

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136448.D
 Acq On : 07 Dec 2023 15:50
 Operator : CG\JU
 Sample : 05630-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-120523

Quant Time: Dec 07 16:33:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

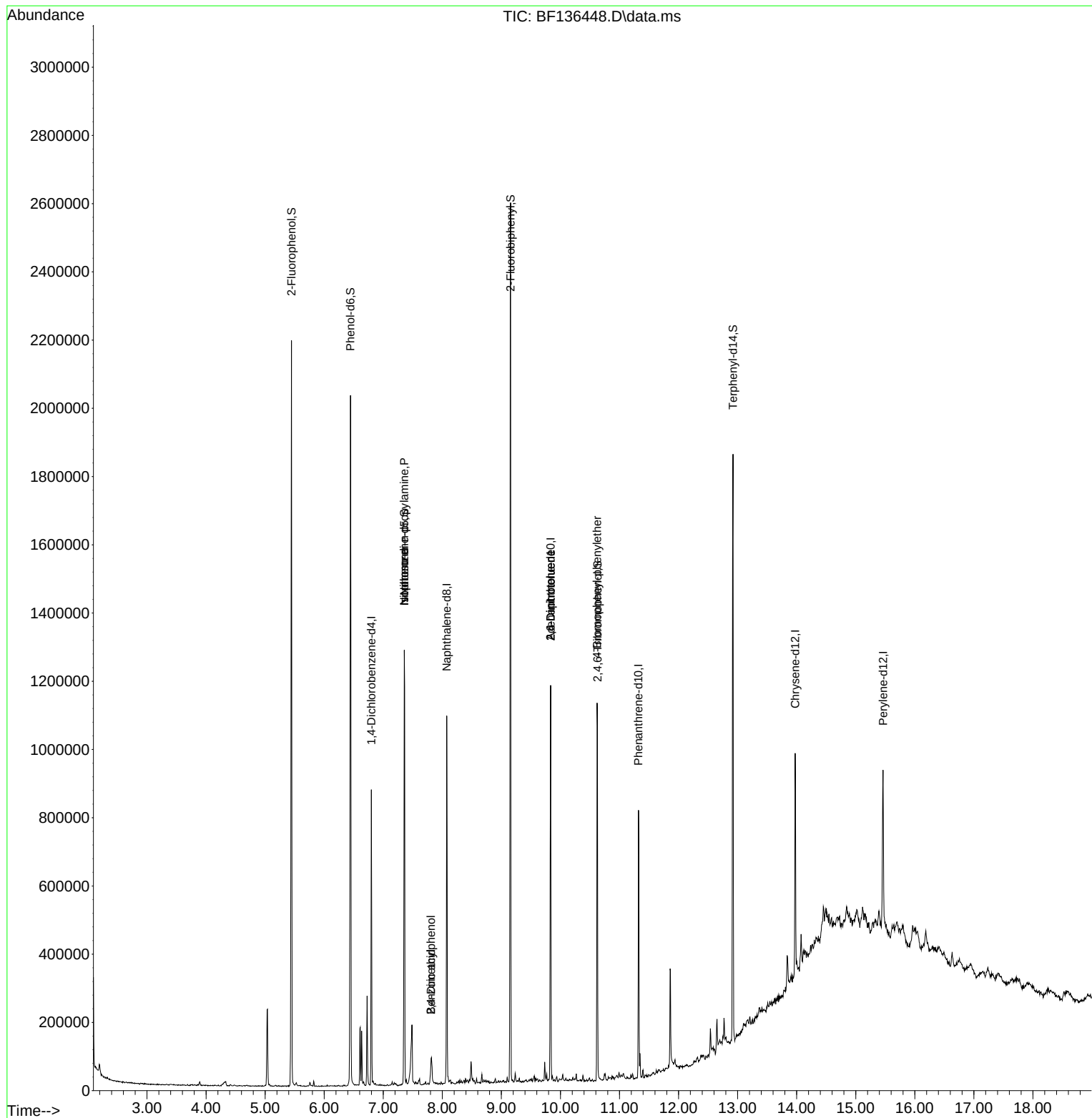
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	115807	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	452222	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	205367	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	282301	20.000	ng	0.00
76) Chrysene-d12	13.974	240	217497	20.000	ng	0.00
86) Perylene-d12	15.462	264	225332	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	590279	75.275	ng	0.01
7) Phenol-d6	6.445	99	727829	74.393	ng	0.00
23) Nitrobenzene-d5	7.357	82	430254	51.434	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	142593	56.312	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	801562	53.257	ng	0.00
79) Terphenyl-d14	12.921	244	589524	35.726	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.351	77	218	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.357	70	56021	9.926	ng	# 77
25) Isophorone	7.357	82	430248	28.628	ng	# 65
27) 2,4-Dimethylphenol	7.810	122	20514	4.021	ng	# 5
32) Benzoic acid	7.810	122	20514	4.054	ng	# 95
51) 2,6-Dinitrotoluene	9.833	165	26964	7.927	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	26964	5.992	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	8833	2.691	ng	# 1
77) Benzidine	12.627	184	316	Below Cal	#	1

