

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140611.D
 Acq On : 25 Nov 2024 19:00
 Operator : RC/JU
 Sample : P4960-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW3

Quant Time: Nov 26 00:08:54 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)

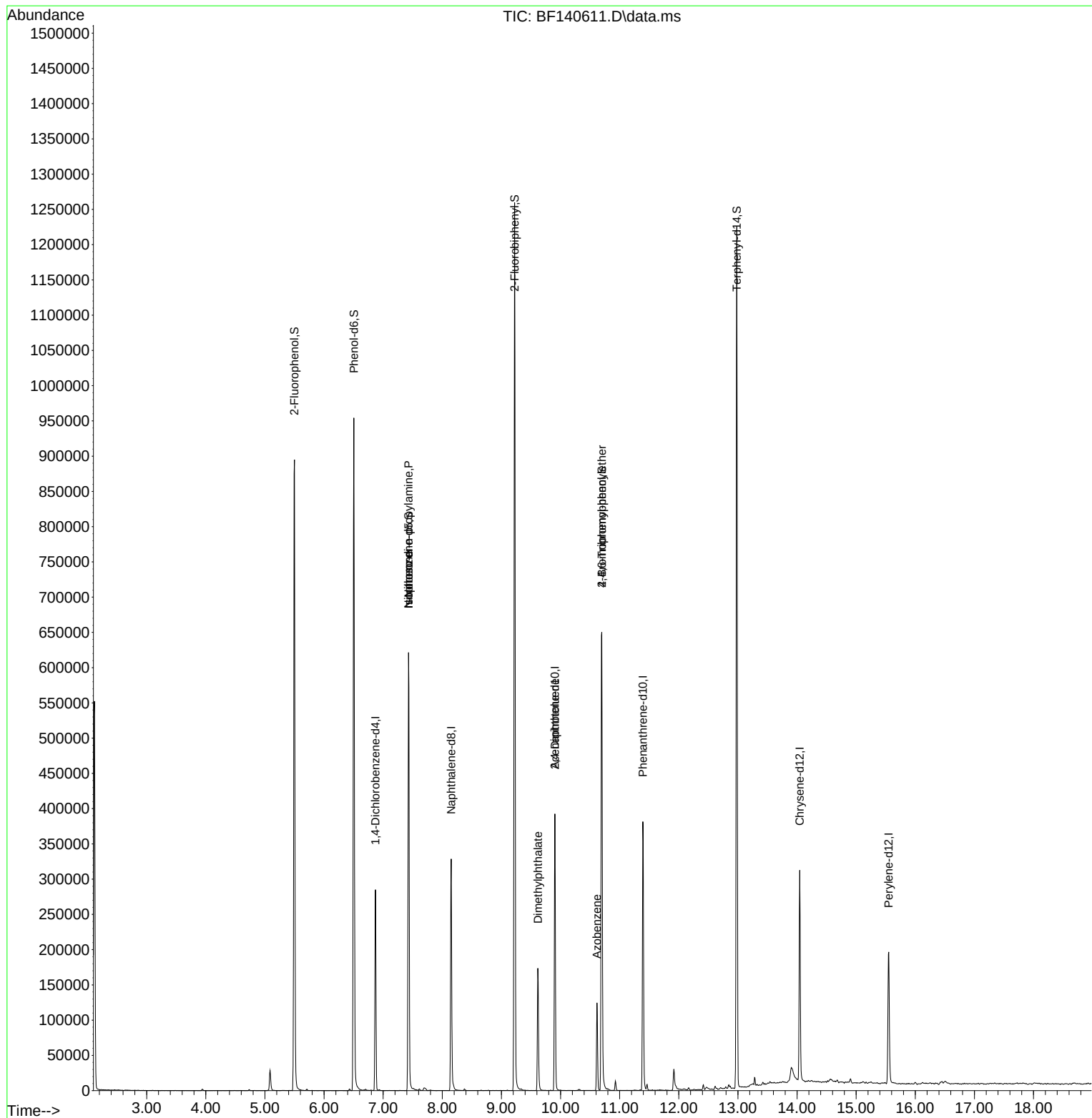
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	58377	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	220786	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	116537	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	220024	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	145599	20.000	ng	0.00
86) Perylene-d12	15.551	264	126590	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	348315	101.803	ng	0.00
7) Phenol-d6	6.504	99	441280	97.559	ng	-0.01
23) Nitrobenzene-d5	7.428	82	287314	66.563	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	122339	98.156	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	555458	71.016	ng	-0.01
79) Terphenyl-d14	12.980	244	597029	63.850	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	39418	14.746	ng	# 75
25) Isophorone	7.428	82	281980	39.167	ng	# 66
50) Dimethylphthalate	9.616	163	108354	14.118	ng	100
57) 2,4-Dinitrotoluene	9.904	165	14832	6.411	ng	# 18
63) Azobenzene	10.616	77	34354	4.652	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7662	3.381	ng	# 1

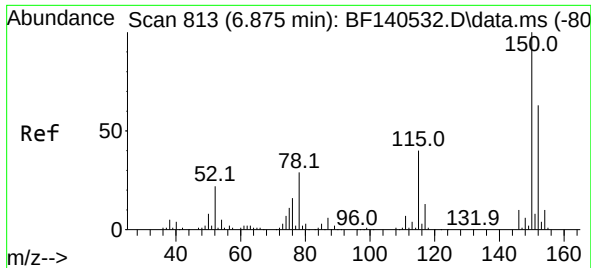
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

