

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132513.D
 Acq On : 22 Feb 2023 19:12
 Operator : CG\JU
 Sample : PB150932BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150932BL

Quant Time: Feb 23 01:19:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

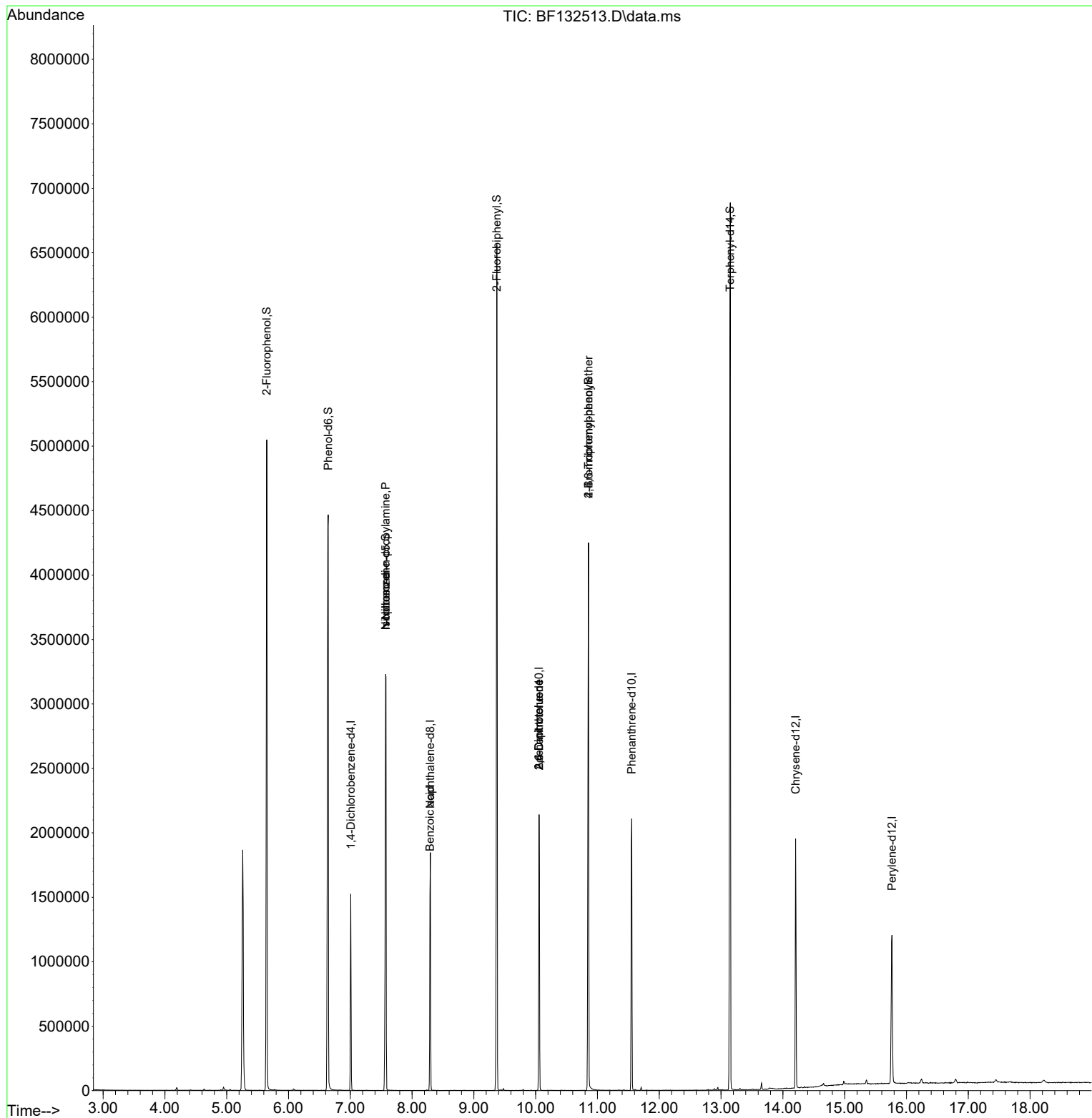
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	204340	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	756393	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	414728	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	803343	20.000	ng	0.00
76) Chrysene-d12	14.207	240	631894	20.000	ng	#-0.01
86) Perylene-d12	15.766	264	573904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1445585	114.816	ng	0.01
7) Phenol-d6	6.643	99	1877906	114.285	ng	0.00
23) Nitrobenzene-d5	7.572	82	1284127	80.546	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	510584	113.998	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2010970	73.832	ng	0.00
79) Terphenyl-d14	13.148	244	2534760	67.822	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	174099	17.216	ng	# 78
25) Isophorone	7.572	82	1282306	41.952	ng	# 67
32) Benzoic acid	8.290	122	238	3.859	ng	# 1
51) 2,6-Dinitrotoluene	10.054	165	53825	7.827	ng	# 22
57) 2,4-Dinitrotoluene	10.054	165	53825	5.883	ng	# 21
67) 4-Bromophenyl-phenylether	10.854	248	33420	3.678	ng	# 1

