

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140952.D
 Acq On : 20 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5306-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-07-121224

Quant Time: Dec 20 16:44:14 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)

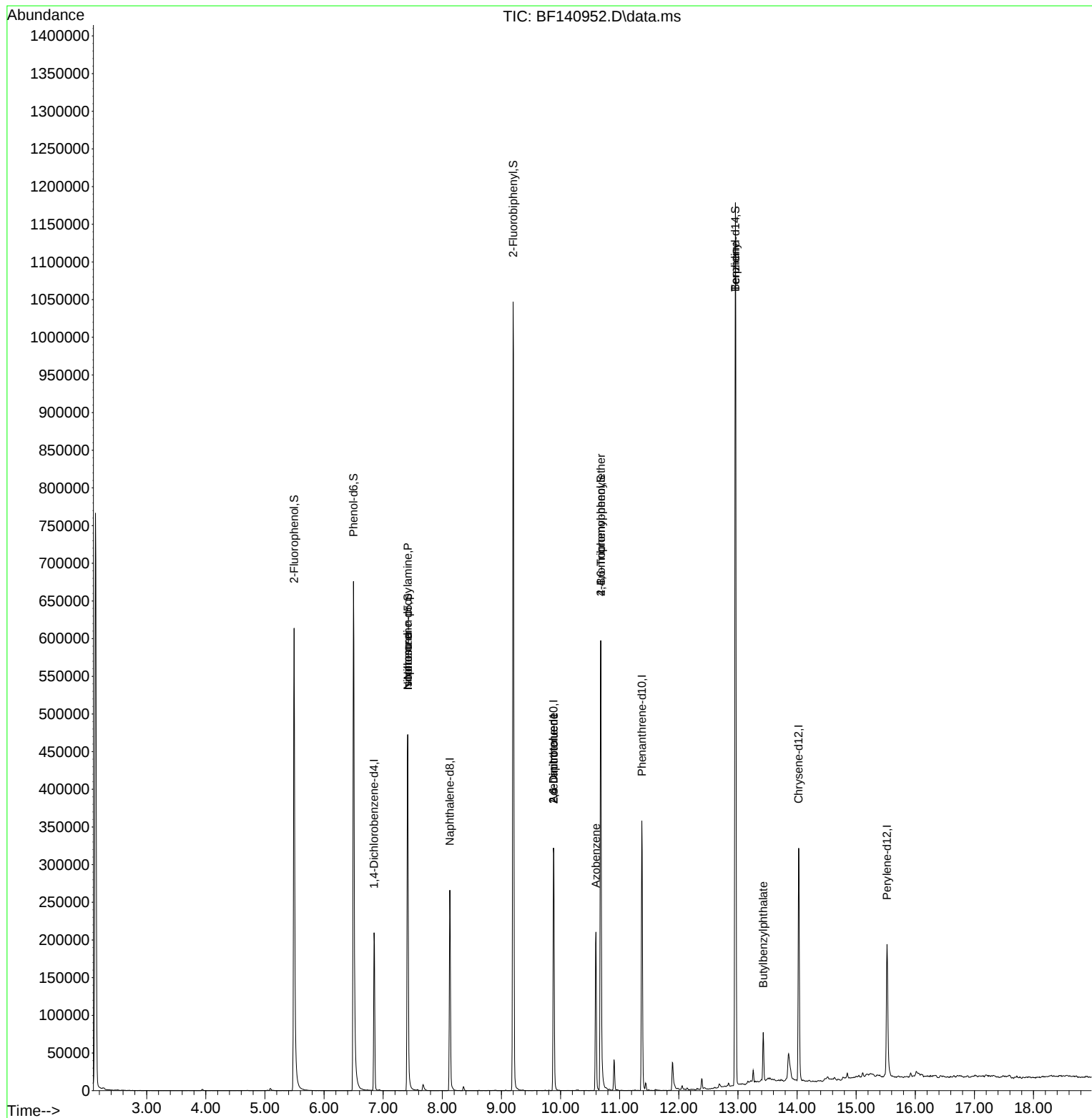
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	48127	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	182875	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	107744	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	206471	20.000	ng	0.00
76) Chrysene-d12	14.027	240	165659	20.000	ng	0.00
86) Perylene-d12	15.521	264	128346	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	282509	96.632	ng	0.00
7) Phenol-d6	6.498	99	375855	97.063	ng	0.00
23) Nitrobenzene-d5	7.416	82	233840	63.974	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	117340	92.082	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	490791	62.627	ng	0.00
79) Terphenyl-d14	12.957	244	586706	55.847	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	30778	13.251	ng	# 76
25) Isophorone	7.416	82	231657	37.825	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	13665	7.869	ng	# 20
57) 2,4-Dinitrotoluene	9.881	165	13665	5.981	ng	# 14
63) Azobenzene	10.598	77	56990	7.696	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	7504	3.249	ng	# 1
77) Benzidine	12.957	184	7790	2.304	ng	# 91
80) Butylbenzylphthalate	13.427	149	21928	4.045	ng	97