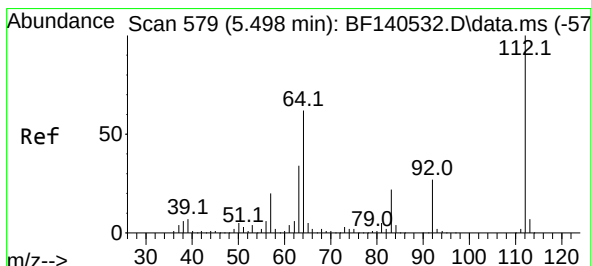
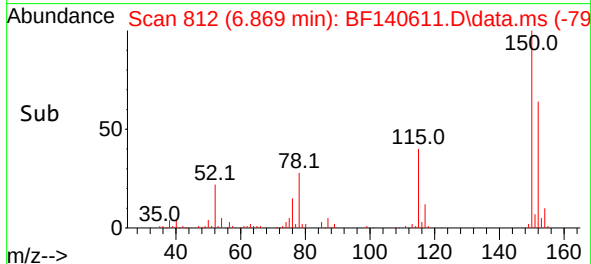
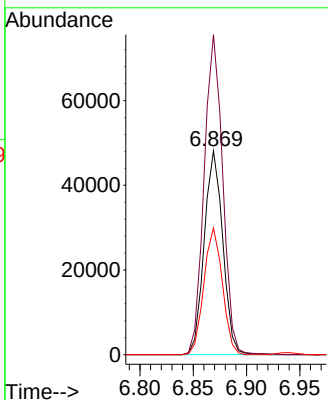
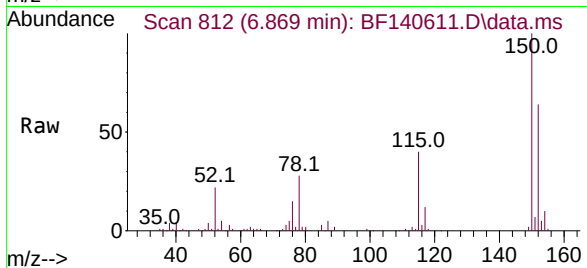




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

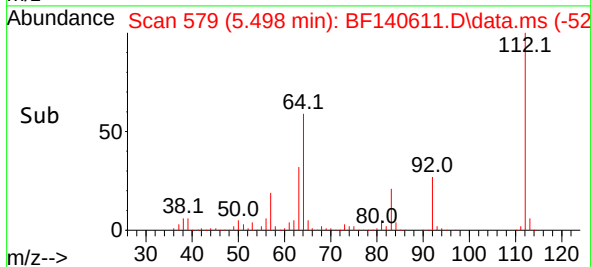
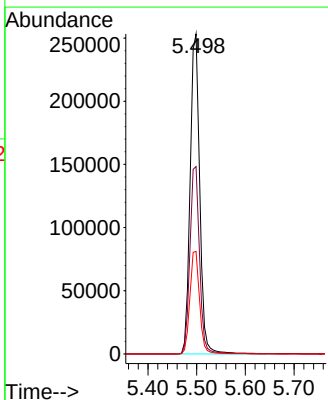
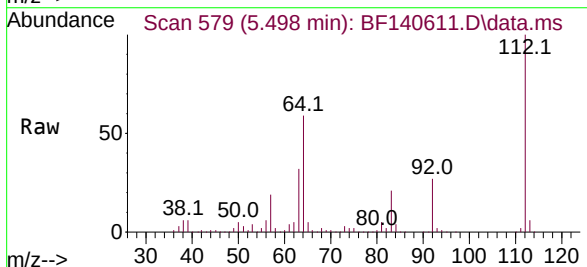
Instrument :
BNA_F
ClientSampleId :
SW3

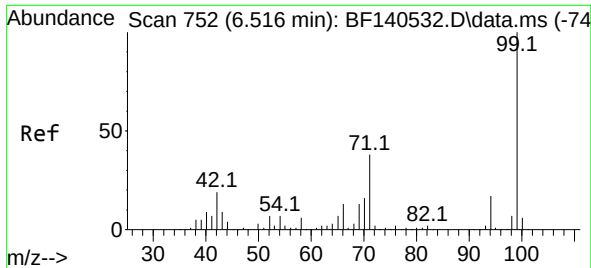
Tgt Ion:152 Resp: 58377
Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 101.803 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Tgt Ion:112 Resp: 348315
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 32.1 27.0 40.4





#7

Phenol-d6

Concen: 97.559 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140611.D

Acq: 25 Nov 2024 19:00

Instrument :

BNA_F

ClientSampleId :

