

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136513.D
 Acq On : 12 Dec 2023 13:39
 Operator : CG\JU
 Sample : 05628-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Dec 12 14:01:15 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)

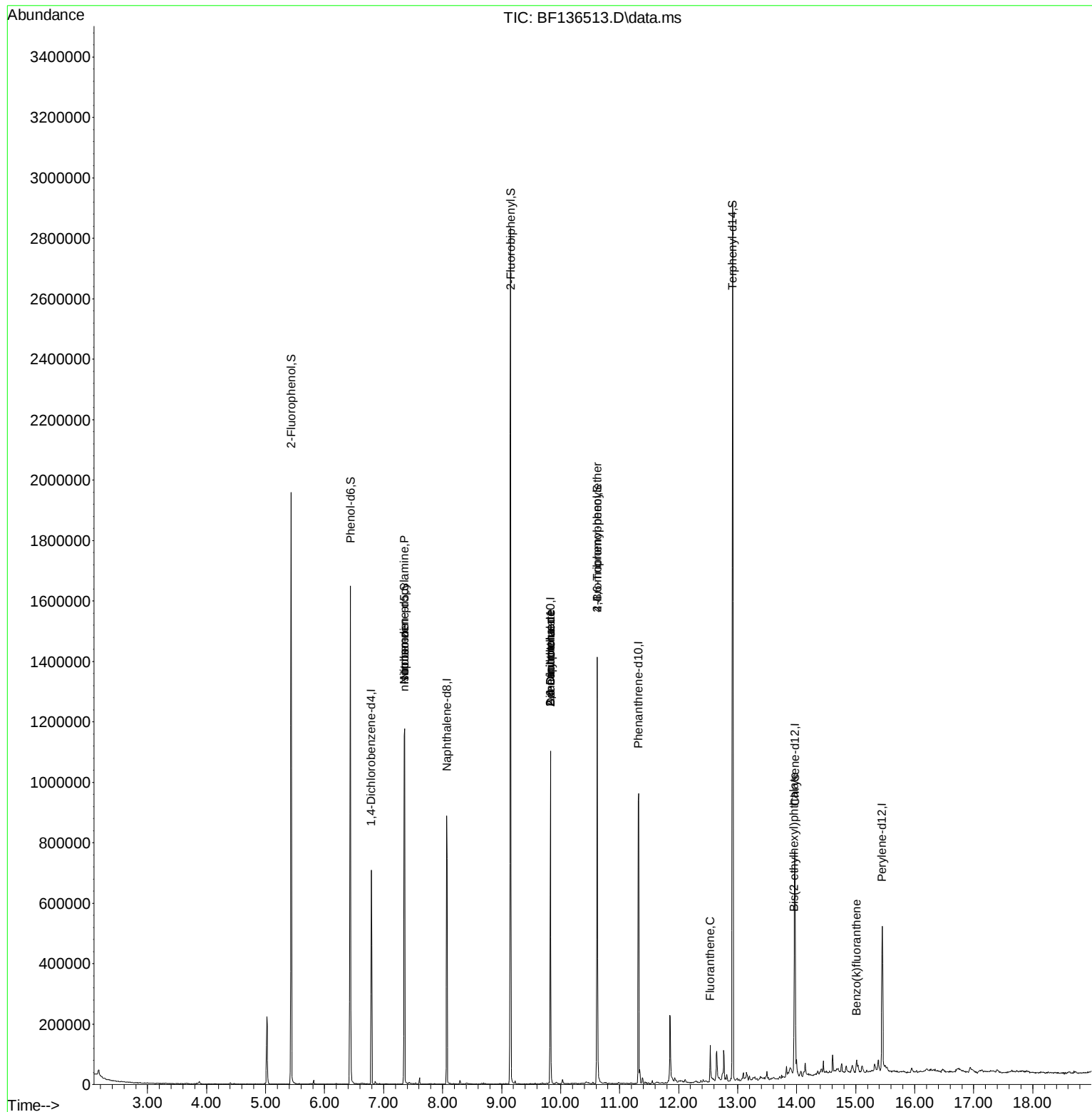
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	98000	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	392497	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	200268	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	375458	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221292	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	217923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	519854	78.340	ng	0.00
7) Phenol-d6	6.440	99	649013	78.390	ng	0.00
23) Nitrobenzene-d5	7.357	82	398353	54.867	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	195551	79.192	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	840152	57.243	ng	-0.01
79) Terphenyl-d14	12.916	244	971913	57.888	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	861	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	51081	10.696	ng	# 80
25) Isophorone	7.357	82	398345	30.539	ng	# 65
50) Dimethylphthalate	9.828	163	39640	2.688	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	25986	7.834	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	25986	5.922	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	12698	2.909	ng	# 1
75) Fluoranthene	12.533	202	45791	2.117	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	81515	8.619	ng	98
89) Benzo(k)fluoranthene	15.015	252	29074	2.071	ng	# 94

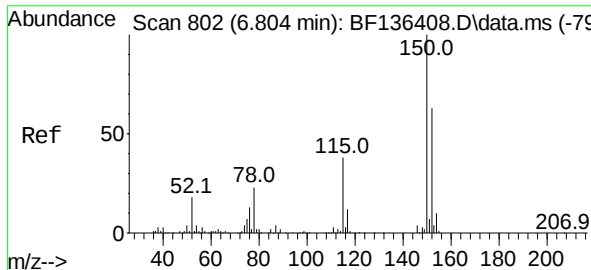
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
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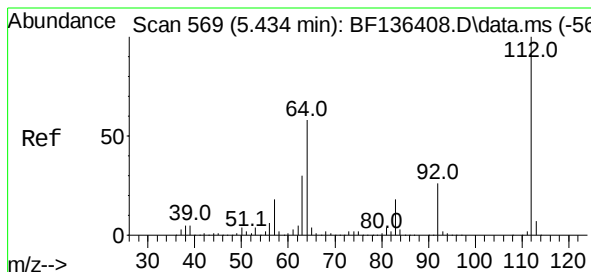
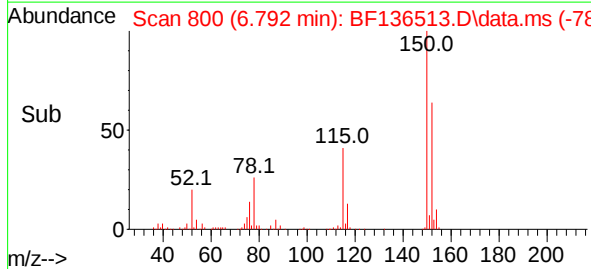
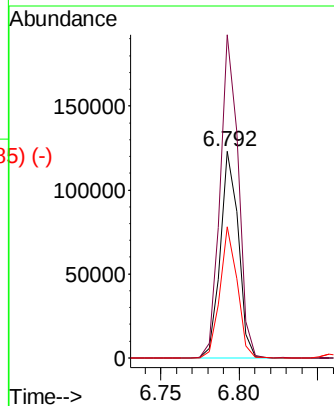
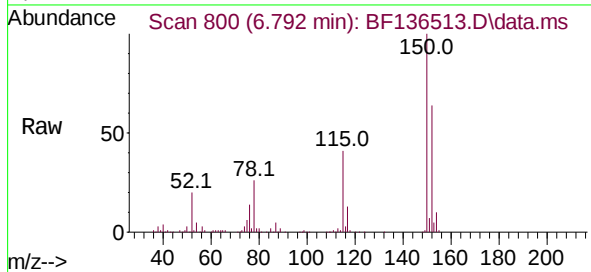