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

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Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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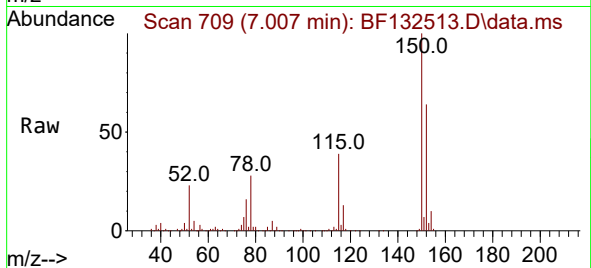
Quant Time: Feb 23 01:19:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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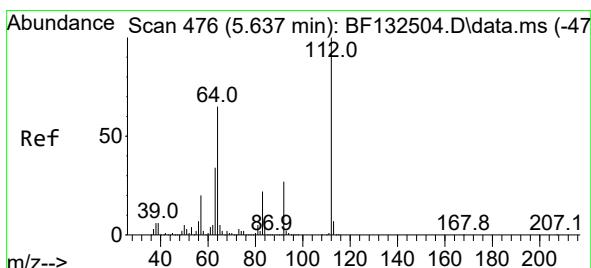
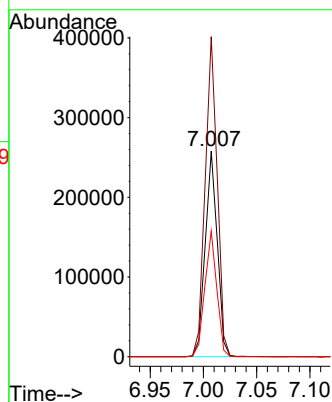
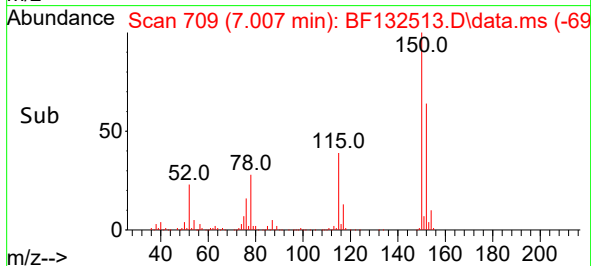


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

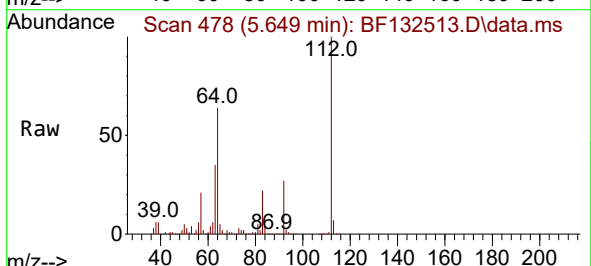
Instrument :
BNA_F
ClientSampleId :
PB150932BL



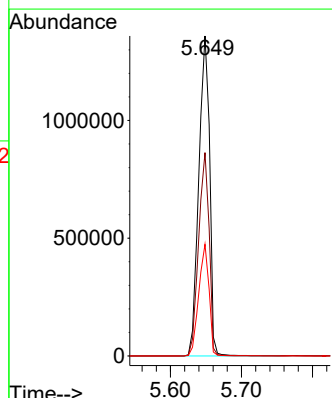
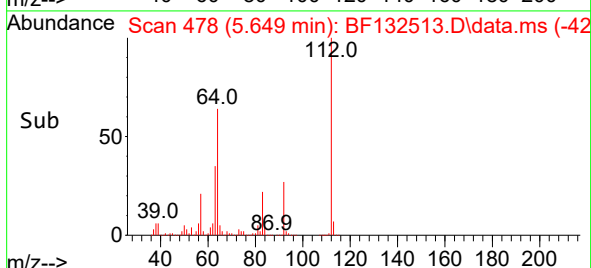
Tgt Ion:152 Resp: 204340
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 61.1 47.8 71.6

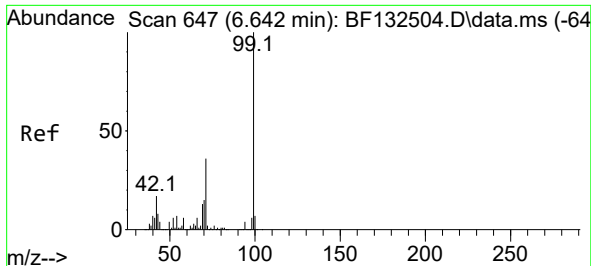


#5
2-Fluorophenol
Concen: 114.816 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12



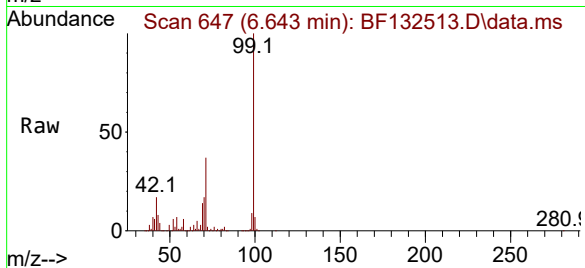
Tgt Ion:112 Resp: 1445585
Ion Ratio Lower Upper
112 100
64 63.6 51.6 77.4
63 34.9 27.4 41.2