SW3

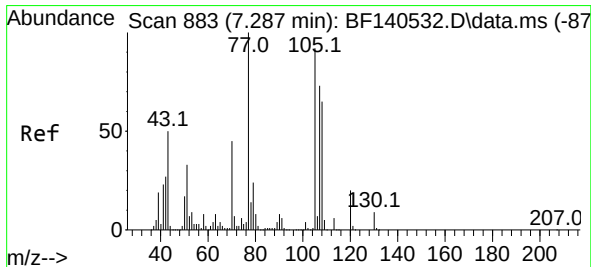
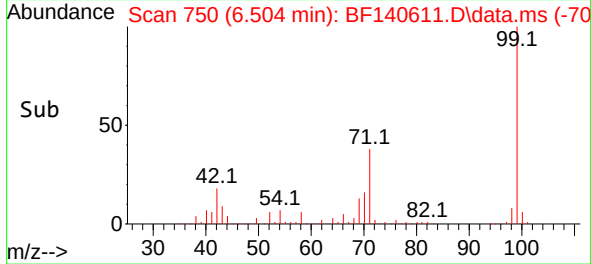
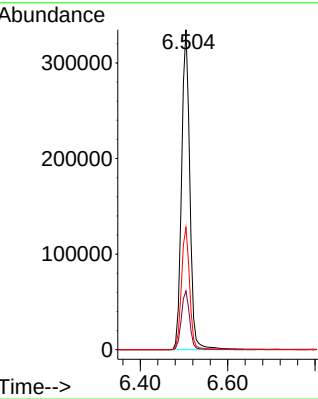
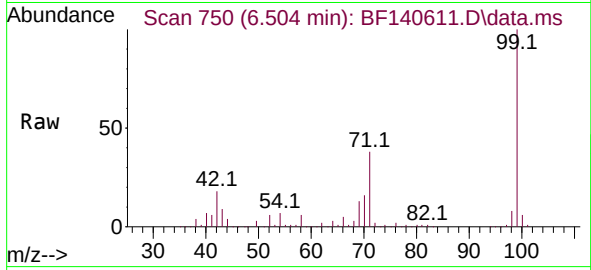
Tgt Ion: 99 Resp: 441280

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

71 38.2 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.746 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.141 min

Lab File: BF140611.D

Acq: 25 Nov 2024 19:00

Tgt Ion: 70 Resp: 39418

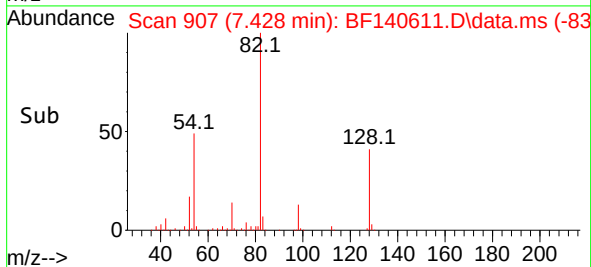
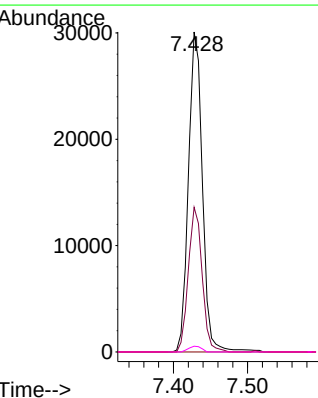
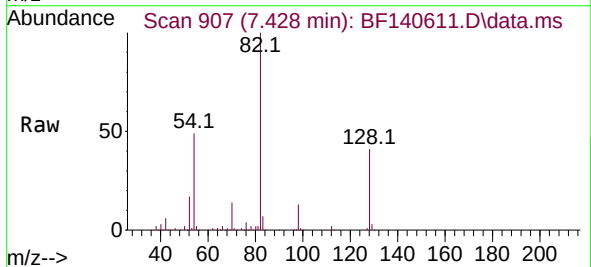
Ion Ratio Lower Upper

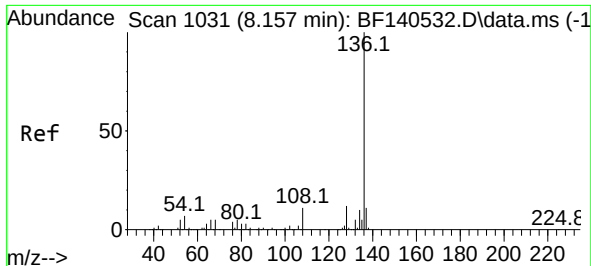
70 100

42 45.2 47.6 71.4#

101 0.0 7.6 11.4#

130 1.8 16.2 24.4#

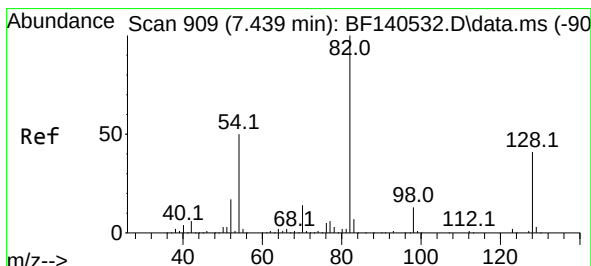
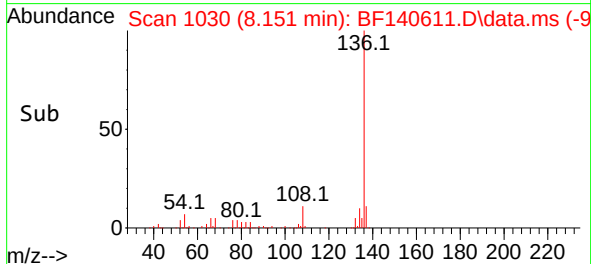
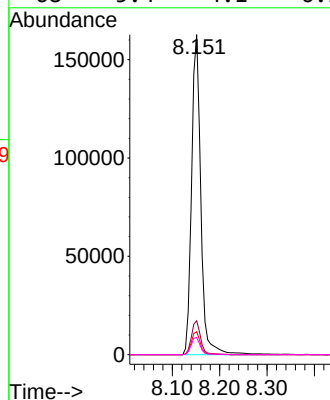
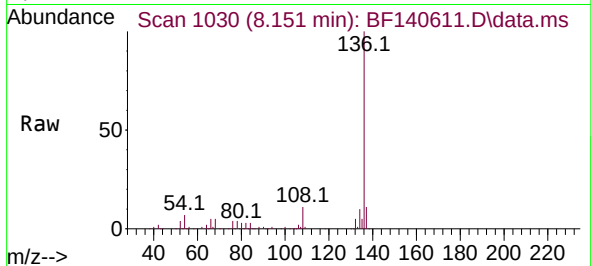