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

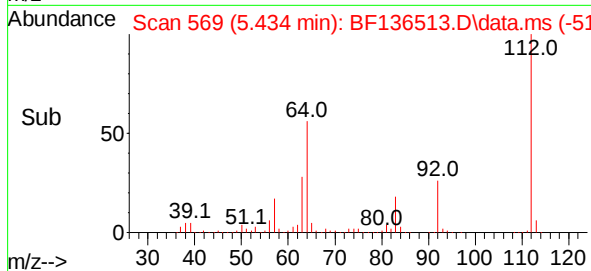
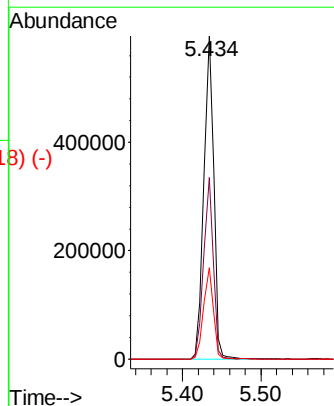
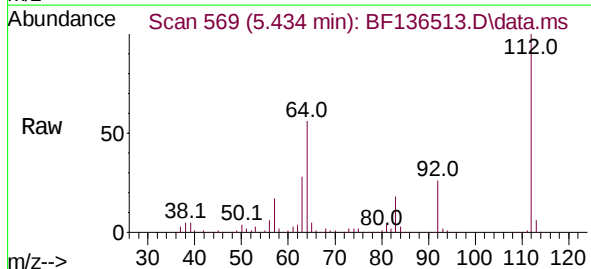
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

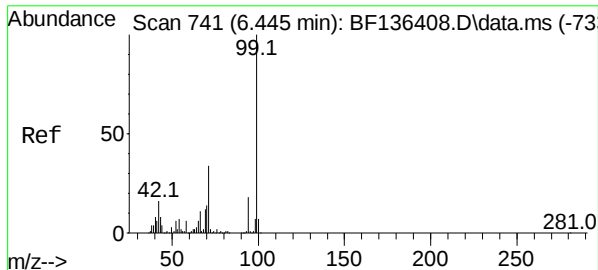
Tgt Ion:	152	Resp:	98000
Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.4	189.6
115	63.5	48.2	72.4



2-Fluorophenol
 Concen: 78.340 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

Tgt Ion:	112	Resp:	519854
Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.5	69.7
63	28.3	23.9	35.9





Phenol-d6

Concen: 78.390 ng

RT: 6.440 min Scan#

Delta R.T. -0.006 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

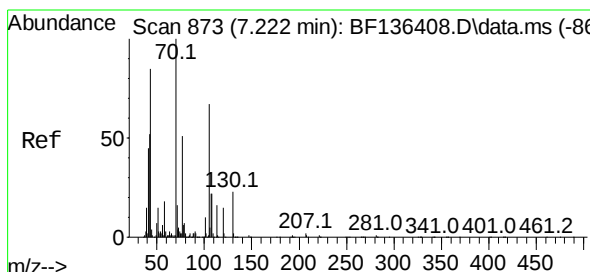
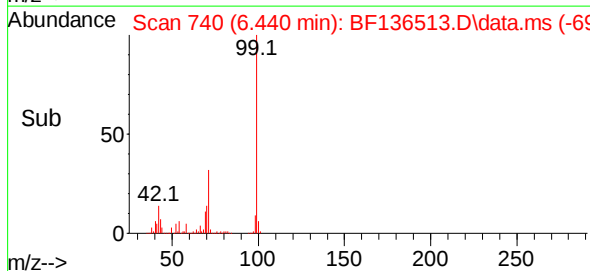
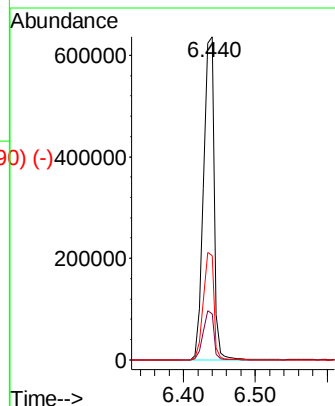
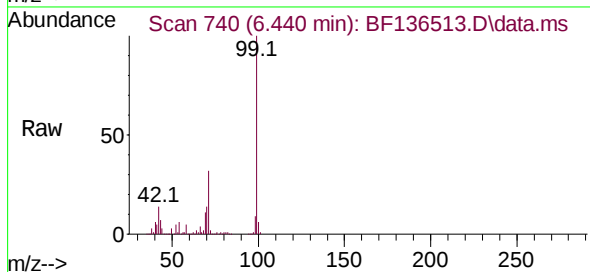
Tgt Ion: 99 Resp: 649013

Ion Ratio Lower Upper

99 100

42 14.3 12.8 19.2

71 32.2 27.0 40.4



n-Nitroso-di-n-propylamine

Concen: 10.696 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.129 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