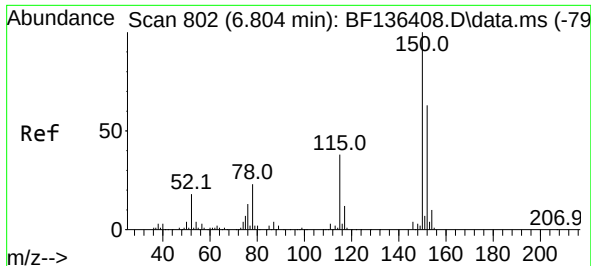
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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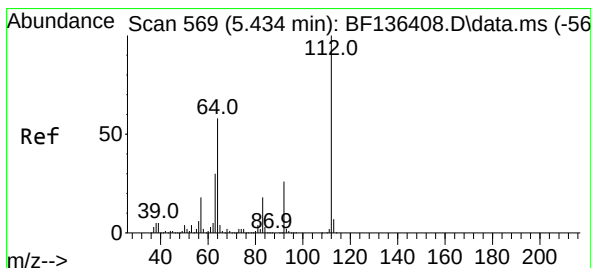
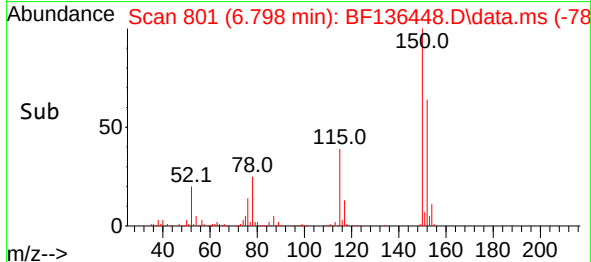
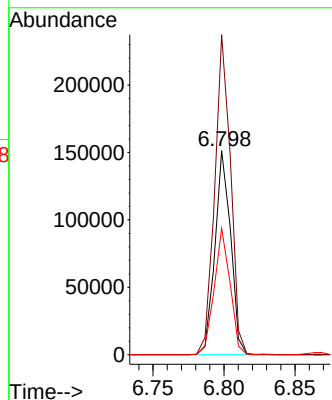
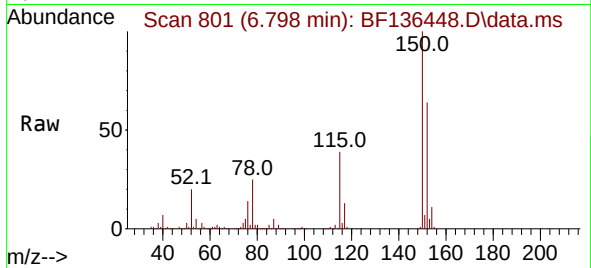




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

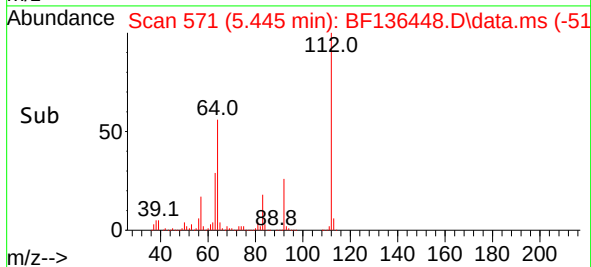
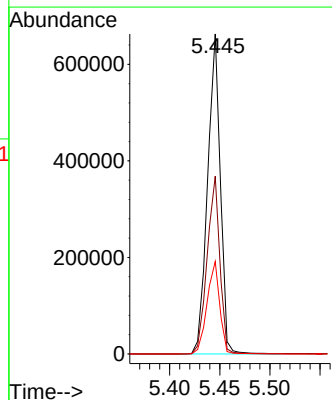
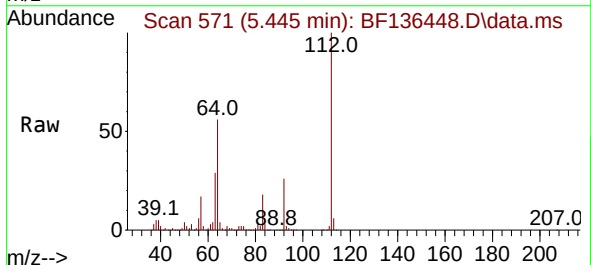
Instrument :
BNA_F
ClientSampleId :
EO-01-120523

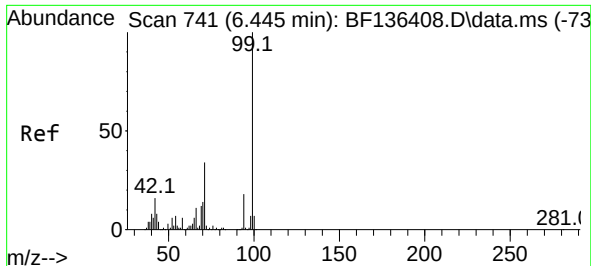
Tgt Ion:152 Resp: 115807
Ion Ratio Lower Upper
152 100
150 156.8 126.4 189.6
115 61.9 48.2 72.4



#5
2-Fluorophenol
Concen: 75.275 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion:112 Resp: 590279
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 28.9 23.9 35.9

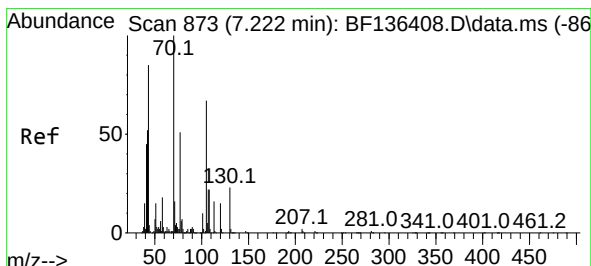
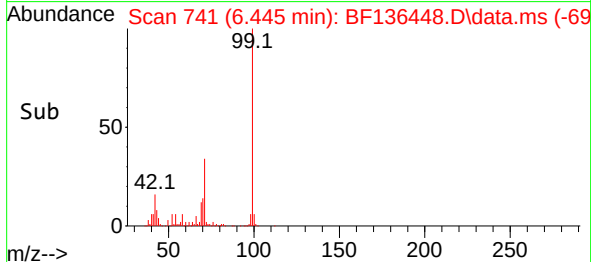
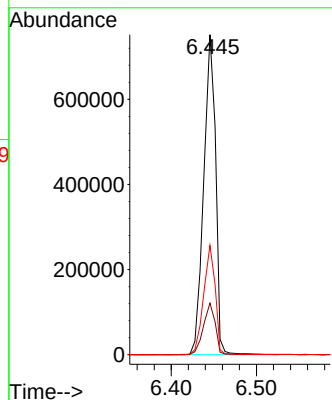
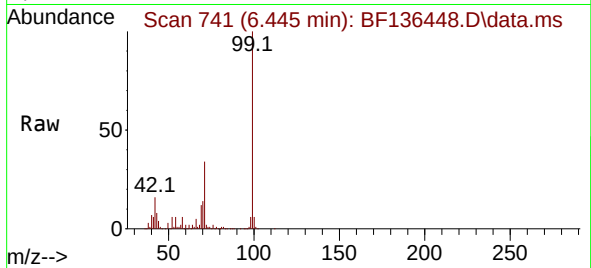




