

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140891.D
 Acq On : 17 Dec 2024 17:49
 Operator : RC/JU
 Sample : P5301-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-121624

Quant Time: Dec 18 00:13:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

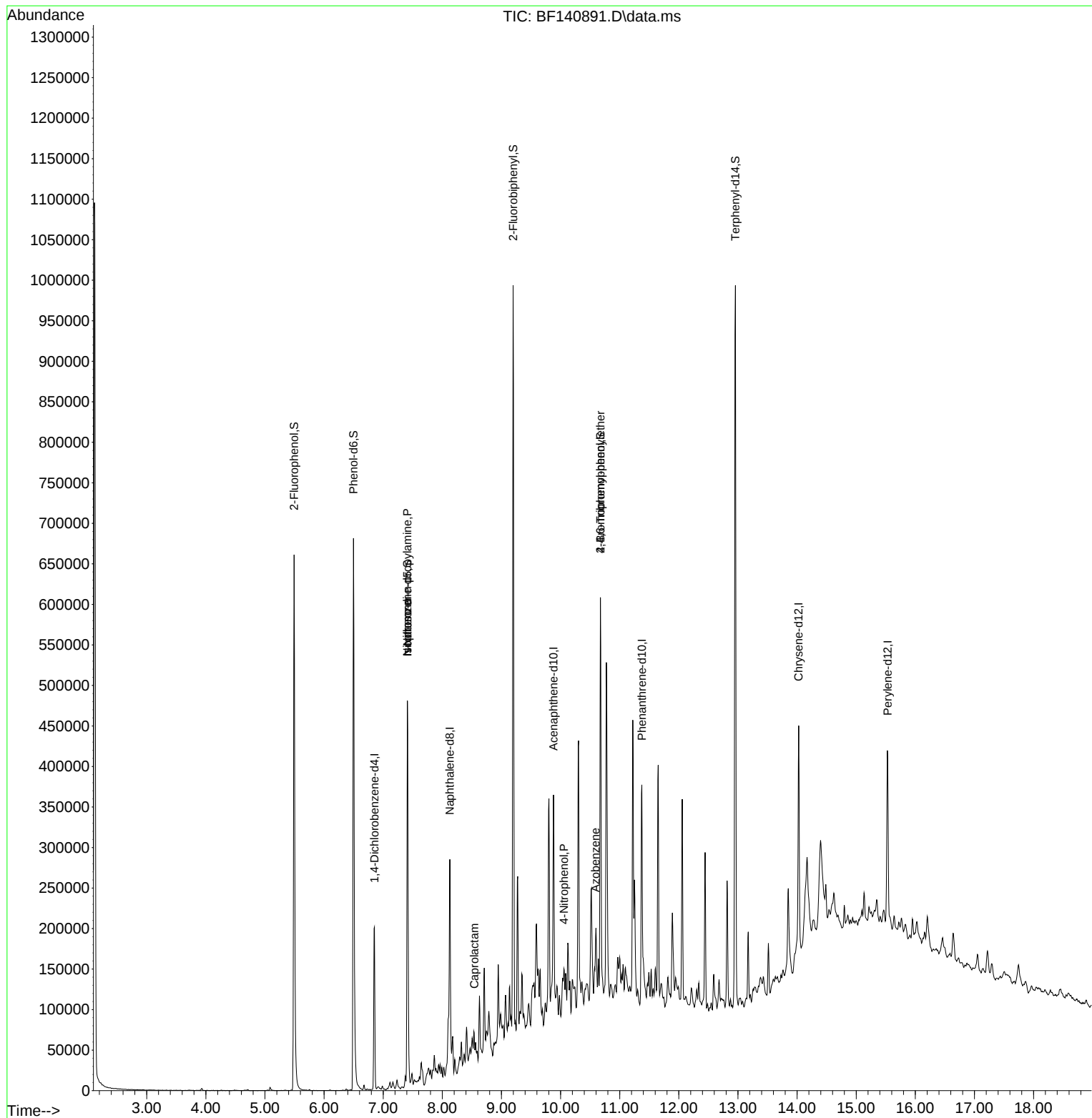
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	44895	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	153531	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	76058	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	141303	20.000	ng	0.00
76) Chrysene-d12	14.027	240	123770	20.000	ng	0.00
86) Perylene-d12	15.533	264	118967	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	274644	100.705	ng	0.00
7) Phenol-d6	6.498	99	340975	94.395	ng	0.00
23) Nitrobenzene-d5	7.410	82	215074	70.086	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	86178	95.801	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	401202	72.523	ng	0.00
79) Terphenyl-d14	12.957	244	435194	55.445	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	31531	14.552	ng	# 79
25) Isophorone	7.410	82	210759	40.989	ng	# 66
35) Caprolactam	8.539	113	1468	2.112	ng	# 1
56) 4-Nitrophenol	10.057	139	256	4.811	ng	# 1
63) Azobenzene	10.592	77	17616	3.370	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	5354	3.387	ng	# 1

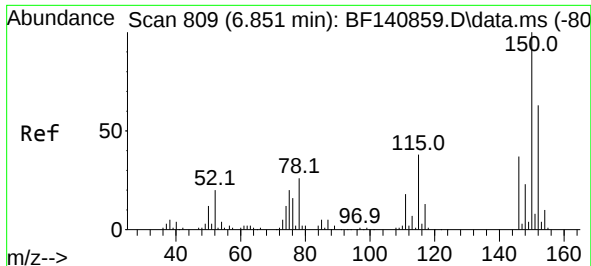
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140891.D
Acq On : 17 Dec 2024 17:49
Operator : RC/JU
Sample : P5301-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-121624