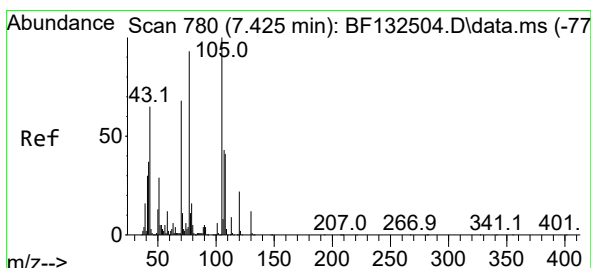
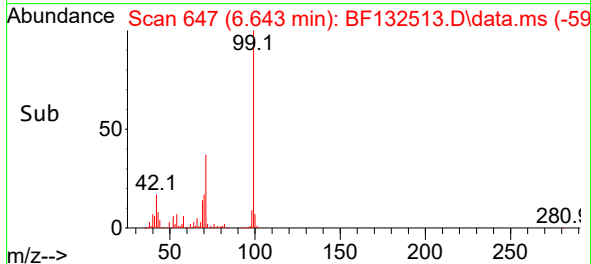
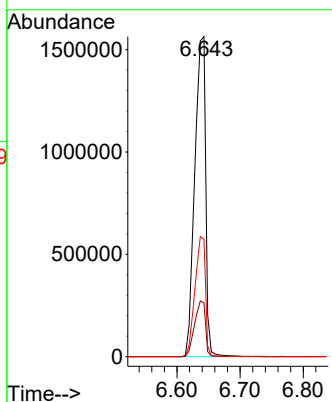
#7
Phenol-d6
Concen: 114.285 ng
RT: 6.643 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Instrument :
BNA_F
ClientSampleId :
PB150932BL



Tgt Ion: 99 Resp: 1877906

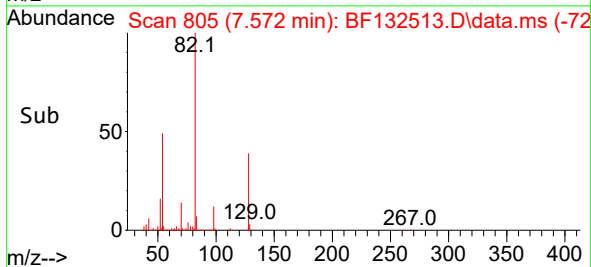
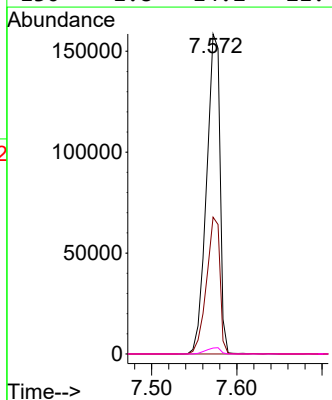
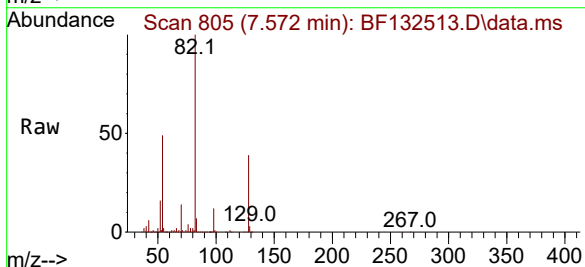
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.9	20.9
71	36.7	28.5	42.7

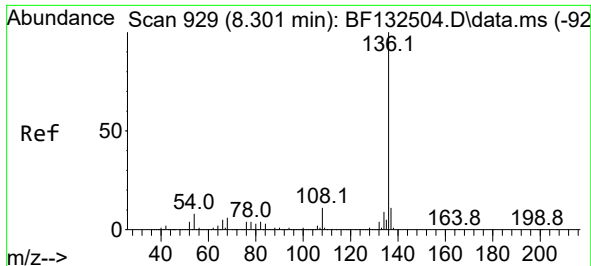


#19
n-Nitroso-di-n-propylamine
Concen: 17.216 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion: 70 Resp: 174099

Ion	Ratio	Lower	Upper
70	100		
42	42.8	44.1	66.1#
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#

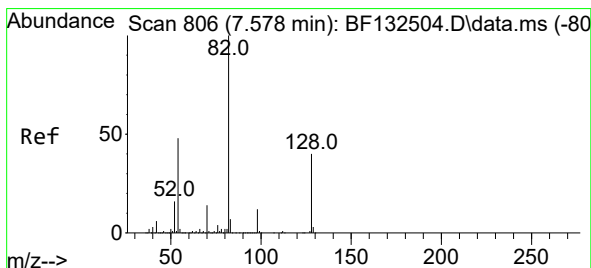
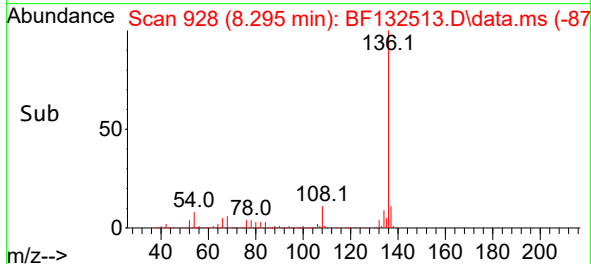
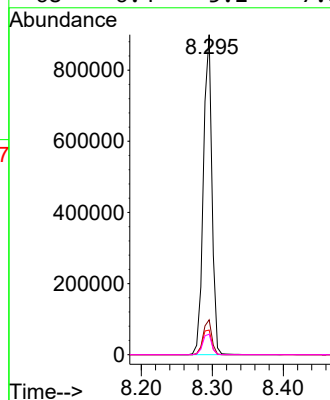
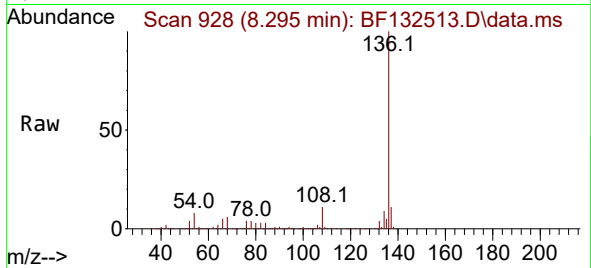