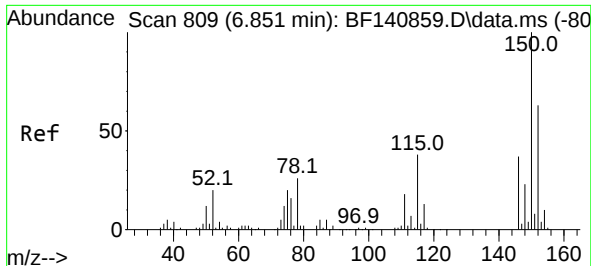
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
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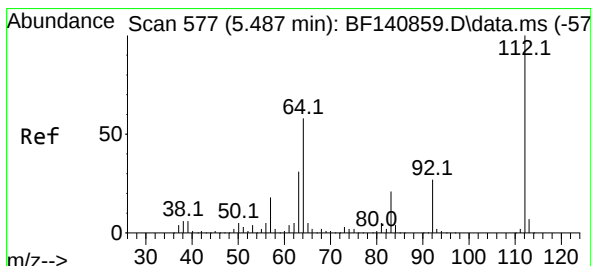
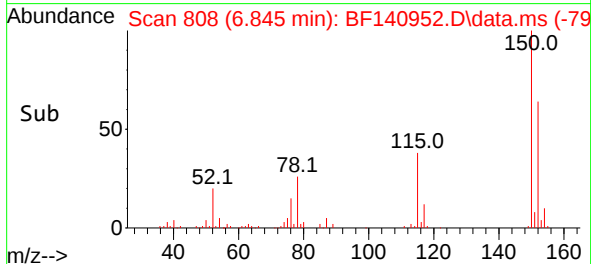
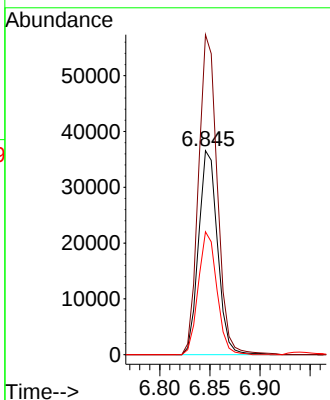
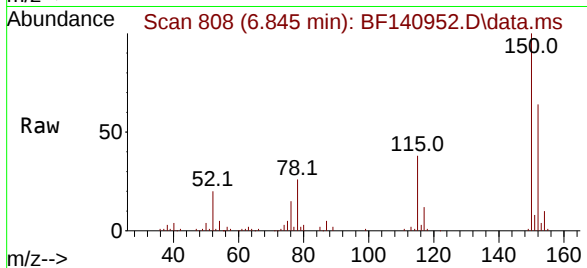




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

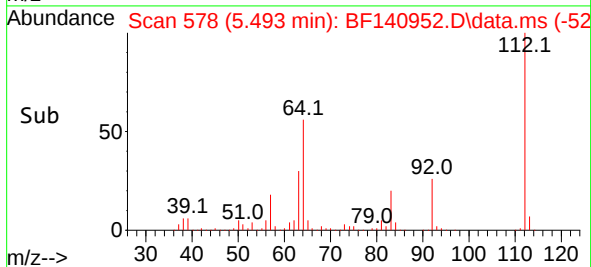
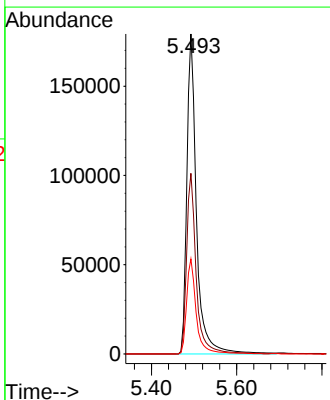
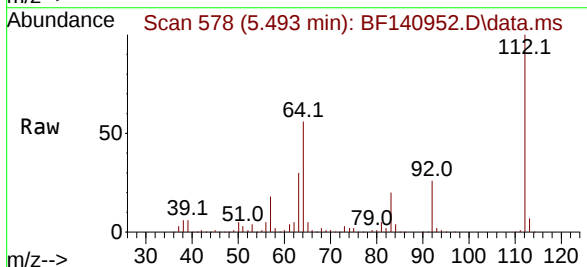
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-07-121224

