

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136521.D
 Acq On : 12 Dec 2023 17:53
 Operator : CG\JU
 Sample : 05692-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-12072023

Quant Time: Dec 12 18:11:52 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)

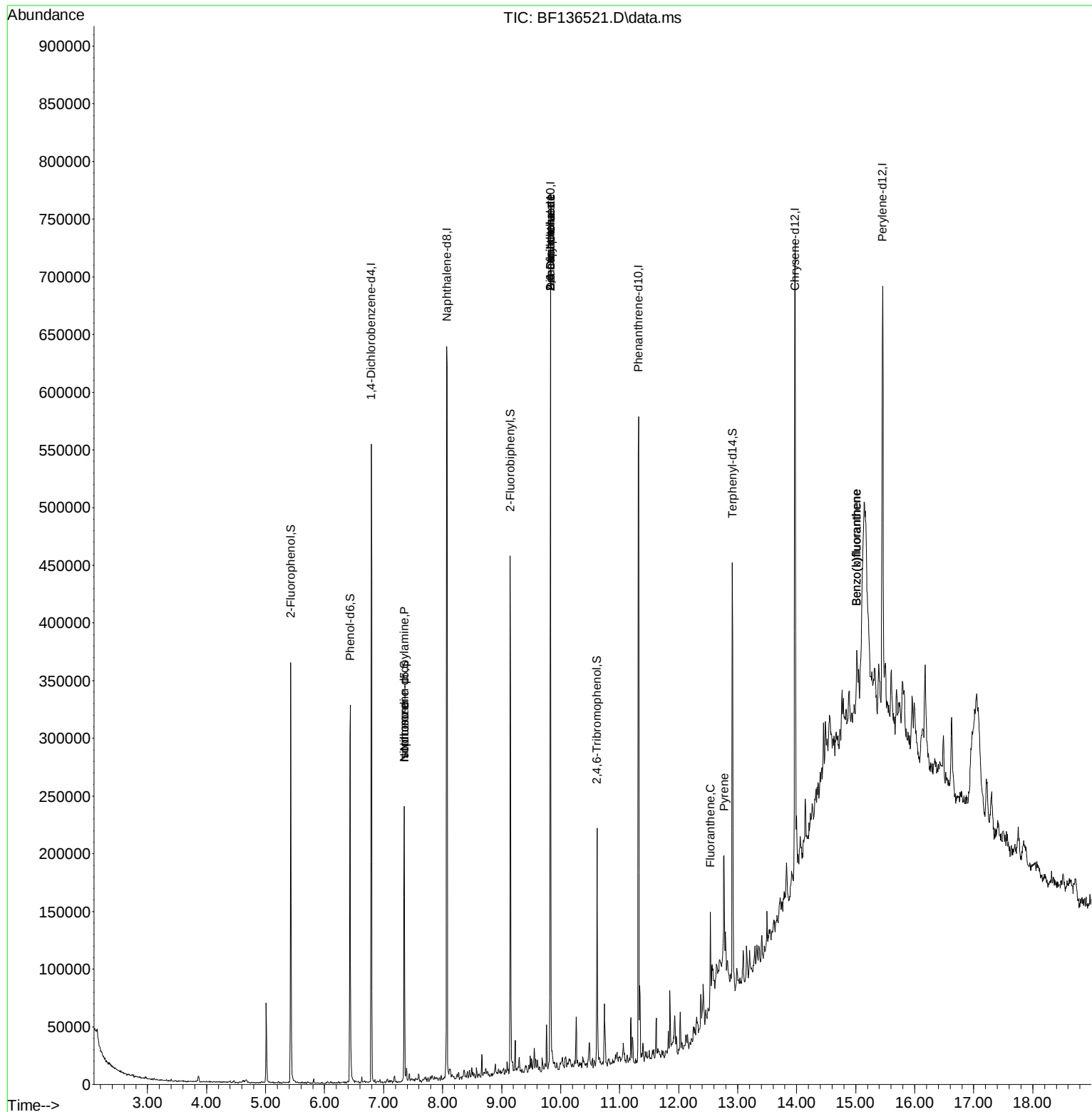
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	80120	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	297730	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	138122	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	218501	20.000	ng	0.00
76) Chrysene-d12	13.974	240	187935	20.000	ng	0.00
86) Perylene-d12	15.457	264	179767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	100004	18.433	ng	0.00
7) Phenol-d6	6.434	99	116712	17.243	ng	-0.01
23) Nitrobenzene-d5	7.351	82	67214	12.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	25008	14.684	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	138176	13.650	ng	-0.02
79) Terphenyl-d14	12.910	244	125341	8.791	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	72	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	9126	2.337 ng	#	75
25) Isophorone	7.351	82	67214	6.793 ng	#	65
50) Dimethylphthalate	9.828	163	26929	2.648 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	19071	8.336 ng	#	29
57) 2,4-Dinitrotoluene	9.828	165	19071	6.302 ng	#	28
75) Fluoranthene	12.539	202	33977	2.700 ng		94
77) Benzidine	12.692	184	214	Below Cal	#	1
78) Pyrene	12.769	202	38790	2.108 ng		100
88) Benzo(b)fluoranthene	15.015	252	31146	2.534 ng	#	72
89) Benzo(k)fluoranthene	15.015	252	31146	2.689 ng	#	72

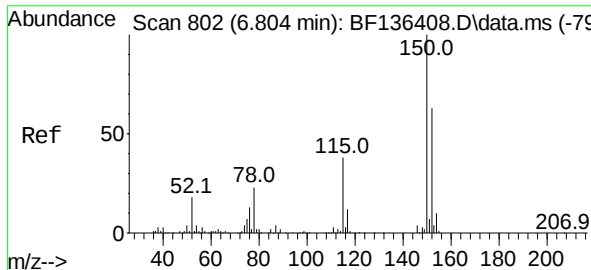
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136521.D
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Quant Time: Dec 12 18:11:52 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

