

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132386.D
 Acq On : 09 Feb 2023 19:13
 Operator : CG\JU
 Sample : 01508-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-2

Quant Time: Feb 10 01:01:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

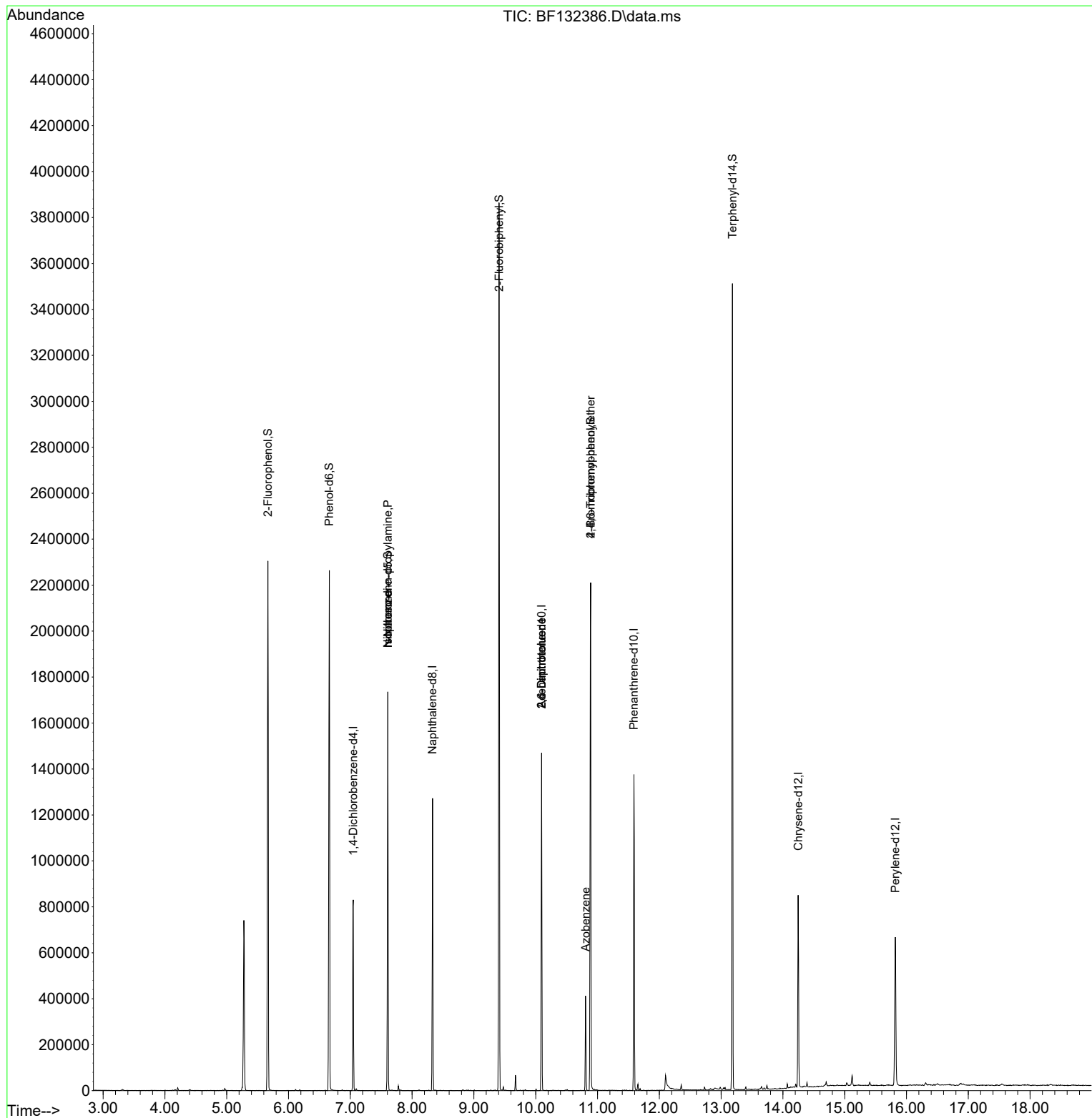
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	136805	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	522960	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	272454	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	496155	20.000	ng	0.00
76) Chrysene-d12	14.248	240	266038	20.000	ng	0.00
86) Perylene-d12	15.818	264	309528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	753333	88.513	ng	0.00
7) Phenol-d6	6.660	99	888239	84.652	ng	0.00
23) Nitrobenzene-d5	7.607	82	530178	56.415	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	293050	104.593	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1087834	61.658	ng	0.00
79) Terphenyl-d14	13.183	244	1142552	83.077	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.595	77	72	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.607	70	64832	10.878	ng	# 76
25) Isophorone	7.607	82	530167	29.723	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	35469	8.333	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	35469	6.415	ng	# 23
63) Azobenzene	10.807	77	63115	3.418	ng	# 1
67) 4-Bromophenyl-phenylether	10.889	248	16959	3.338	ng	# 1

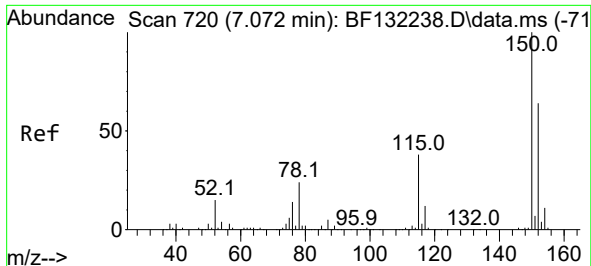
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

