

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136431.D
 Acq On : 06 Dec 2023 16:41
 Operator : CG\JU
 Sample : 05602-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 00:53:04 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)

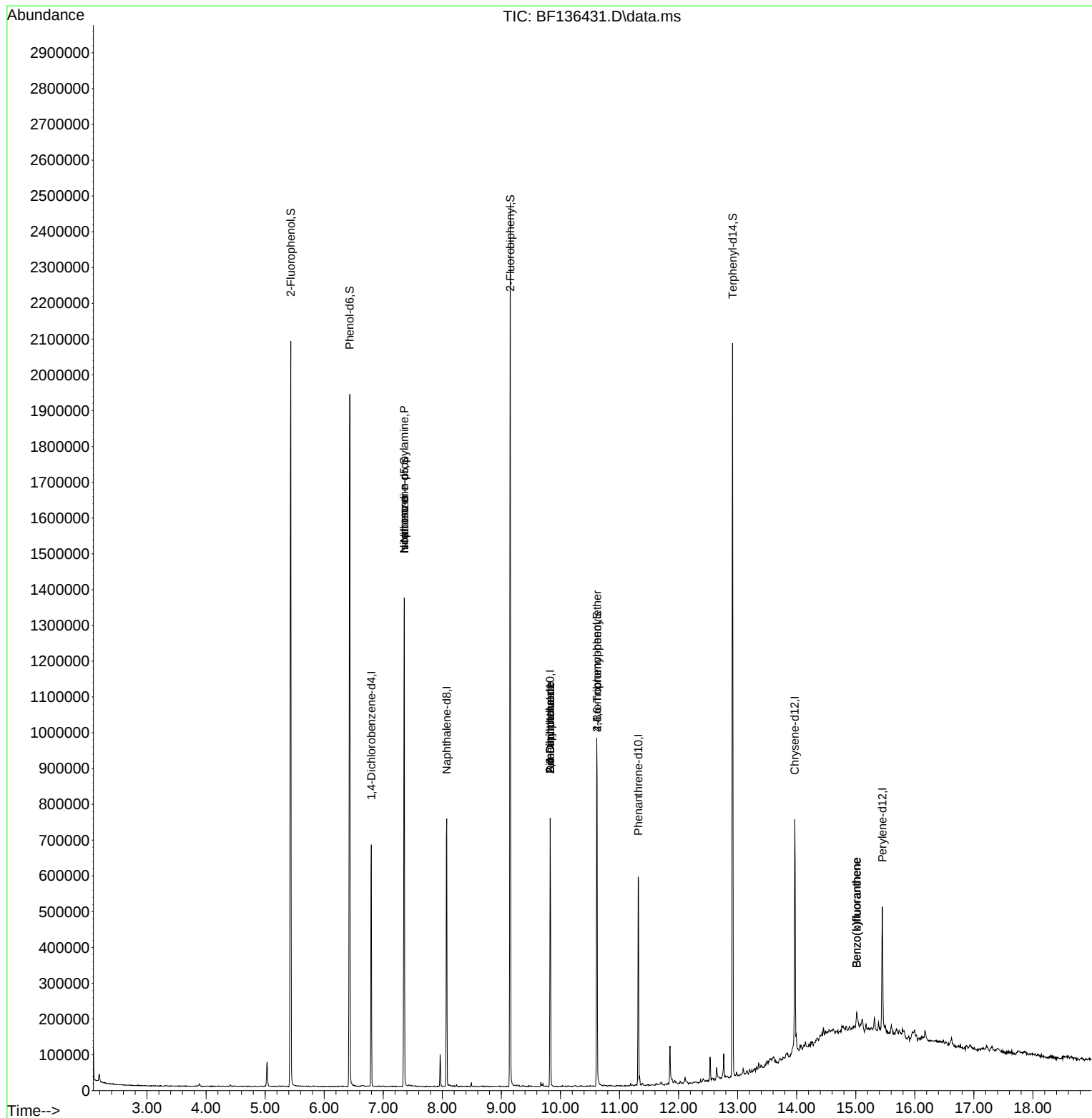
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	98742	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	342582	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	136580	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	226798	20.000	ng	0.00
76) Chrysene-d12	13.968	240	206475	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	159008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	583193	87.225	ng	0.00
7) Phenol-d6	6.434	99	700629	83.989	ng	-0.01
23) Nitrobenzene-d5	7.357	82	411022	64.860	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	129722	77.030	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	686058	68.541	ng	-0.01
79) Terphenyl-d14	12.916	244	681559	43.508	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	974	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	54233	11.270	ng	# 74
25) Isophorone	7.357	82	411014	36.101	ng	# 65
50) Dimethylphthalate	9.828	163	26701	2.655	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	17590	7.776	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	17590	5.878	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	8204	3.111	ng	# 1
77) Benzidine	12.916	184	8516	Below Cal	#	96
88) Benzo(b)fluoranthene	15.015	252	22136	2.036	ng	# 72
89) Benzo(k)fluoranthene	15.015	252	22136	2.161	ng	# 72