#7
Phenol-d6
Concen: 74.393 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

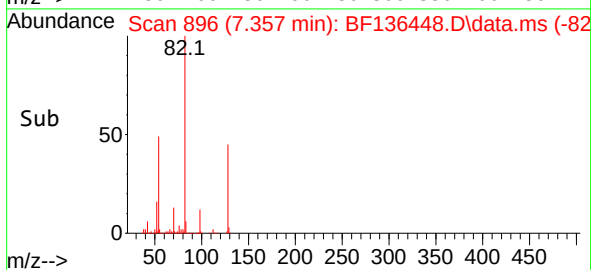
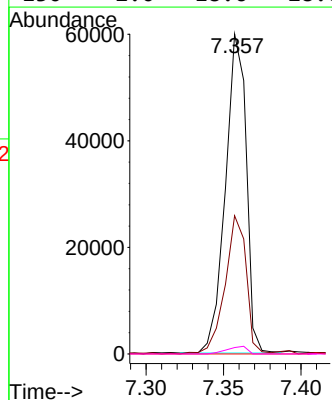
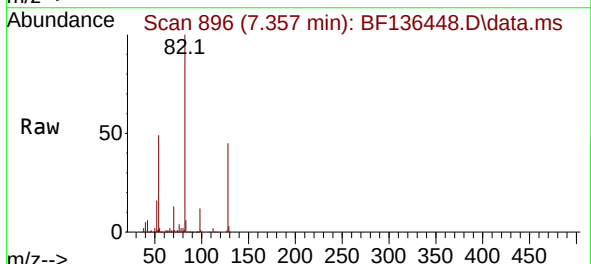
Instrument :
BNA_F
ClientSampleId :
EO-01-120523

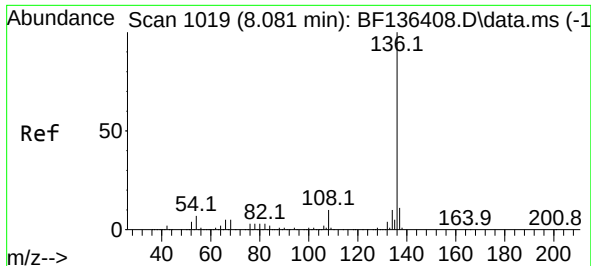
Tgt Ion: 99 Resp: 727829
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 34.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.926 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion: 70 Resp: 56021
Ion Ratio Lower Upper
70 100
42 43.2 41.4 62.0
101 0.0 8.2 12.4#
130 2.0 18.6 28.0#



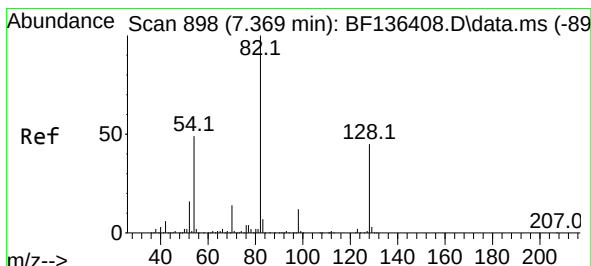
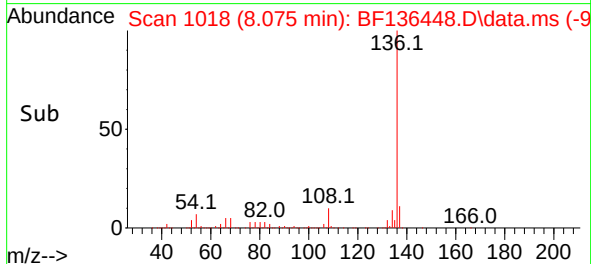
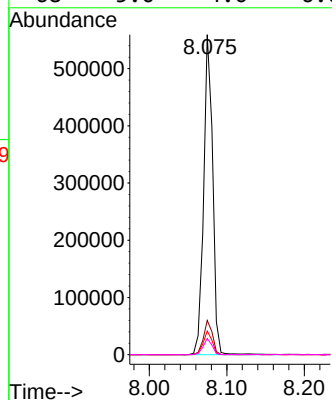
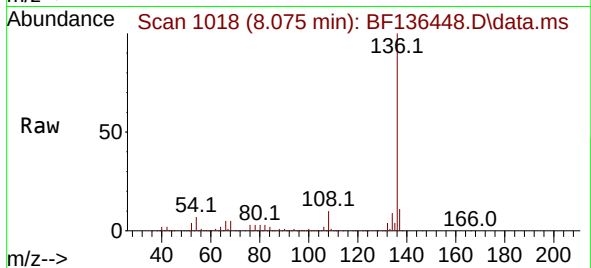


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Instrument :
BNA_F
ClientSampleId :
EO-01-120523