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

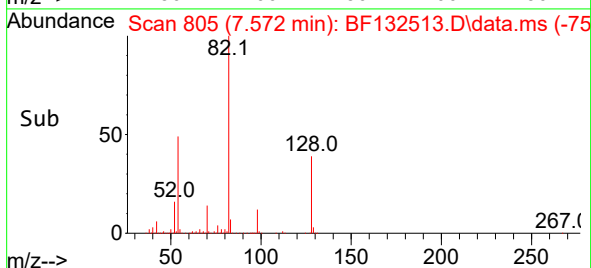
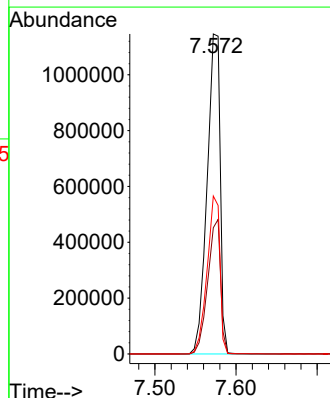
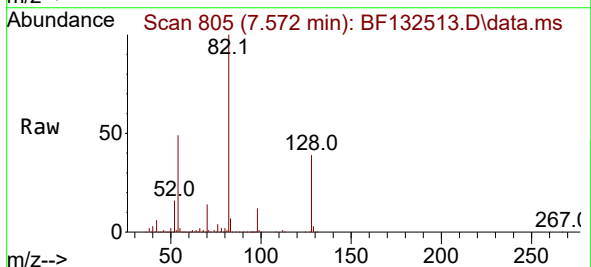
Instrument :
BNA_F
ClientSampleId :
PB150932BL

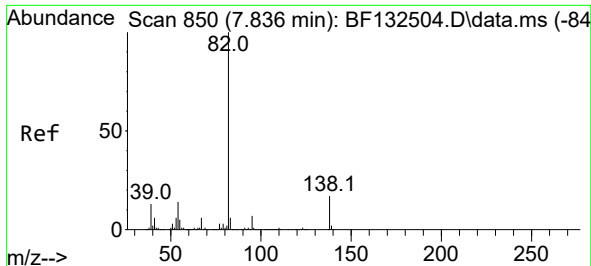
Tgt Ion:136 Resp: 756393
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.2 9.4
68 6.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.546 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion: 82 Resp: 1284127
Ion Ratio Lower Upper
82 100
128 39.4 32.2 48.2
54 49.3 38.4 57.6

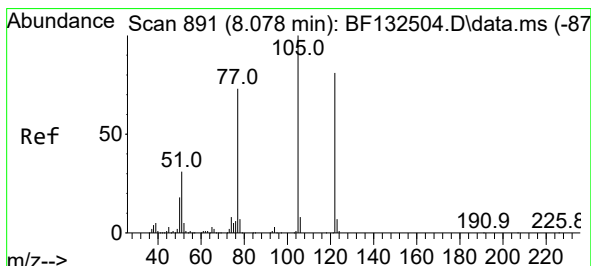
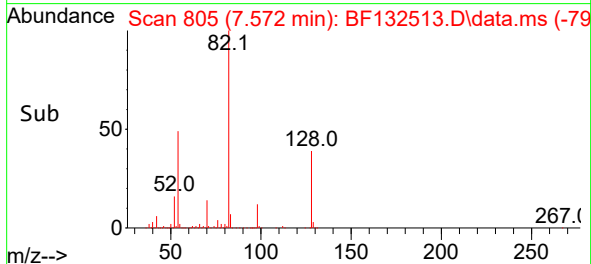
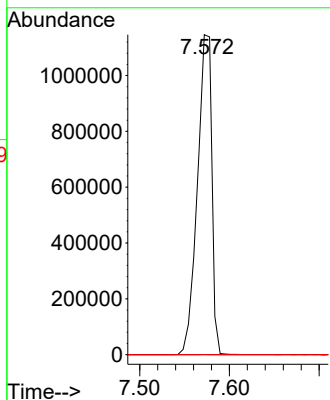
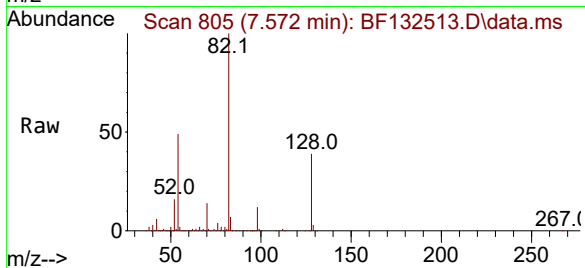




#25
Isophorone
Concen: 41.952 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

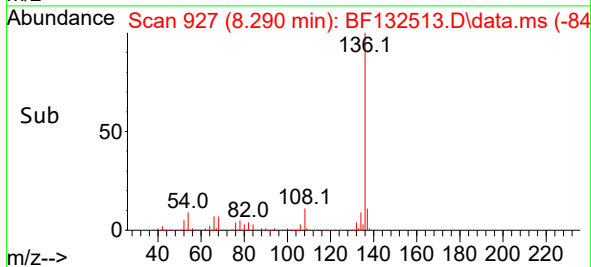
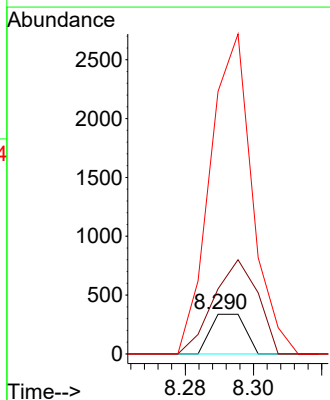
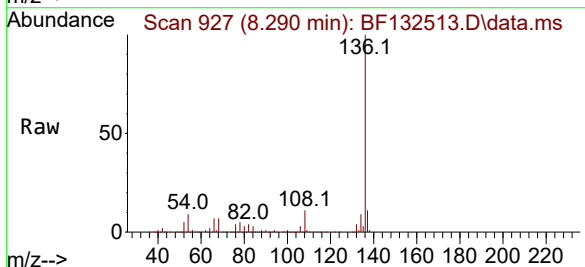
Instrument :
BNA_F
ClientSampleId :
PB150932BL