Quant Time: Dec 18 00:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

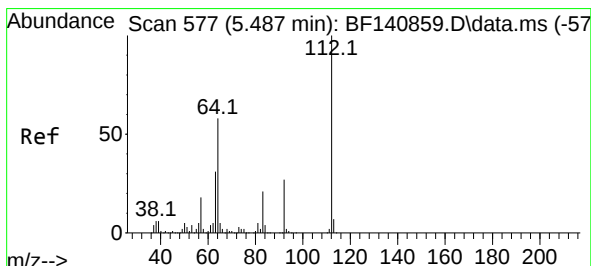
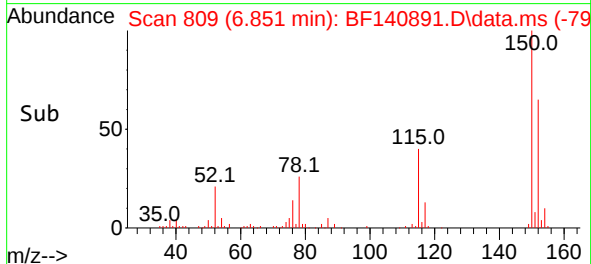
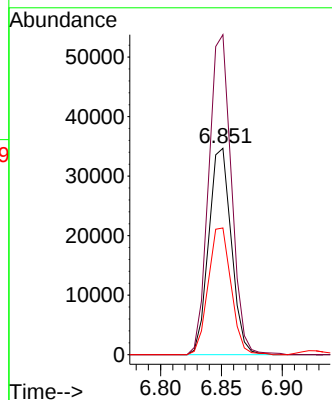
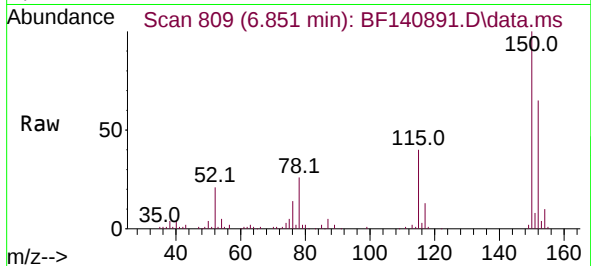




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

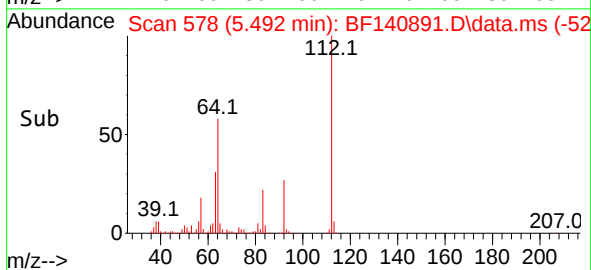
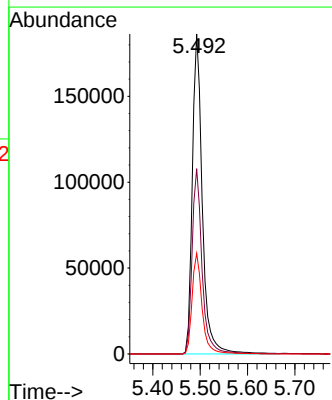
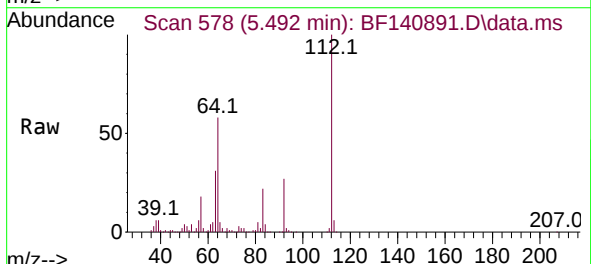
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

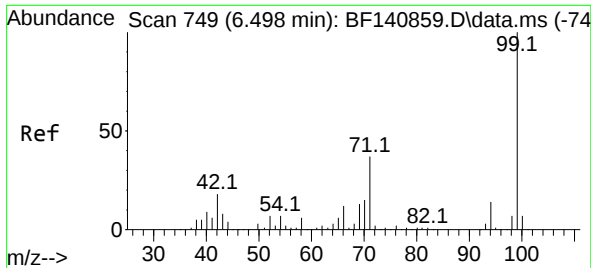
Tgt Ion:152 Resp: 44895
Ion Ratio Lower Upper
152 100
150 155.0 127.9 191.9
115 61.4 48.0 72.0



#5
2-Fluorophenol
Concen: 100.705 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion:112 Resp: 274644
Ion Ratio Lower Upper
112 100
64 57.9 46.1 69.1
63 31.5 24.9 37.3

