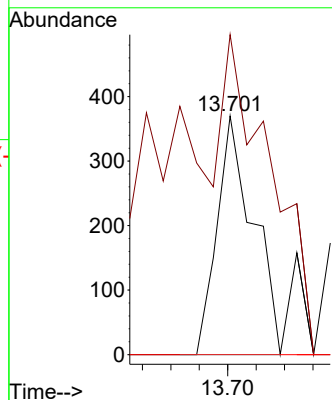
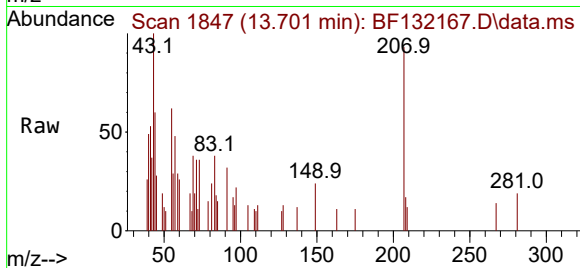
Instrument :

BNA_F

ClientSampleId :

B-04-SB02

Tgt Ion:	149	Resp:	326
Ion	Ratio	Lower	Upper
149	100		
91	134.1	62.6	94.0#
206	0.0	16.4	24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.254 ng

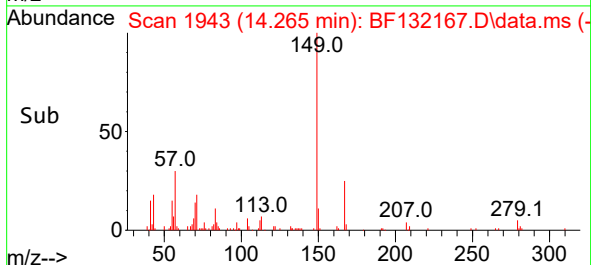
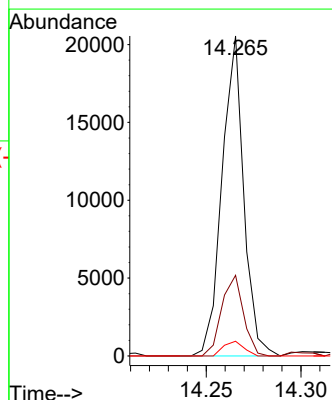
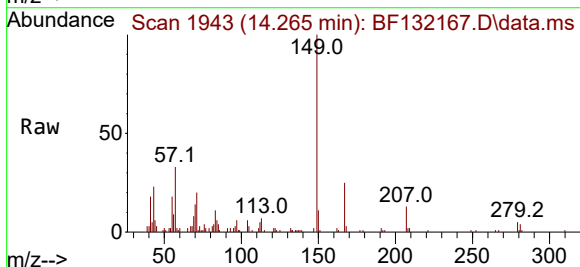
RT: 14.265 min Scan# 1943

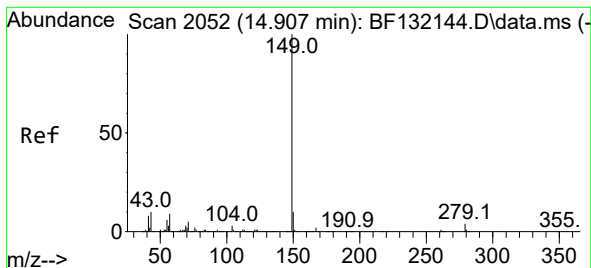
Delta R.T. 0.000 min

Lab File: BF132167.D

Acq: 20 Jan 2023 18:23

Tgt Ion:	149	Resp:	16397
Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.6
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 5.350 ng

RT: 14.889 min Scan# 2052

Delta R.T. -0.018 min

Lab File: BF132167.D

Acq: 20 Jan 2023 18:23

Instrument :

BNA_F

ClientSampleId :