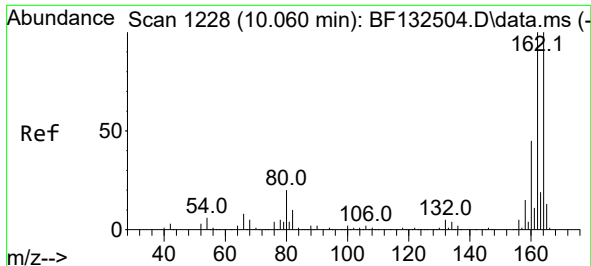
Tgt Ion: 82 Resp: 1282306
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.859 ng
RT: 8.290 min Scan# 927
Delta R.T. 0.212 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion: 122 Resp: 238
Ion Ratio Lower Upper
122 100
105 164.1 102.6 142.6#
77 662.0 70.2 110.2#

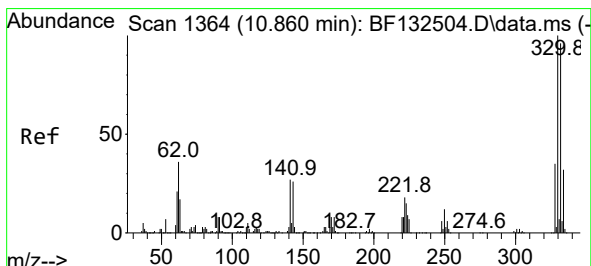
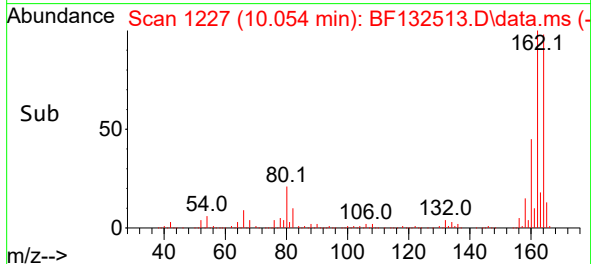
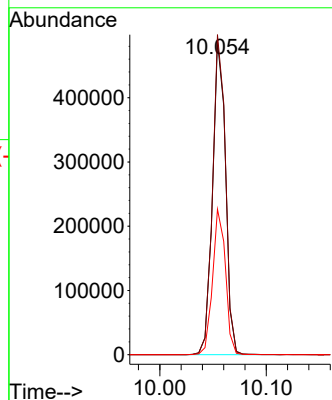
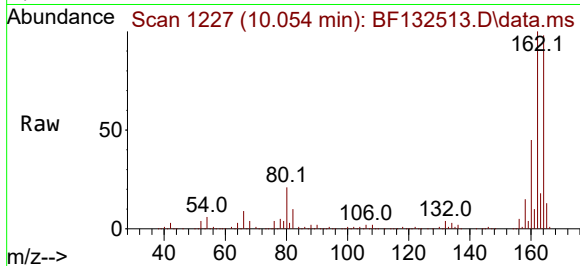




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

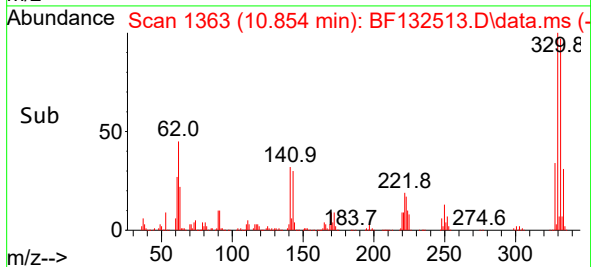
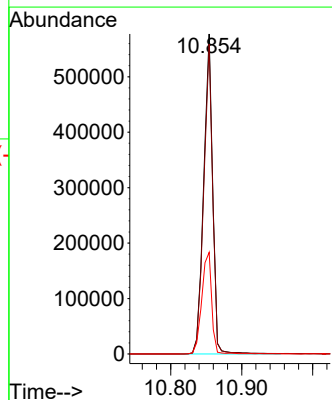
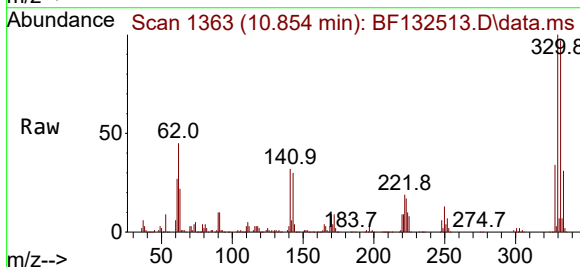
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BNA_F
ClientSampleId :
PB150932BL