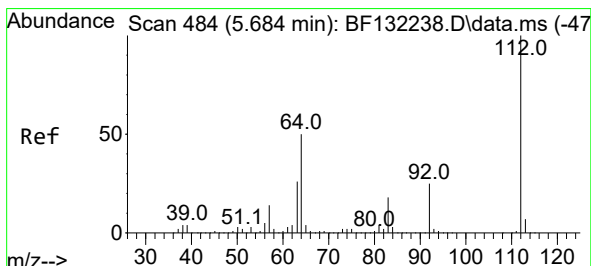
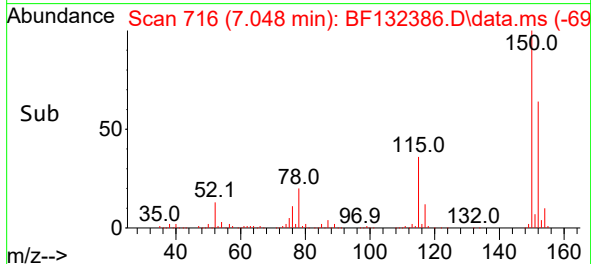
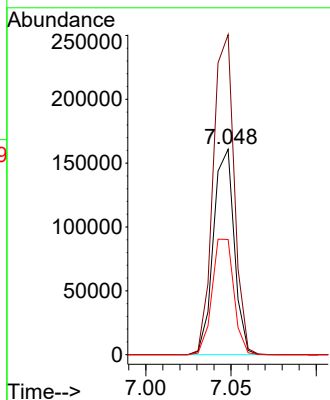
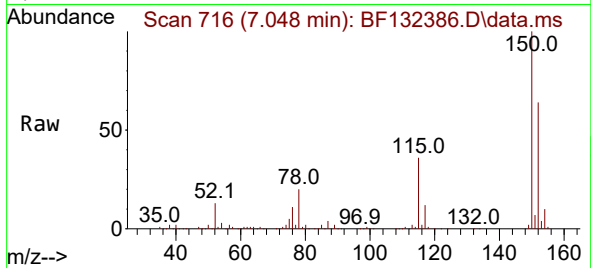




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132386.D
 Acq: 09 Feb 2023 19:13

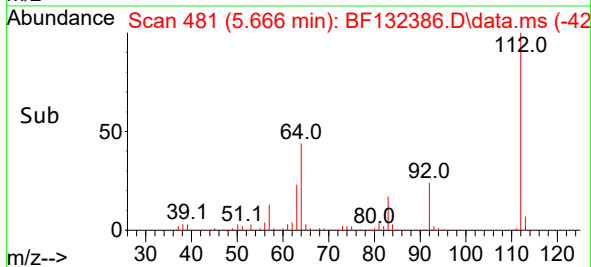
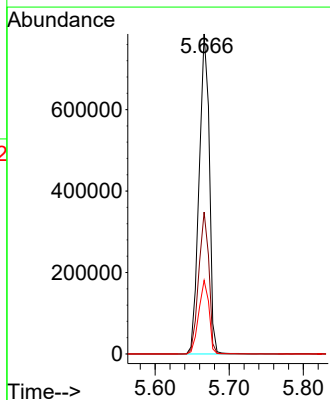
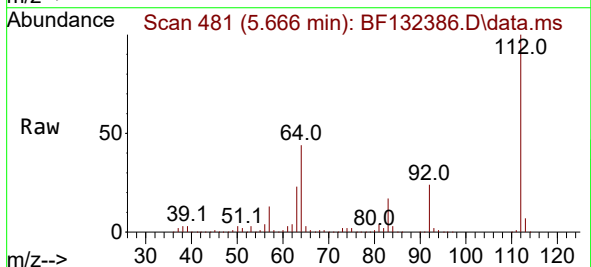
Instrument :
 BNA_F
 ClientSampleId :
 PA-2

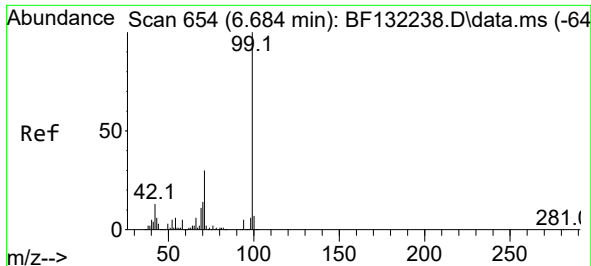
Tgt Ion:152 Resp: 136805
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 56.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 88.513 ng
 RT: 5.666 min Scan# 481
 Delta R.T. 0.006 min
 Lab File: BF132386.D
 Acq: 09 Feb 2023 19:13

Tgt Ion:112 Resp: 753333
 Ion Ratio Lower Upper
 112 100
 64 44.3 40.0 60.0
 63 23.0 20.5 30.7