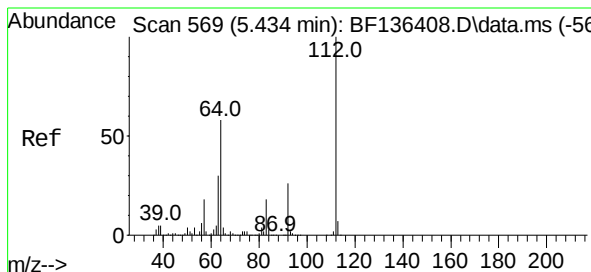
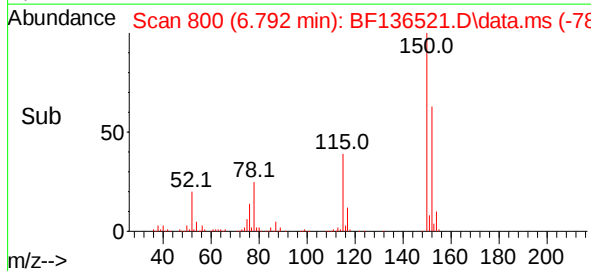
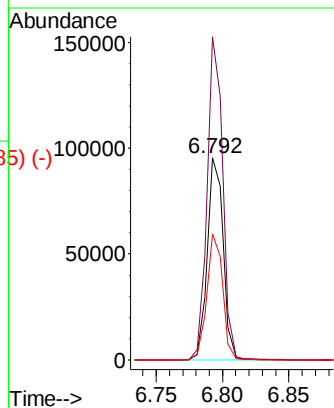
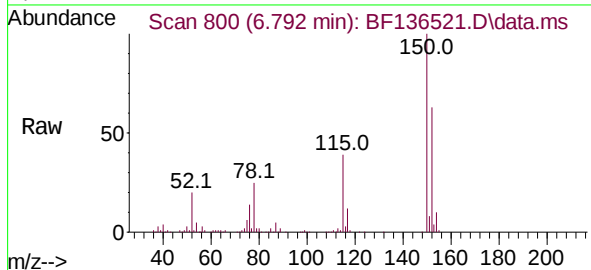




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

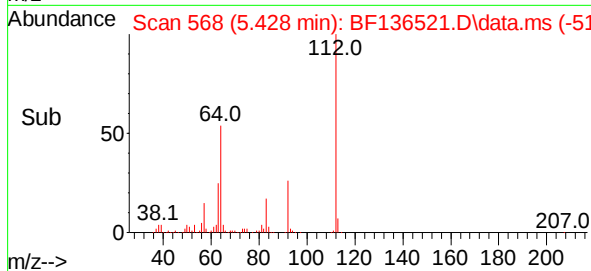
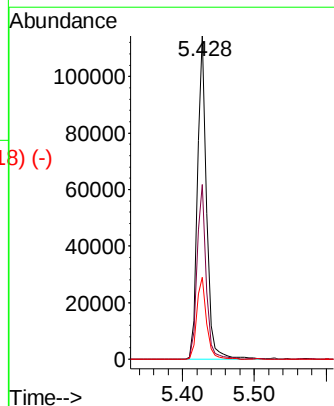
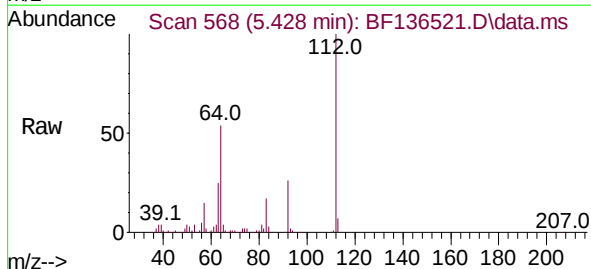
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-12072023

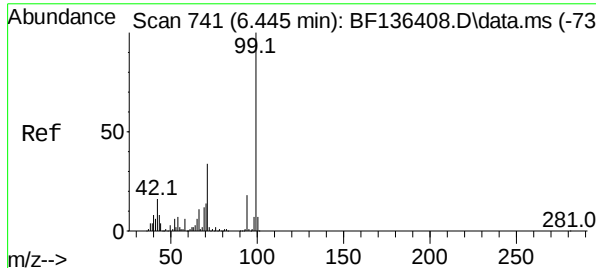
Tgt Ion:152 Resp: 80120
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.4 189.6
 115 62.1 48.2 72.4



2-Fluorophenol
 Concen: 18.433 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

Tgt Ion:112 Resp: 100004
 Ion Ratio Lower Upper
 112 100
 64 54.0 46.5 69.7
 63 25.3 23.9 35.9

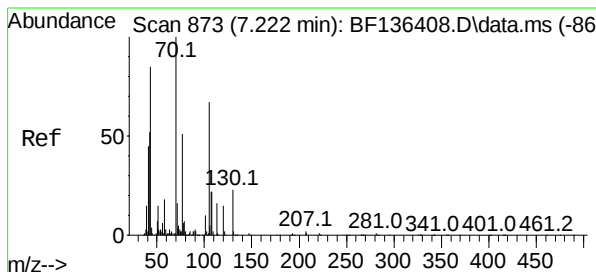
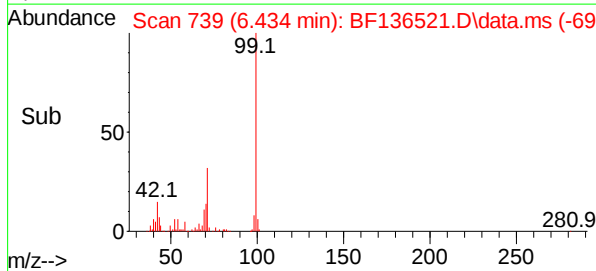
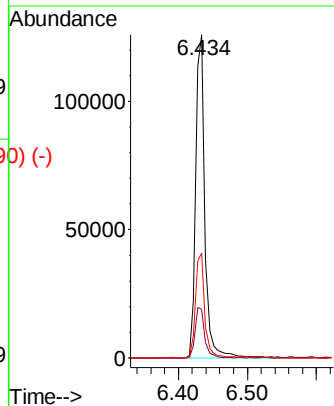
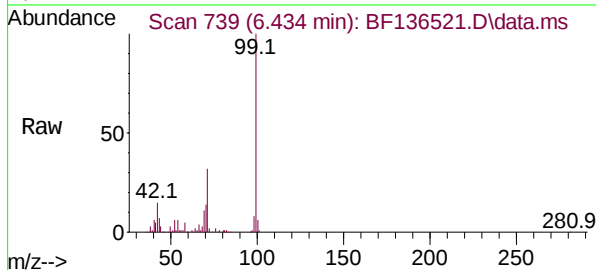




Phenol-d6
 Concen: 17.243 ng
 RT: 6.434 min Scan#
 Delta R.T. -0.012 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