Tgt Ion: 70 Resp: 51081

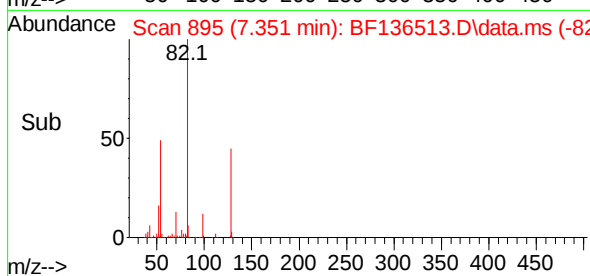
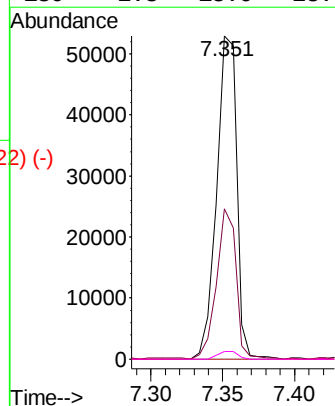
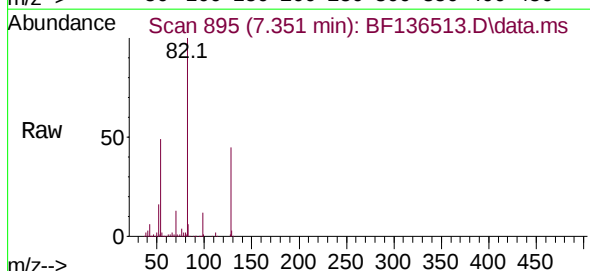
Ion Ratio Lower Upper

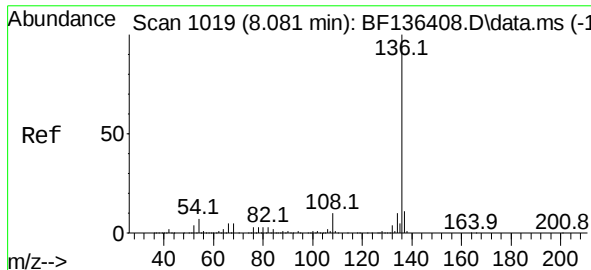
70 100

42 46.6 41.4 62.0

101 0.0 8.2 12.4#

130 2.3 18.6 28.0#





Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan#

Delta R.T. -0.012 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tgt Ion:136 Resp: 392497

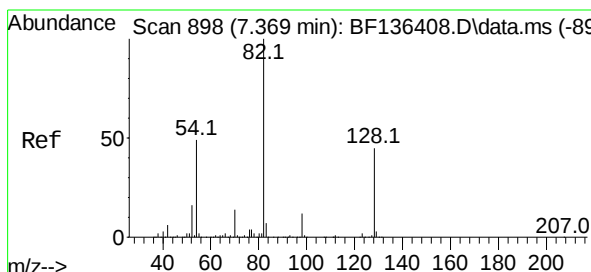
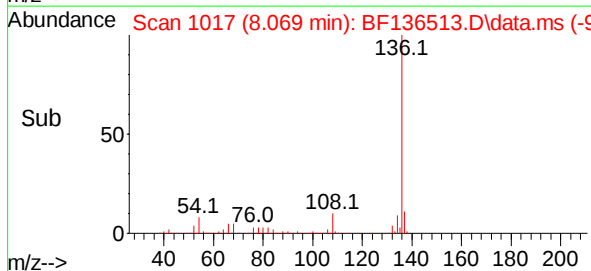
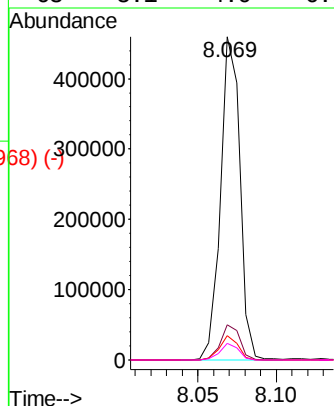
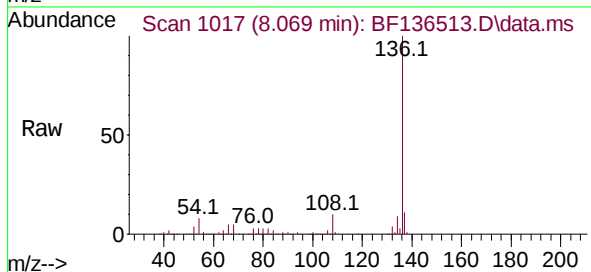
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 7.6 5.7 8.5

68 5.1 4.0 6.0



Nitrobenzene-d5

Concen: 54.867 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

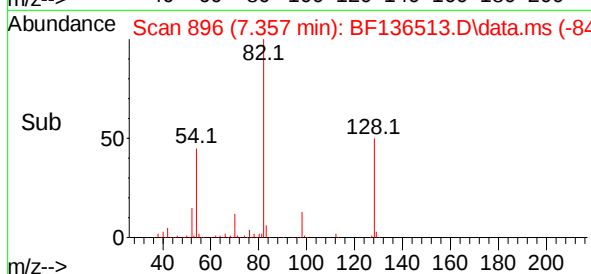
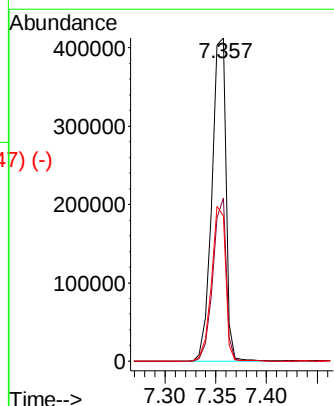
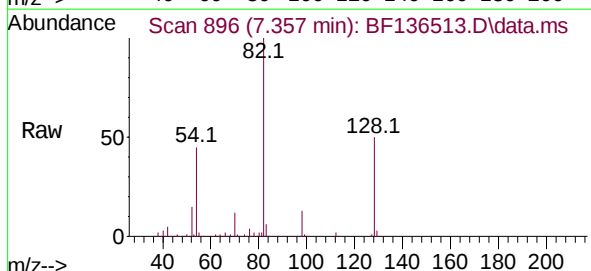
Tgt Ion: 82 Resp: 398353

