

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140636.D
 Acq On : 26 Nov 2024 12:44
 Operator : RC/JU
 Sample : P4960-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Nov 26 13:16:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

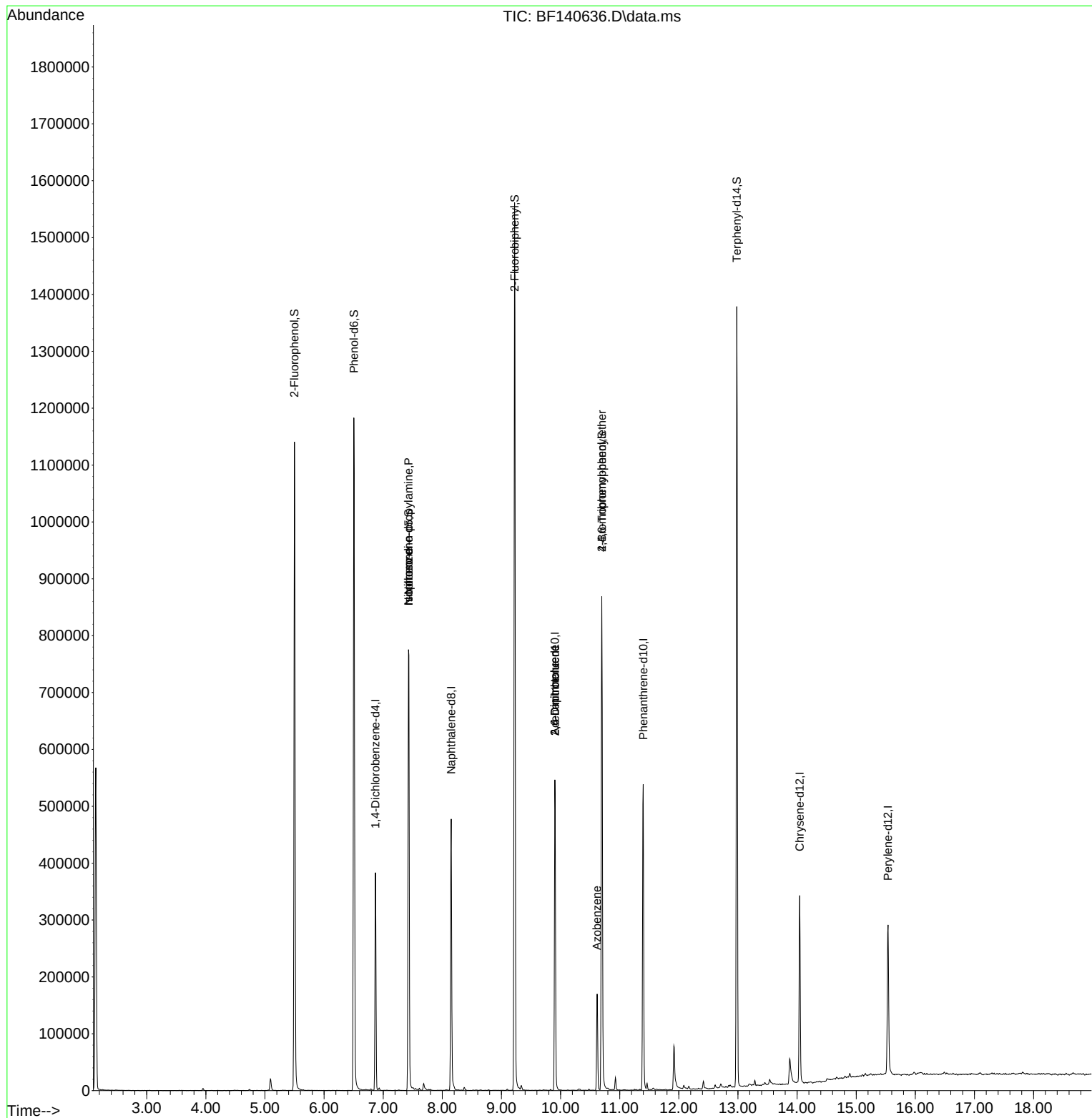
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80593	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316931	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	169233	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307469	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164786	20.000	ng	0.00
86) Perylene-d12	15.539	264	164960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	428939	90.809	ng	0.00
7) Phenol-d6	6.504	99	568424	91.027	ng	-0.01
23) Nitrobenzene-d5	7.428	82	379502	61.249	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	154356	85.281	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	710097	62.518	ng	-0.01
79) Terphenyl-d14	12.980	244	672321	63.530	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	50678	13.732	ng	# 76
25) Isophorone	7.428	82	371967	35.993	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22105	8.745	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22105	6.580	ng	# 18
63) Azobenzene	10.616	77	47459	4.426	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	9974	3.150	ng	# 1

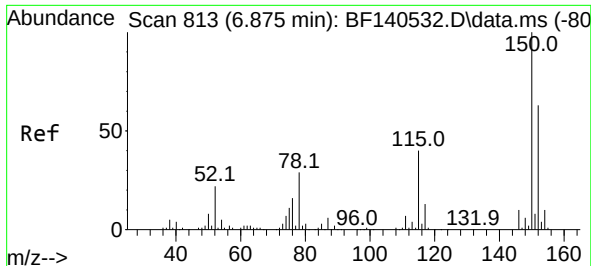
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140636.D
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Sample : P4960-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 26 13:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