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

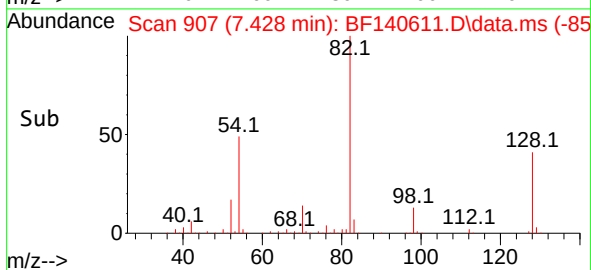
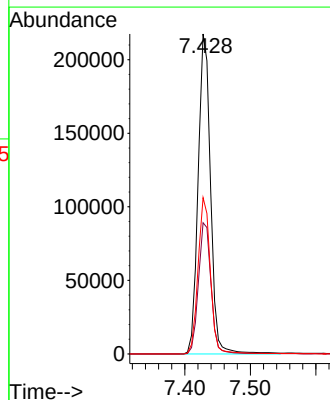
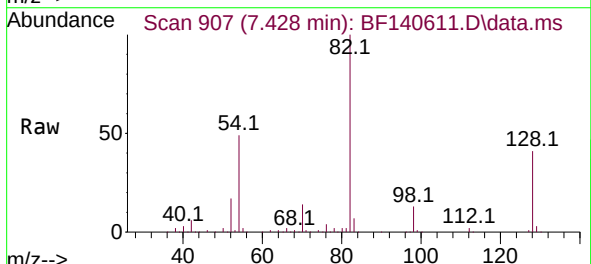
Instrument :
BNA_F
ClientSampleId :
SW3

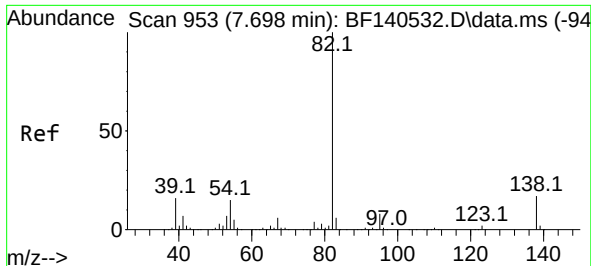
Tgt Ion:136	Resp: 220786
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 7.2	5.8 8.8
68 5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 66.563 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Tgt Ion: 82	Resp: 287314
Ion Ratio	Lower Upper
82 100	
128 41.0	33.0 49.4
54 48.9	39.5 59.3

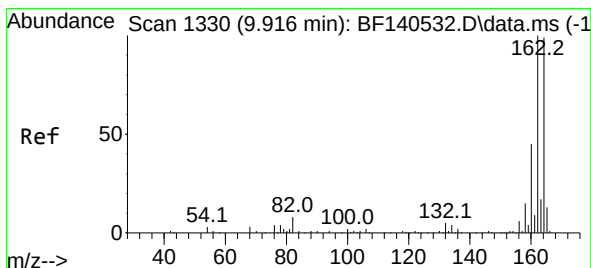
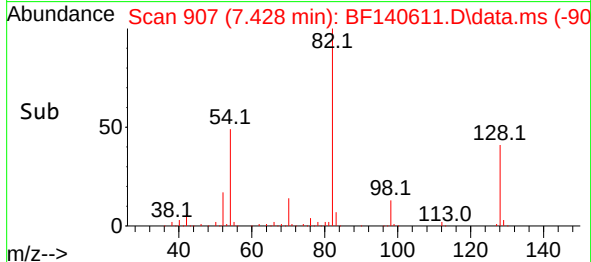
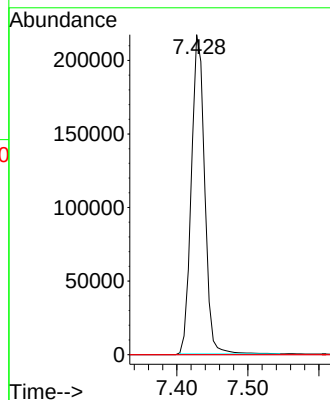
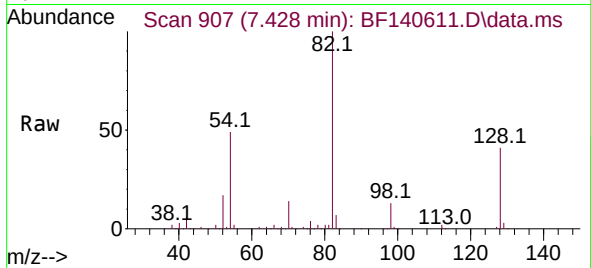




#25
Isophorone
Concen: 39.167 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