Tgt Ion:136 Resp: 452222

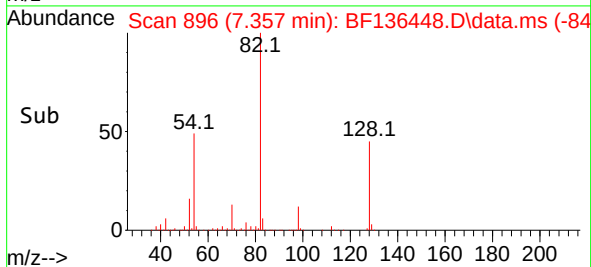
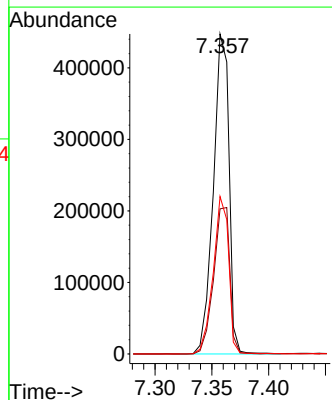
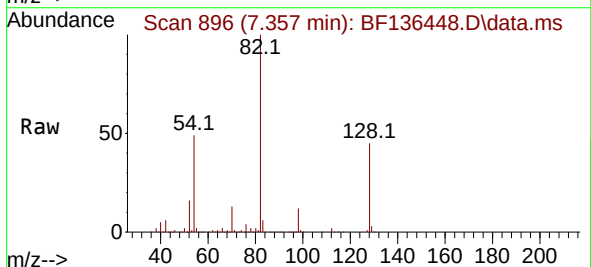
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.4	5.7	8.5
68	5.0	4.0	6.0

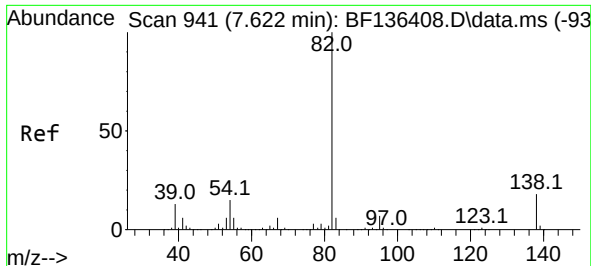


#23
Nitrobenzene-d5
Concen: 51.434 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion: 82 Resp: 430254

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	49.2	39.0	58.6

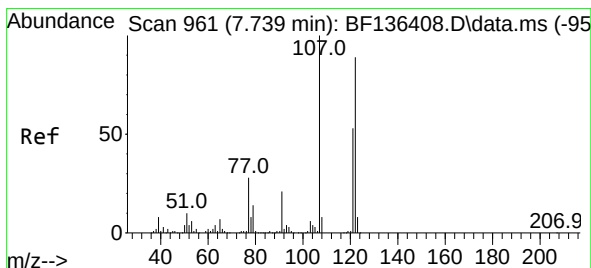
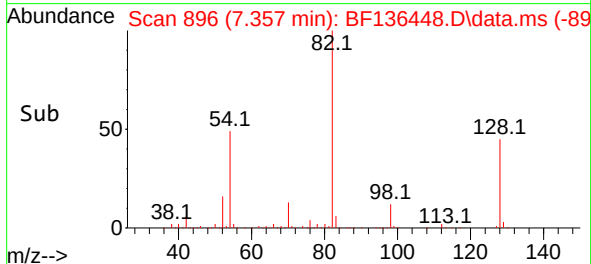
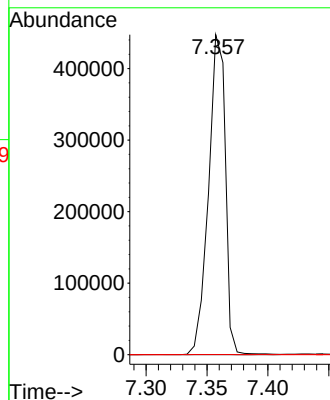
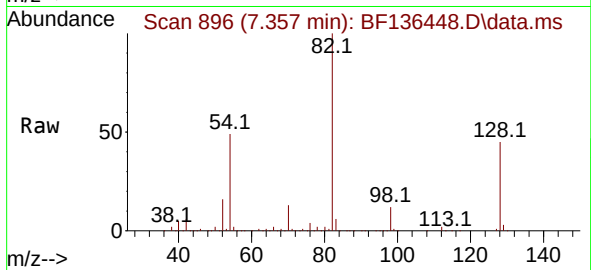




#25
Isophorone
Concen: 28.628 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

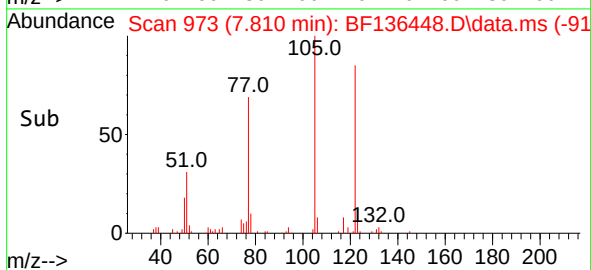
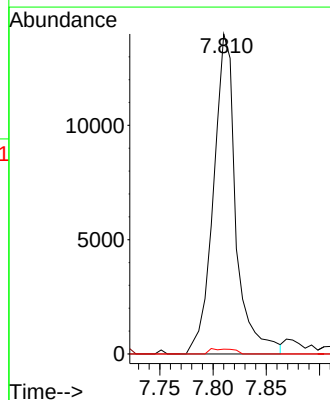
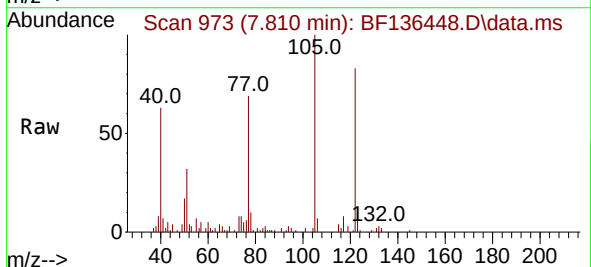
Instrument :
BNA_F
ClientSampleId :
EO-01-120523