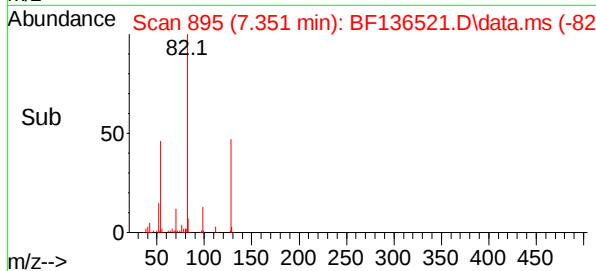
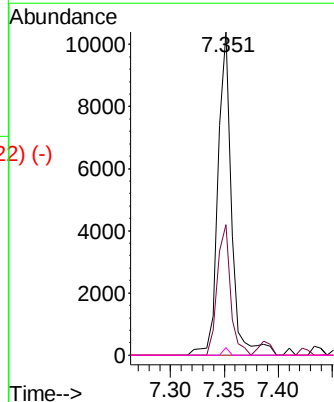
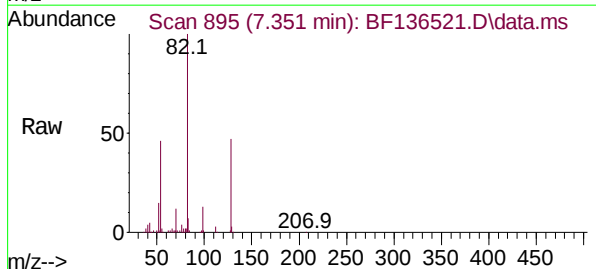
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-12072023

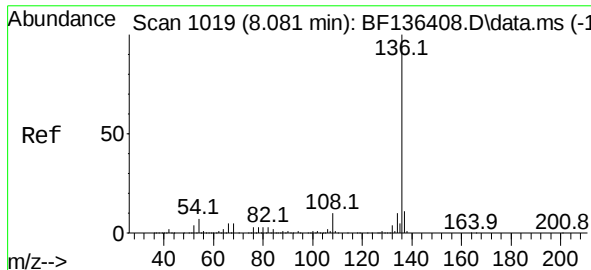
Tgt Ion: 99 Resp: 116712
 Ion Ratio Lower Upper
 99 100
 42 15.1 12.8 19.2
 71 32.4 27.0 40.4



n-Nitroso-di-n-propylamine
 Concen: 2.337 ng
 RT: 7.351 min Scan# 895
 Delta R.T. 0.129 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

Tgt Ion: 70 Resp: 9126
 Ion Ratio Lower Upper
 70 100
 42 40.4 41.4 62.0#
 101 0.0 8.2 12.4#
 130 2.4 18.6 28.0#

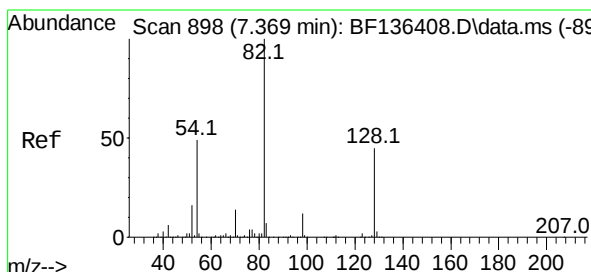
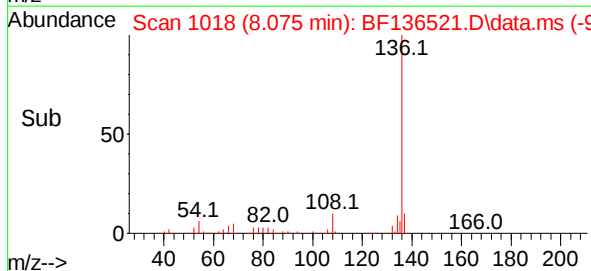
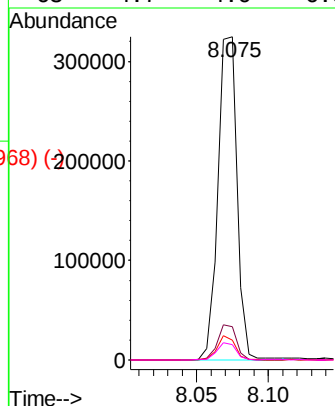
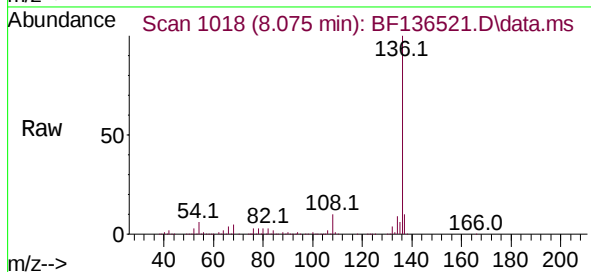




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136521.D
Acq: 12 Dec 2023 17:53

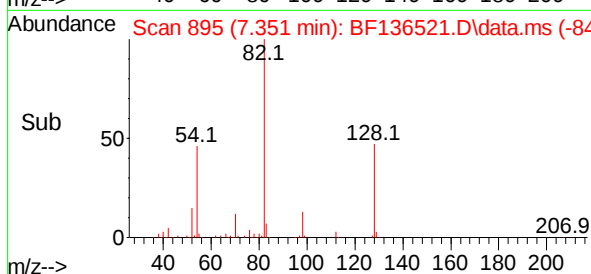
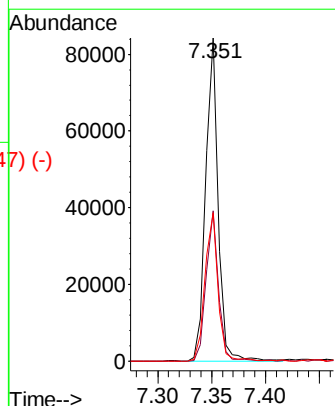
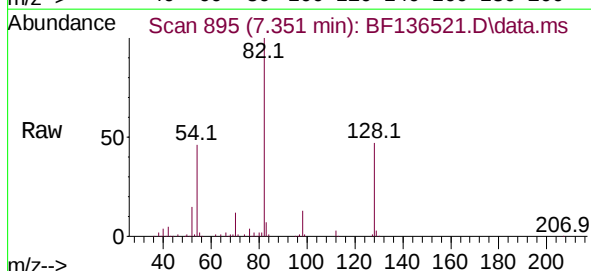
Instrument :
BNA_F
ClientSampleId :
EO-03-12072023

Tgt Ion:	136	Resp:	297730
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	6.1	5.7	8.5
68	4.7	4.0	6.0

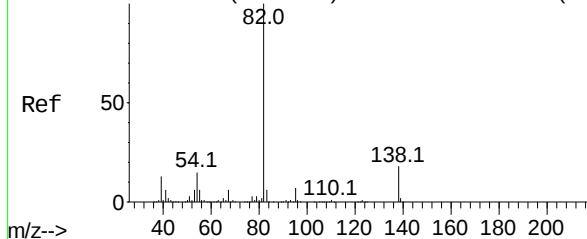


#23
Nitrobenzene-d5
Concen: 12.204 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136521.D
Acq: 12 Dec 2023 17:53