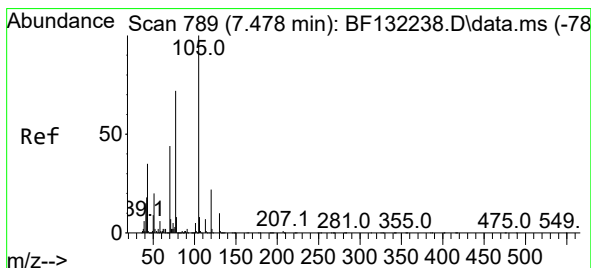
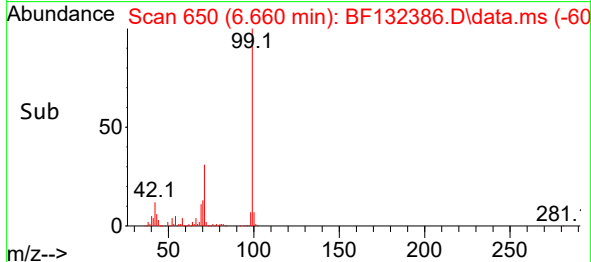
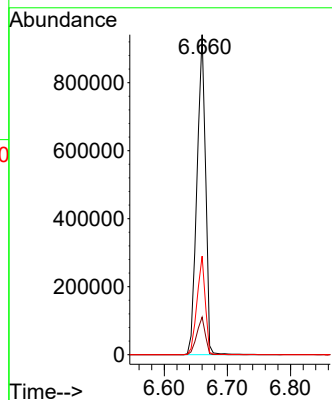
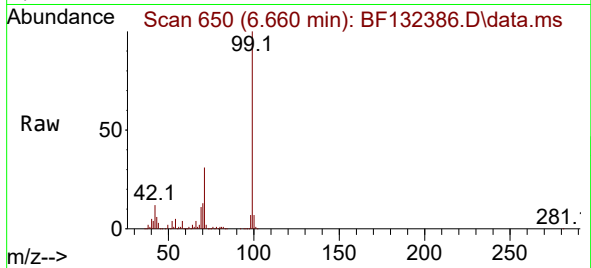




#7
Phenol-d6
Concen: 84.652 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

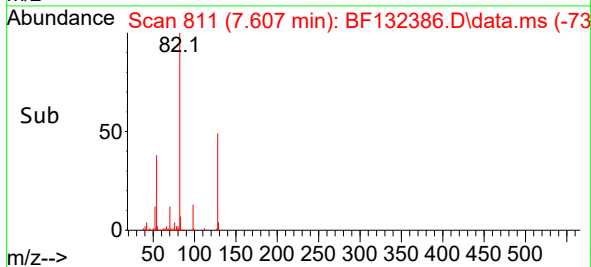
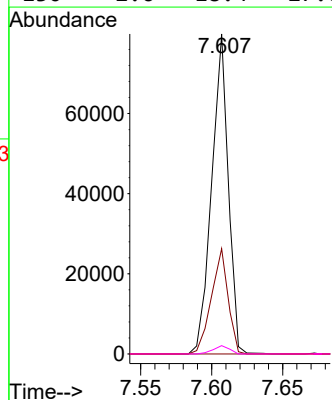
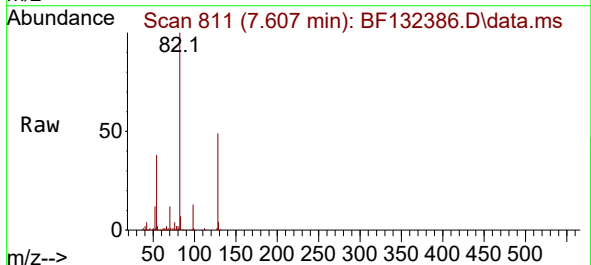
Instrument :
BNA_F
ClientSampleId :
PA-2

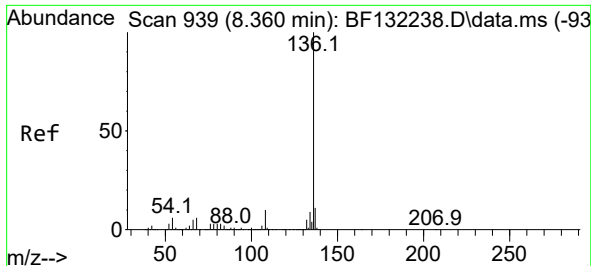
Tgt Ion: 99 Resp: 888239
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 30.8 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.878 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion: 70 Resp: 64832
Ion Ratio Lower Upper
70 100
42 32.9 33.4 50.0#
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#

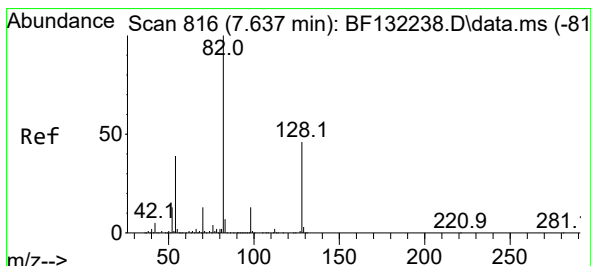
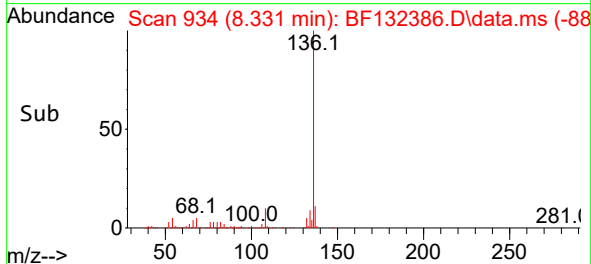
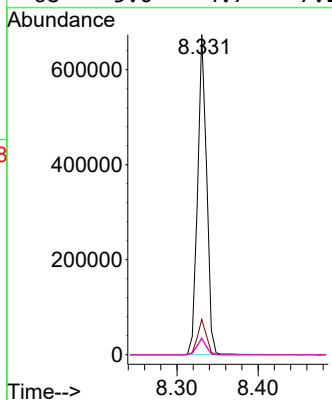
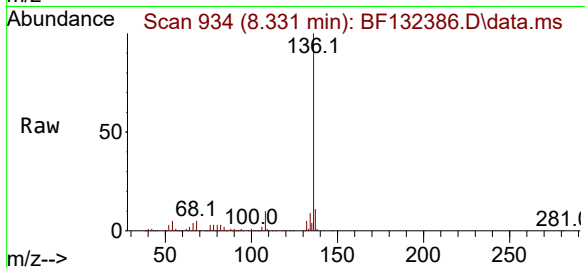