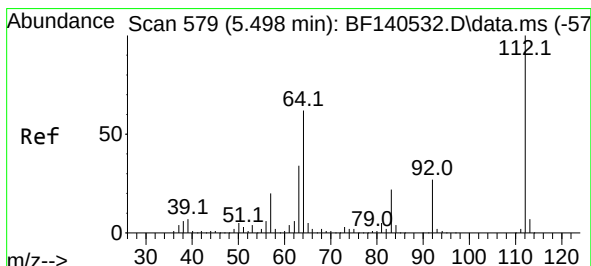
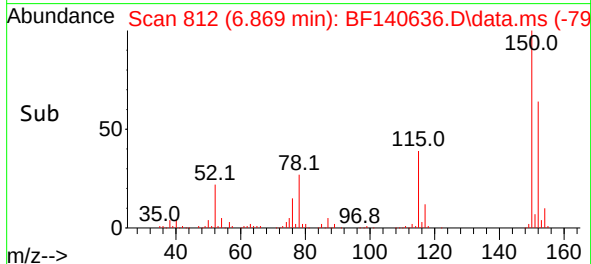
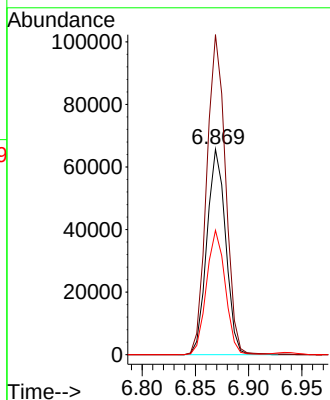
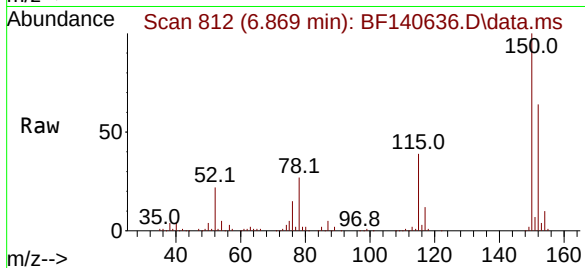




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

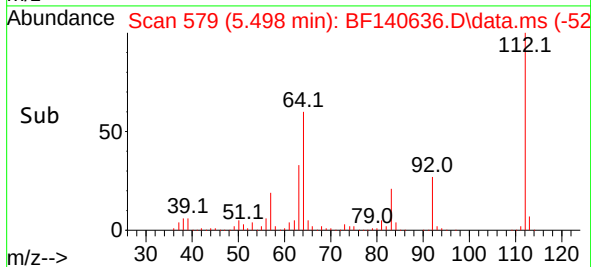
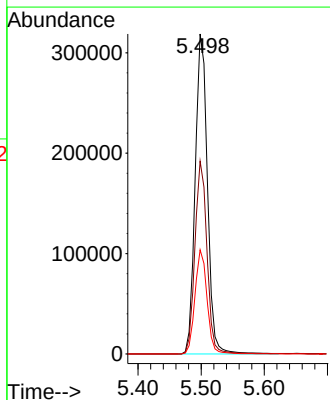
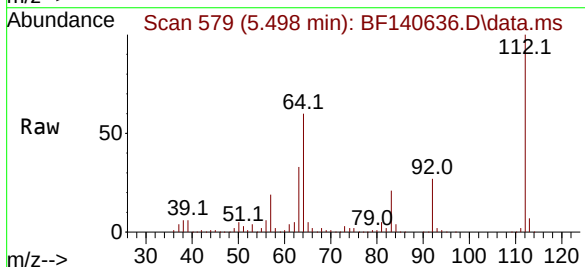
Instrument :
BNA_F
ClientSampleId :
B2

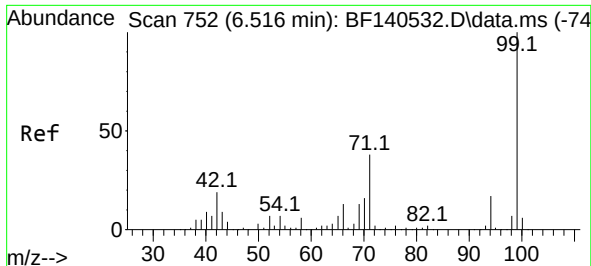
Tgt Ion:152 Resp: 80593
Ion Ratio Lower Upper
152 100
150 155.7 128.5 192.7
115 60.5 50.2 75.4



#5
2-Fluorophenol
Concen: 90.809 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion:112 Resp: 428939
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 32.6 27.0 40.4

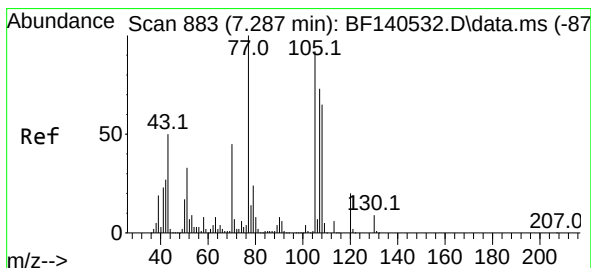
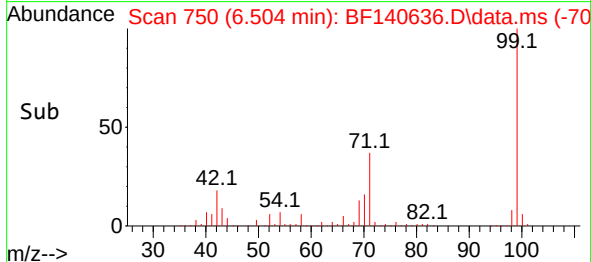
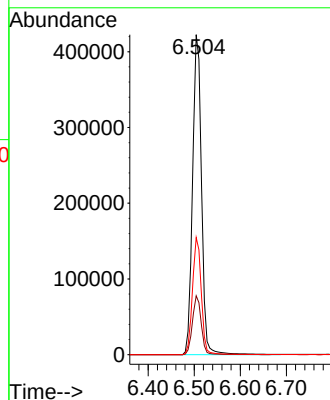
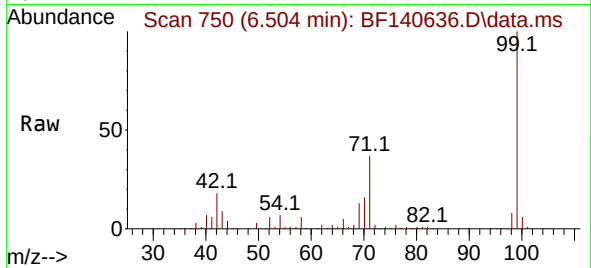