Tgt Ion:	82	Resp:	67214
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	45.9	39.0	58.6



Abundance Scan 941 (7.622 min): BF136408.D\data.ms (-934)#25



Isophorone

Concen: 6.793 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.271 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

Instrument :

BNA_F

ClientSampleId :

EO-03-12072023

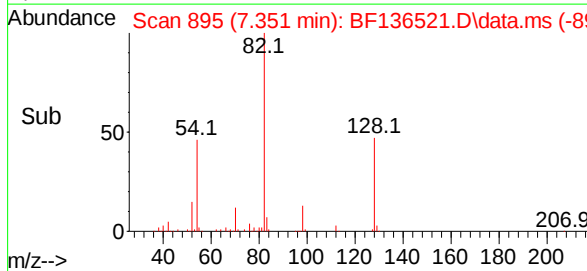
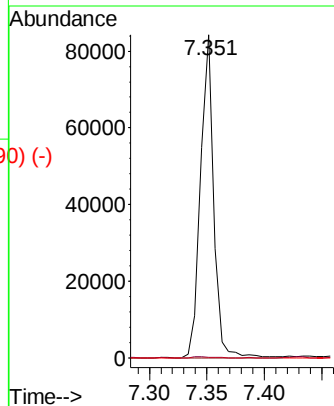
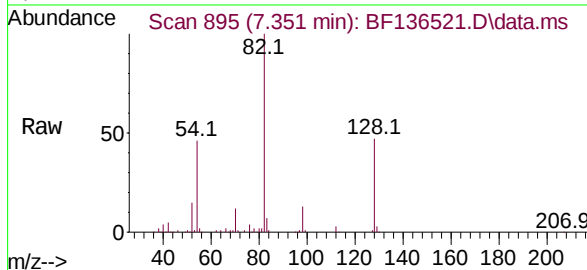
Tgt Ion: 82 Resp: 67214

Ion Ratio Lower Upper

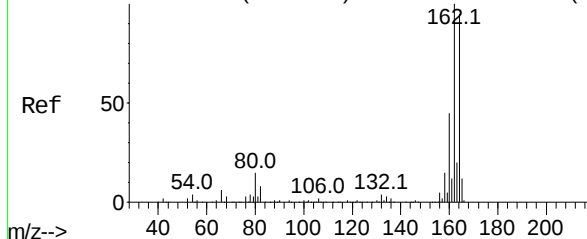
82 100

95 0.2 5.7 8.5#

138 0.0 14.5 21.7#



Abundance Scan 1318 (9.839 min): BF136408.D\data.ms (-1318)#39



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

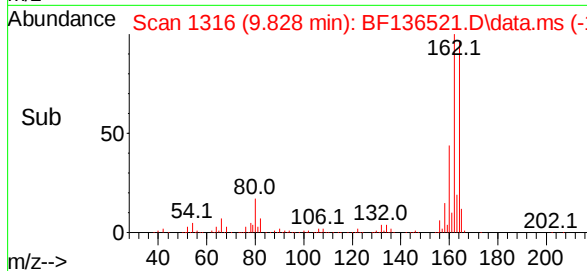
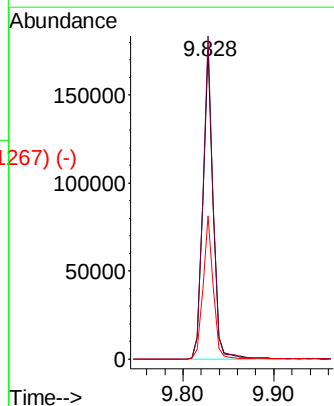
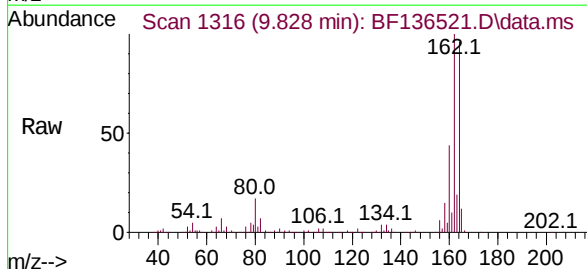
Tgt Ion:164 Resp: 138122

Ion Ratio Lower Upper

164 100

162 104.6 84.4 126.6

160 46.4 37.6 56.4



Abundance Scan 1453 (10.633 min): BF136408.D\data.ms (-1443)

2,4,6-Tribromophenol

Concen: 14.684 ng

RT: 10.616 min Scan#

Delta R.T. -0.018 min

Lab File: BF136521.D

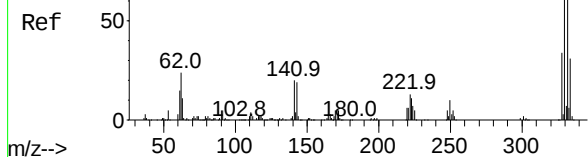
Acq: 12 Dec 2023 17:53

Instrument :

BNA_F

ClientSampleId :

EO-03-12072023



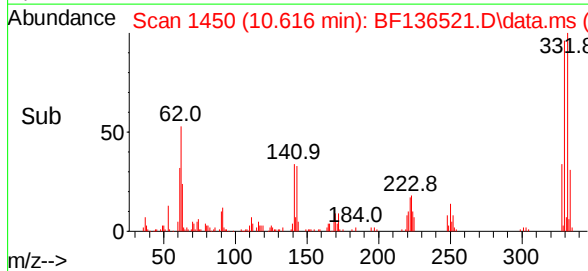
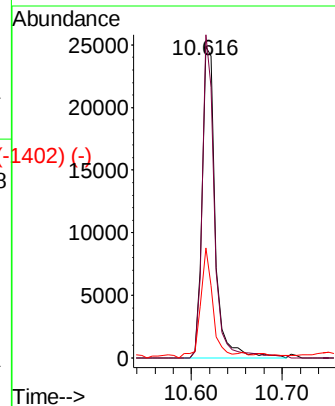
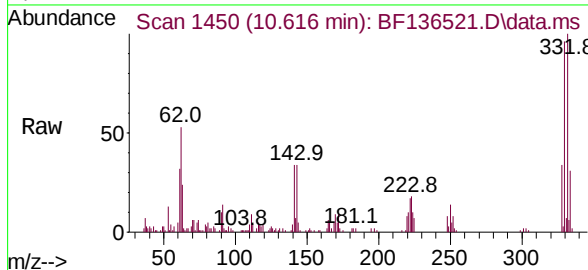
Tgt Ion:330 Resp: 25008

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 33.2 23.4 35.2



Abundance Scan 1203 (9.163 min): BF136408.D\data.ms (-1194)