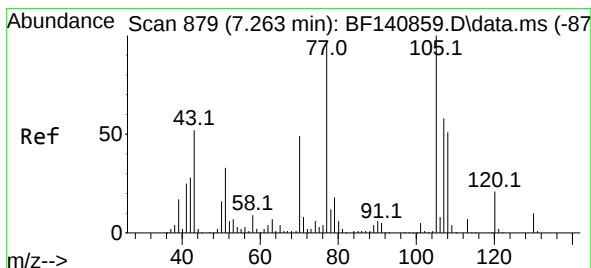
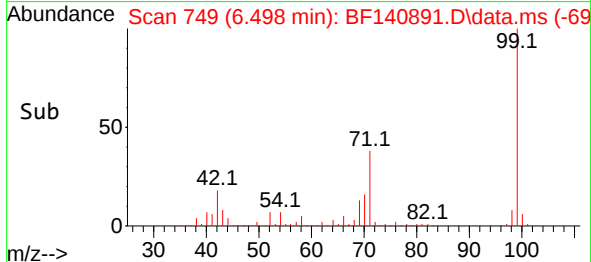
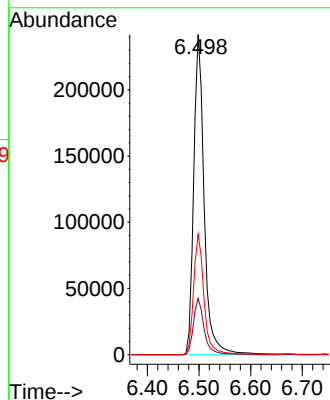
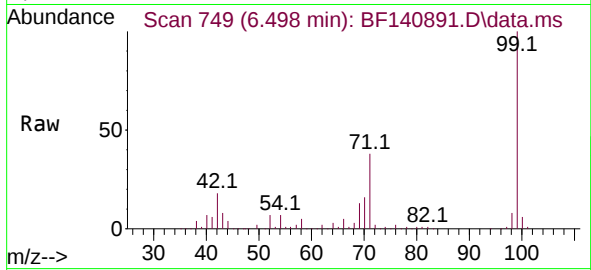




#7
Phenol-d6
Concen: 94.395 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

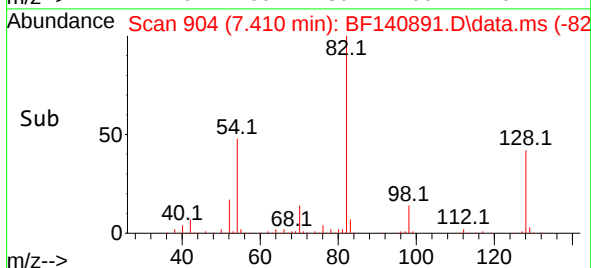
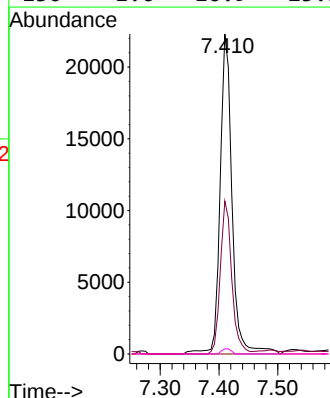
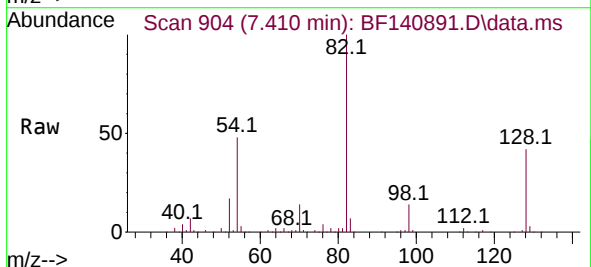
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

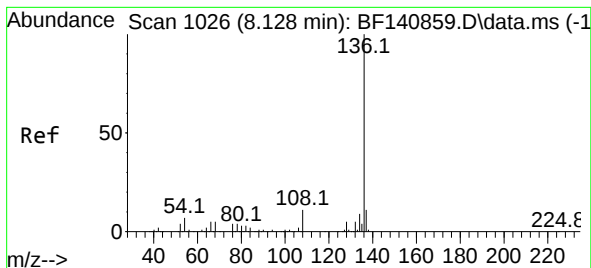
Tgt Ion: 99 Resp: 340975
Ion Ratio Lower Upper
99 100
42 17.6 14.3 21.5
71 37.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.552 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion: 70 Resp: 31531
Ion Ratio Lower Upper
70 100
42 47.8 45.3 67.9
101 0.0 8.0 12.0#
130 1.6 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140891.D

Acq: 17 Dec 2024 17:49

Instrument :

BNA_F

ClientSampleId :

HR-01-121624

Tgt Ion:136 Resp: 153531

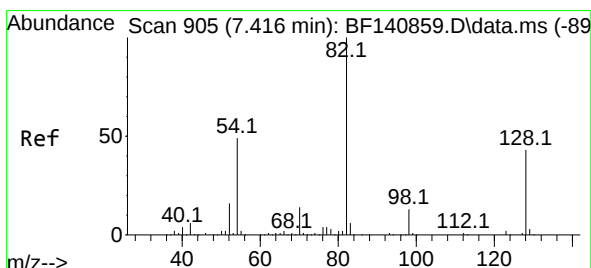
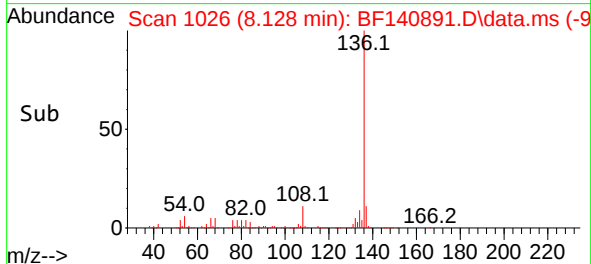
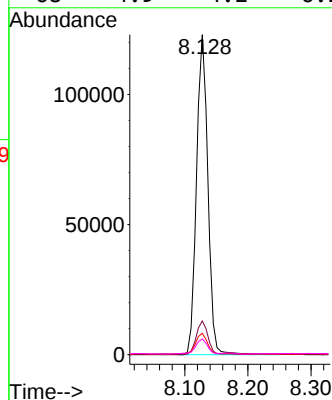
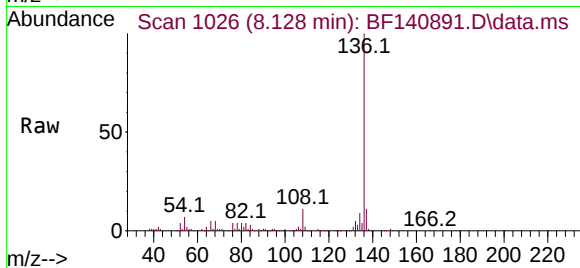
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.6 5.6 8.4