#7
Phenol-d6
Concen: 91.027 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

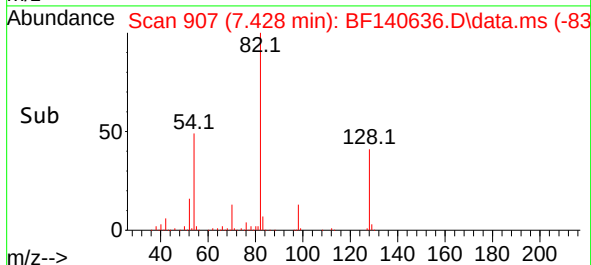
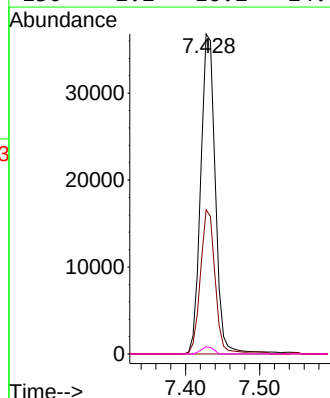
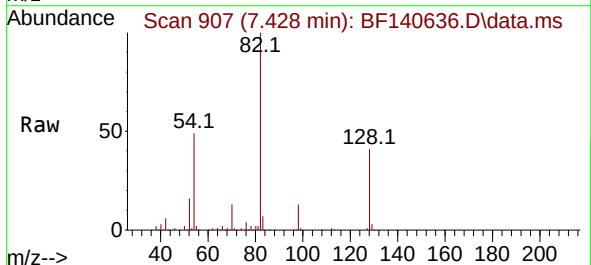
Instrument :
BNA_F
ClientSampleId :
B2

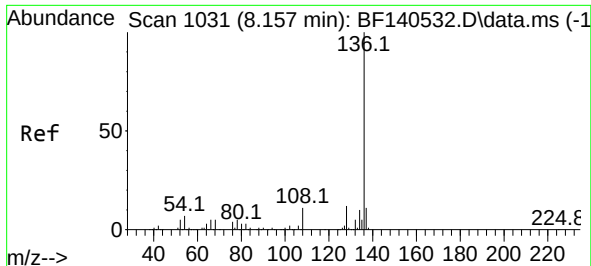
Tgt Ion: 99 Resp: 568424
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.732 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion: 70 Resp: 50678
Ion Ratio Lower Upper
70 100
42 45.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#

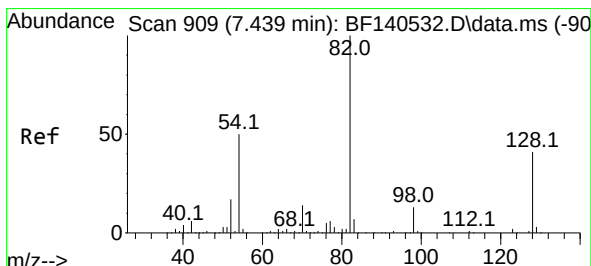
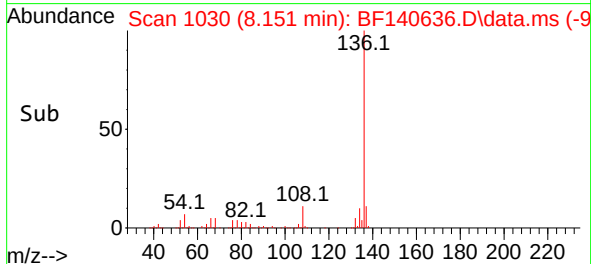
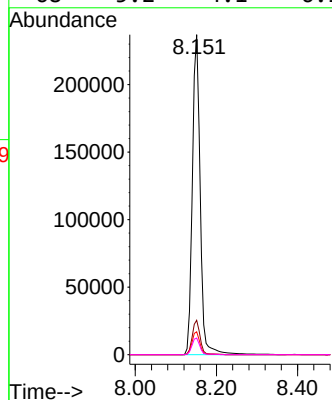
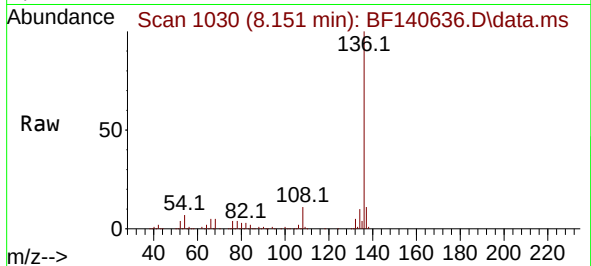