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

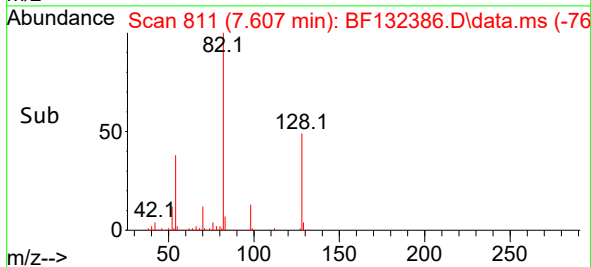
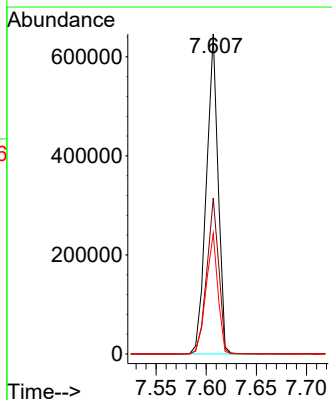
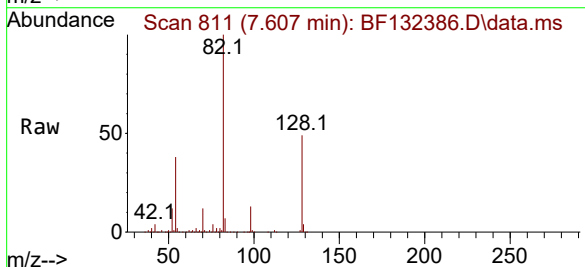
Instrument :
BNA_F
ClientSampleId :
PA-2

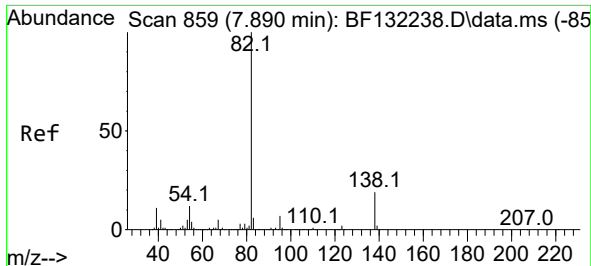
Tgt Ion:136 Resp: 522960
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 4.9 7.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 56.415 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion: 82 Resp: 530178
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 37.7 31.5 47.3

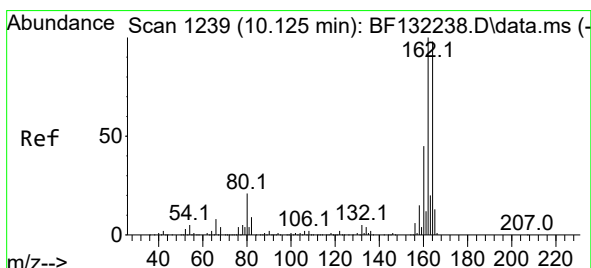
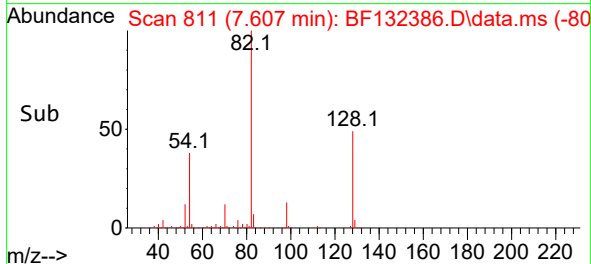
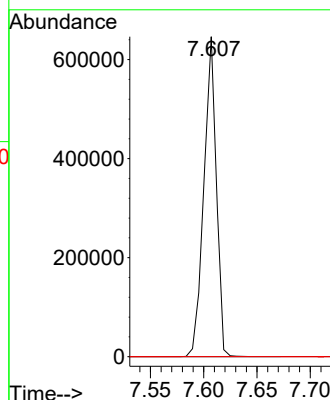
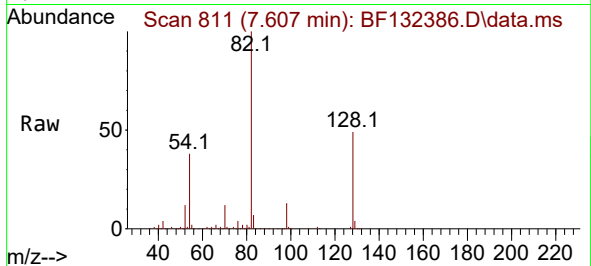




#25
Isophorone
Concen: 29.723 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