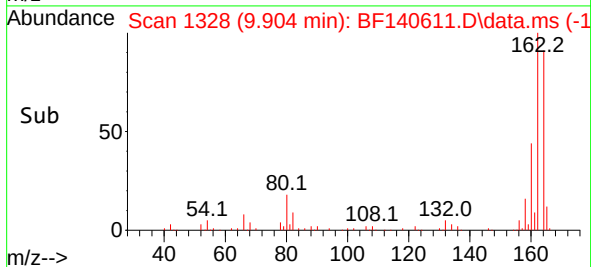
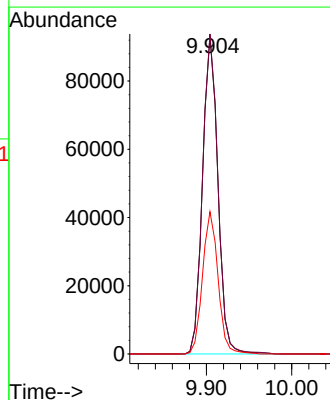
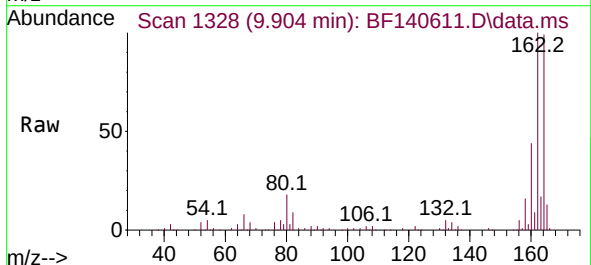
Instrument :
BNA_F
ClientSampleId :
SW3

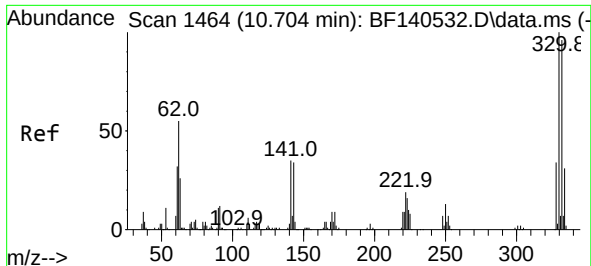
Tgt Ion: 82 Resp: 281980
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Tgt Ion: 164 Resp: 116537
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 98.156 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140611.D

Acq: 25 Nov 2024 19:00

Instrument :

BNA_F

ClientSampleId :

SW3

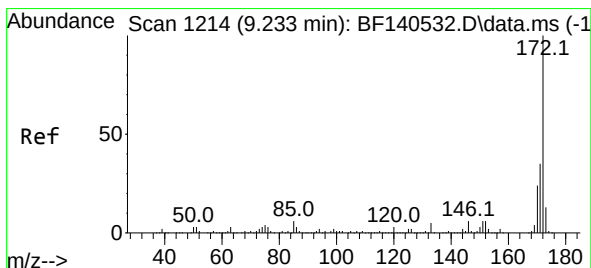
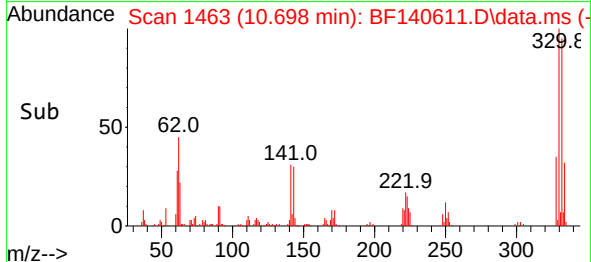
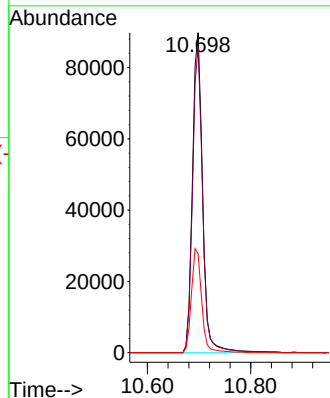
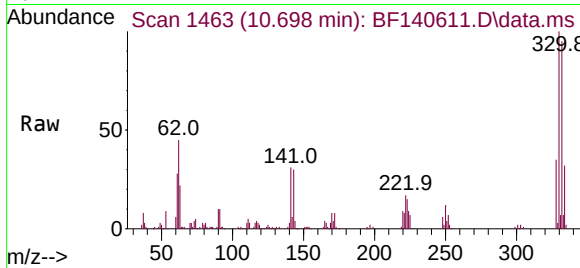
Tgt Ion:330 Resp: 122339

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 33.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 71.016 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140611.D

Acq: 25 Nov 2024 19:00

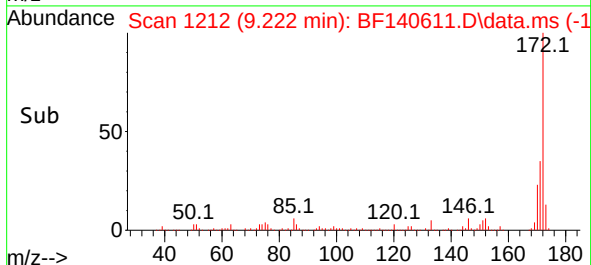
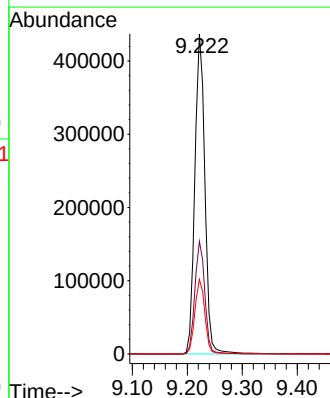
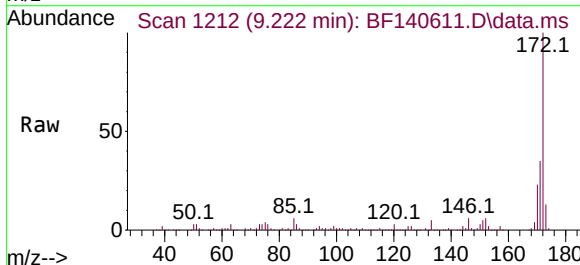
Tgt Ion:172 Resp: 555458