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

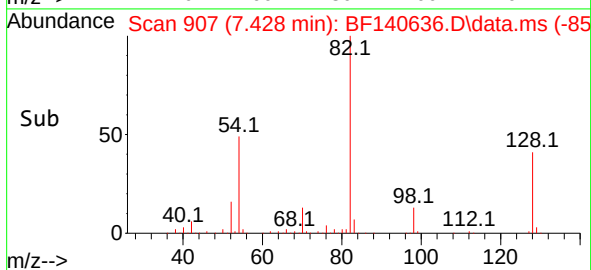
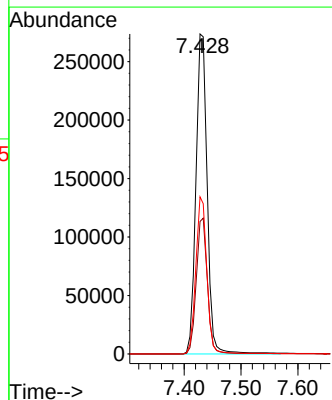
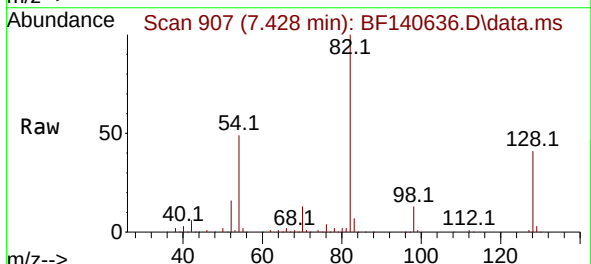
Instrument :
BNA_F
ClientSampleId :
B2

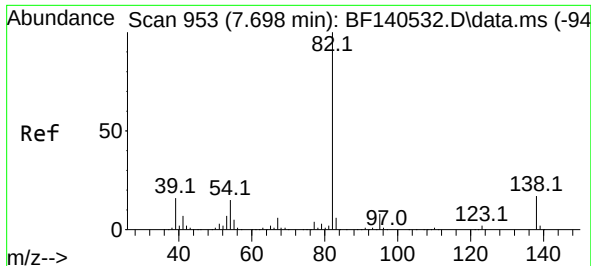
Tgt Ion:136 Resp: 316931
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 61.249 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion: 82 Resp: 379502
Ion Ratio Lower Upper
82 100
128 41.4 33.0 49.4
54 49.1 39.5 59.3

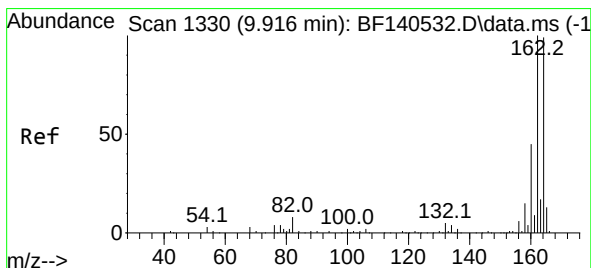
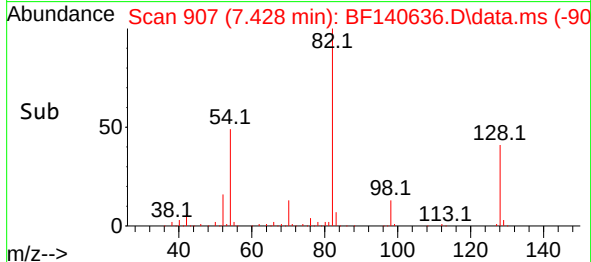
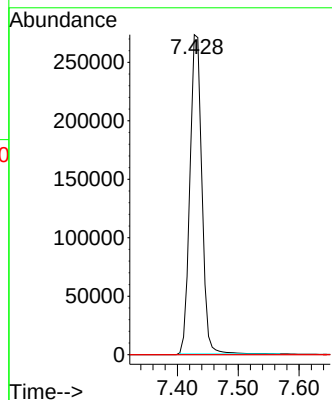
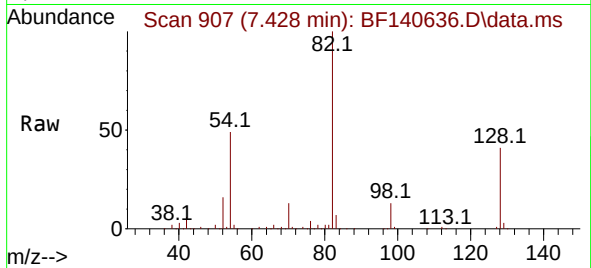




#25
Isophorone
Concen: 35.993 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

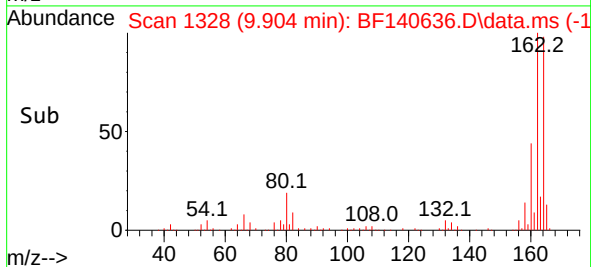
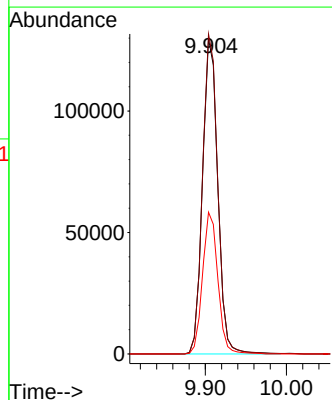
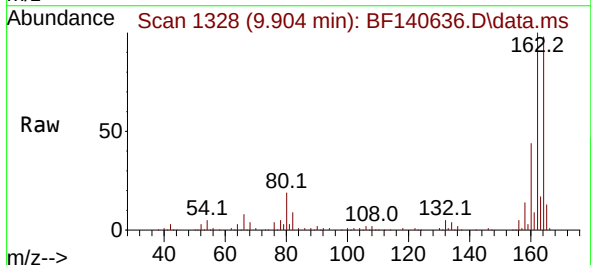
Instrument :
BNA_F
ClientSampleId :
B2