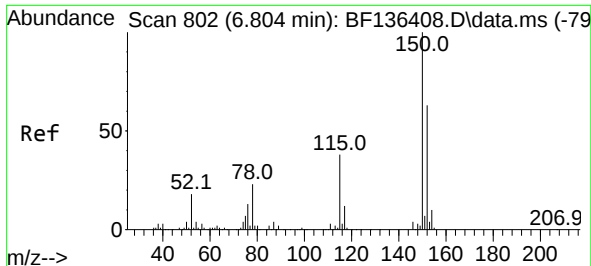
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136431.D
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BNA_F
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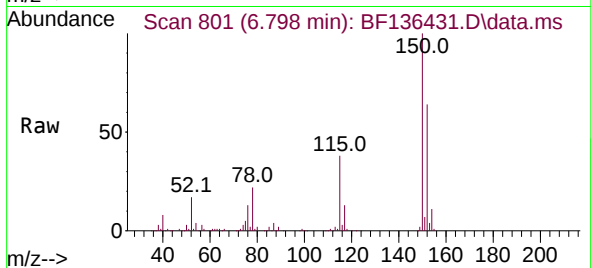
Quant Time: Dec 07 00:53:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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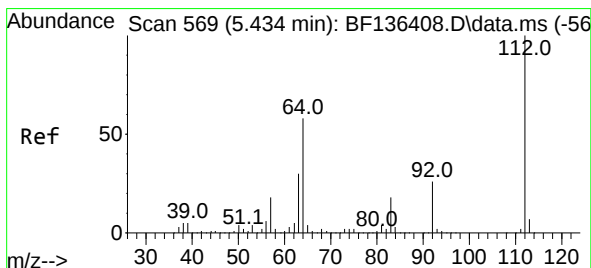
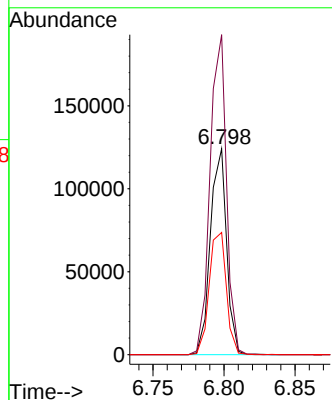
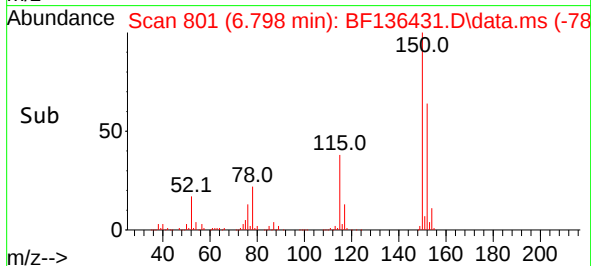


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Instrument :
BNA_F
ClientSampleId :

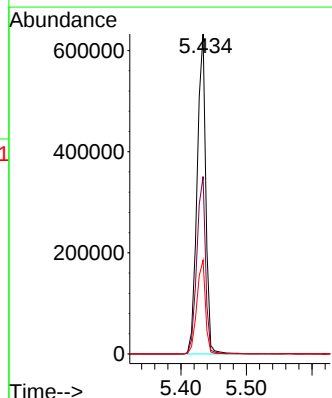
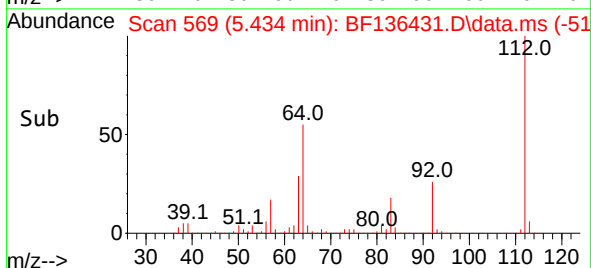
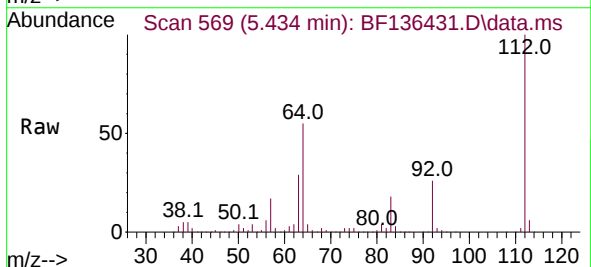


Tgt Ion:152 Resp: 98742
Ion Ratio Lower Upper
152 100
150 155.4 126.4 189.6
115 59.4 48.2 72.4



#5
2-Fluorophenol
Concen: 87.225 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:112 Resp: 583193
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 29.3 23.9 35.9



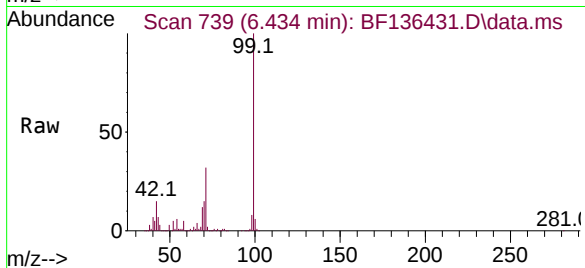


#7
Phenol-d6
Concen: 83.989 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Instrument :

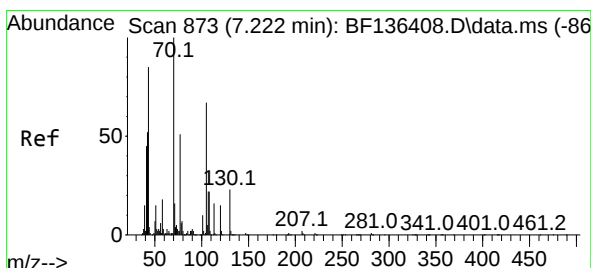
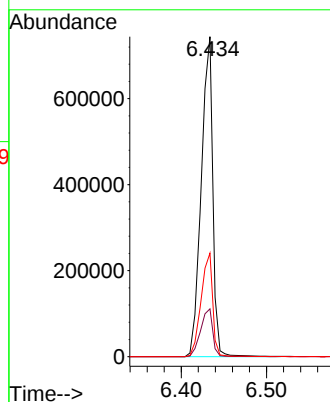
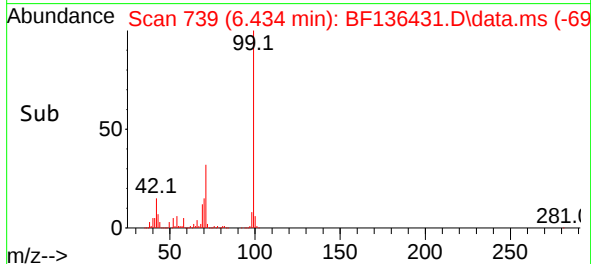
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 700629