68 4.9 4.2 6.2



#23

Nitrobenzene-d5

Concen: 70.086 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140891.D

Acq: 17 Dec 2024 17:49

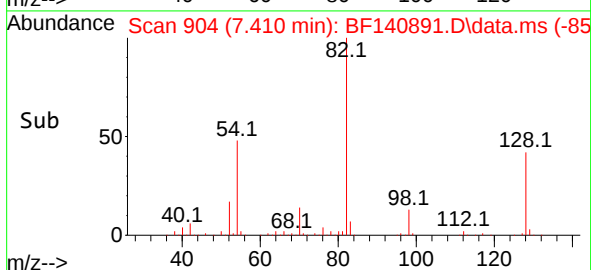
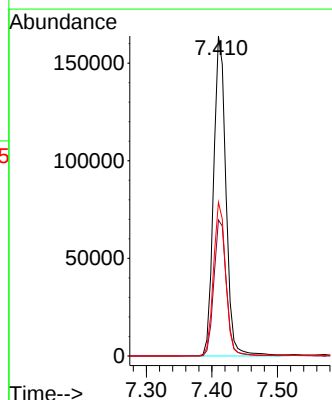
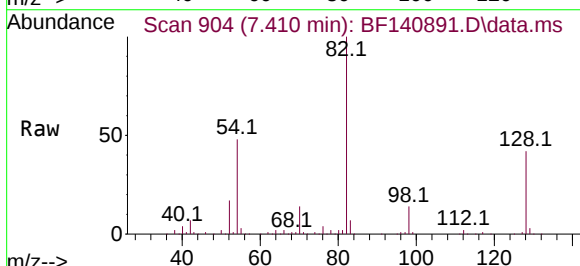
Tgt Ion: 82 Resp: 215074

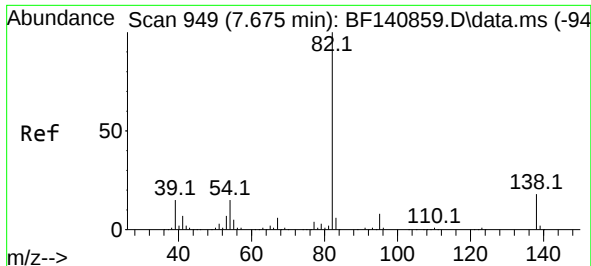
Ion Ratio Lower Upper

82 100

128 42.5 34.4 51.6

54 48.1 38.8 58.2

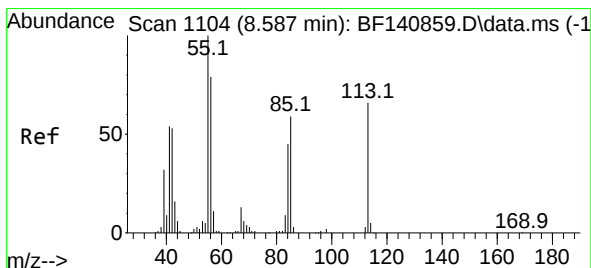
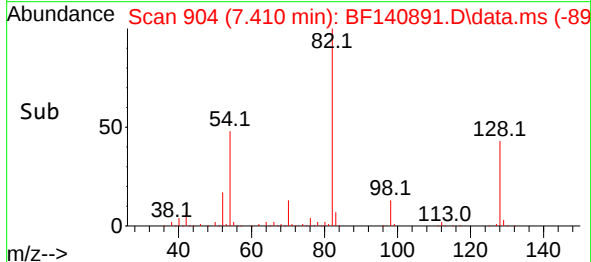
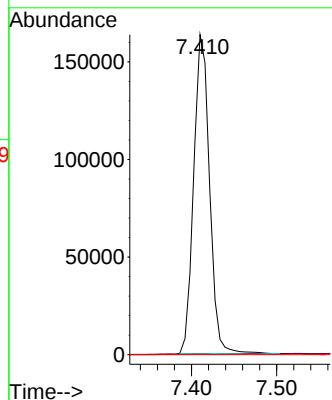
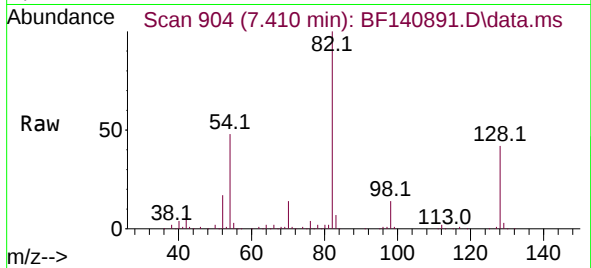




#25
Isophorone
Concen: 40.989 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

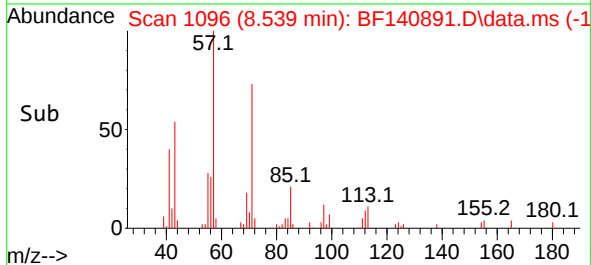
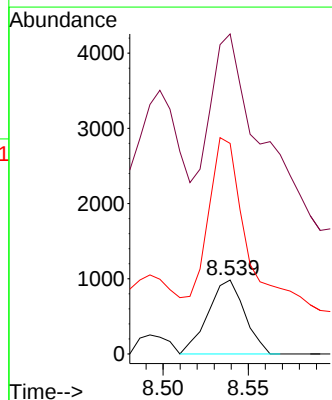
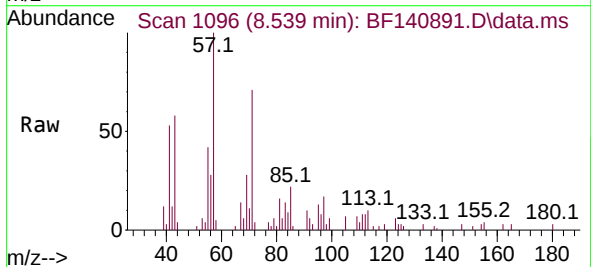
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