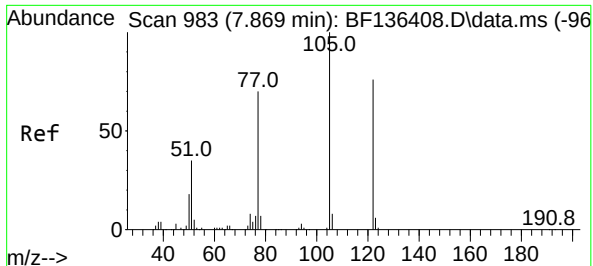
Tgt Ion: 82 Resp: 430248
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.5 21.7#



#27
2,4-Dimethylphenol
Concen: 4.021 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.071 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion:122 Resp: 20514
Ion Ratio Lower Upper
122 100
107 0.0 89.3 133.9#
121 1.5 47.6 71.4#

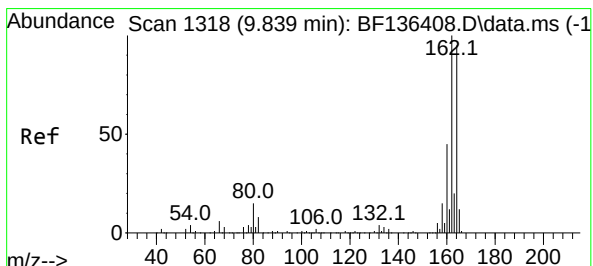
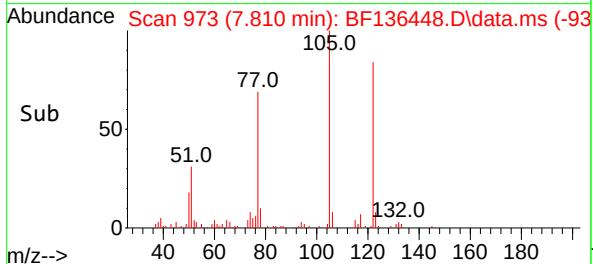
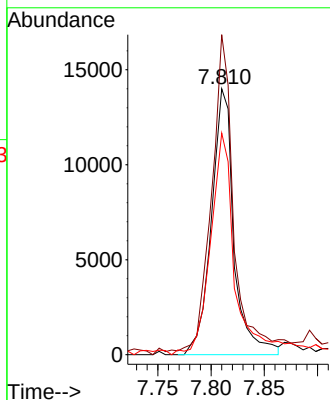
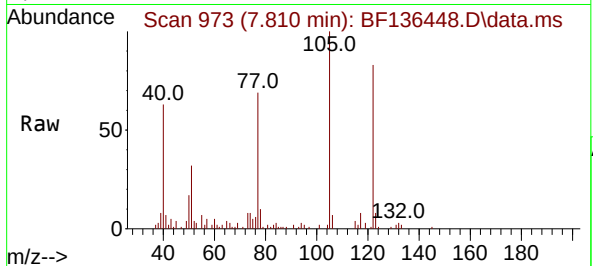




#32
Benzoic acid
Concen: 4.054 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

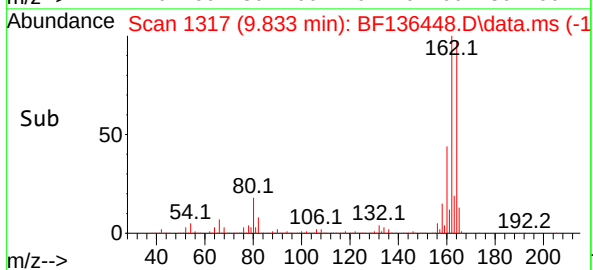
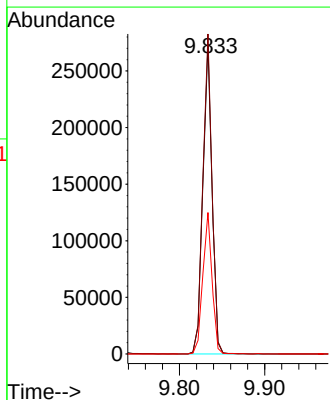
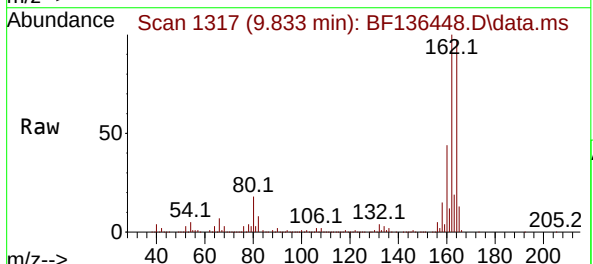
Instrument :
BNA_F
ClientSampleId :
EO-01-120523

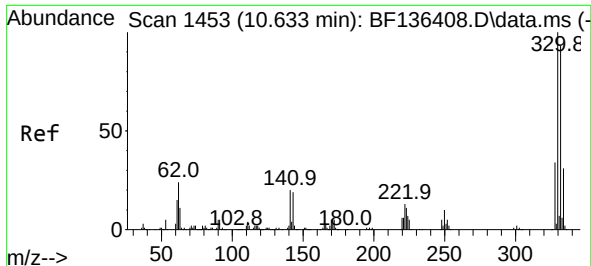
Tgt Ion:122 Resp: 20514
Ion Ratio Lower Upper
122 100
105 120.4 104.7 144.7
77 83.3 68.5 108.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion:164 Resp: 205367
Ion Ratio Lower Upper
164 100
162 103.3 84.4 126.6
160 45.6 37.6 56.4