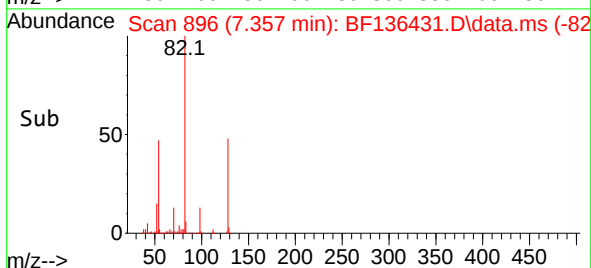
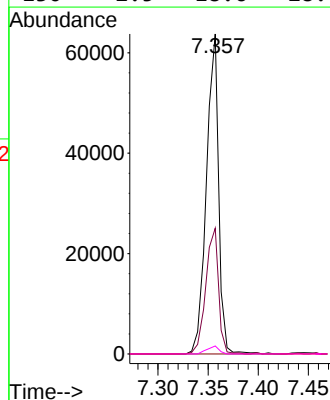
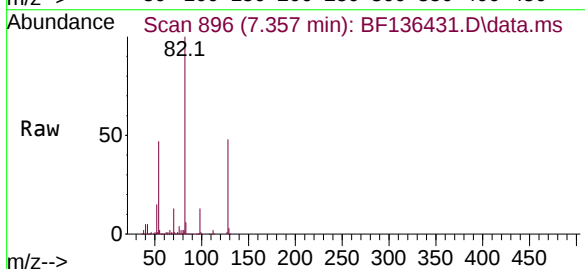
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	32.3	27.0	40.4

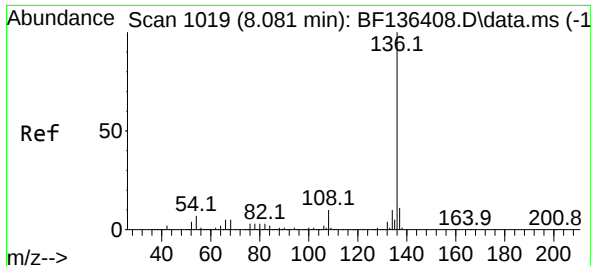


#19
n-Nitroso-di-n-propylamine
Concen: 11.270 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion: 70 Resp: 54233

Ion	Ratio	Lower	Upper
70	100		
42	39.3	41.4	62.0#
101	0.0	8.2	12.4#
130	2.5	18.6	28.0#



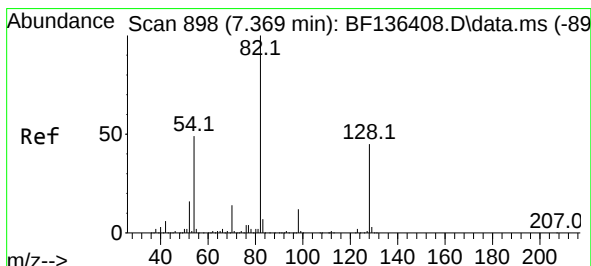
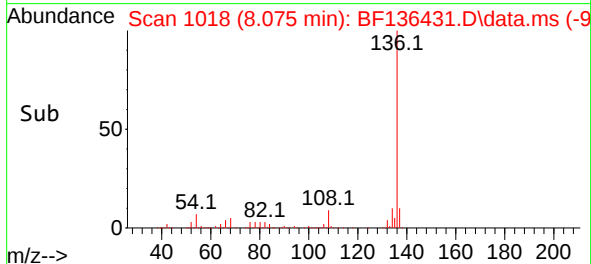
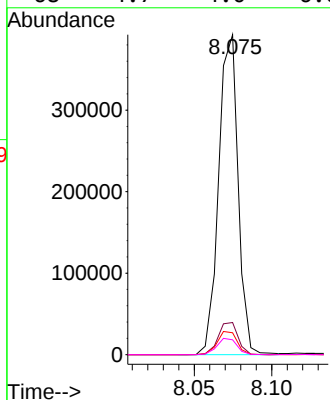
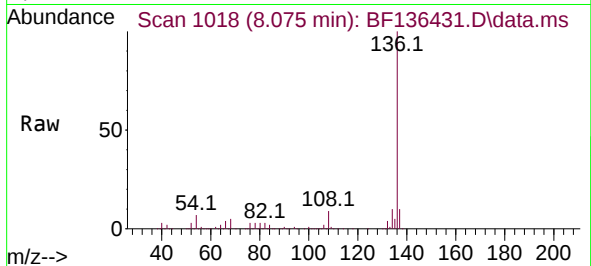


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 342582

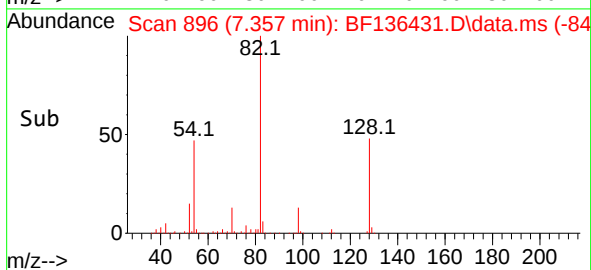
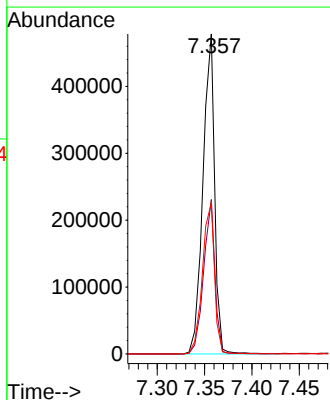
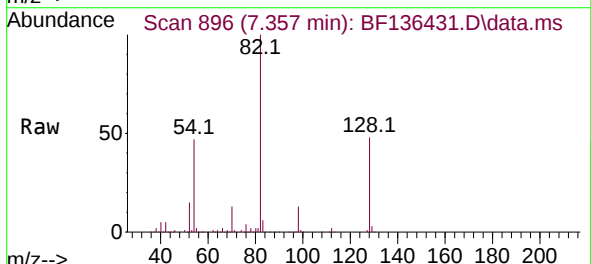
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	12.8
54	6.8	5.7	8.5
68	4.7	4.0	6.0