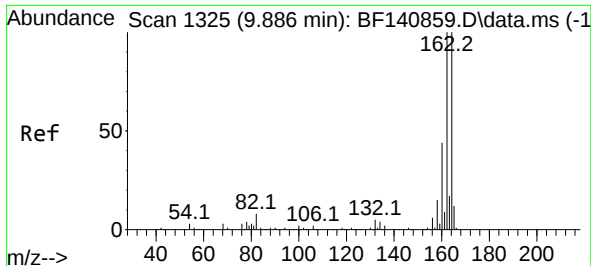
Tgt Ion: 82 Resp: 210759
Ion Ratio Lower Upper
82 100
95 0.2 6.3 9.5#
138 0.0 14.1 21.1#



#35
Caprolactam
Concen: 2.112 ng
RT: 8.539 min Scan# 1096
Delta R.T. -0.047 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion: 113 Resp: 1468
Ion Ratio Lower Upper
113 100
55 433.0 132.3 172.3#
56 284.9 100.3 140.3#

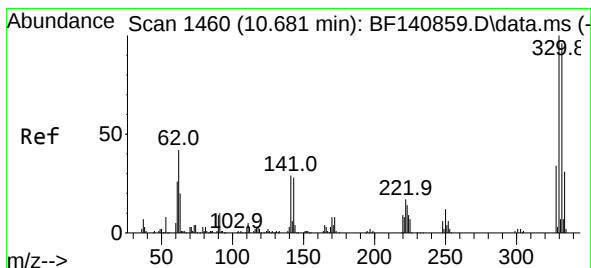
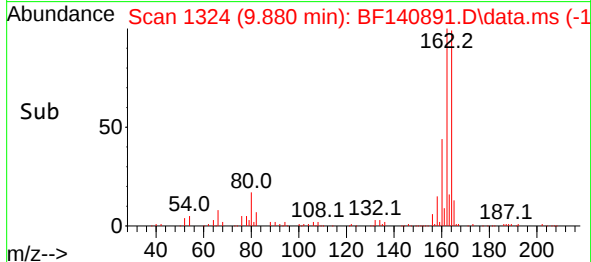
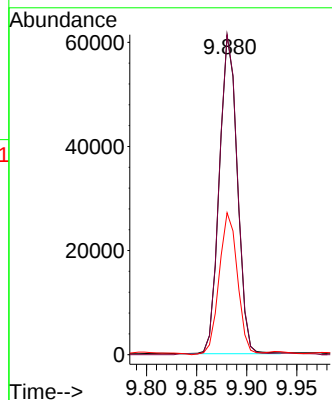
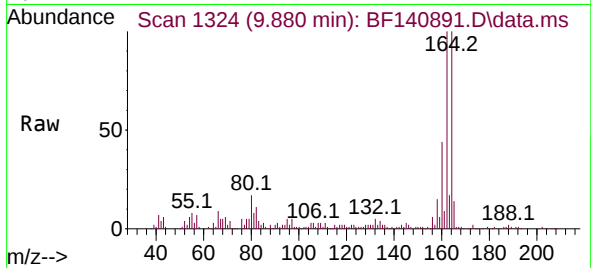




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

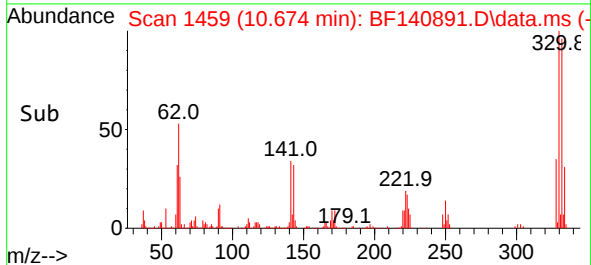
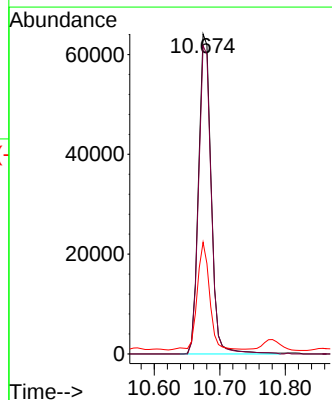
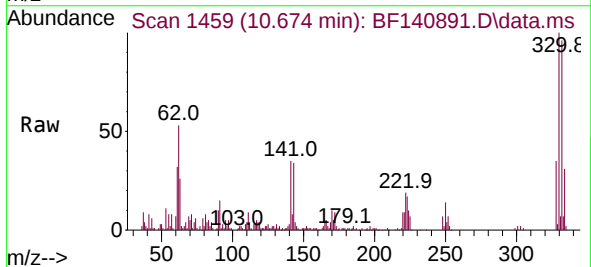
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