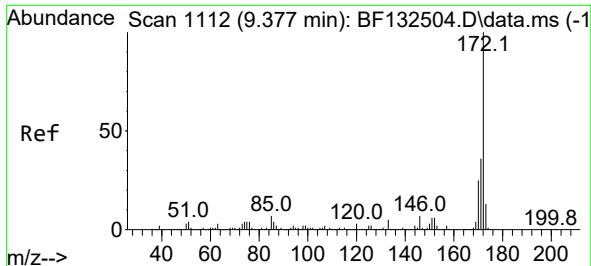
Tgt Ion:164 Resp: 414728
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 46.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 113.998 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion:330 Resp: 510584
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 35.2 28.4 42.6

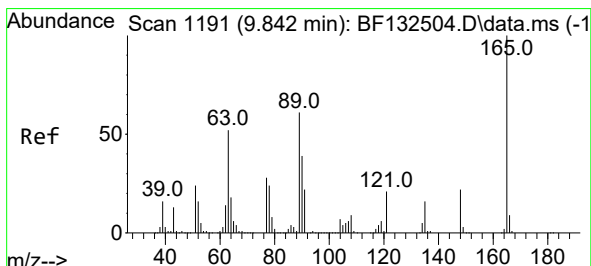
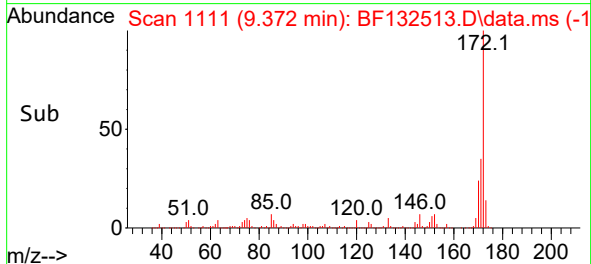
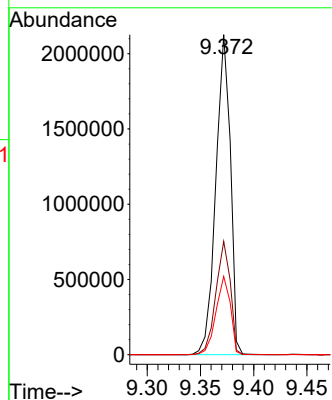
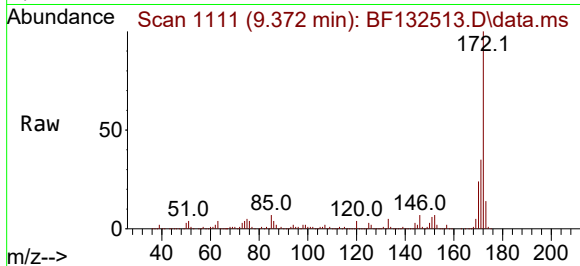




#45
2-Fluorobiphenyl
Concen: 73.832 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

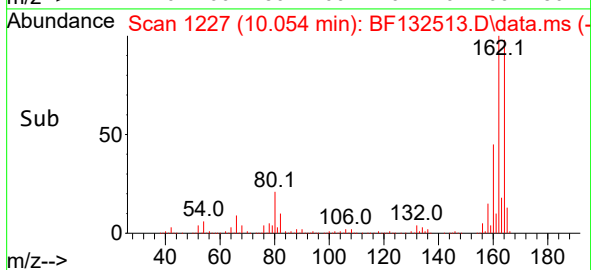
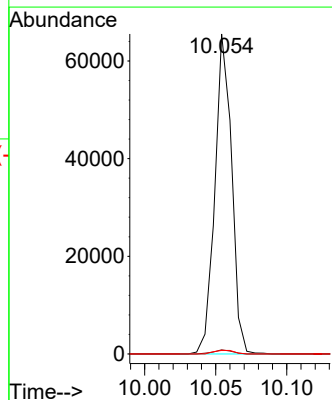
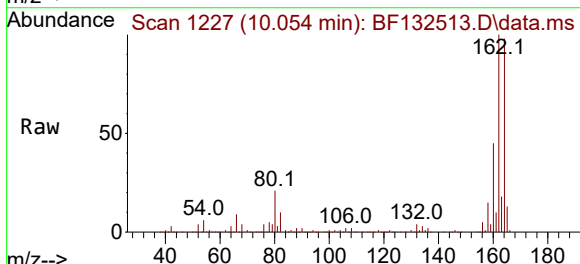
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BNA_F
ClientSampleId :
PB150932BL

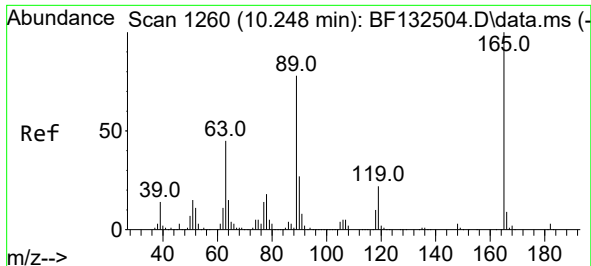
Tgt Ion:172 Resp: 2010970
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.827 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

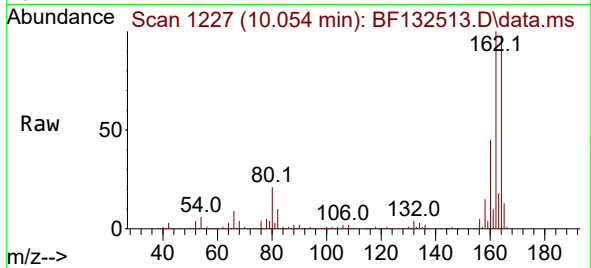
Tgt Ion:165 Resp: 53825
Ion Ratio Lower Upper
165 100
63 1.3 47.3 70.9#
89 1.1 48.9 73.3#