2-Fluorobiphenyl

Concen: 13.650 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

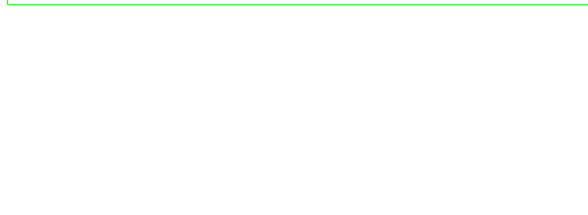
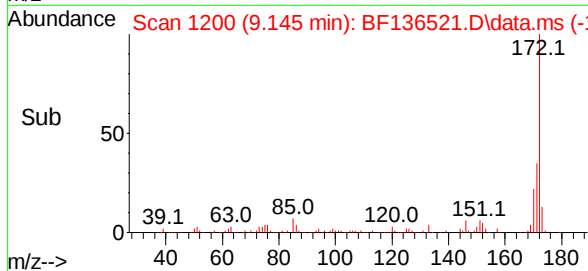
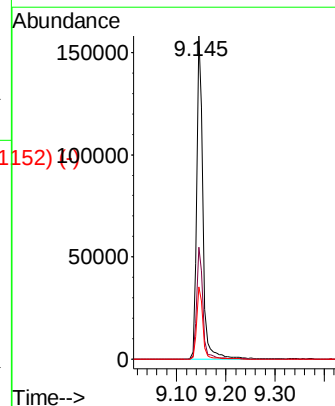
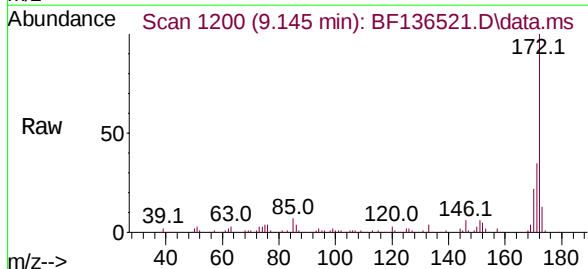
Tgt Ion:172 Resp: 138176

Ion Ratio Lower Upper

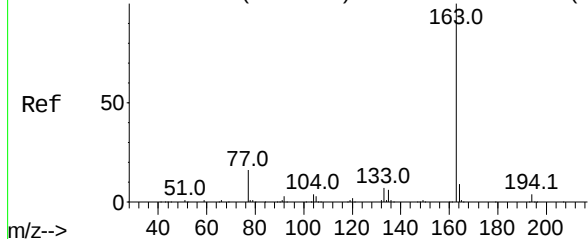
172 100

171 34.7 30.5 45.7

170 22.4 19.9 29.9



Abundance Scan 1272 (9.569 min): BF136408.D\data.ms (-12650)



Dimethylphthalate

Concen: 2.648 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

Instrument :

BNA_F

ClientSampleId :

EO-03-12072023

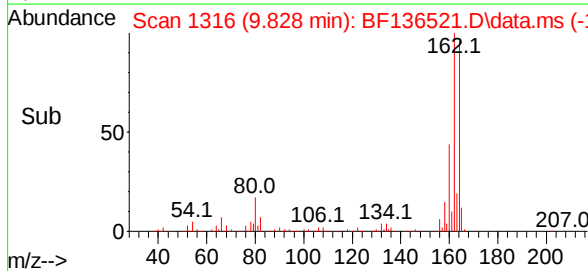
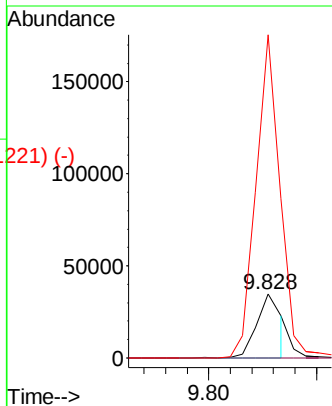
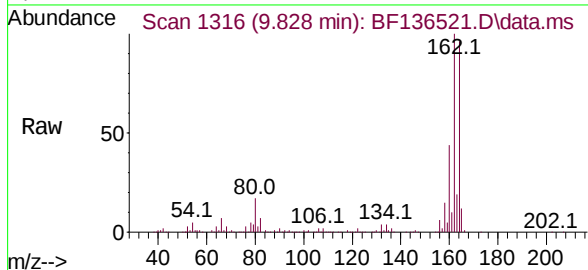
Tgt Ion:163 Resp: 26929

Ion Ratio Lower Upper

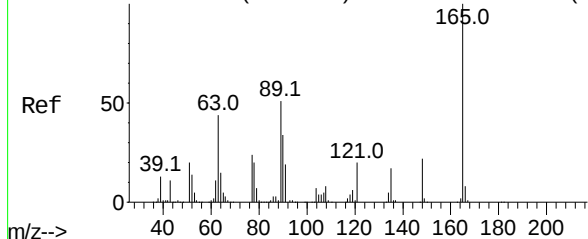
163 100

194 0.0 3.0 4.6#

164 505.3 7.4 11.2#



Abundance Scan 1282 (9.628 min): BF136408.D\data.ms (-12751)



2,6-Dinitrotoluene

Concen: 8.336 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.200 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

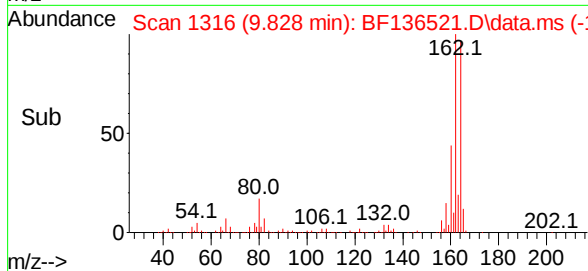
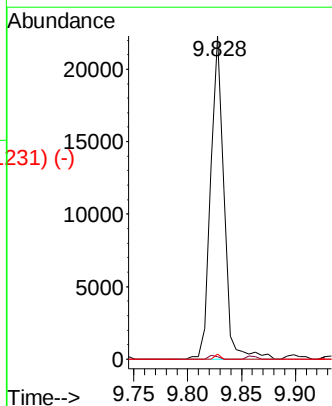
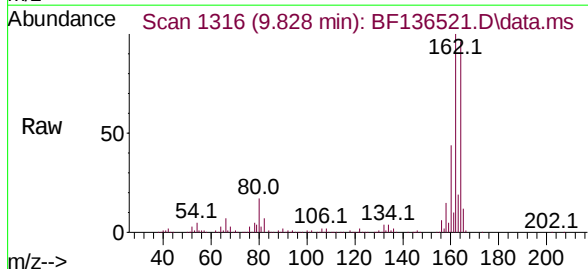
Tgt Ion:165 Resp: 19071