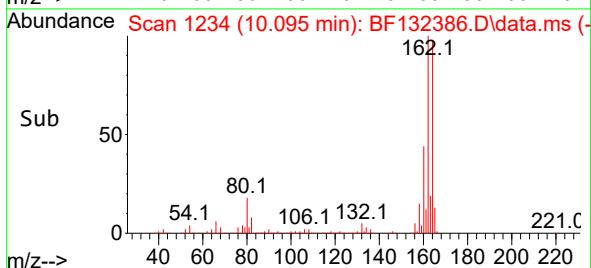
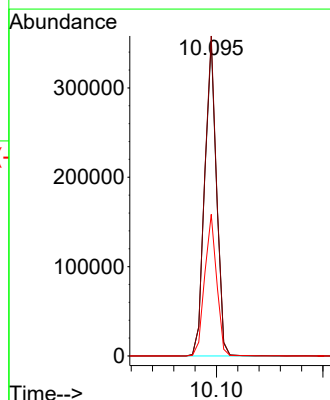
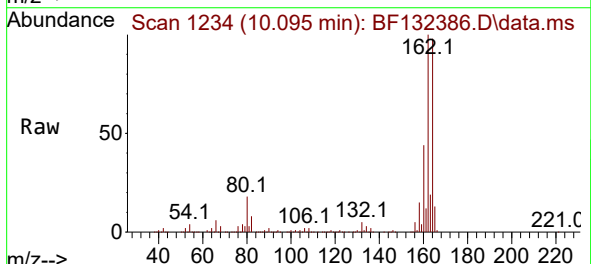
Instrument :
BNA_F
ClientSampleId :
PA-2

Tgt Ion: 82 Resp: 530167
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion:164 Resp: 272454
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 104.593 ng

RT: 10.889 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

Instrument :

BNA_F

ClientSampleId :

PA-2

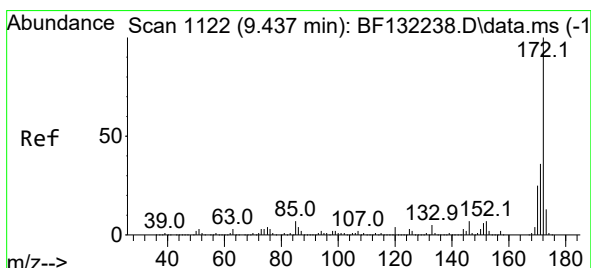
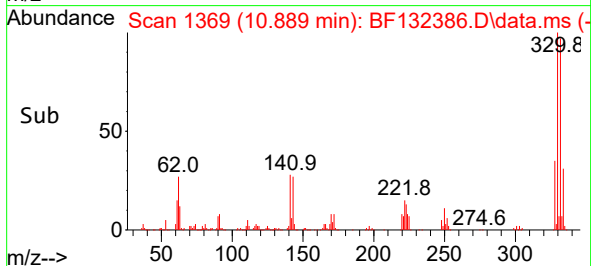
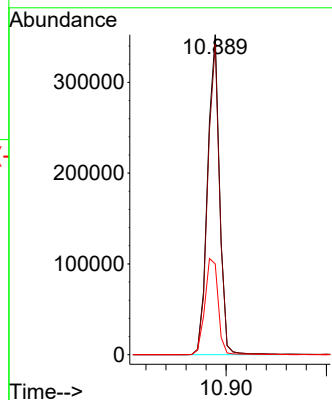
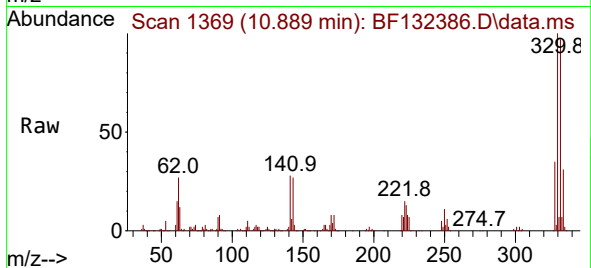
Tgt Ion:330 Resp: 293050

Ion Ratio Lower Upper

330 100

332 96.9 77.9 116.9

141 33.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 61.658 ng

RT: 9.407 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

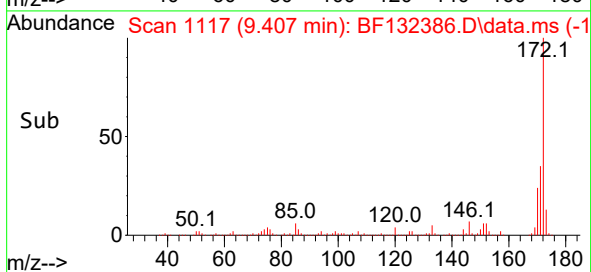
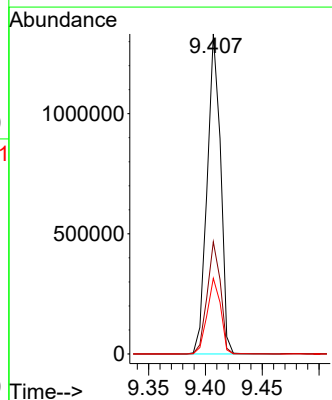
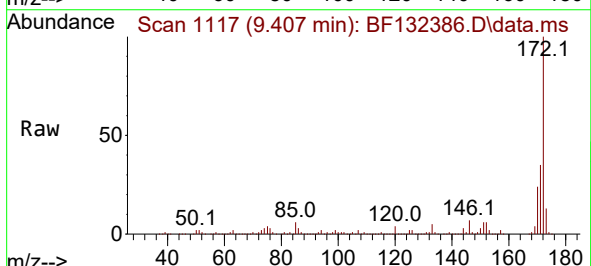
Tgt Ion:172 Resp: 1087834