Ion Ratio Lower Upper

82 100

128 50.4 36.3 54.5

54 44.9 39.0 58.6



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

Isophorone

Concen: 30.539 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF136513.D

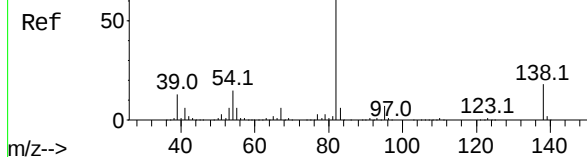
Acq: 12 Dec 2023 13:39

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



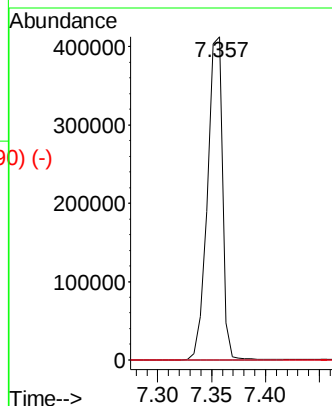
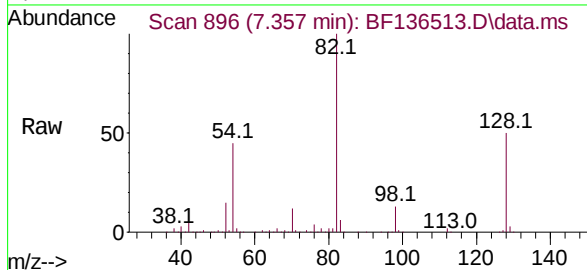
Tgt Ion: 82 Resp: 398345

Ion Ratio Lower Upper

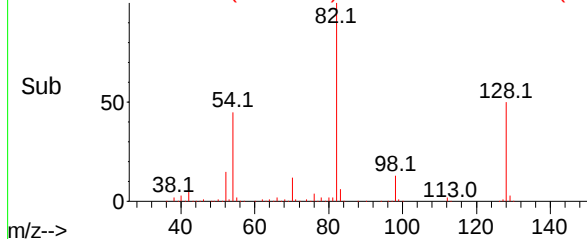
82 100

95 0.0 5.7 8.5#

138 0.0 14.5 21.7#



Abundance Scan 896 (7.357 min): BF136513.D\data.ms (-890) (-)



Abundance Scan 1318 (9.839 min): BF136408.D\data.ms (-1312)#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

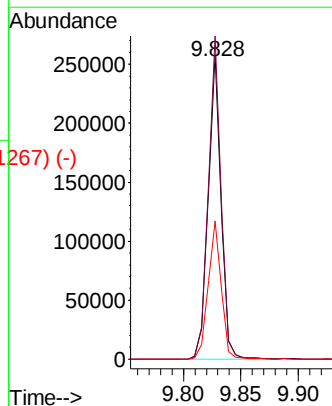
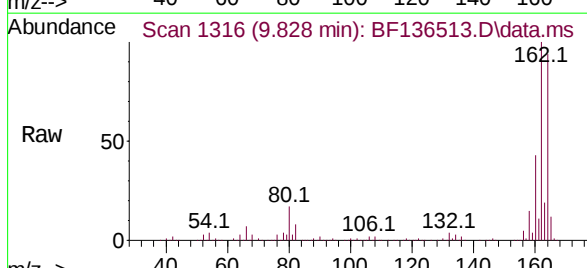
Tgt Ion:164 Resp: 200268

Ion Ratio Lower Upper

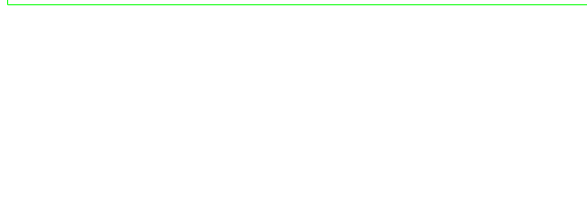
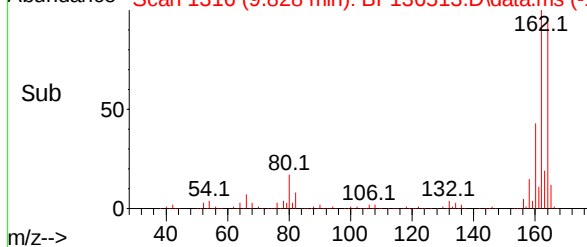
164 100

162 106.0 84.4 126.6

160 45.3 37.6 56.4



Abundance Scan 1316 (9.828 min): BF136513.D\data.ms (-1267) (-)



Abundance Scan 1453 (10.633 min): BF136408.D\data.ms (-1463) (-)

2,4,6-Tribromophenol

Concen: 79.192 ng

RT: 10.622 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136513.D

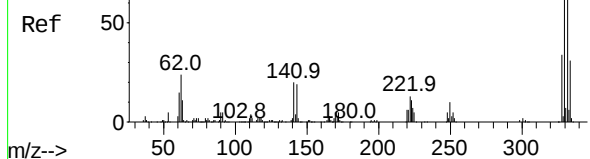
Acq: 12 Dec 2023 13:39

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



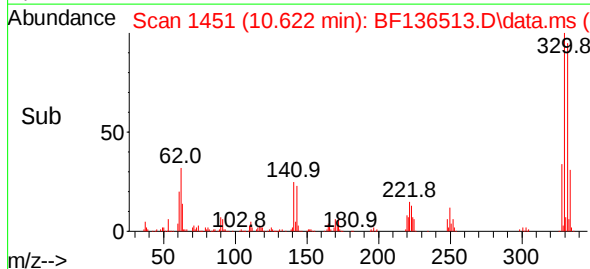
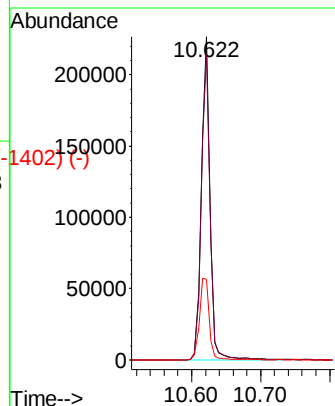
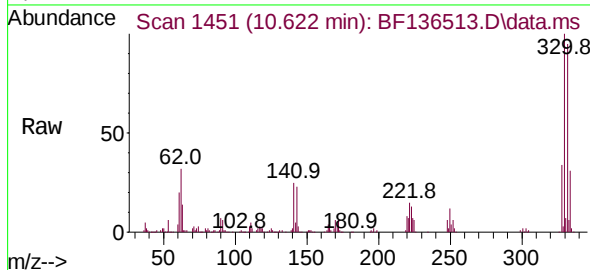
Tgt Ion:330 Resp: 195551

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 29.3 23.4 35.2



Abundance Scan 1203 (9.163 min): BF136408.D\data.ms (-1196) (-)