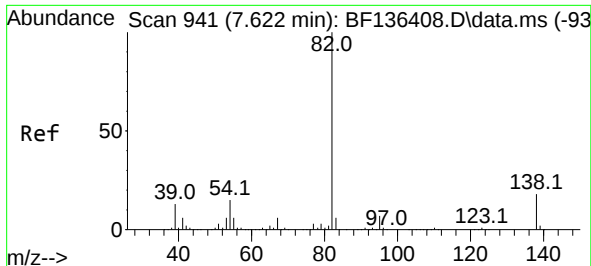


#23
Nitrobenzene-d5
Concen: 64.860 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion: 82 Resp: 411022

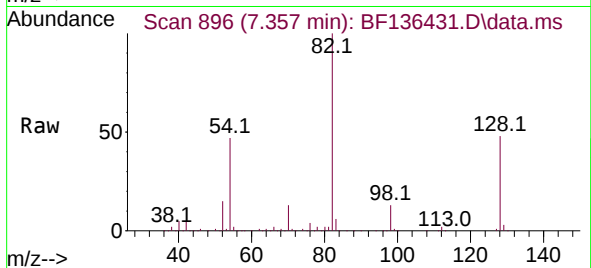
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.3	54.5
54	47.3	39.0	58.6



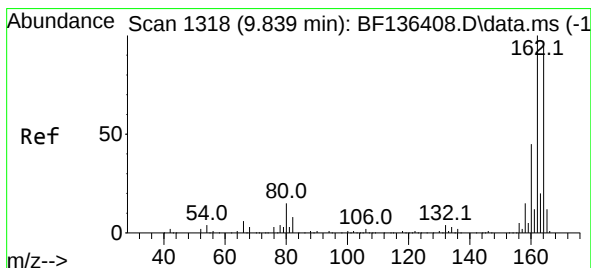
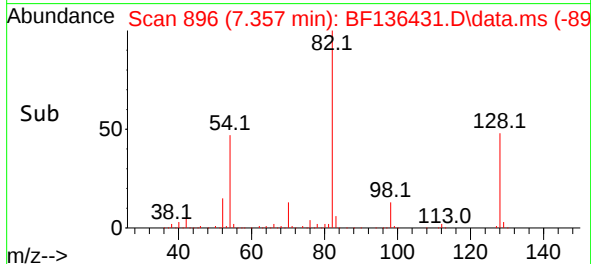
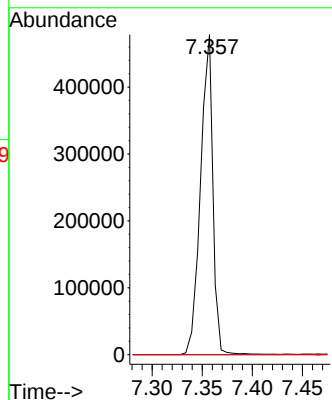


#25
Isophorone
Concen: 36.101 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Instrument :
BNA_F
ClientSampleId :

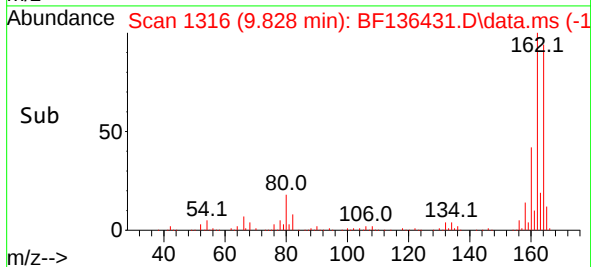
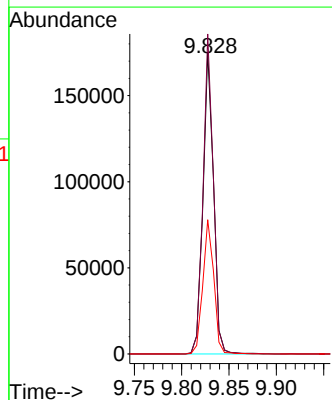
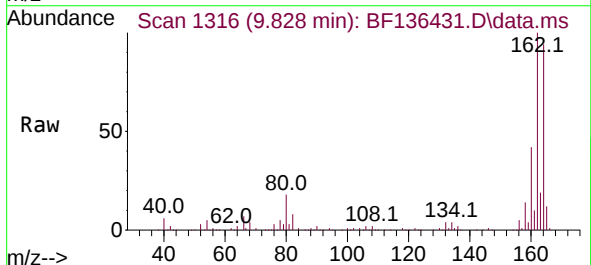


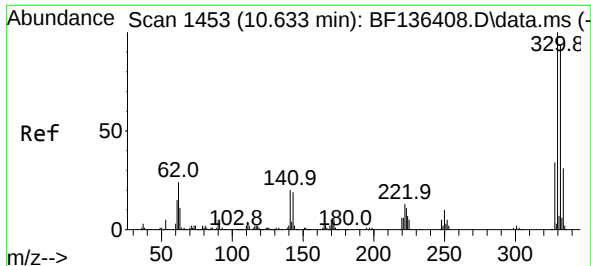
Tgt Ion: 82 Resp: 411014
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:164 Resp: 136580
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 44.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 77.030 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

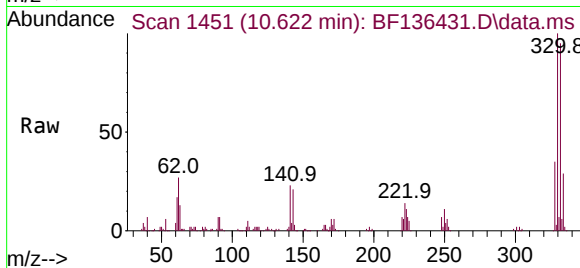
Lab File: BF136431.D

Acq: 06 Dec 2023 16:41

Instrument :

BNA_F

ClientSampleId :