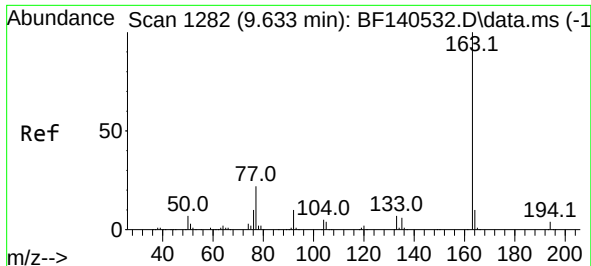
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 19.0 28.6

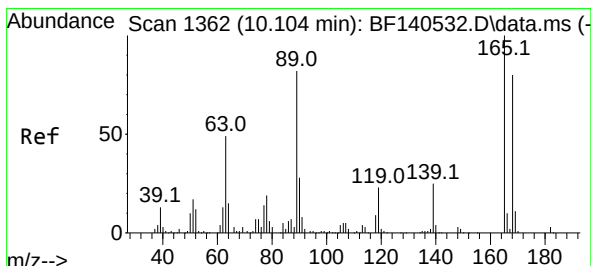
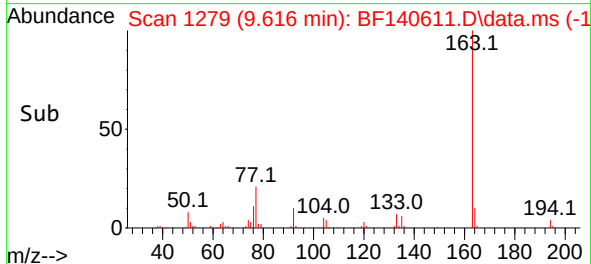
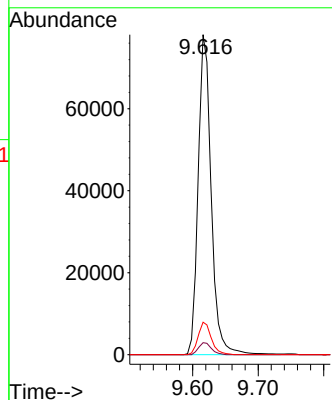
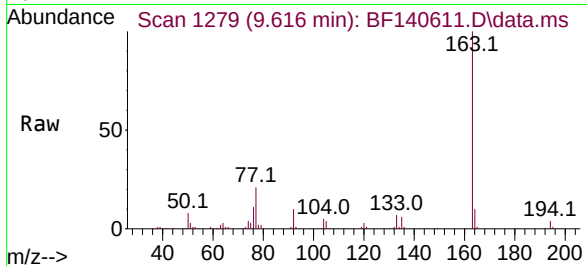




#50
Dimethylphthalate
Concen: 14.118 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

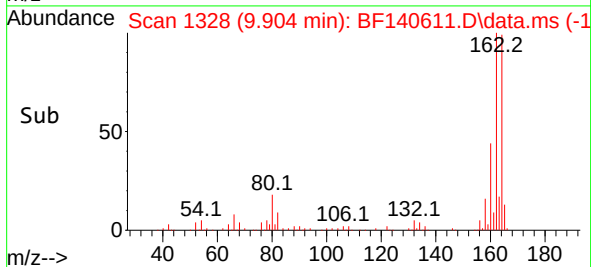
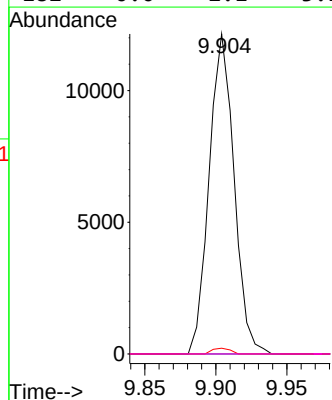
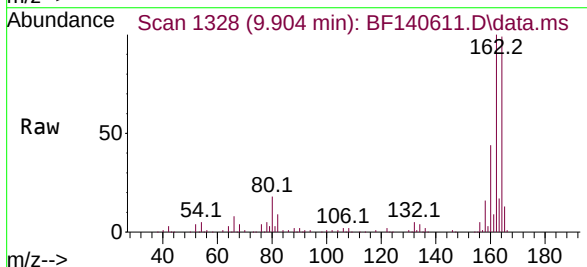
Instrument :
BNA_F
ClientSampleId :
SW3

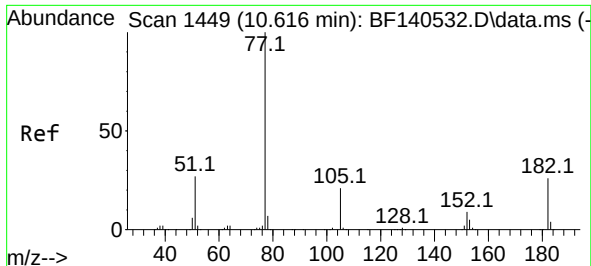
Tgt Ion:163 Resp: 108354
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Tgt Ion:165 Resp: 14832
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.8 65.8 98.8#
182 0.0 2.1 3.1#