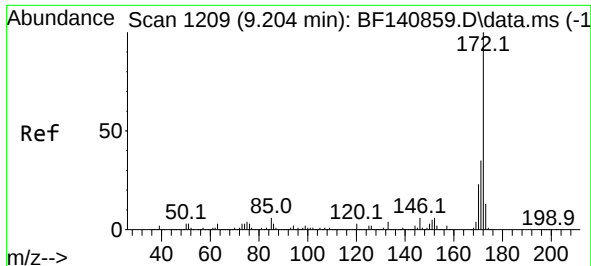
Tgt Ion:164 Resp: 76058
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 44.5 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 95.801 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion:330 Resp: 86178
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 32.9 24.9 37.3

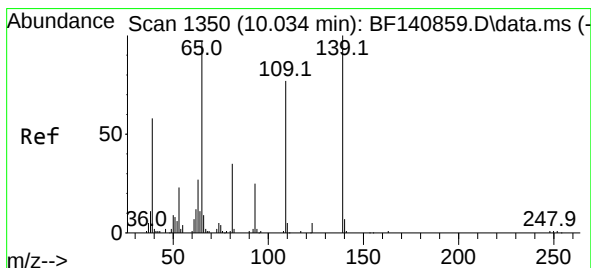
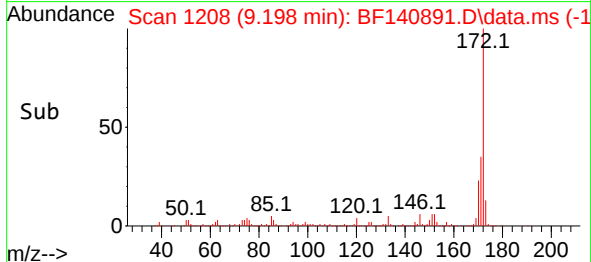
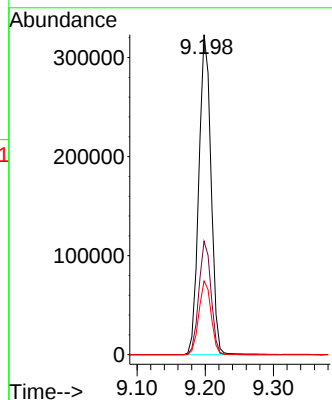
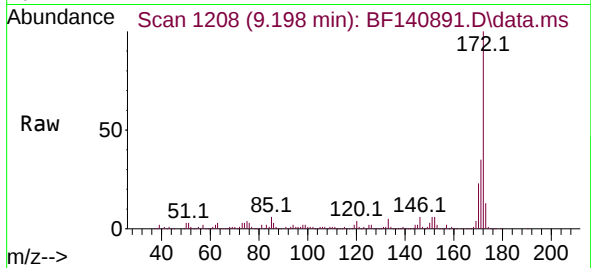




#45
2-Fluorobiphenyl
Concen: 72.523 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

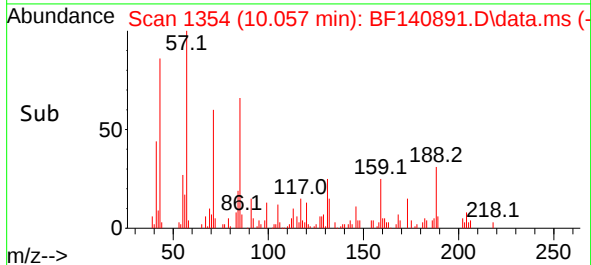
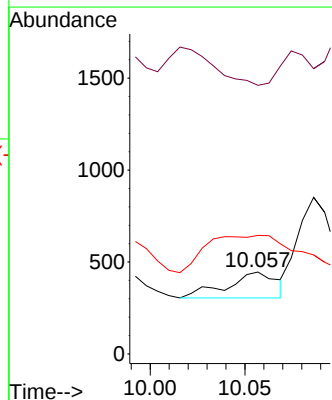
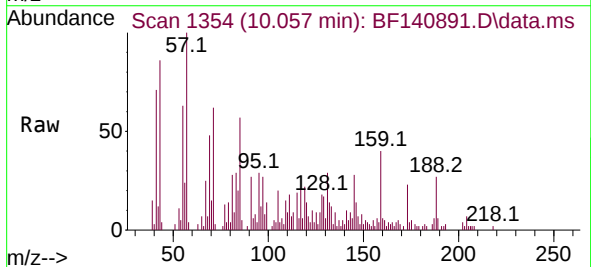
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

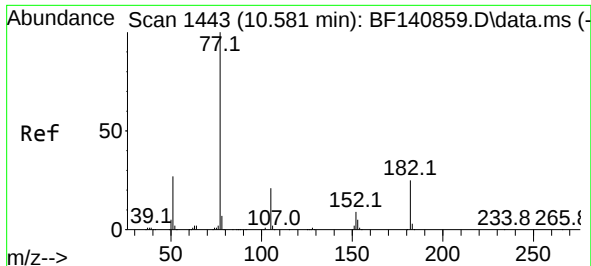
Tgt Ion:172 Resp: 401202
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.1 18.6 28.0



#56
4-Nitrophenol
Concen: 4.811 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion:139 Resp: 256
Ion Ratio Lower Upper
139 100
109 327.6 56.7 96.7#
65 144.6 78.1 118.1#