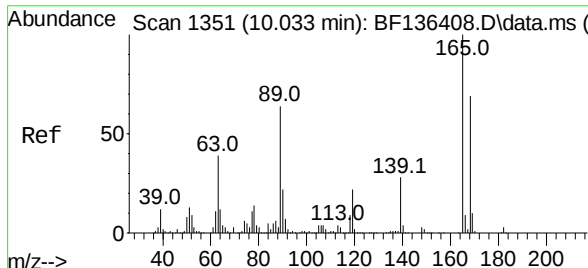
Ion Ratio Lower Upper

165 100

63 0.7 40.4 60.6#

89 1.5 40.6 60.8#

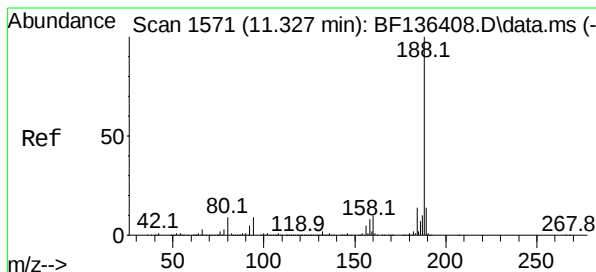
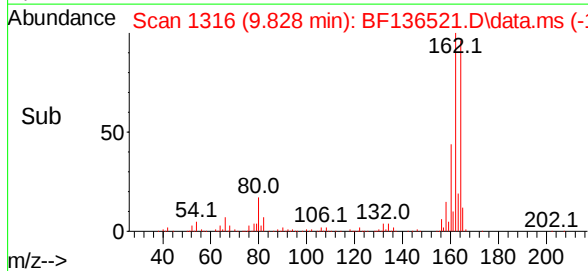
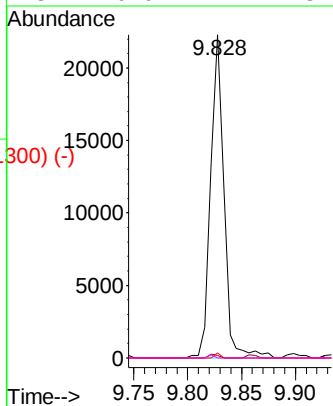
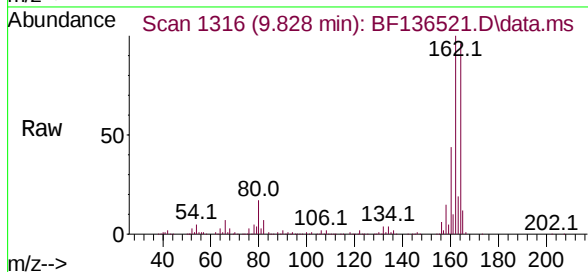




Scan 1351 (10.033 min): BF136408.D\data.ms (-1351) (-)
 2,4-Dinitrotoluene
 Concen: 6.302 ng
 RT: 9.828 min Scan# 1351
 Delta R.T. -0.206 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

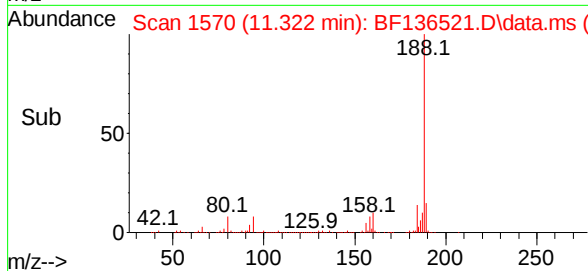
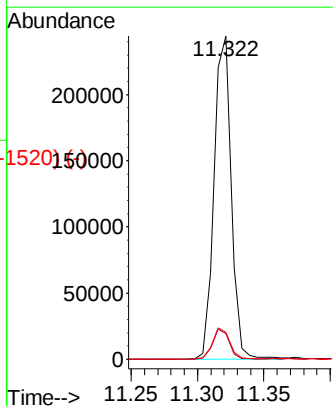
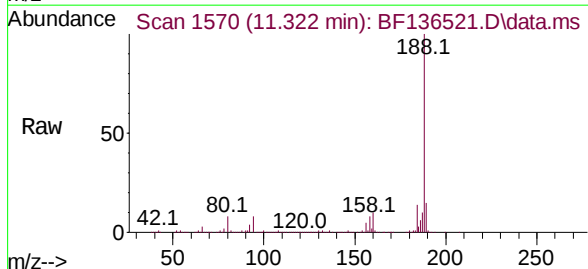
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-12072023

Tgt Ion:	165	Resp:	19071
Ion	Ratio	Lower	Upper
165	100		
63	0.7	31.4	47.2#
89	1.5	51.7	77.5#
182	0.0	2.2	3.2#

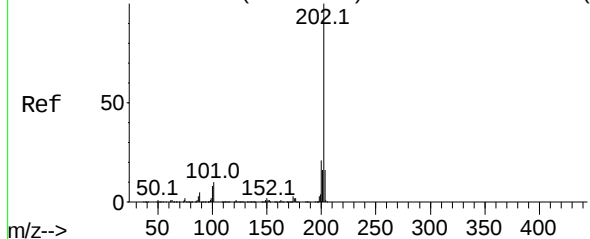


Scan 1571 (11.327 min): BF136408.D\data.ms (-1571) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

Tgt Ion:	188	Resp:	218501
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.3	7.2	10.8



Abundance Scan 1778 (12.545 min): BF136408.D\data.ms (-1778) (-)



Fluoranthene

Concen: 2.700 ng

RT: 12.539 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

Instrument :

BNA_F

ClientSampleId :

EO-03-12072023

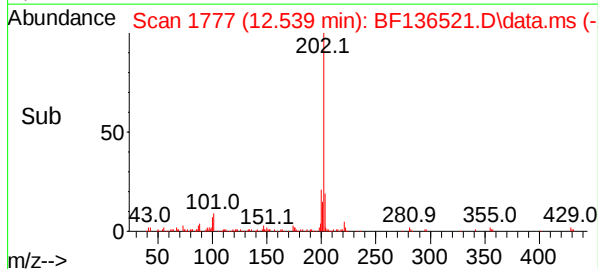
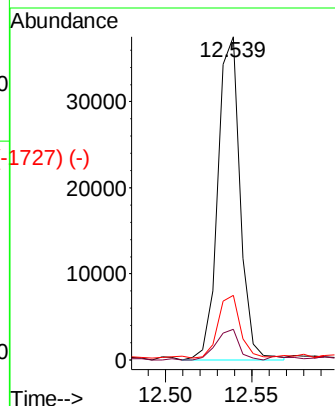
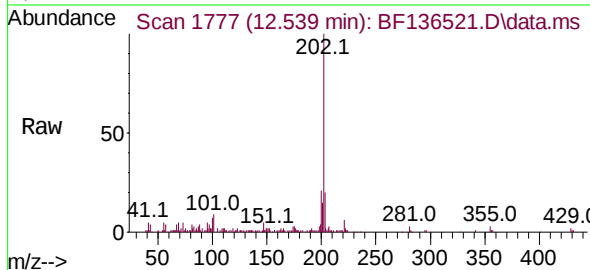
Tgt Ion:202 Resp: 33977