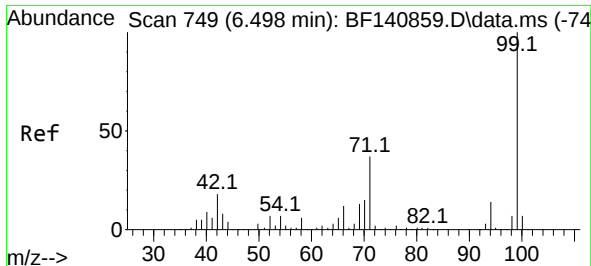
Tgt Ion:152 Resp: 48127
Ion Ratio Lower Upper
152 100
150 156.8 127.9 191.9
115 60.2 48.0 72.0



#5
2-Fluorophenol
Concen: 96.632 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:112 Resp: 282509
Ion Ratio Lower Upper
112 100
64 56.5 46.1 69.1
63 29.7 24.9 37.3





#7

Phenol-d6

Concen: 97.063 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF140952.D

Acq: 20 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-07-121224

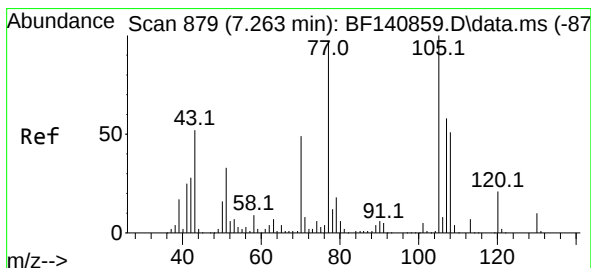
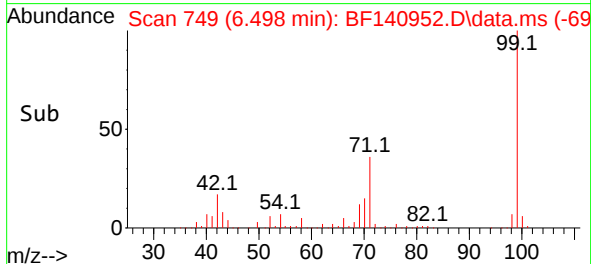
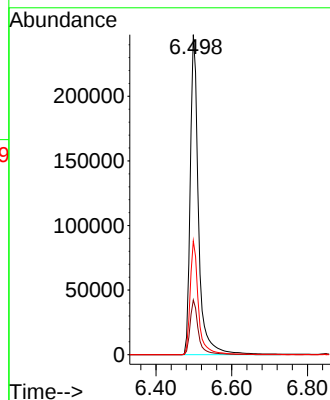
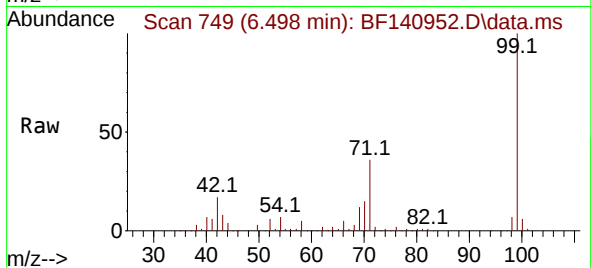
Tgt Ion: 99 Resp: 375855

Ion Ratio Lower Upper

99 100

42 17.1 14.3 21.5

71 35.5 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.251 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF140952.D