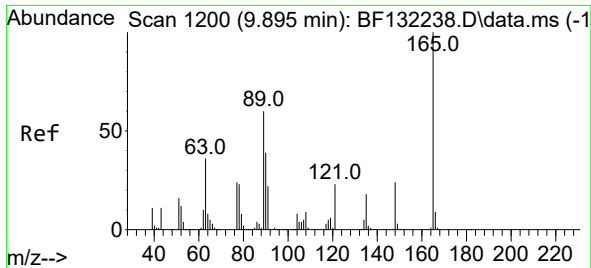
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.6 19.7 29.5

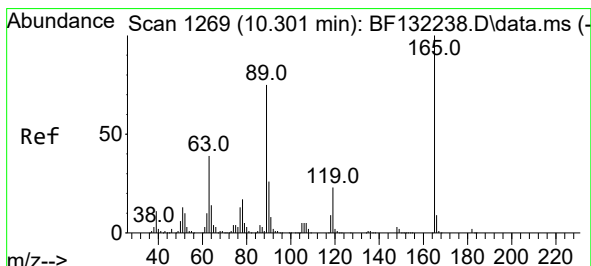
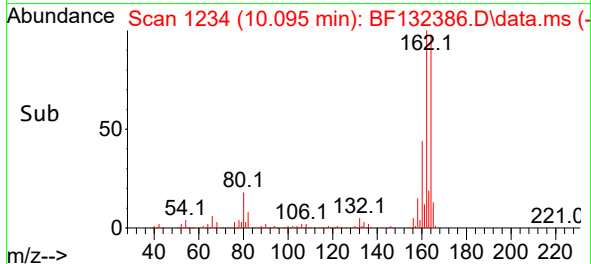
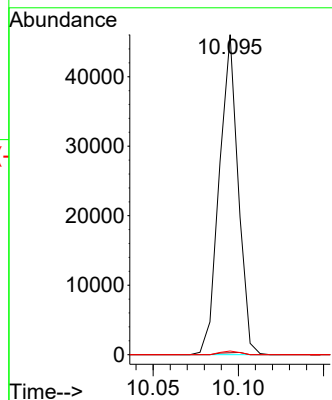
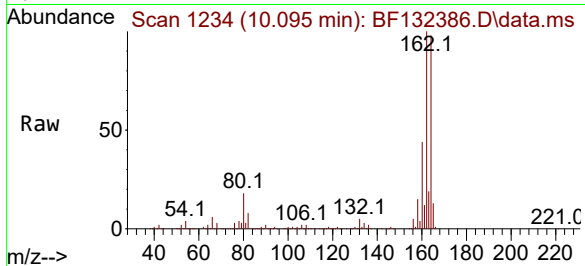




#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 10.095 min Scan# 1234
Delta R.T. 0.218 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

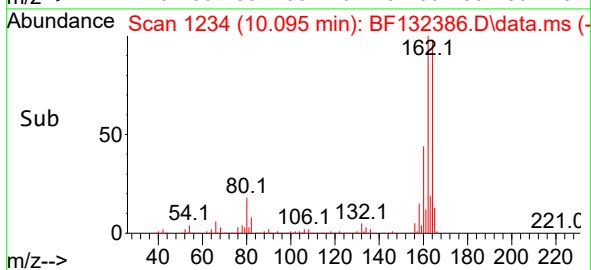
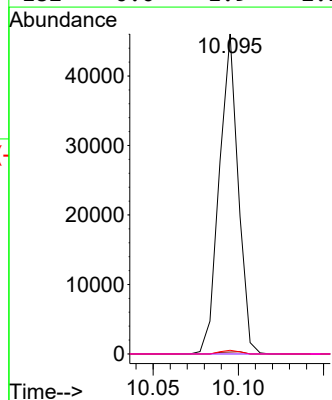
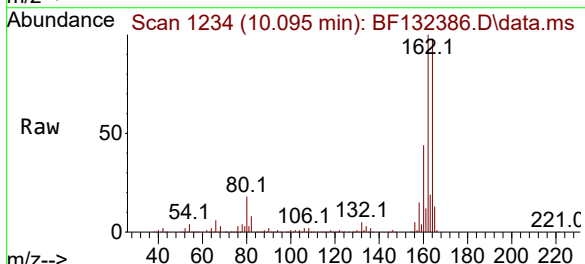
Instrument :
BNA_F
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PA-2

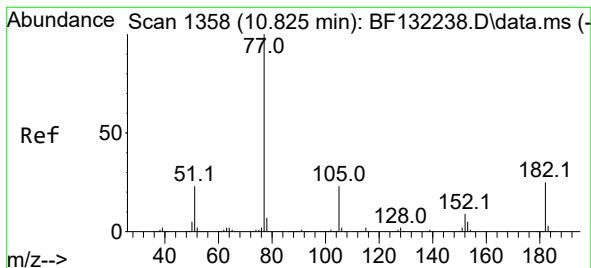
Tgt Ion:165 Resp: 35469
Ion Ratio Lower Upper
165 100
63 0.6 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion:165 Resp: 35469
Ion Ratio Lower Upper
165 100
63 0.6 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#





#63

Azobenzene

Concen: 3.418 ng

RT: 10.807 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

Instrument :

BNA_F

ClientSampleId :