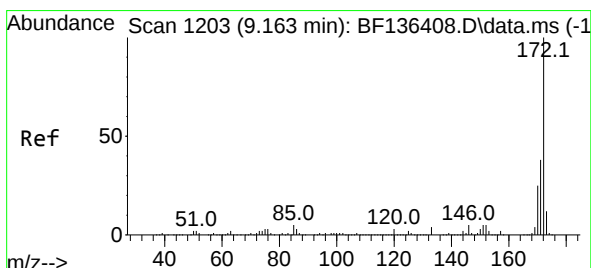
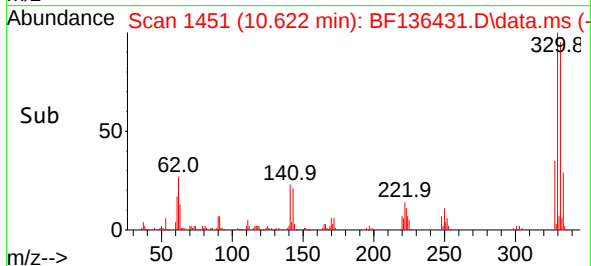
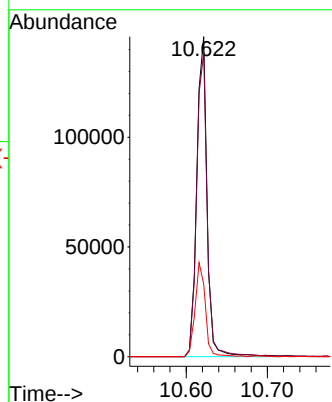
Tgt Ion:330 Resp: 129722

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 68.541 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136431.D

Acq: 06 Dec 2023 16:41

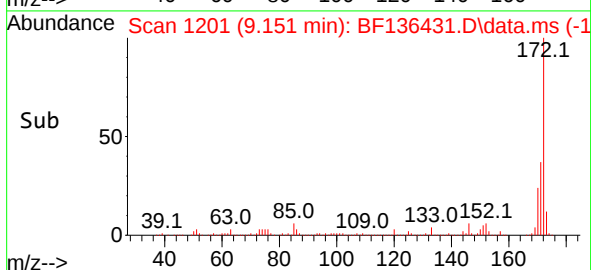
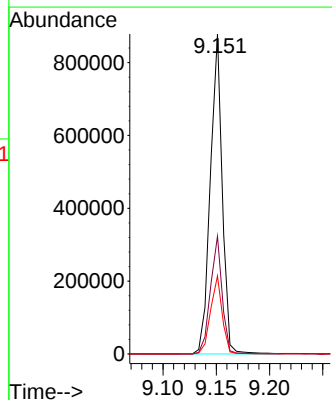
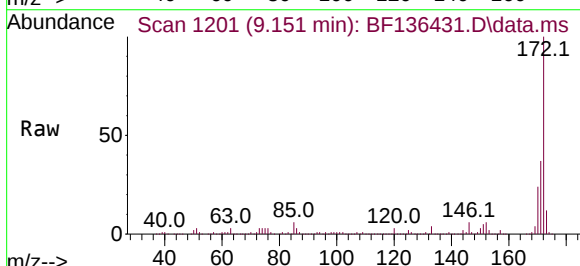
Tgt Ion:172 Resp: 686058

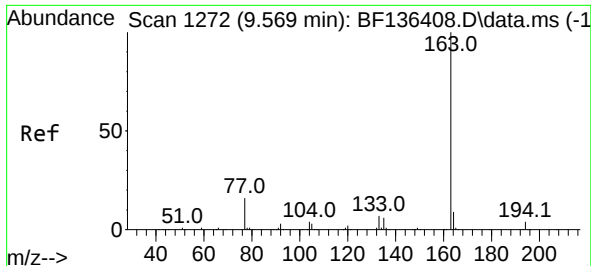
Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.4 19.9 29.9

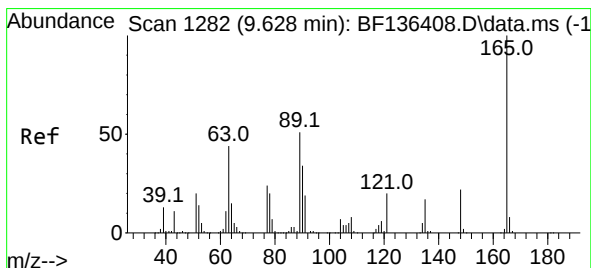
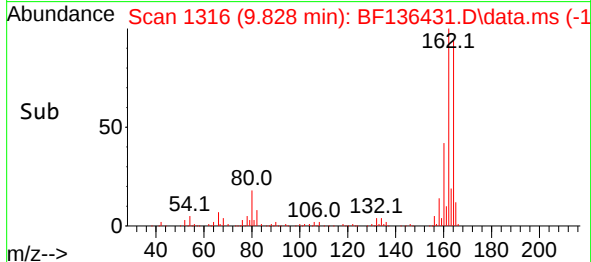
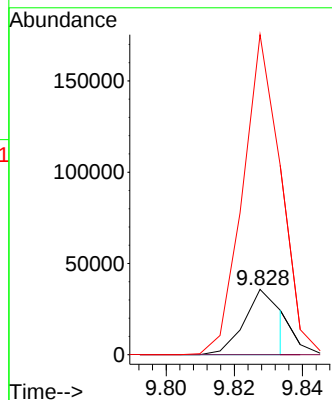
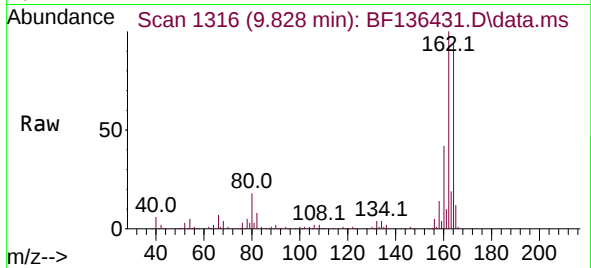




#50
Dimethylphthalate
Concen: 2.655 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