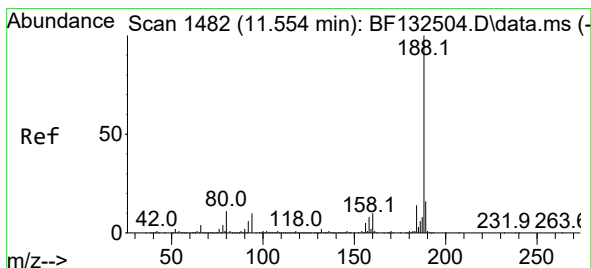
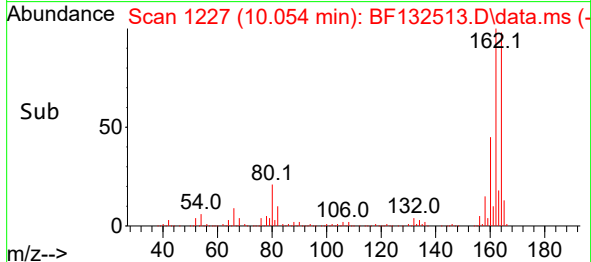
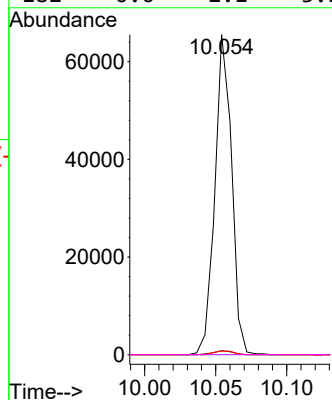


#57
2,4-Dinitrotoluene
Concen: 5.883 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Instrument :
BNA_F
ClientSampleId :
PB150932BL

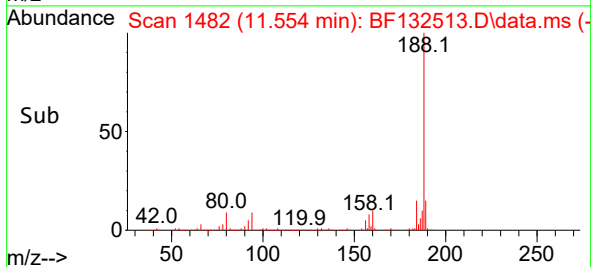
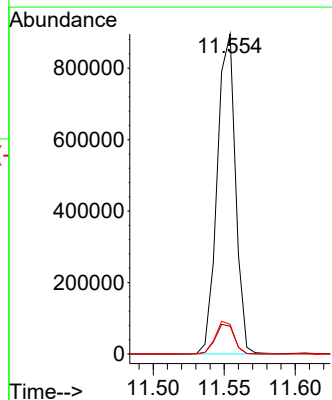
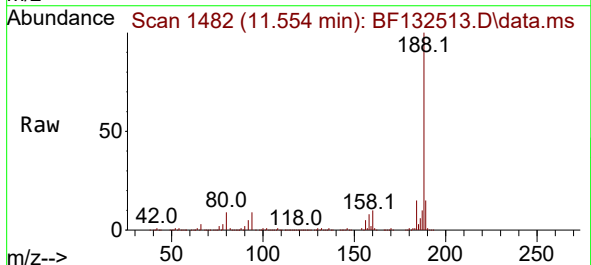


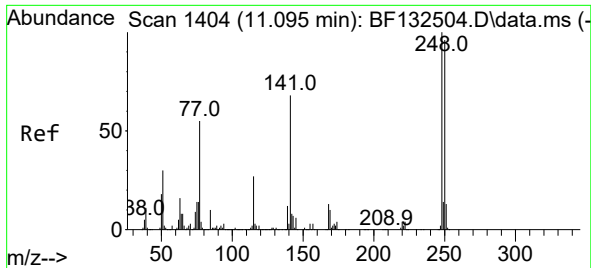
Tgt Ion:165 Resp: 53825
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion:188 Resp: 803343
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 9.2 8.7 13.1

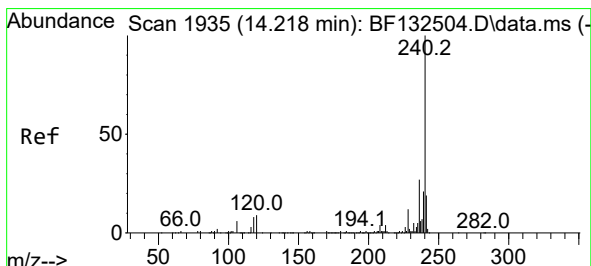
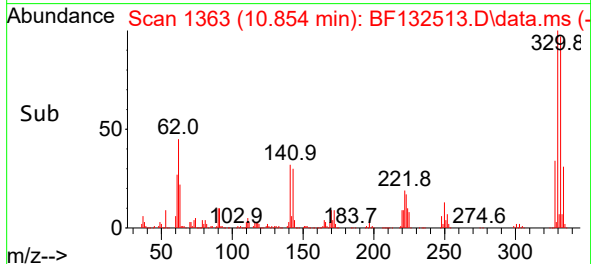
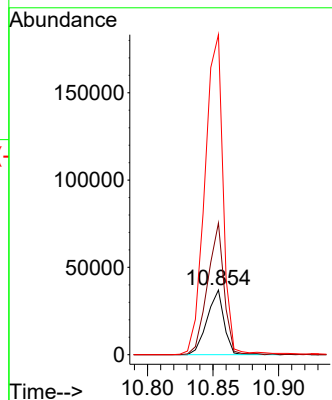
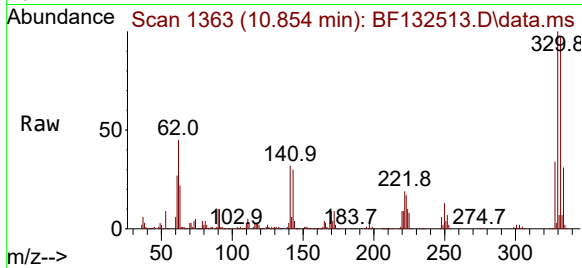