2-Fluorobiphenyl

Concen: 57.243 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

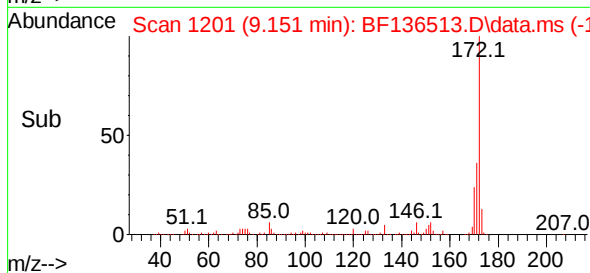
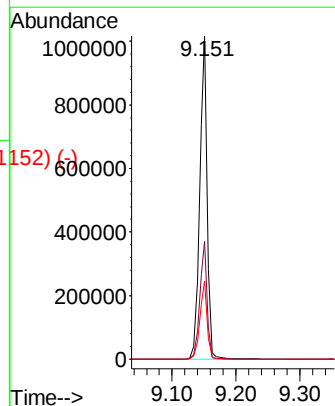
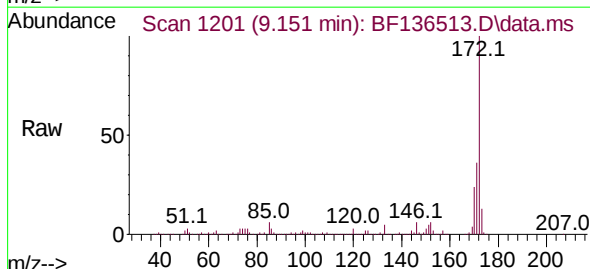
Tgt Ion:172 Resp: 840152

Ion Ratio Lower Upper

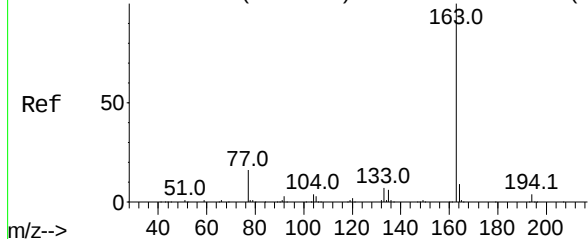
172 100

171 36.4 30.5 45.7

170 24.1 19.9 29.9



Abundance Scan 1272 (9.569 min): BF136408.D\data.ms (-12649)



Dimethylphthalate

Concen: 2.688 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

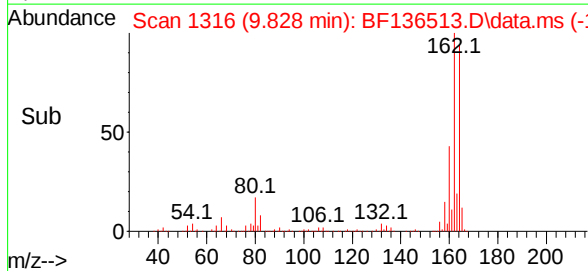
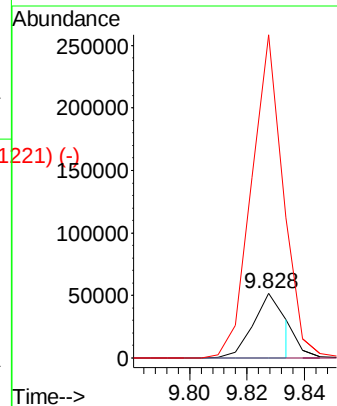
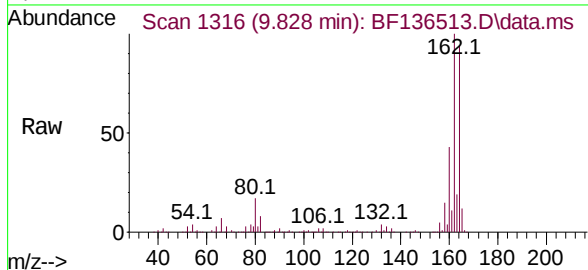
Tgt Ion:163 Resp: 39640

Ion Ratio Lower Upper

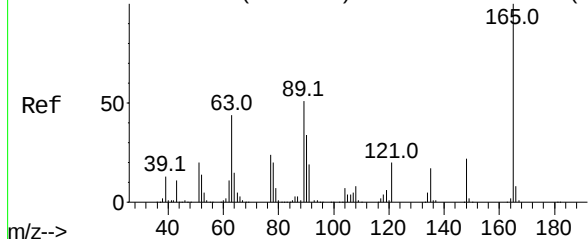
163 100

194 0.0 3.0 4.6#

164 500.5 7.4 11.2#



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



2,6-Dinitrotoluene

Concen: 7.834 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.200 min

Lab File: BF136513.D

Acq: 12 Dec 2023 13:39

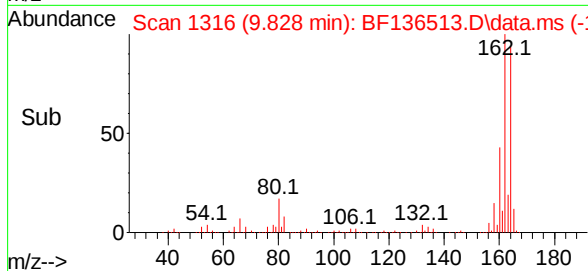
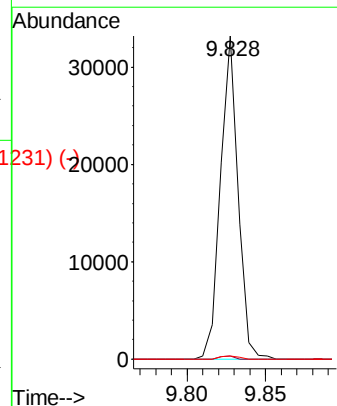
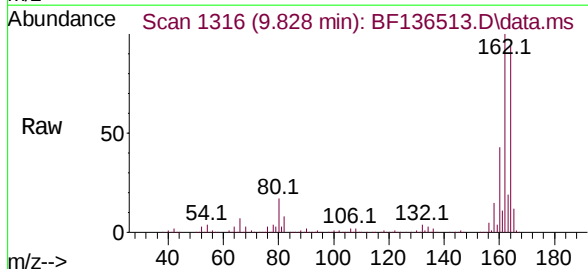
Tgt Ion:165 Resp: 25986