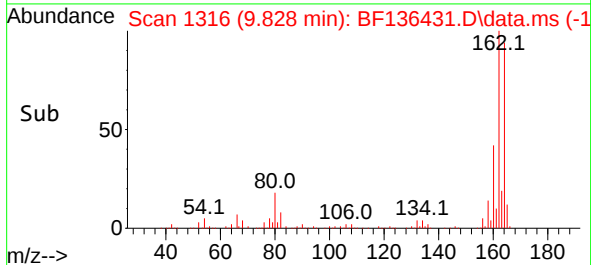
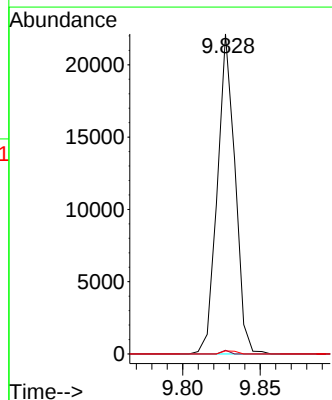
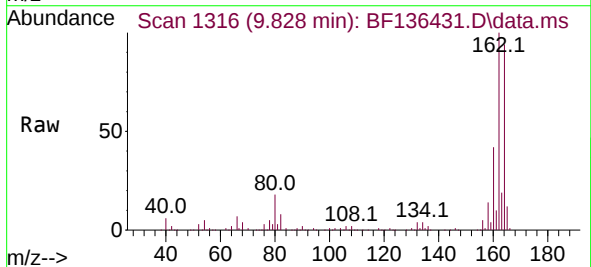
Instrument :
BNA_F
ClientSampleId :

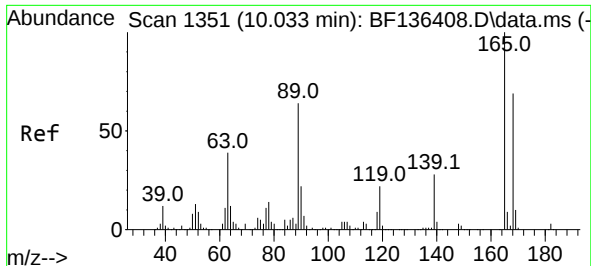
Tgt Ion:163 Resp: 26701
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 490.6 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

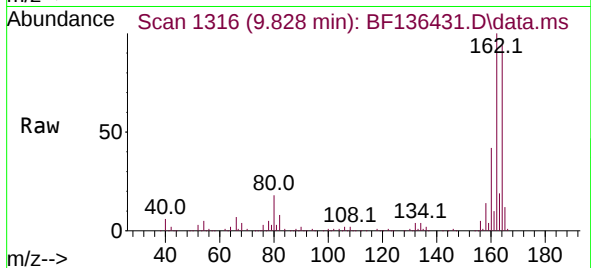
Tgt Ion:165 Resp: 17590
Ion Ratio Lower Upper
165 100
63 1.2 40.4 60.6#
89 1.0 40.6 60.8#



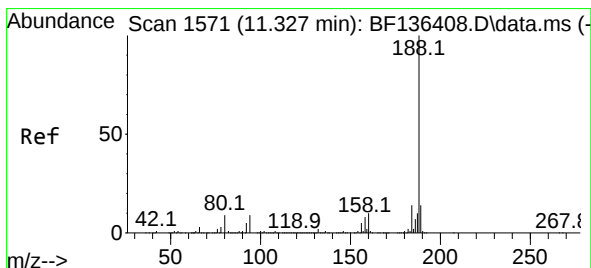
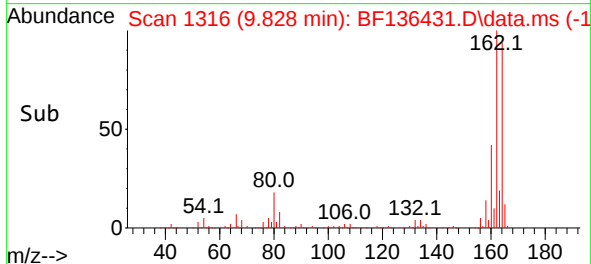
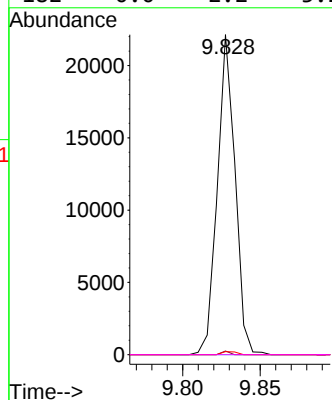


#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Instrument :
BNA_F
ClientSampleId :

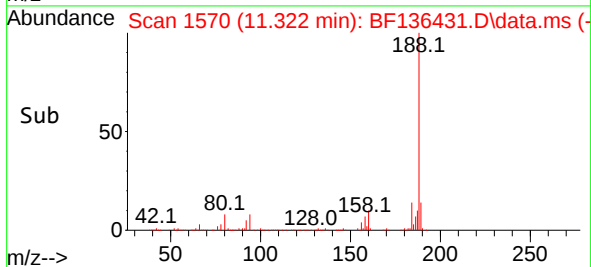
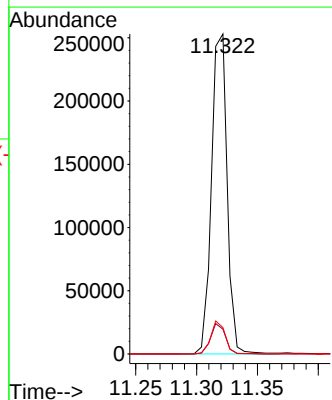
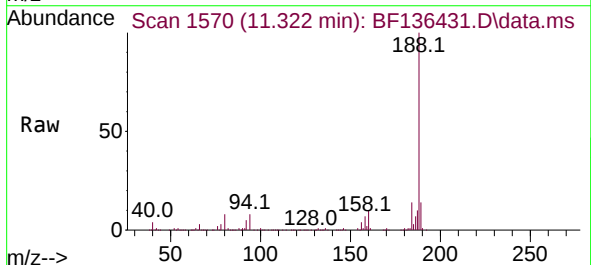