Acq: 20 Dec 2024 15:55

Tgt Ion: 70 Resp: 30778

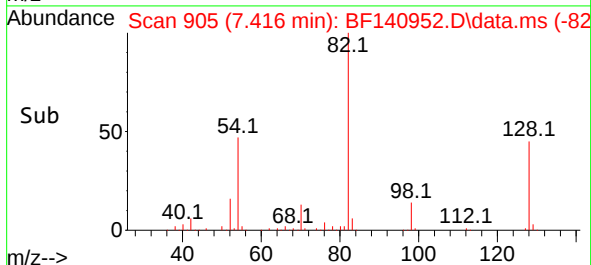
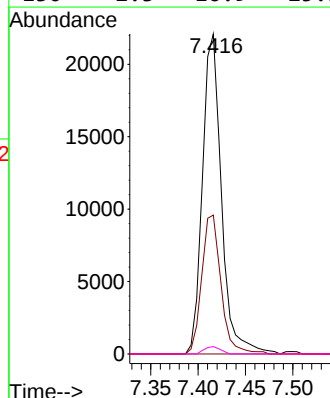
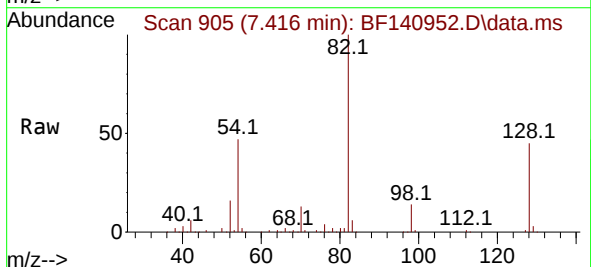
Ion Ratio Lower Upper

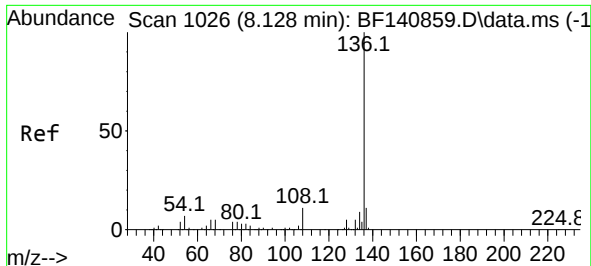
70 100

42 43.4 45.3 67.9#

101 0.0 8.0 12.0#

130 2.3 16.9 25.3#

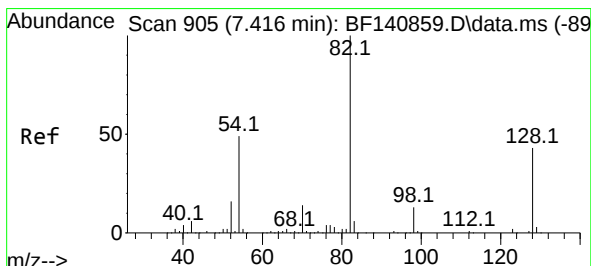
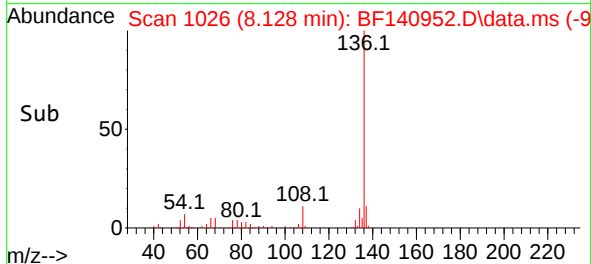
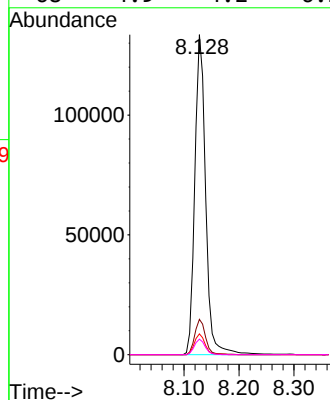
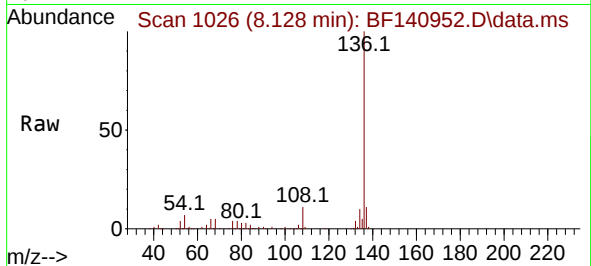