PA-2

Tgt Ion: 77 Resp: 63115

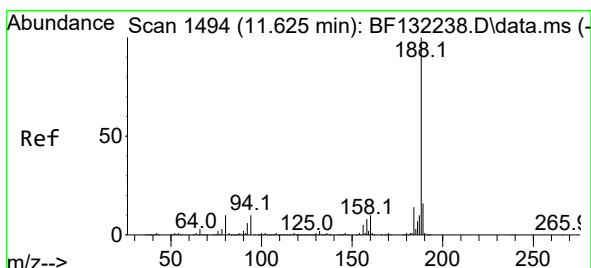
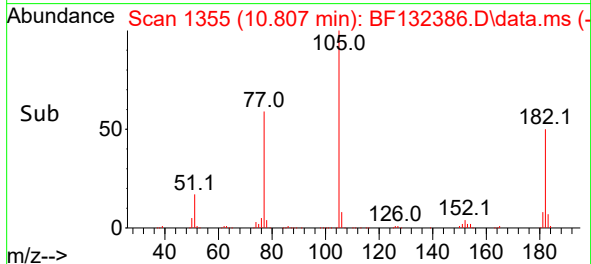
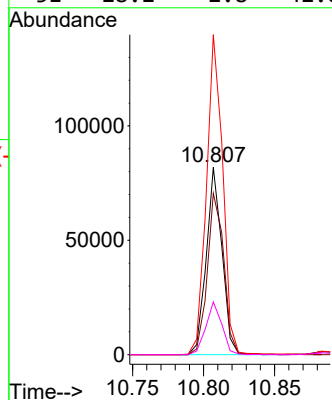
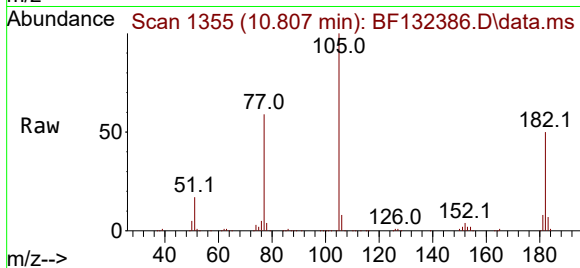
Ion Ratio Lower Upper

77 100

182 86.1 4.5 44.5#

105 170.7 2.7 42.7#

51 28.2 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.589 min Scan# 1488

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

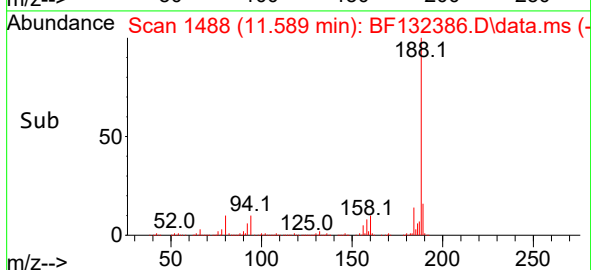
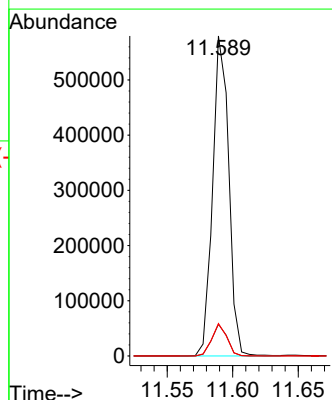
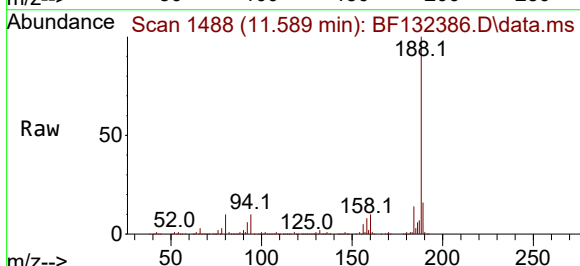
Tgt Ion:188 Resp: 496155

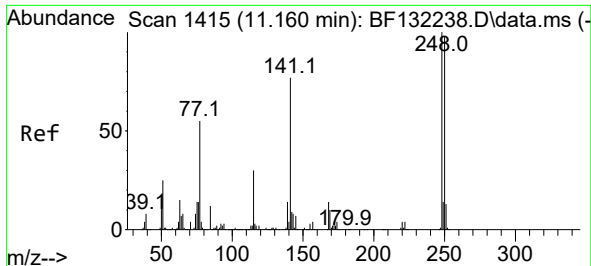
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.2 8.3 12.5

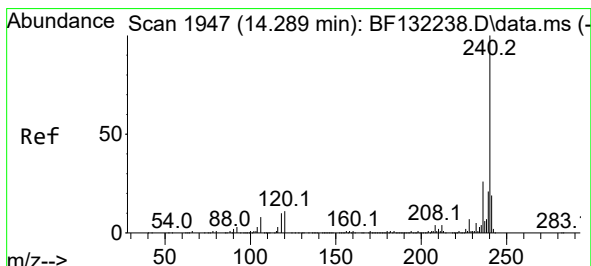
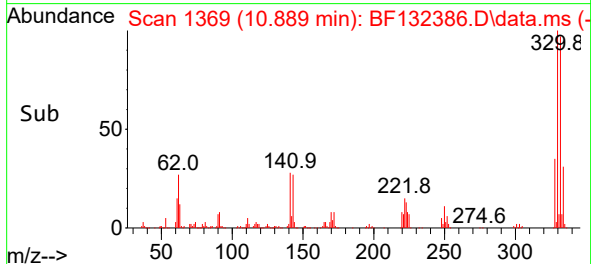
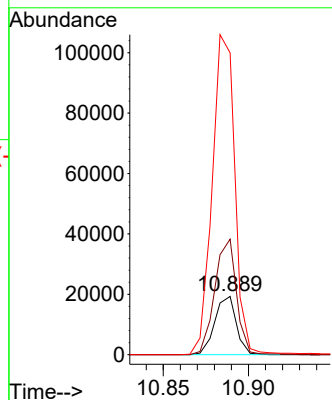
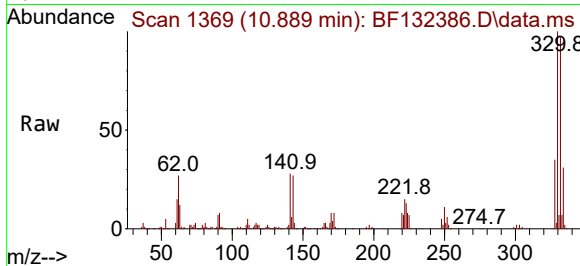