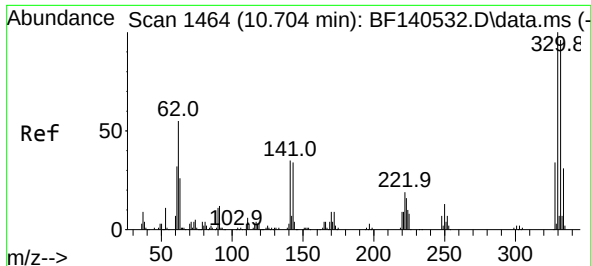
Tgt Ion: 82 Resp: 371967
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion: 164 Resp: 169233
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 85.281 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140636.D

Acq: 26 Nov 2024 12:44

Instrument :

BNA_F

ClientSampleId :

B2

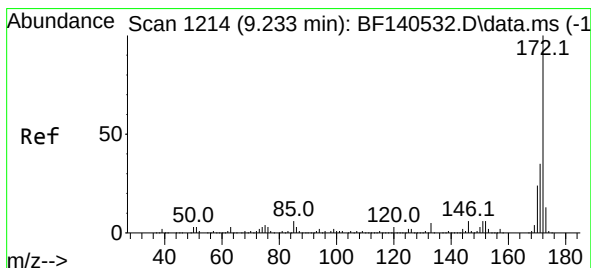
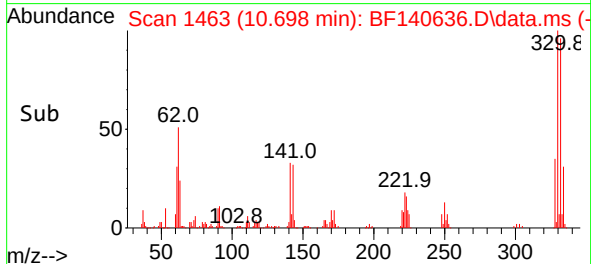
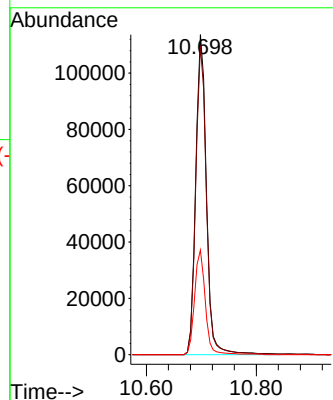
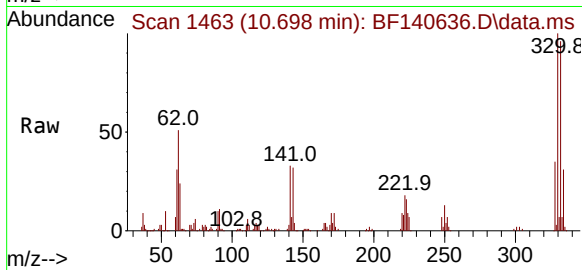
Tgt Ion:330 Resp: 154356

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 62.518 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140636.D

Acq: 26 Nov 2024 12:44

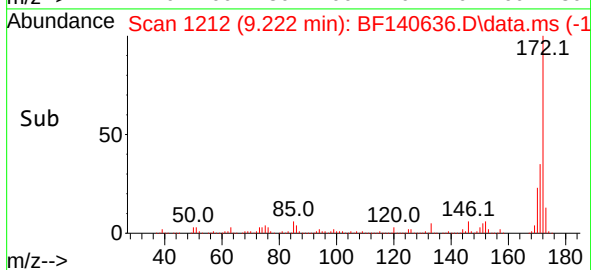
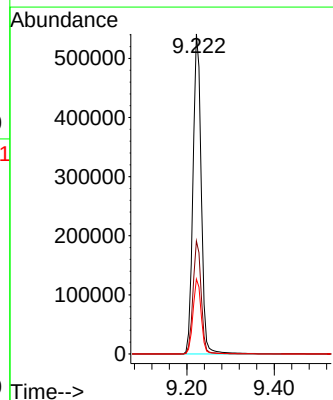
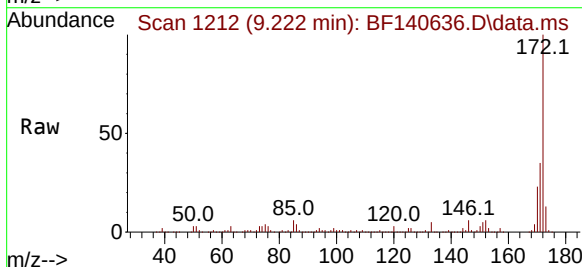
Tgt Ion:172 Resp: 710097

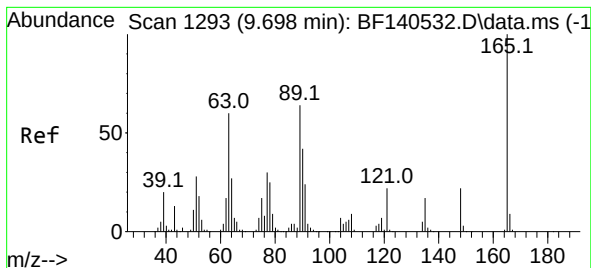
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.745 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140636.D