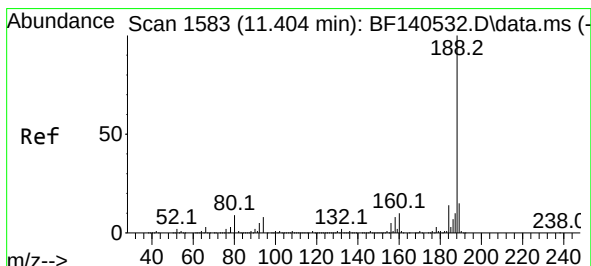
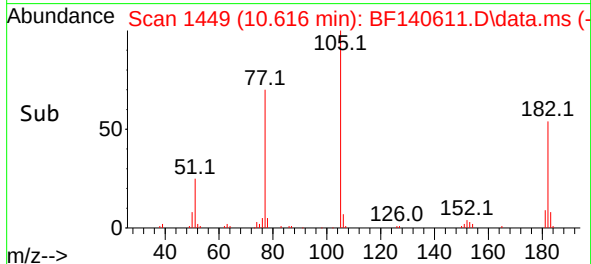
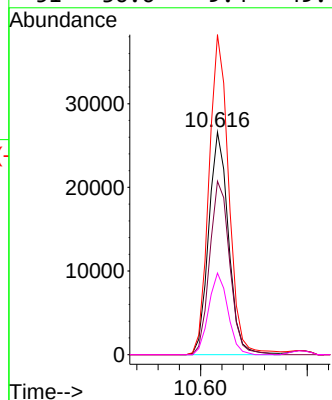
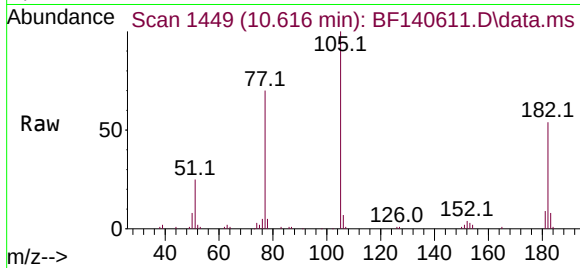




#63
Azobenzene
Concen: 4.652 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

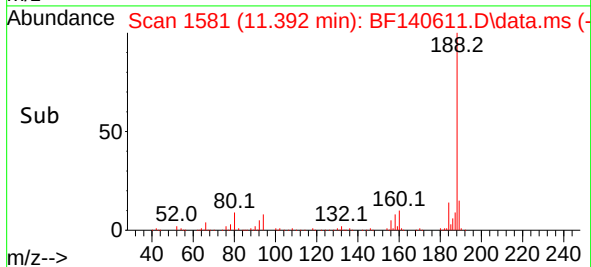
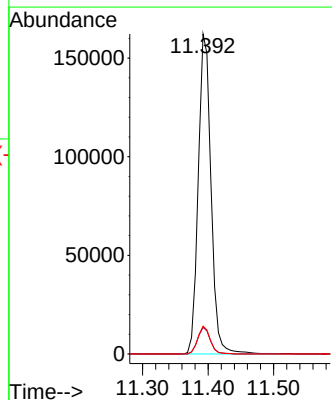
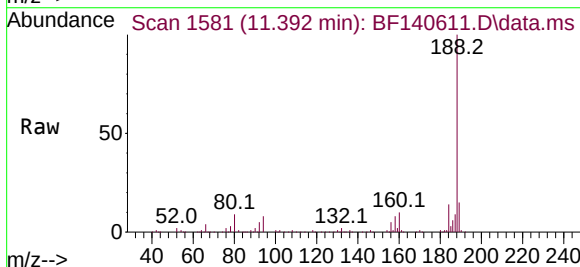
Instrument :
BNA_F
ClientSampleId :
SW3

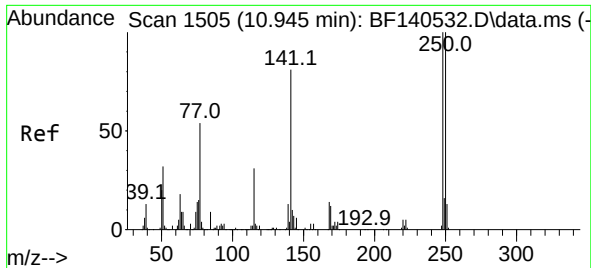
Tgt Ion: 77 Resp: 34354
Ion Ratio Lower Upper
77 100
182 77.9 5.3 45.3#
105 143.7 0.3 40.3#
51 36.6 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Tgt Ion: 188 Resp: 220024
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.7 6.9 10.3

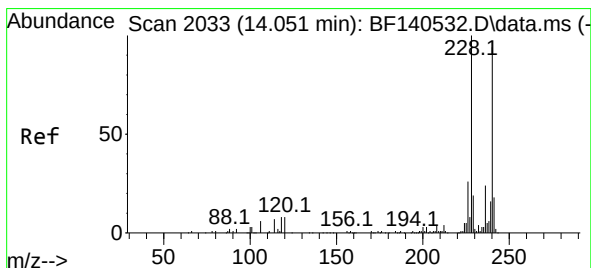
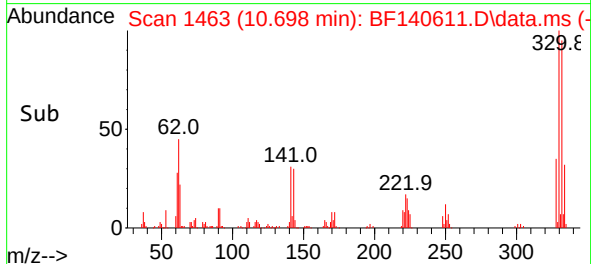
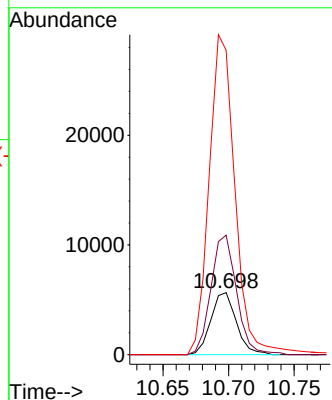
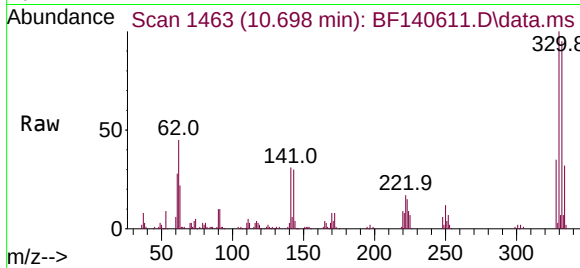