#67
4-Bromophenyl-phenylether
Concen: 3.338 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

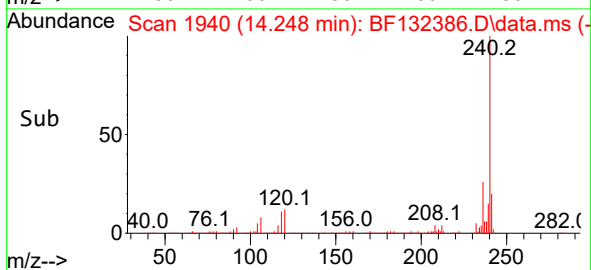
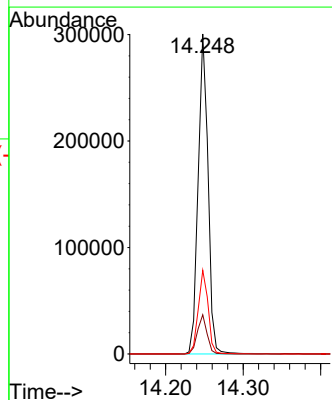
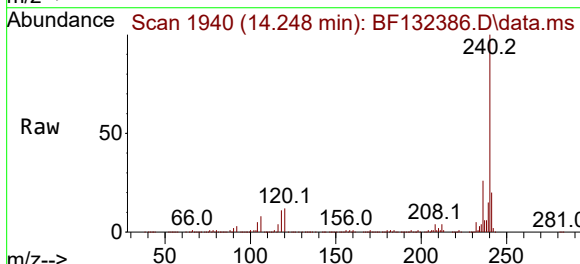
Instrument :
BNA_F
ClientSampleId :
PA-2

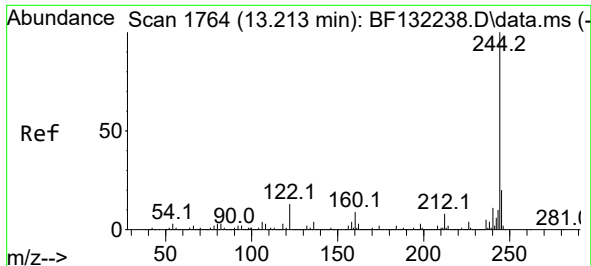
Tgt Ion:248 Resp: 16959
Ion Ratio Lower Upper
248 100
250 198.4 78.6 117.8#
141 517.7 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion:240 Resp: 266038
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.1 21.0 31.6

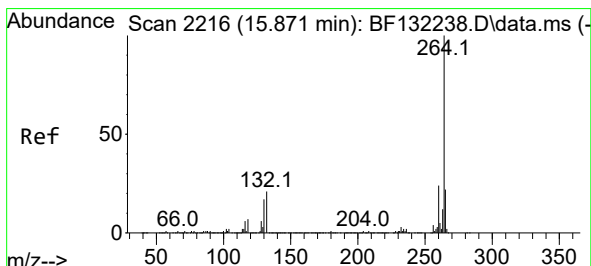
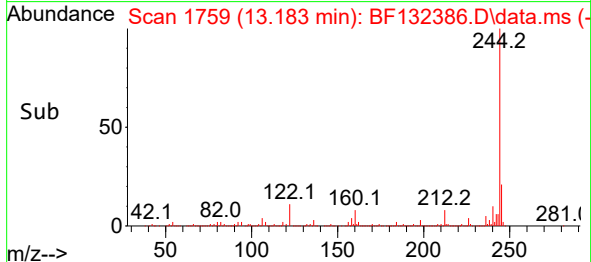
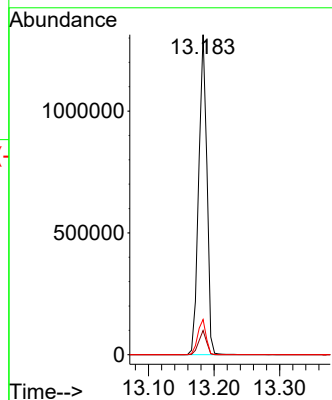
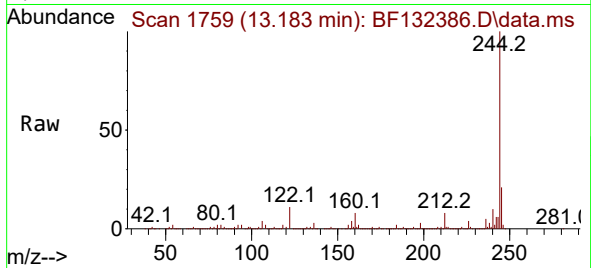




#79
 Terphenyl-d14
 Concen: 83.077 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132386.D
 Acq: 09 Feb 2023 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PA-2

Tgt Ion:244 Resp: 1142552
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 11.0 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132386.D
 Acq: 09 Feb 2023 19:13

Tgt Ion:264 Resp: 309528
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.3 17.4 26.2