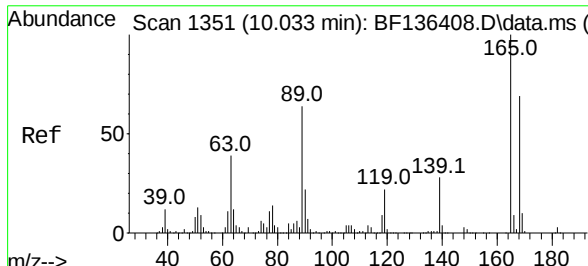
Ion Ratio Lower Upper

165 100

63 1.0 40.4 60.6#

89 0.9 40.6 60.8#

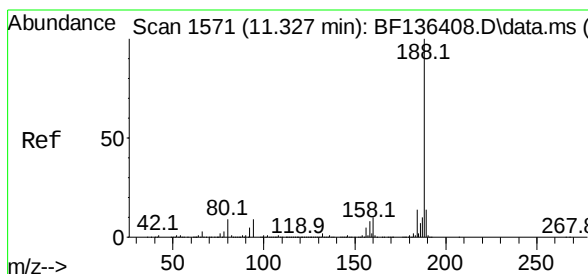
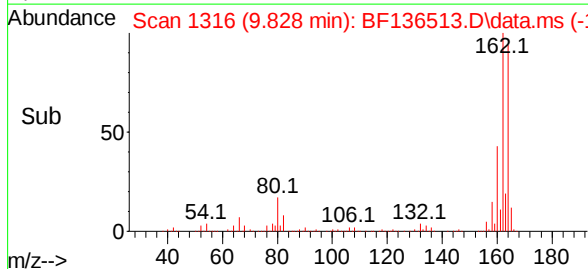
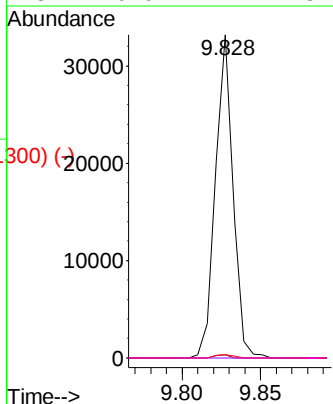
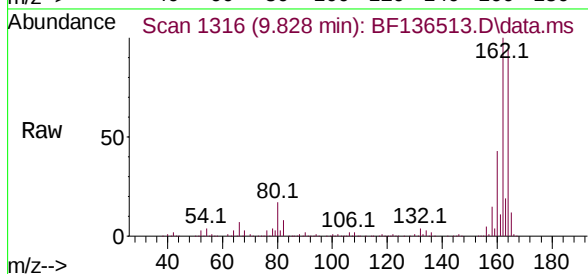




Scan 1351 (10.033 min): BF136408.D\data.ms (-1351) (-)
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 9.828 min Scan# 1351
 Delta R.T. -0.206 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

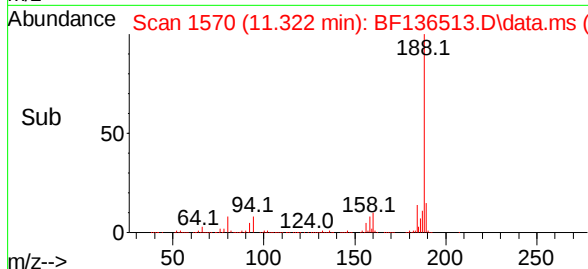
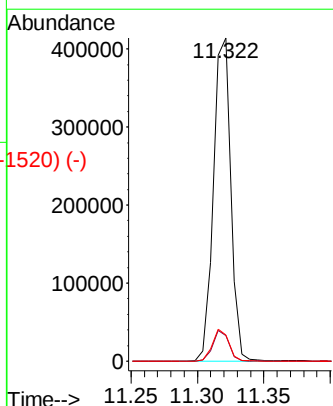
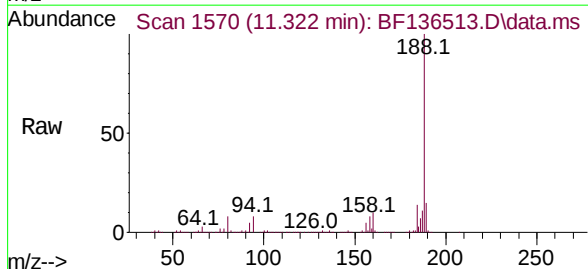
Instrument :
 BNA_F
 ClientSampleId :
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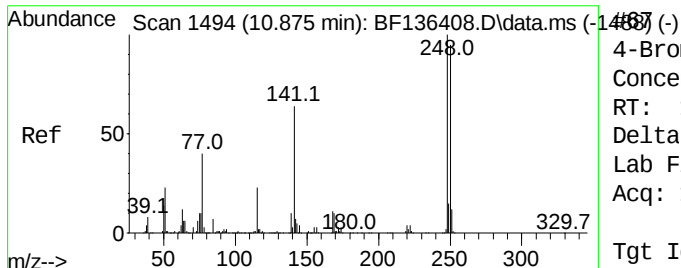
Tgt Ion:	165	Resp:	25986
Ion	Ratio	Lower	Upper
165	100		
63	1.0	31.4	47.2#
89	0.9	51.7	77.5#
182	0.0	2.2	3.2#



Scan 1571 (11.327 min): BF136408.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

Tgt Ion:	188	Resp:	375458
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.2	7.2	10.8

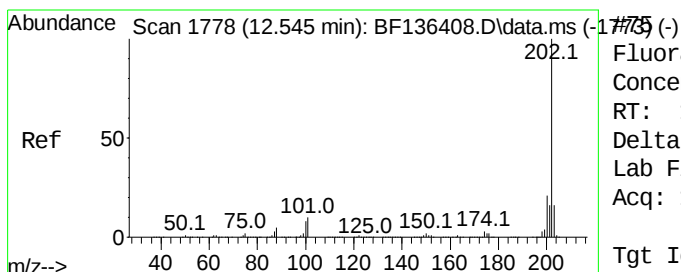
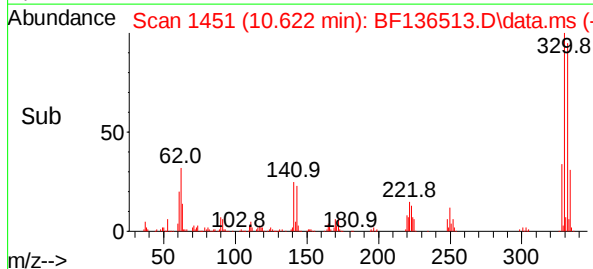
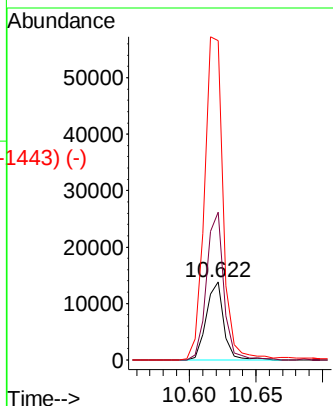
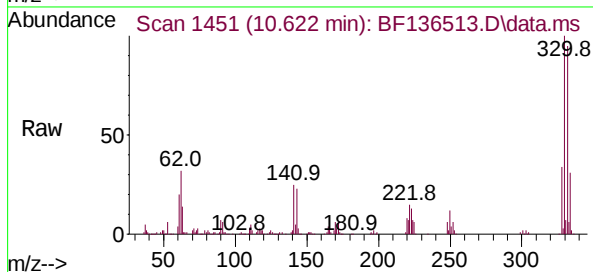