Acq: 26 Nov 2024 12:44

Instrument :

BNA_F

ClientSampleId :

B2

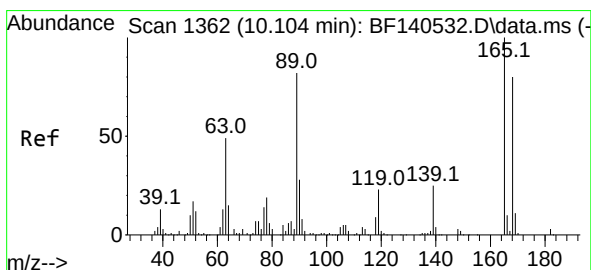
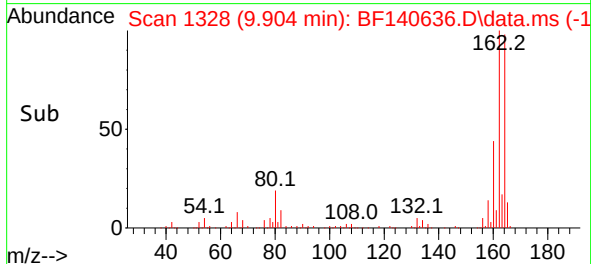
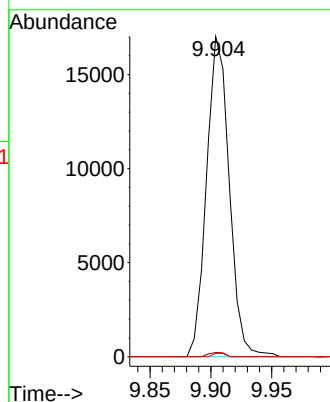
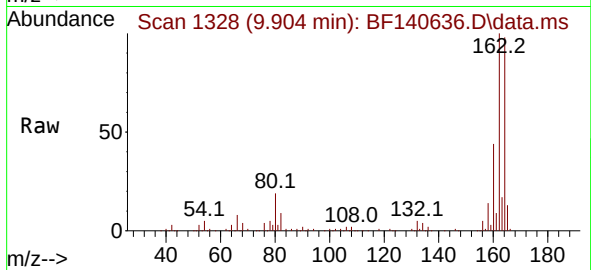
Tgt Ion:165 Resp: 22105

Ion Ratio Lower Upper

165 100

63 1.3 49.9 74.9#

89 1.1 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.580 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140636.D

Acq: 26 Nov 2024 12:44

Tgt Ion:165 Resp: 22105

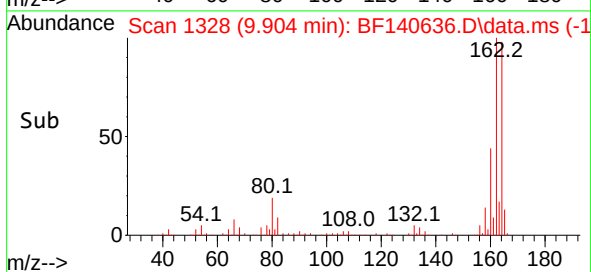
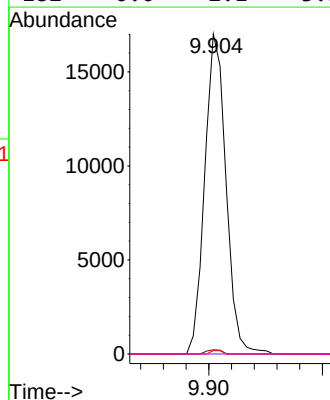
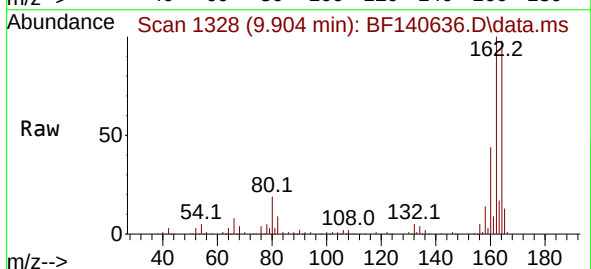
Ion Ratio Lower Upper