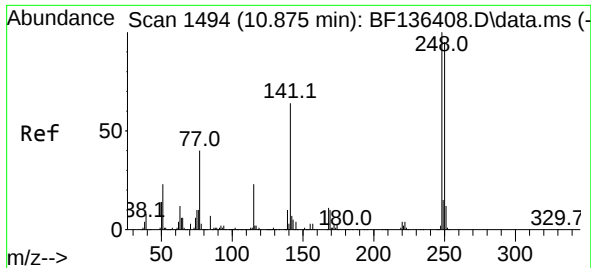
Tgt Ion:165 Resp: 17590
Ion Ratio Lower Upper
165 100
63 1.2 31.4 47.2#
89 1.0 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:188 Resp: 226798
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.2 7.2 10.8

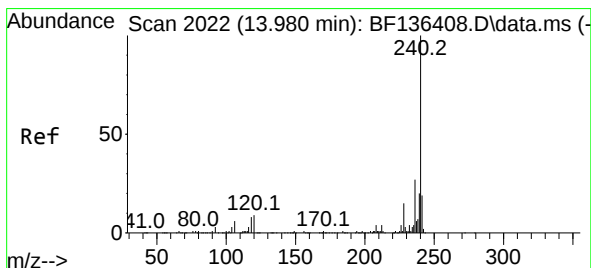
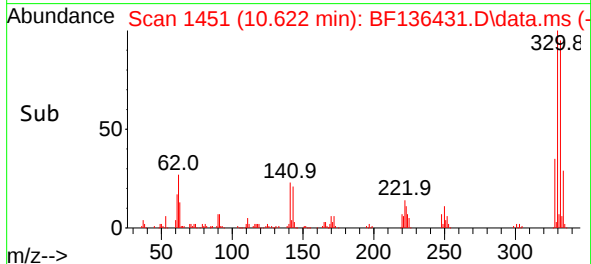
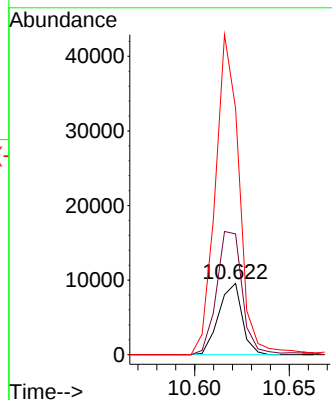
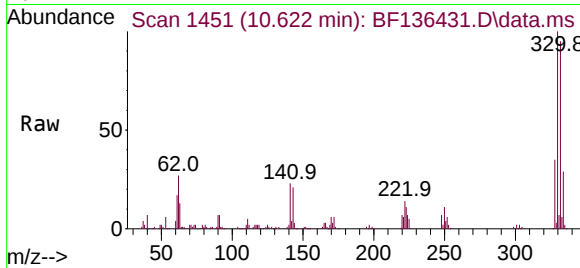




#67
4-Bromophenyl-phenylether
Concen: 3.111 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

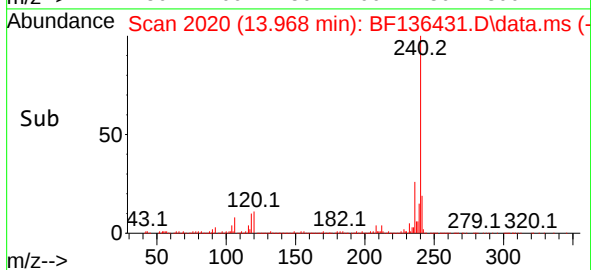
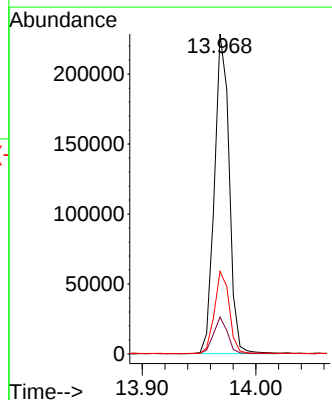
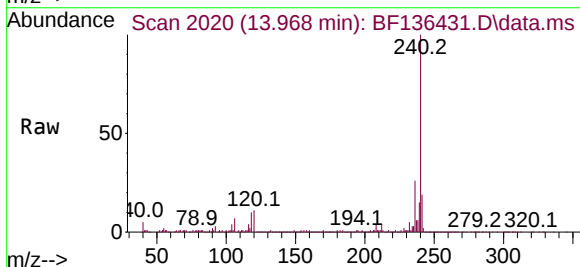
Instrument :
BNA_F
ClientSampleId :

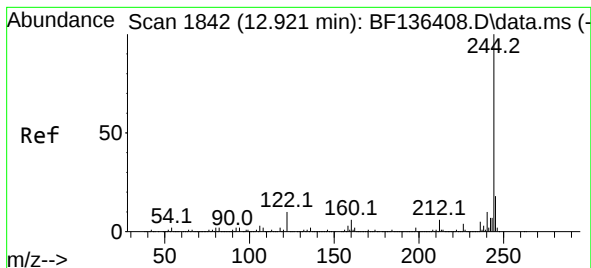
Tgt Ion:248 Resp: 8204
Ion Ratio Lower Upper
248 100
250 169.3 76.2 114.2#
141 345.5 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:240 Resp: 206475
Ion Ratio Lower Upper
240 100
120 11.5 7.3 10.9#
236 25.8 21.3 31.9





#79

Terphenyl-d14

Concen: 43.508 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136431.D

Acq: 06 Dec 2023 16:41

Instrument :

BNA_F

ClientSampleId :