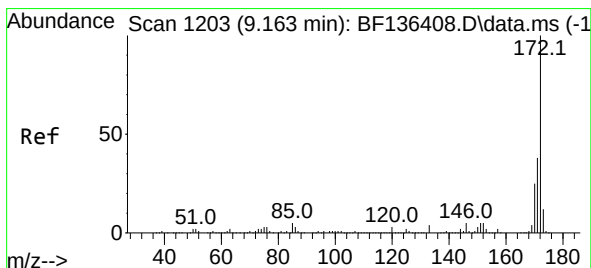
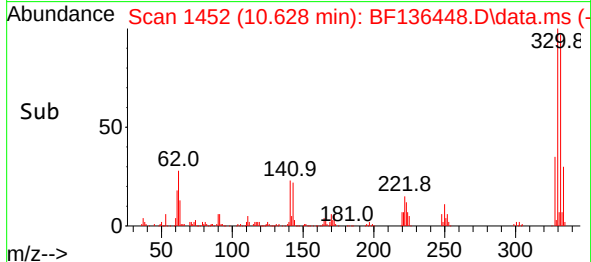
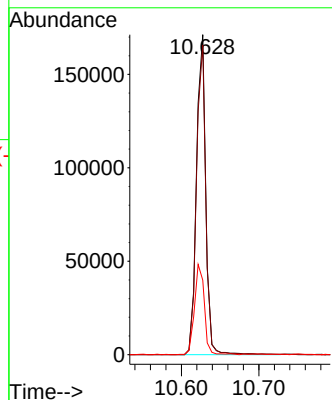
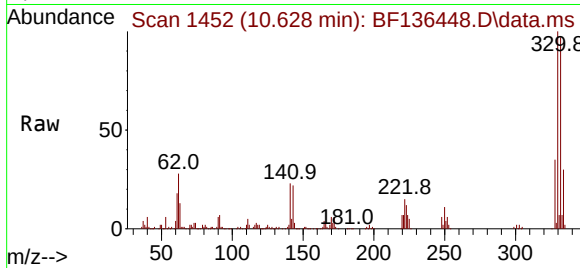




#42
2,4,6-Tribromophenol
Concen: 56.312 ng
RT: 10.628 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

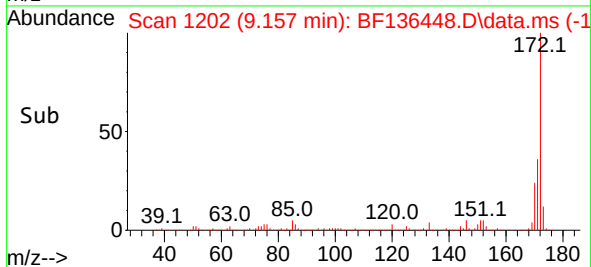
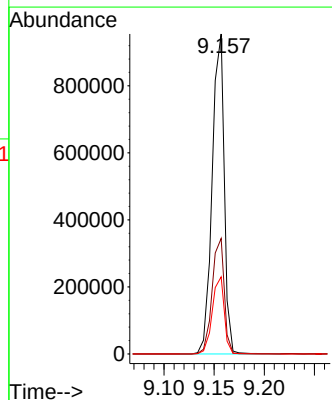
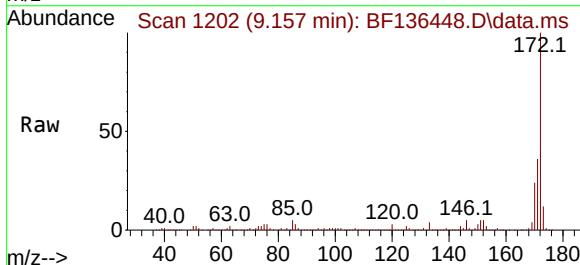
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ClientSampleId :
EO-01-120523

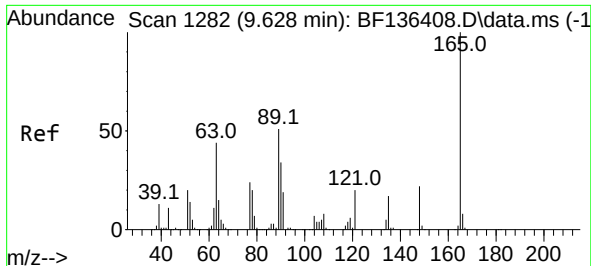
Tgt Ion: 330 Resp: 142593
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 29.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 53.257 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion: 172 Resp: 801562
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 24.1 19.9 29.9

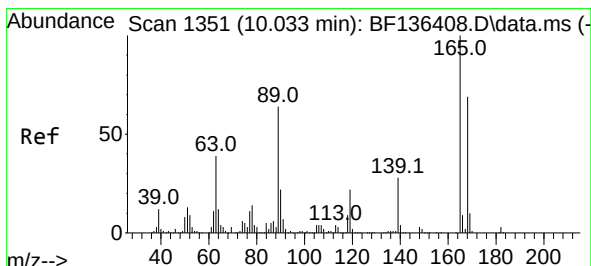
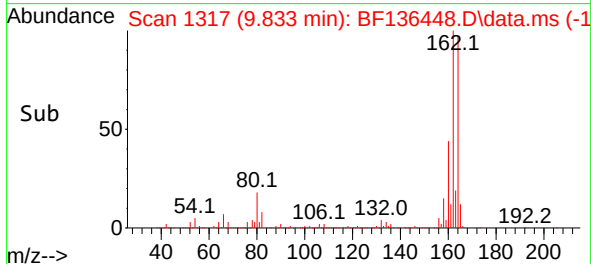
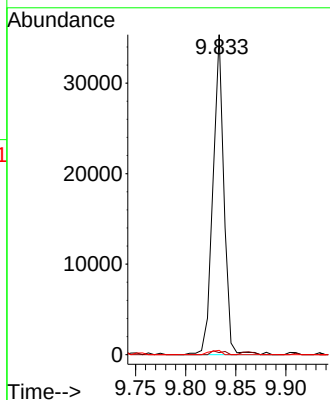
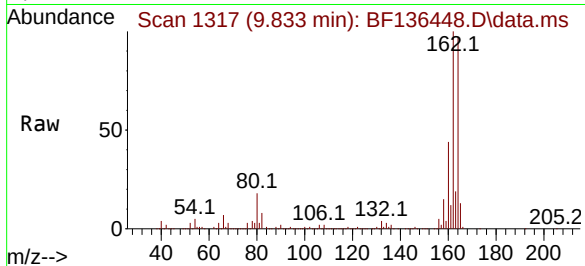