#67
4-Bromophenyl-phenylether
Concen: 3.381 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

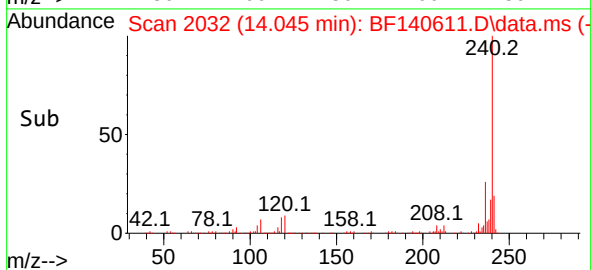
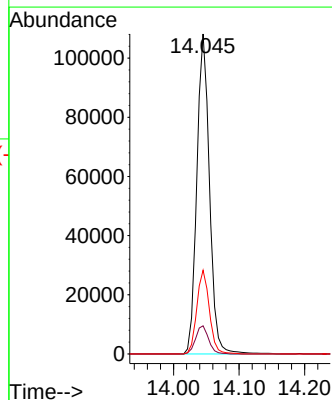
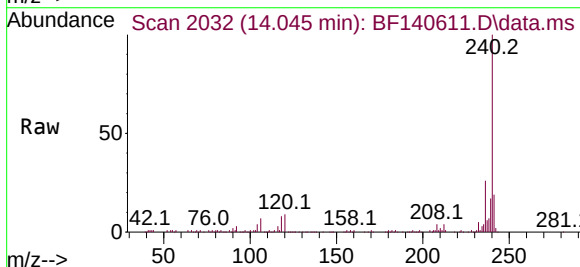
Instrument :
BNA_F
ClientSampleId :
SW3

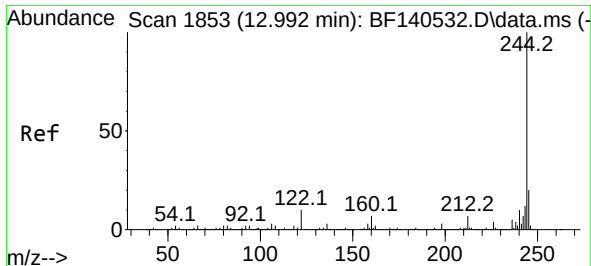
Tgt Ion:248 Resp: 7662
Ion Ratio Lower Upper
248 100
250 192.4 79.8 119.8#
141 490.0 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

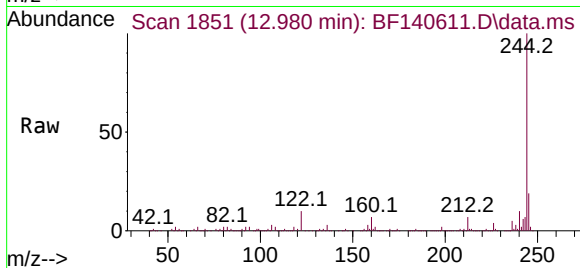
Tgt Ion:240 Resp: 145599
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.1 20.6 31.0



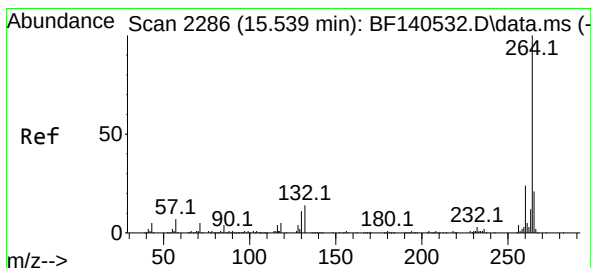
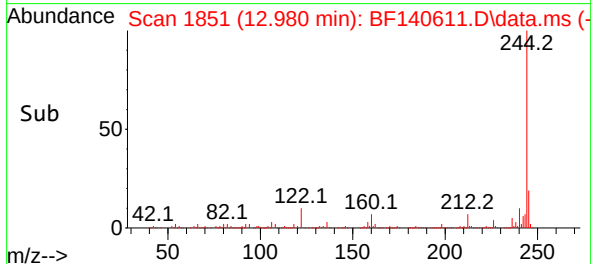
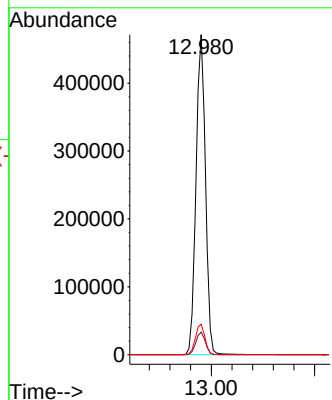


#79
Terphenyl-d14
Concen: 63.850 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Instrument :
BNA_F
ClientSampleId :
SW3



Tgt Ion:244 Resp: 597029
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.5 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140611.D
Acq: 25 Nov 2024 19:00

Tgt Ion:264 Resp: 126590
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 20.8 16.6 25.0