Ion Ratio Lower Upper

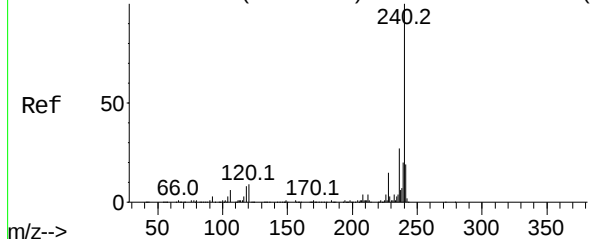
202 100

101 9.4 0.0 29.9

203 19.9 0.0 36.3



Abundance Scan 2022 (13.980 min): BF136408.D\data.ms (-2022) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136521.D

Acq: 12 Dec 2023 17:53

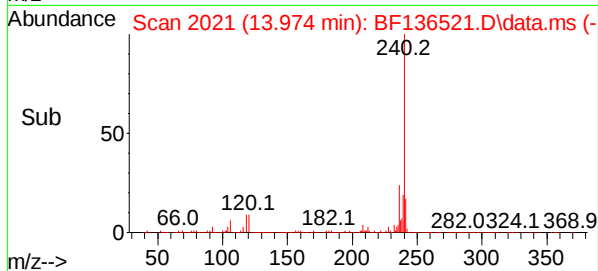
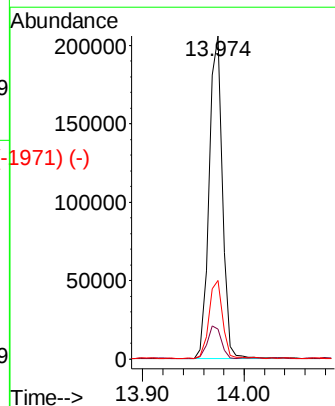
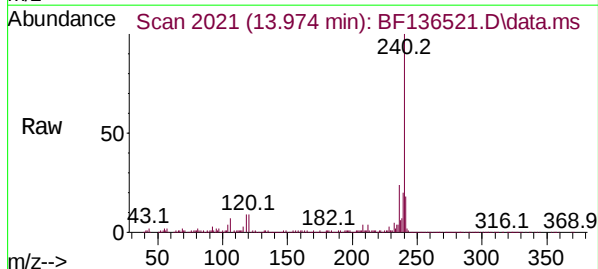
Tgt Ion:240 Resp: 187935

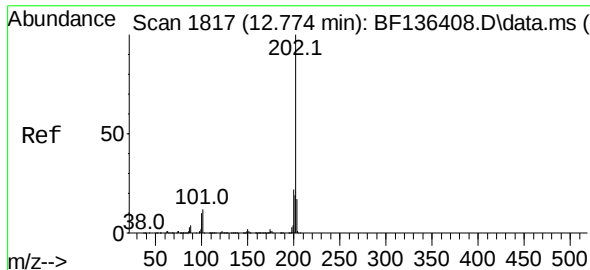
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 24.3 21.3 31.9

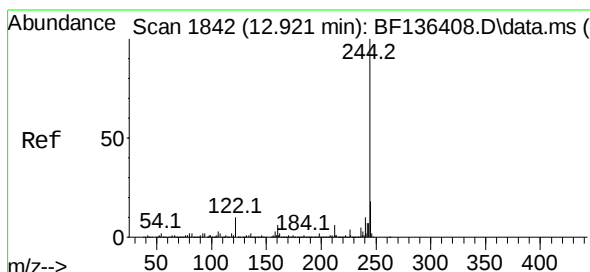
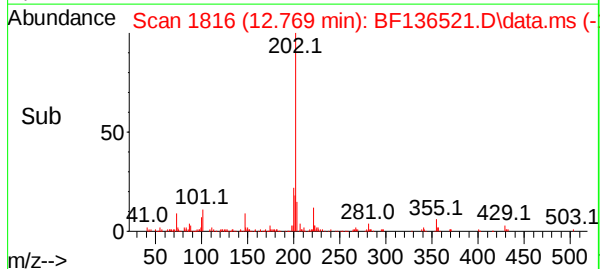
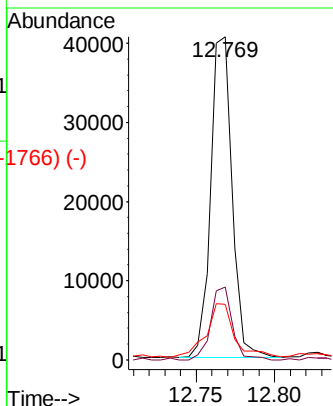
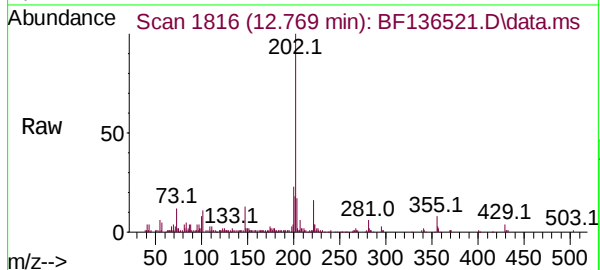




Pyrene
Concen: 2.108 ng
RT: 12.769 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF136521.D
Acq: 12 Dec 2023 17:53