#67
4-Bromophenyl-phenylether
Concen: 3.678 ng
RT: 10.854 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

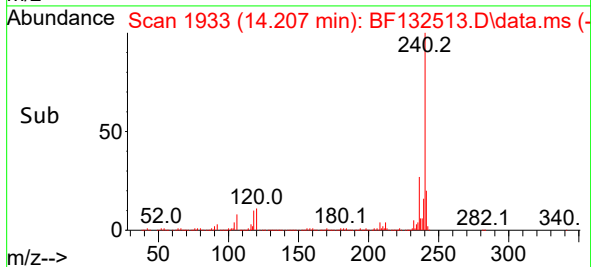
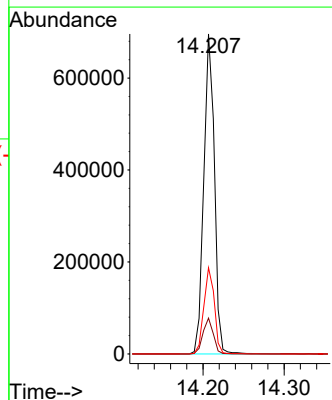
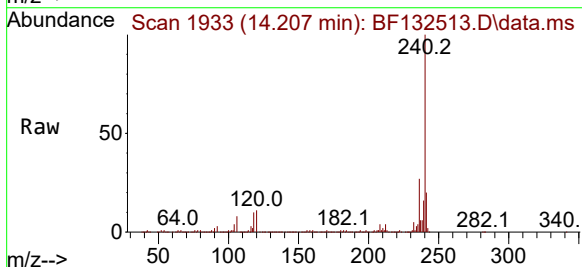
Instrument :
BNA_F
ClientSampleId :
PB150932BL

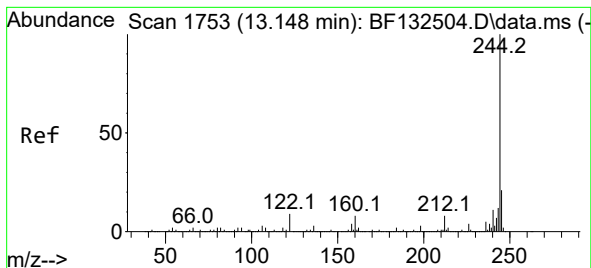
Tgt Ion:248 Resp: 33420
Ion Ratio Lower Upper
248 100
250 203.7 77.0 115.4#
141 494.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion:240 Resp: 631894
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 27.0 21.8 32.6





#79

Terphenyl-d14

Concen: 67.822 ng

RT: 13.148 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF132513.D

Acq: 22 Feb 2023 19:12

Instrument :

BNA_F

ClientSampleId :

PB150932BL

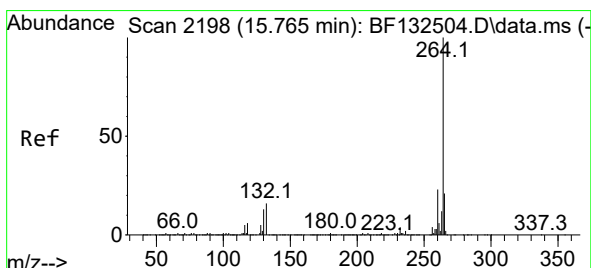
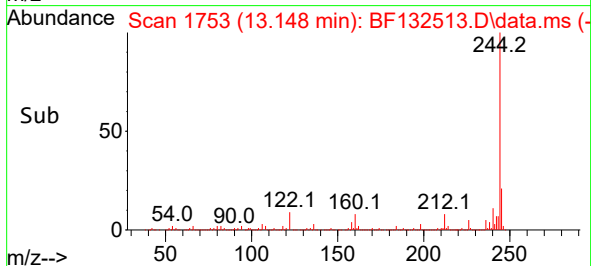
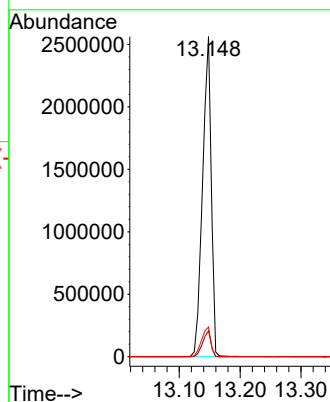
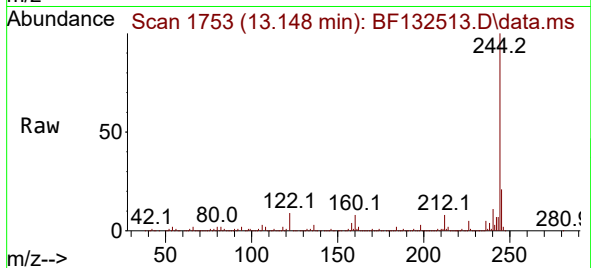
Tgt Ion:244 Resp: 2534760

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.766 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF132513.D

Acq: 22 Feb 2023 19:12

Tgt Ion:264 Resp: 573904

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.5 17.1 25.7