4-Bromophenyl-phenylether
Concen: 2.909 ng
RT: 10.622 min Scan# 1487
Delta R.T. -0.253 min
Lab File: BF136513.D
Acq: 12 Dec 2023 13:39

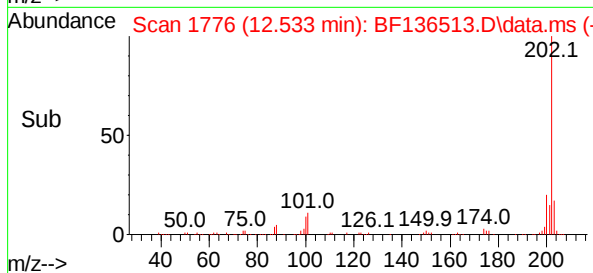
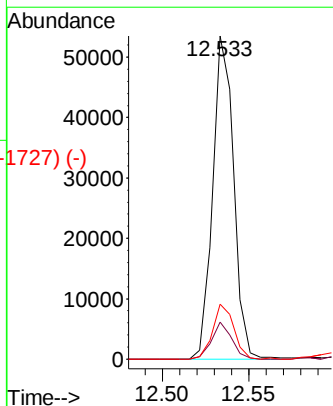
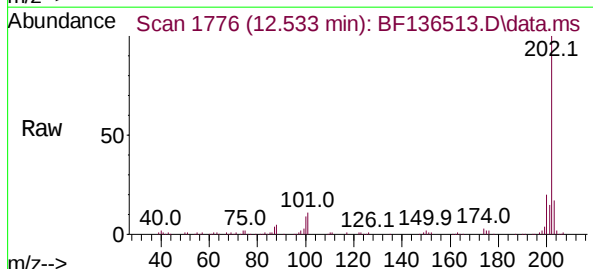
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

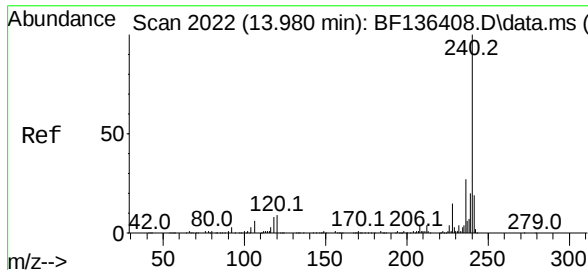
Tgt Ion:	248	Resp:	12698
Ion	Ratio	Lower	Upper
248	100		
250	189.6	76.2	114.2#
141	410.0	51.0	76.4#



Fluoranthene
Concen: 2.117 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF136513.D
Acq: 12 Dec 2023 13:39

Tgt Ion:	202	Resp:	45791
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	29.9
203	17.1	0.0	36.3

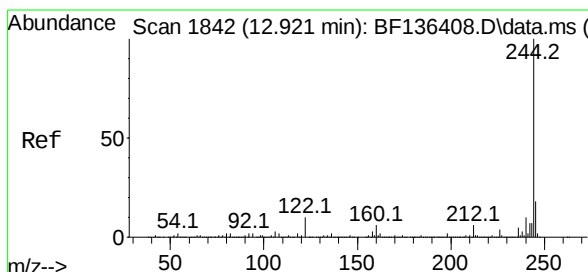
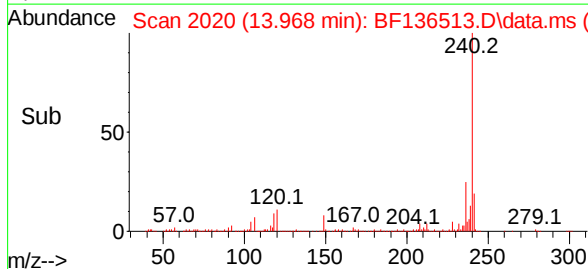
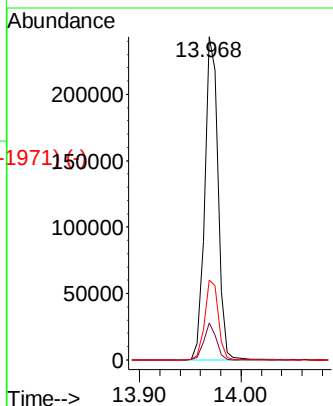
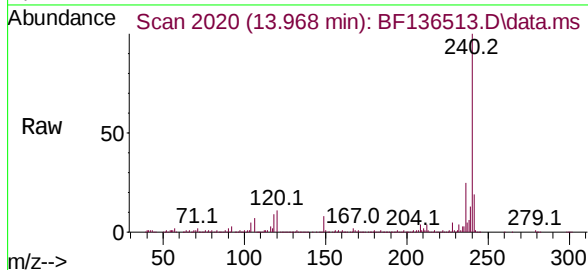




Chrysene-d12
 Concen: 20.000 ng
 RT: 13.968 min Scan# 175
 Delta R.T. -0.012 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

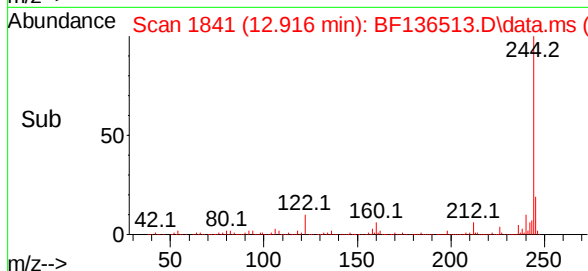
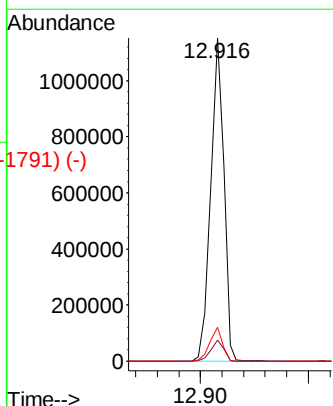
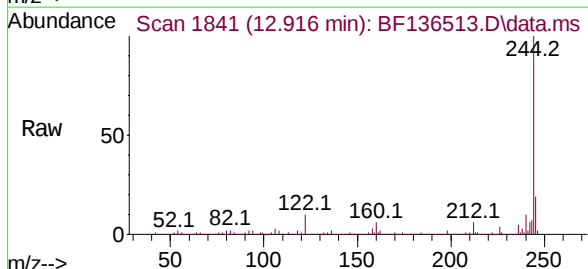
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