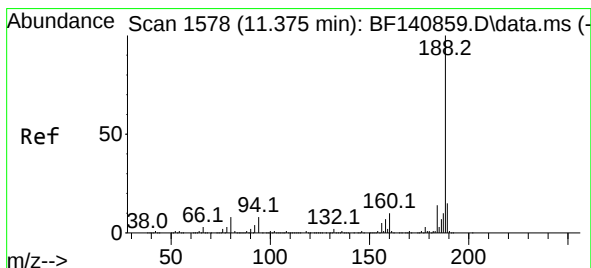
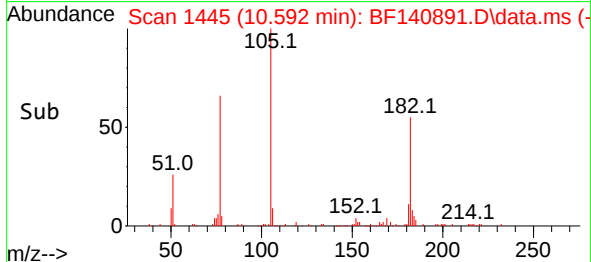
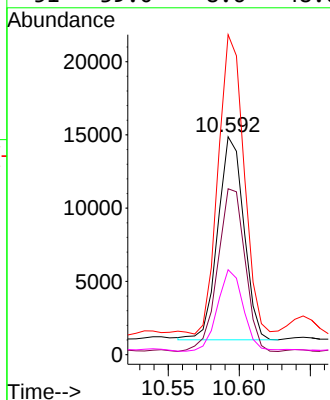
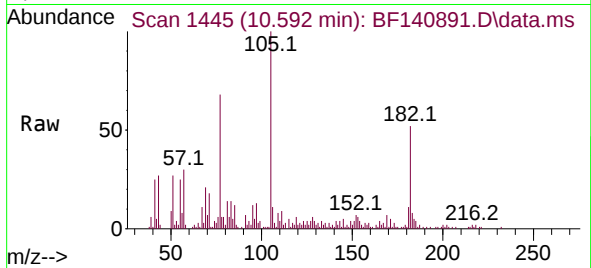




#63
Azobenzene
Concen: 3.370 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

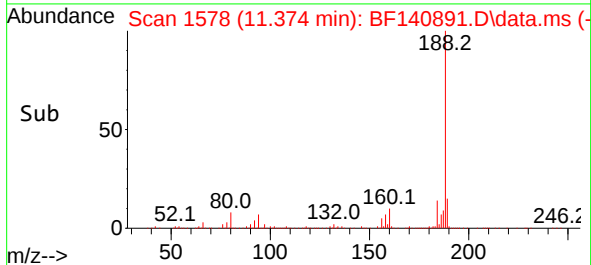
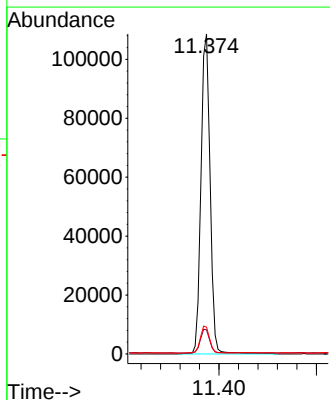
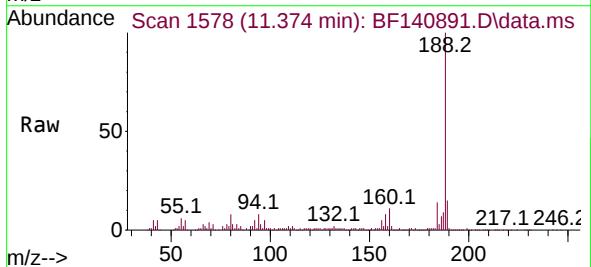
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

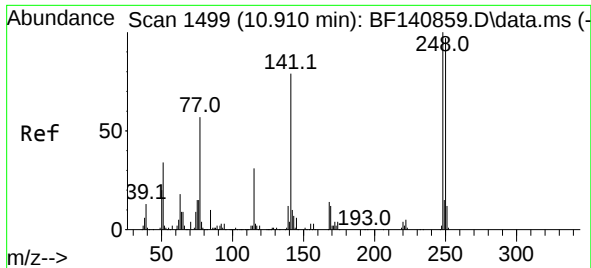
Tgt Ion: 77	Resp: 17616
Ion Ratio	Lower Upper
77 100	
182 76.1	4.5 44.5#
105 146.9	0.9 40.9#
51 39.0	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion: 188	Resp: 141303
Ion Ratio	Lower Upper
188 100	
94 7.6	6.4 9.6
80 8.4	6.8 10.2

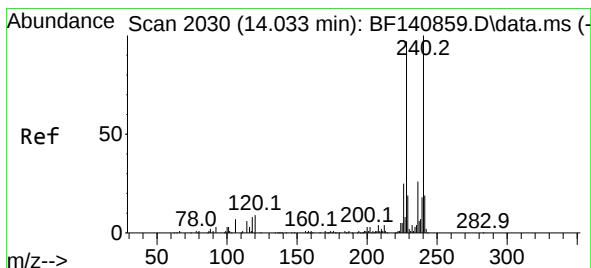
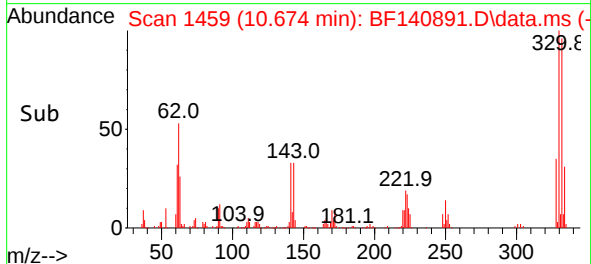
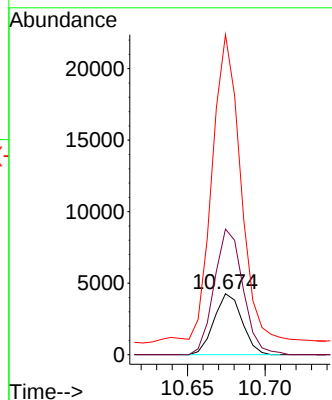
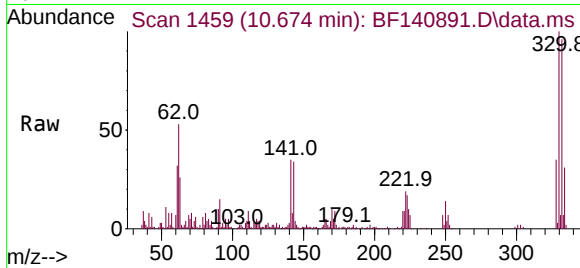