#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

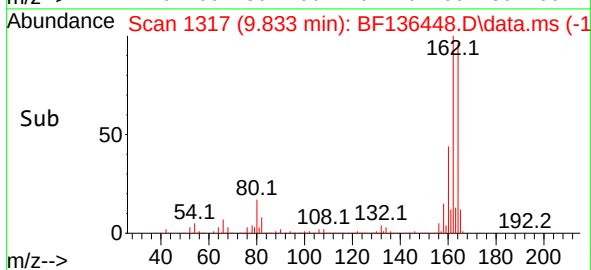
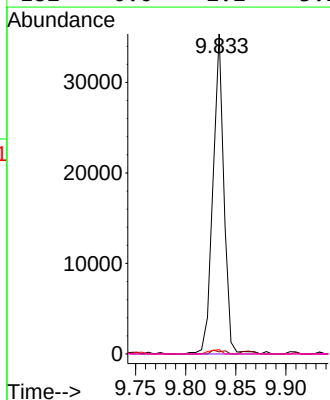
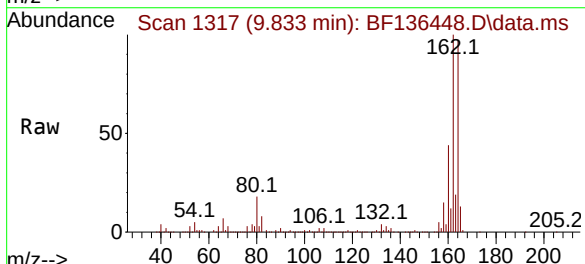
Instrument :
BNA_F
ClientSampleId :
EO-01-120523

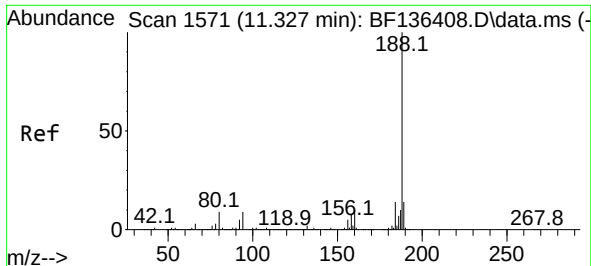
Tgt Ion:165 Resp: 26964
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.992 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion:165 Resp: 26964
Ion Ratio Lower Upper
165 100
63 0.7 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#

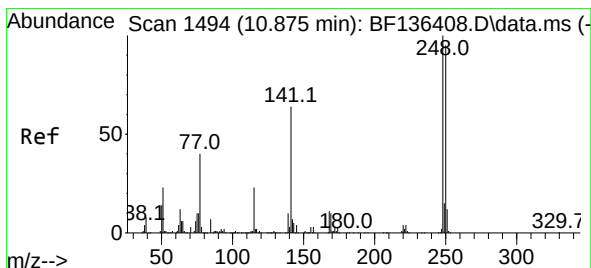
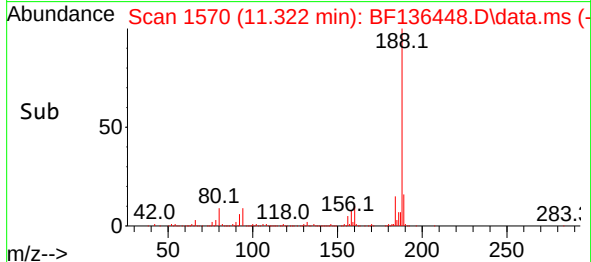
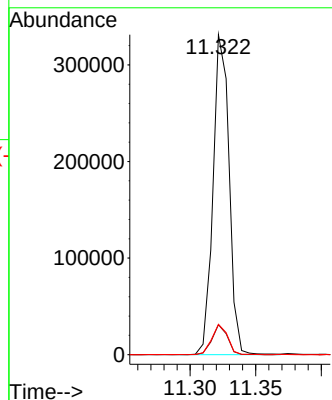
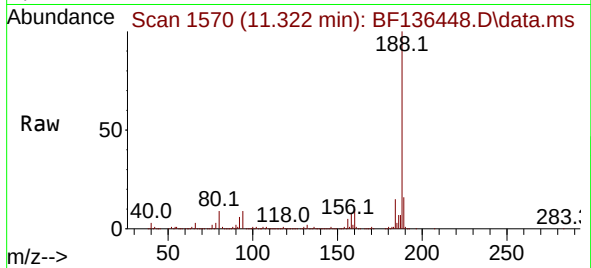




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

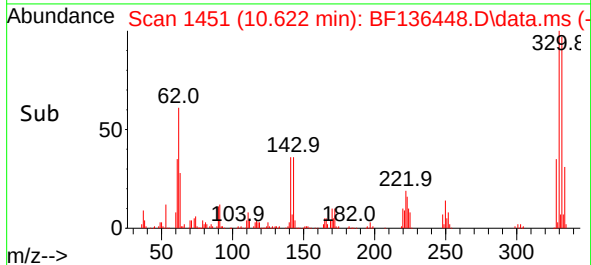
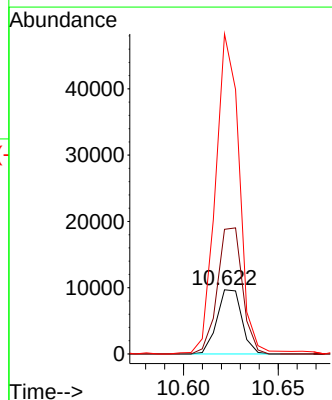
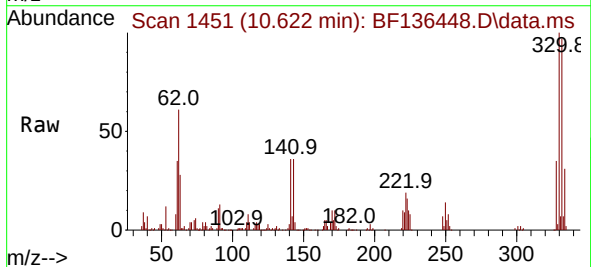
Instrument :
BNA_F
ClientSampleId :
EO-01-120523