B-04-SB02

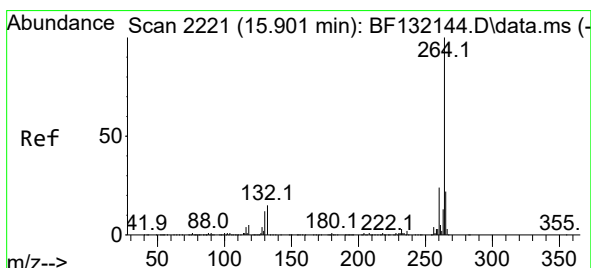
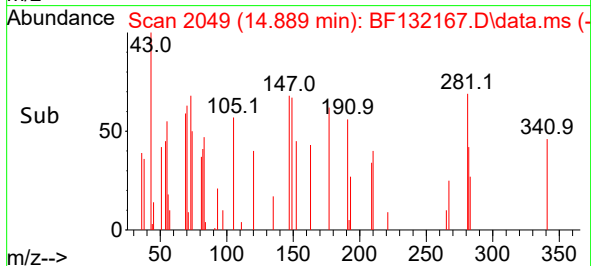
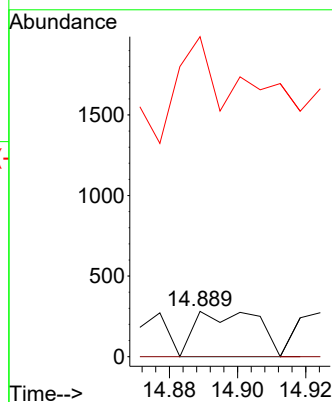
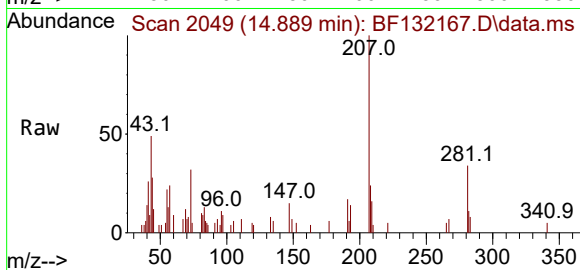
Tgt Ion:149 Resp: 359

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 326.2 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BF132167.D

Acq: 20 Jan 2023 18:23

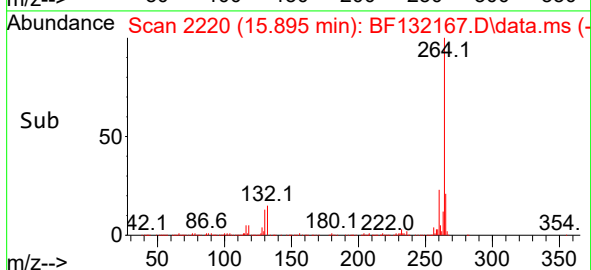
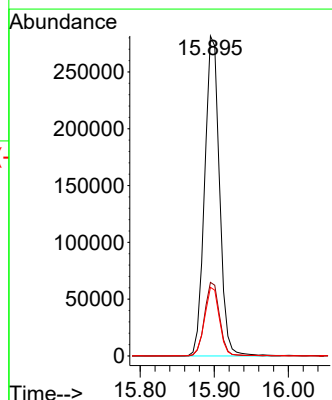
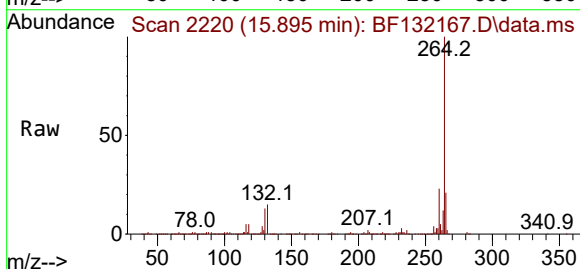
Tgt Ion:264 Resp: 391454

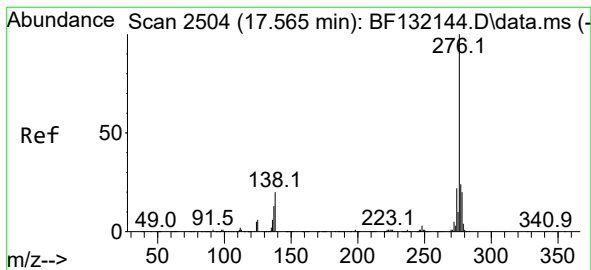
Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.339 ng

RT: 17.536 min Scan# 24

Delta R.T. -0.029 min

Lab File: BF132167.D

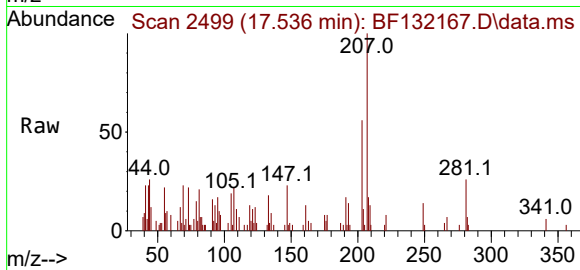
Acq: 20 Jan 2023 18:23

Instrument :

BNA_F

ClientSampleId :

B-04-SB02



Tgt Ion:276 Resp: 57

Ion Ratio Lower Upper

276 100

138 0.0 17.9 26.9#

277 0.0 20.2 30.2#