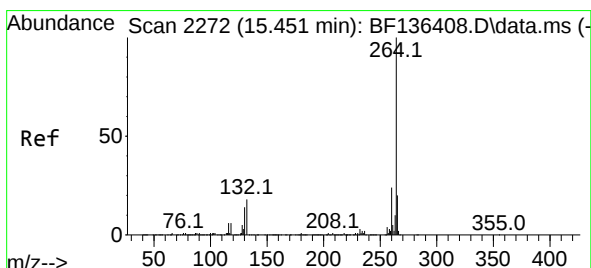
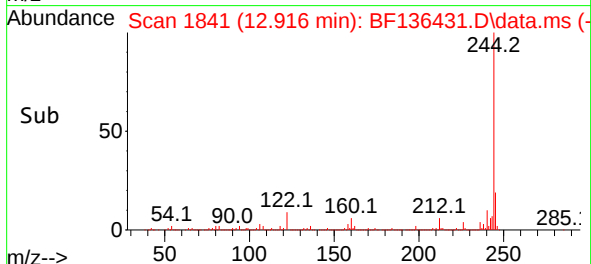
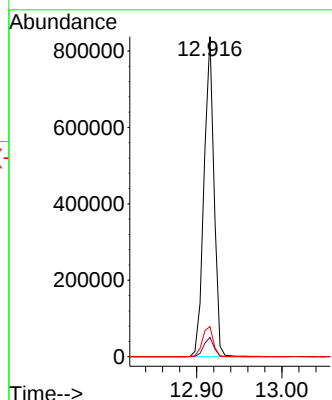
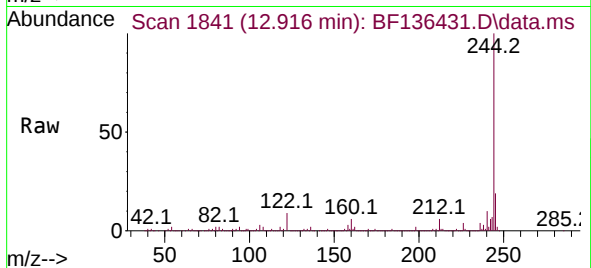
Tgt Ion:244 Resp: 681559

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136431.D

Acq: 06 Dec 2023 16:41

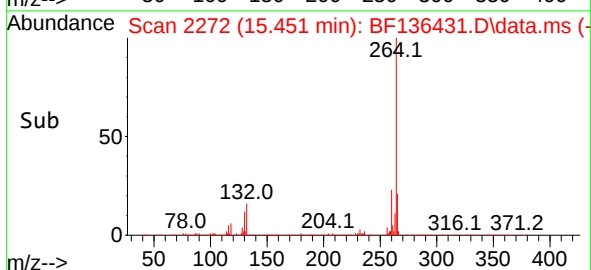
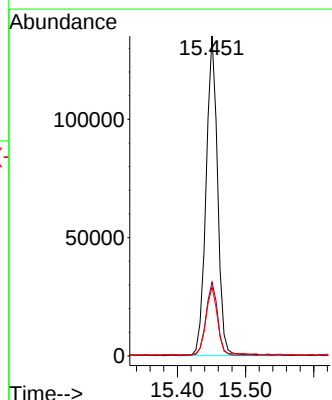
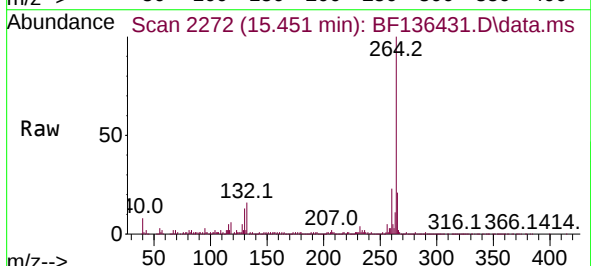
Tgt Ion:264 Resp: 159008

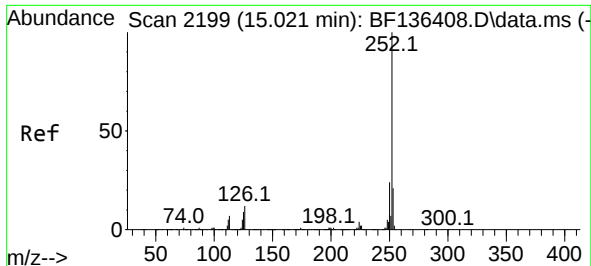
Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 15.9 23.9

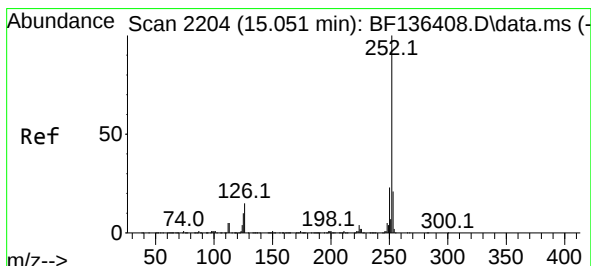
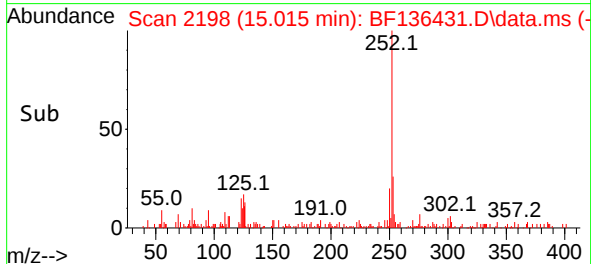
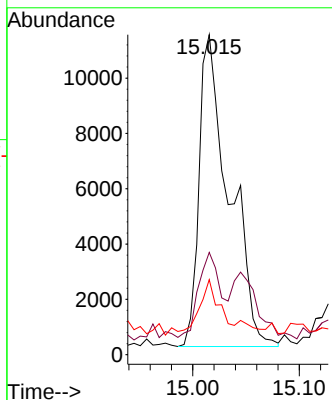
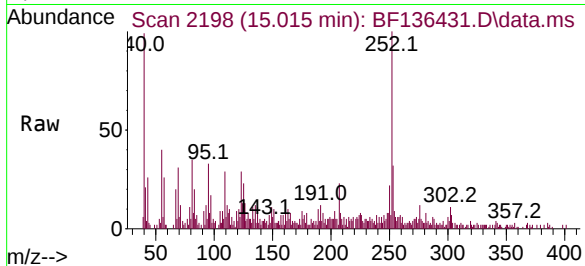




#88
Benzo(b)fluoranthene
Concen: 2.036 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22136
Ion Ratio Lower Upper
252 100
253 32.0 16.9 25.3#
125 23.5 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 2.161 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF136431.D
Acq: 06 Dec 2023 16:41

Tgt Ion:252 Resp: 22136
Ion Ratio Lower Upper
252 100
253 32.0 16.9 25.3#
125 23.5 7.5 11.3#