#67
4-Bromophenyl-phenylether
Concen: 3.387 ng
RT: 10.674 min Scan# 1499
Delta R.T. -0.236 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

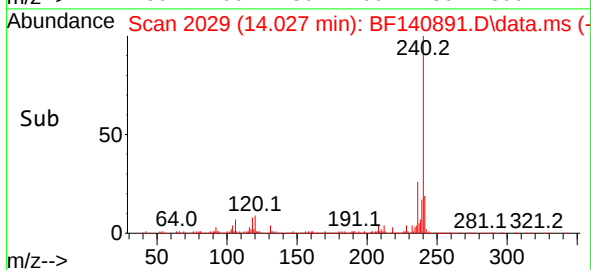
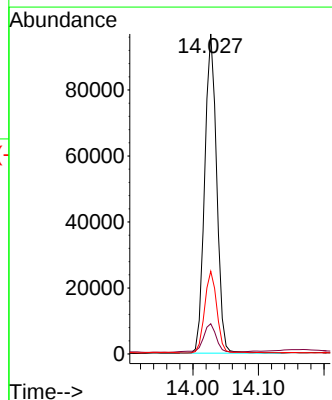
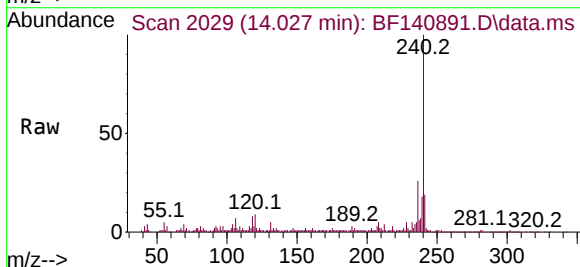
Instrument :
BNA_F
ClientSampleId :
HR-01-121624

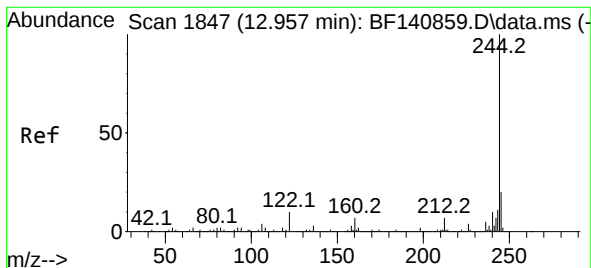
Tgt Ion:248 Resp: 5354
Ion Ratio Lower Upper
248 100
250 205.8 77.4 116.2#
141 524.3 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140891.D
Acq: 17 Dec 2024 17:49

Tgt Ion:240 Resp: 123770
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 55.445 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140891.D

Acq: 17 Dec 2024 17:49

Instrument :

BNA_F

ClientSampleId :

HR-01-121624

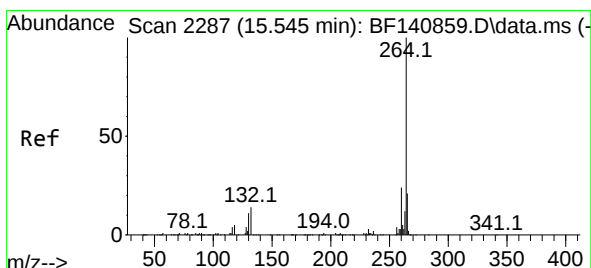
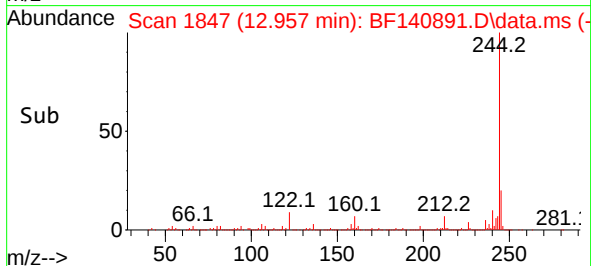
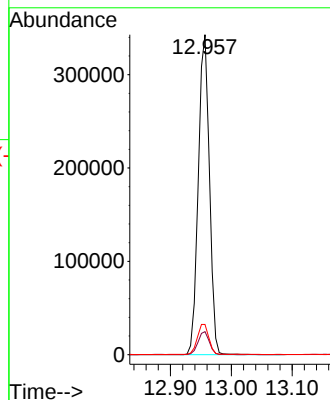
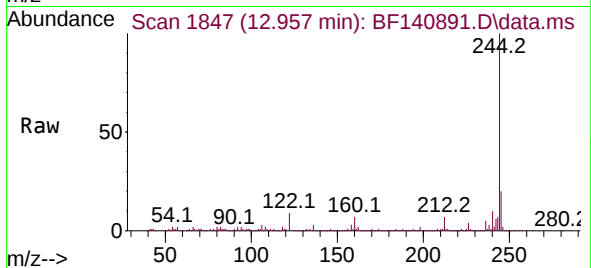
Tgt Ion:244 Resp: 435194

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.012 min

Lab File: BF140891.D

Acq: 17 Dec 2024 17:49

Tgt Ion:264 Resp: 118967

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.3 17.0 25.4