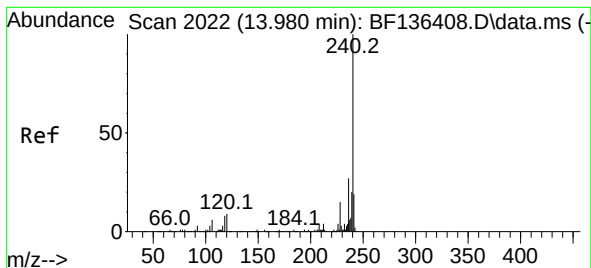
Tgt Ion:188 Resp: 282301
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.691 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF136448.D
Acq: 07 Dec 2023 15:50

Tgt Ion:248 Resp: 8833
Ion Ratio Lower Upper
248 100
250 194.3 76.2 114.2#
141 498.5 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136448.D

Acq: 07 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

EO-01-120523

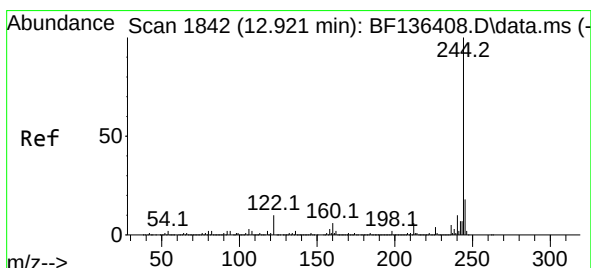
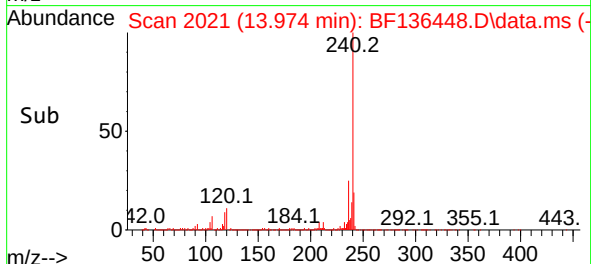
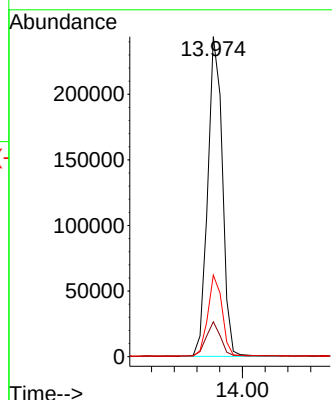
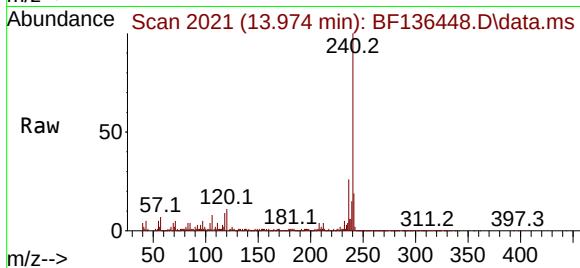
Tgt Ion:240 Resp: 217497

Ion Ratio Lower Upper

240 100

120 10.9 7.3 10.9

236 25.5 21.3 31.9



#79

Terphenyl-d14

Concen: 35.726 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136448.D

Acq: 07 Dec 2023 15:50

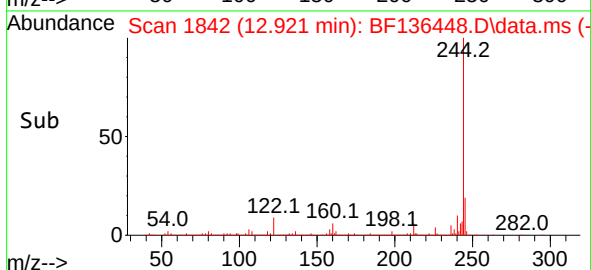
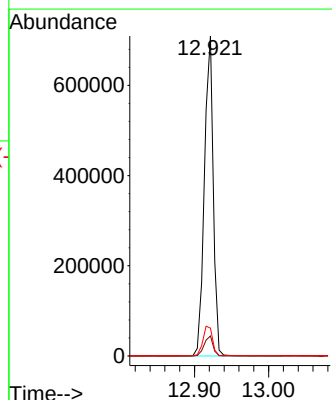
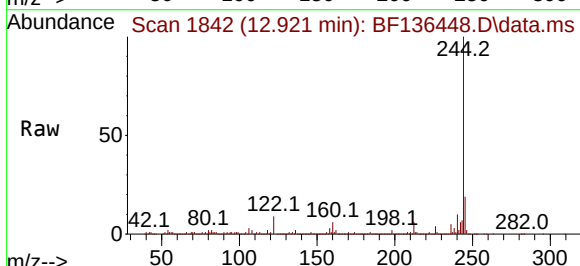
Tgt Ion:244 Resp: 589524

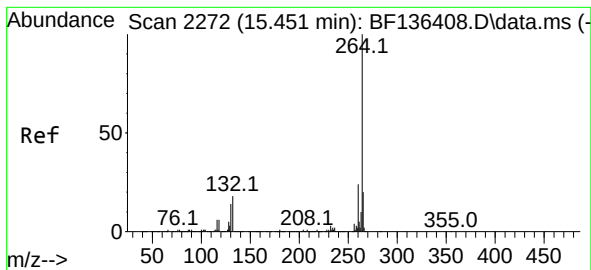
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 8.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF136448.D
 Acq: 07 Dec 2023 15:50

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-120523

Tgt Ion:264 Resp: 225332
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 15.9 23.9