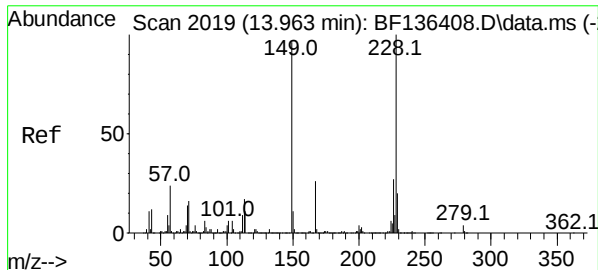
Tgt Ion:	240	Resp:	221292
Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.3	10.9#
236	24.8	21.3	31.9



Terphenyl-d14
 Concen: 57.888 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

Tgt Ion:	244	Resp:	971913
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	10.4	8.3	12.5

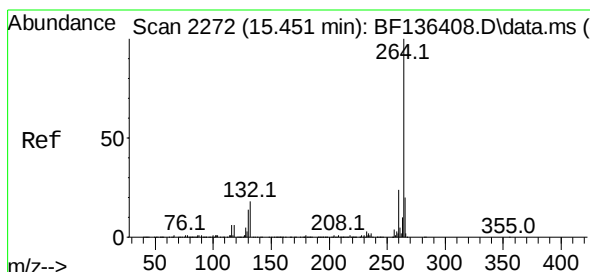
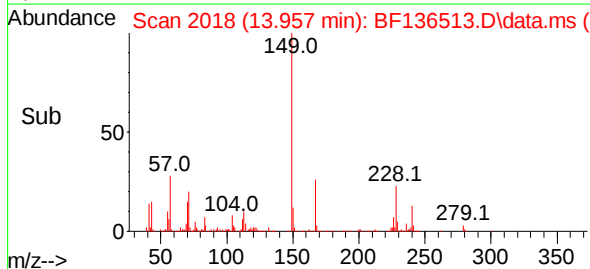
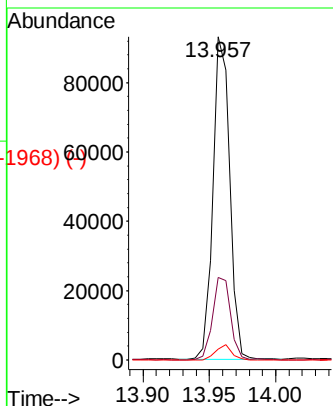
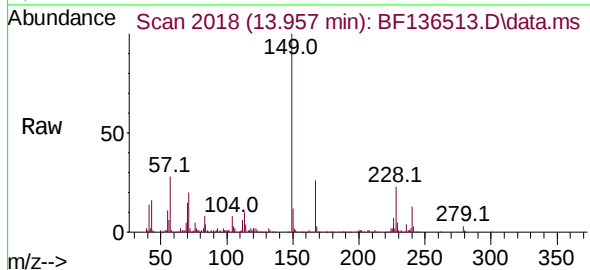




Bis(2-ethylhexyl)phthalate
 Concen: 8.619 ng
 RT: 13.957 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

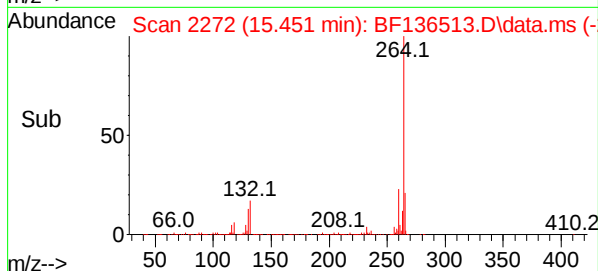
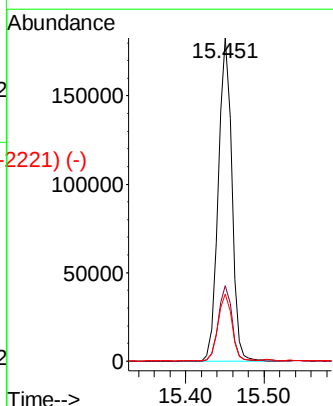
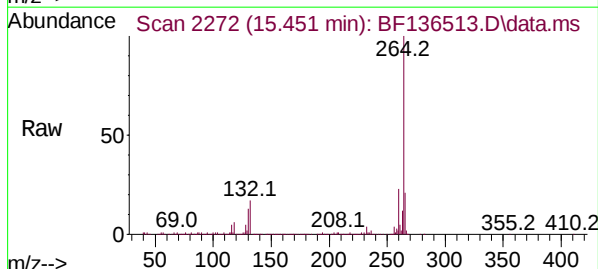
Instrument :
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 ClientSampleId :
 SB-01-COMP

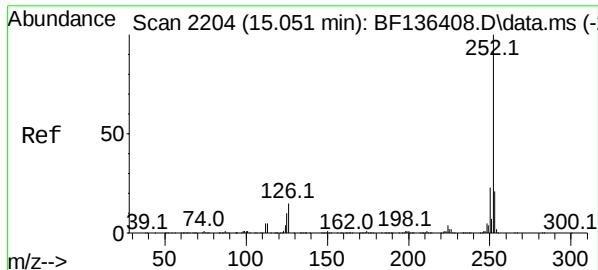
Tgt Ion:	149	Resp:	81515
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.2	31.8
279	3.3	3.1	4.7



Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

Tgt Ion:	264	Resp:	217923
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.7	15.9	23.9





Benzo(k)fluoranthene
 Concen: 2.071 ng
 RT: 15.015 min Scan# 1
 Delta R.T. -0.035 min
 Lab File: BF136513.D
 Acq: 12 Dec 2023 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:252 Resp: 29074
 Ion Ratio Lower Upper
 252 100
 253 23.7 16.9 25.3
 125 11.7 7.5 11.3#