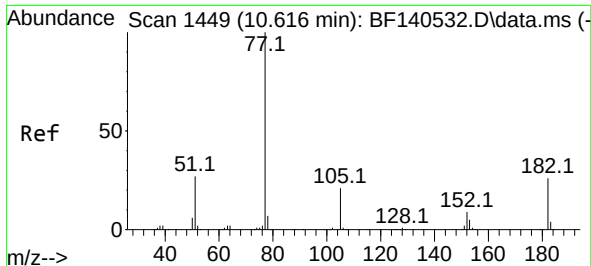
165 100

63 1.3 41.7 62.5#

89 1.1 65.8 98.8#

182 0.0 2.1 3.1#

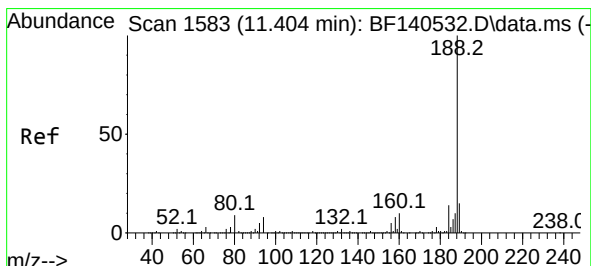
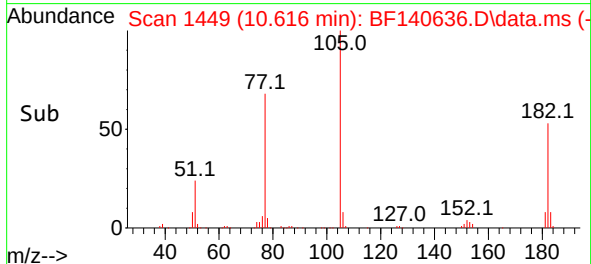
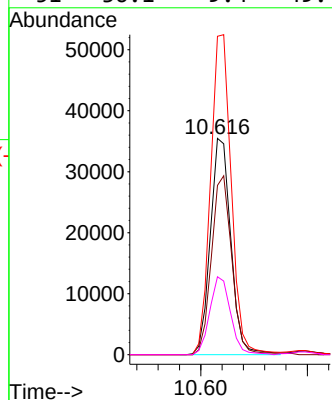
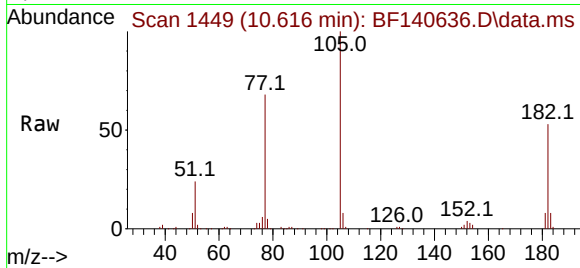




#63
Azobenzene
Concen: 4.426 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

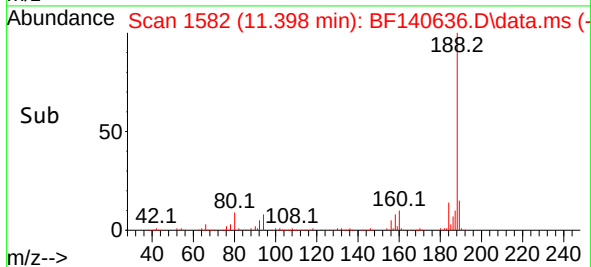
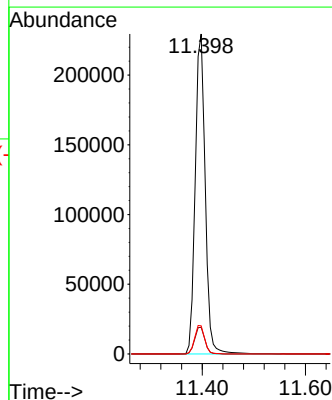
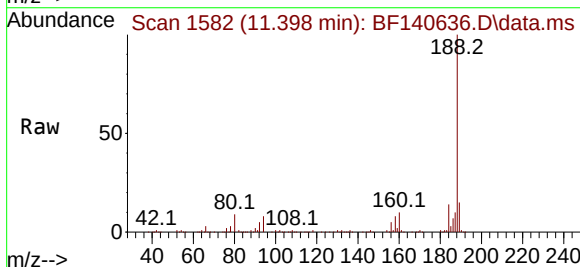
Instrument :
BNA_F
ClientSampleId :
B2

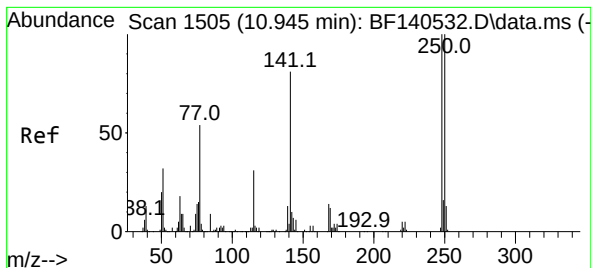
Tgt Ion: 77	Resp: 47459
Ion Ratio	Lower Upper
77 100	
182 78.3	5.3 45.3#
105 147.2	0.3 40.3#
51 36.1	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion: 188	Resp: 307469
Ion Ratio	Lower Upper
188 100	
94 8.3	6.4 9.6
80 8.8	6.9 10.3

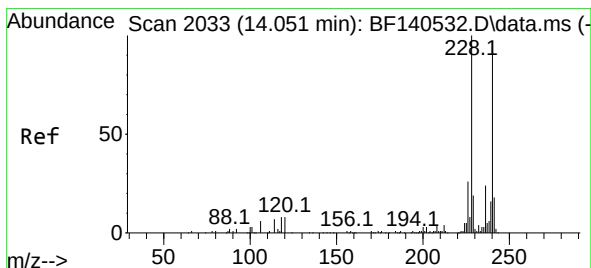
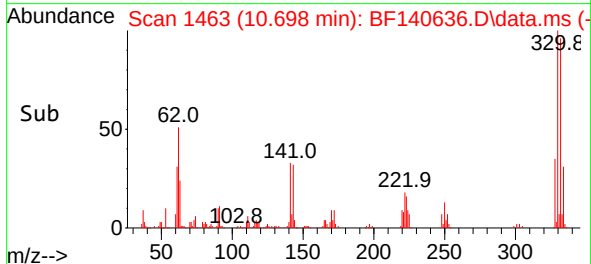
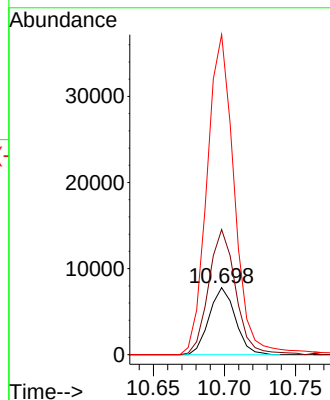
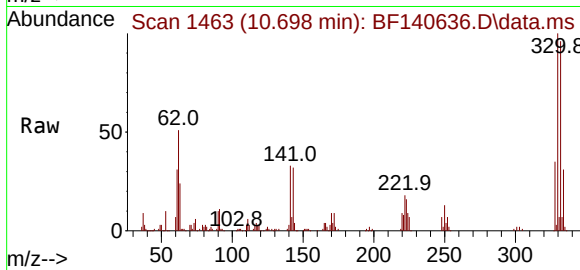