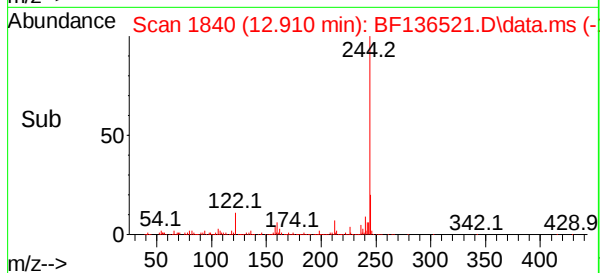
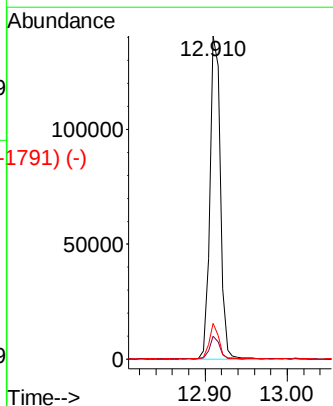
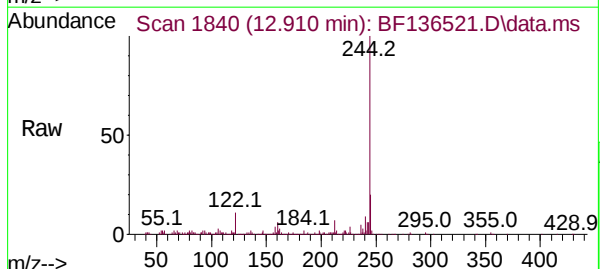
Instrument :
BNA_F
ClientSampleId :
EO-03-12072023

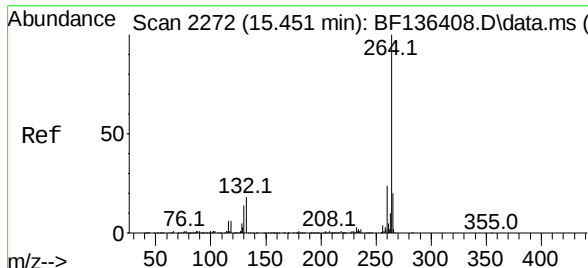
Tgt Ion:	202	Resp:	38790
Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.0	27.0
203	17.1	13.5	20.3



Terphenyl-d14
Concen: 8.791 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF136521.D
Acq: 12 Dec 2023 17:53

Tgt Ion:	244	Resp:	125341
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	11.2	8.3	12.5

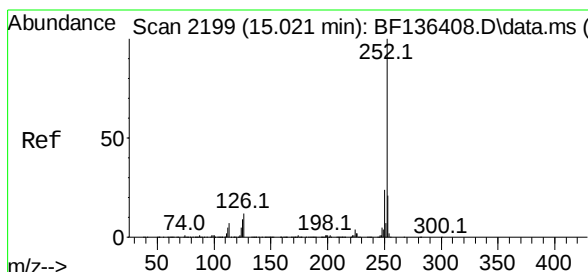
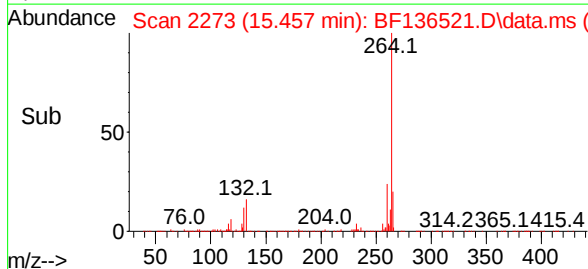
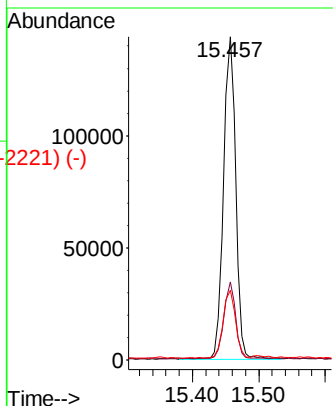
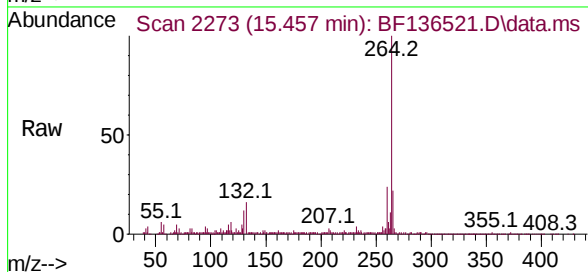




Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136521.D
Acq: 12 Dec 2023 17:53

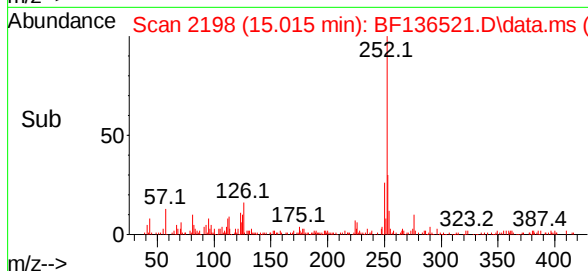
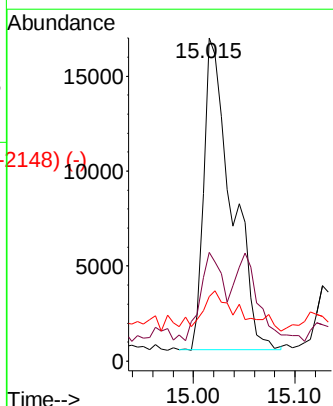
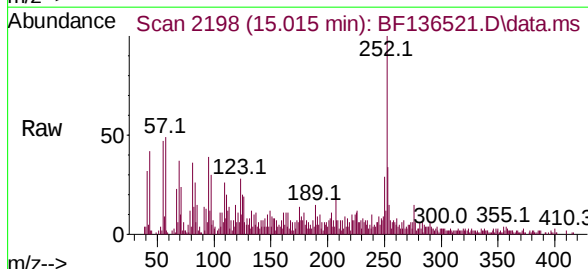
Instrument :
BNA_F
ClientSampleId :
EO-03-12072023

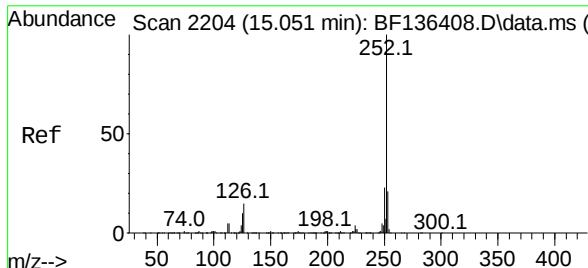
Tgt Ion:	264	Resp:	179767
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.5	15.9	23.9



Benzo(b)fluoranthene
Concen: 2.534 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136521.D
Acq: 12 Dec 2023 17:53

Tgt Ion:	252	Resp:	31146
Ion Ratio	Lower	Upper	
252	100		
253	33.7	16.9	25.3#
125	19.9	7.4	11.2#





Benzo(k)fluoranthene
 Concen: 2.689 ng
 RT: 15.015 min Scan# 1
 Delta R.T. -0.035 min
 Lab File: BF136521.D
 Acq: 12 Dec 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-12072023

Tgt Ion:	252	Resp:	31146
Ion Ratio	Lower	Upper	
252	100		
253	33.7	16.9	25.3#
125	19.9	7.5	11.3#