#67
4-Bromophenyl-phenylether
Concen: 3.150 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

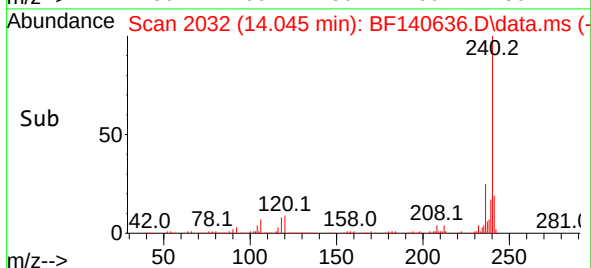
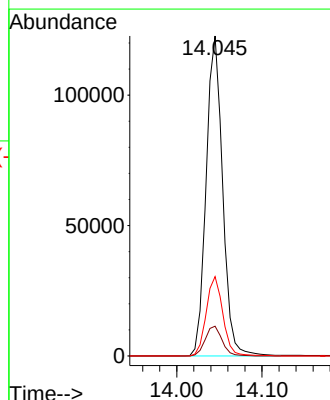
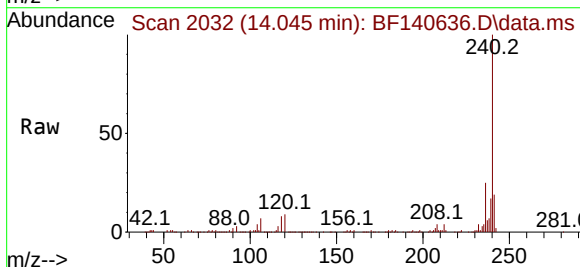
Instrument :
BNA_F
ClientSampleId :
B2

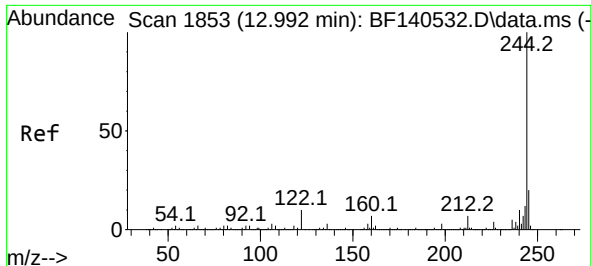
Tgt Ion:248 Resp: 9974
Ion Ratio Lower Upper
248 100
250 186.5 79.8 119.8#
141 476.8 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

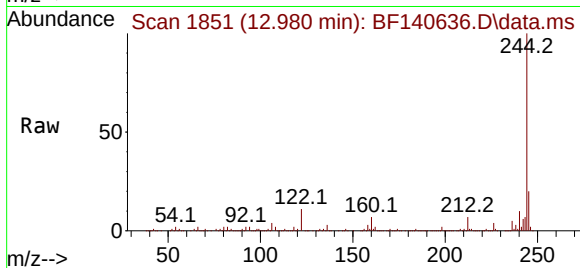
Tgt Ion:240 Resp: 164786
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 24.8 20.6 31.0



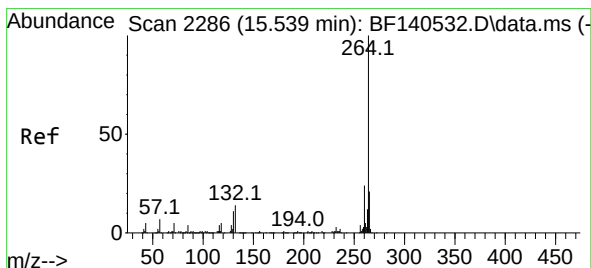
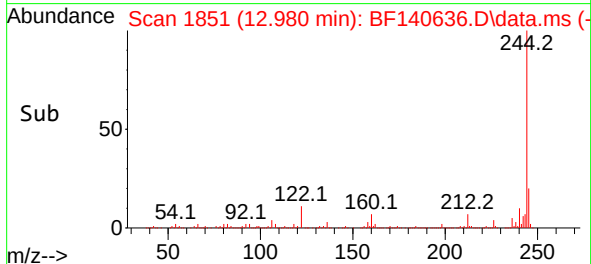
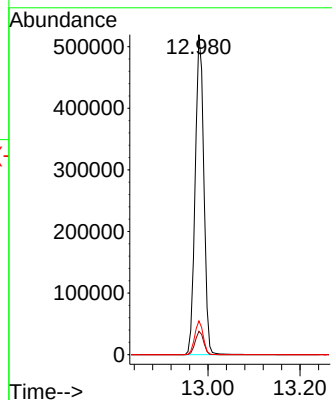


#79
Terphenyl-d14
Concen: 63.530 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Instrument :
BNA_F
ClientSampleId :
B2



Tgt Ion:244 Resp: 672321
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.5 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140636.D
Acq: 26 Nov 2024 12:44

Tgt Ion:264 Resp: 164960
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 20.9 16.6 25.0