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

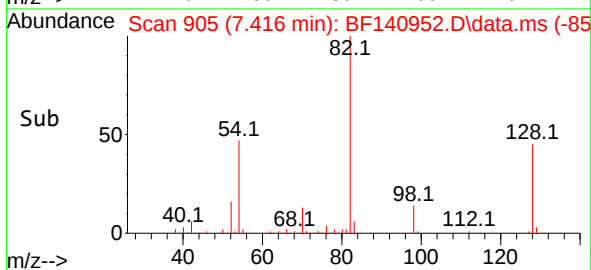
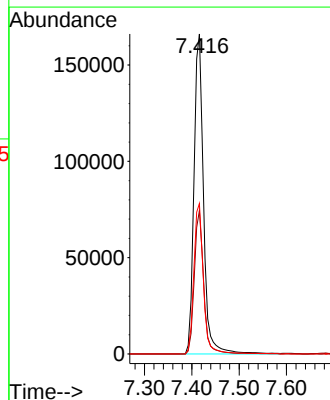
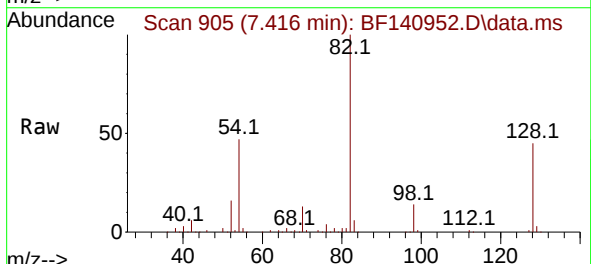
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-07-121224

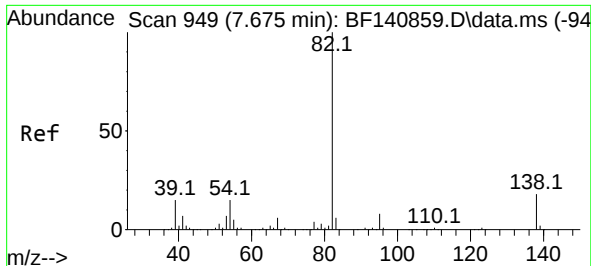
Tgt Ion:	136	Resp:	182875
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.6	8.4
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 63.974 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:	82	Resp:	233840
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.4	51.6
54	47.0	38.8	58.2

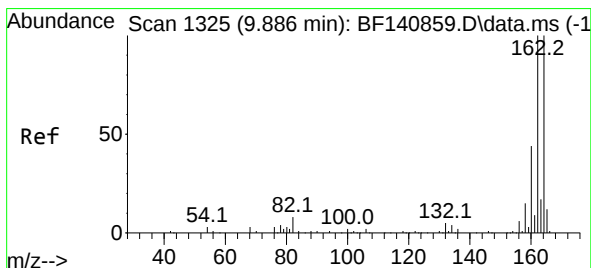
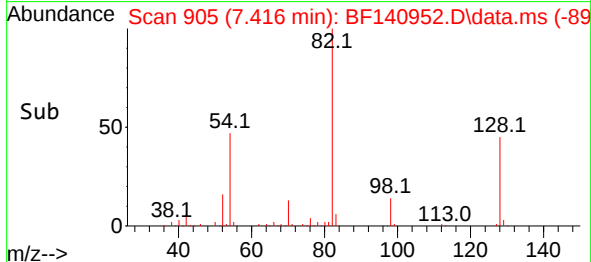
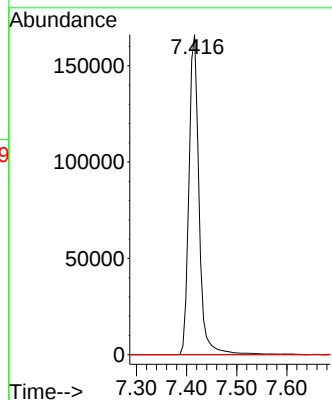
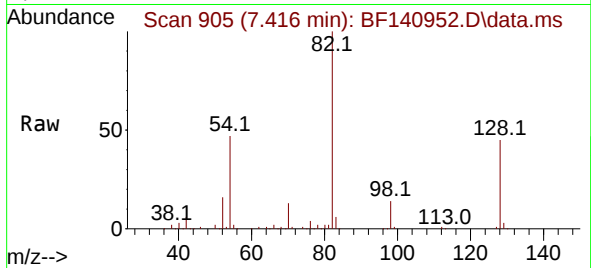




#25
Isophorone
Concen: 37.825 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

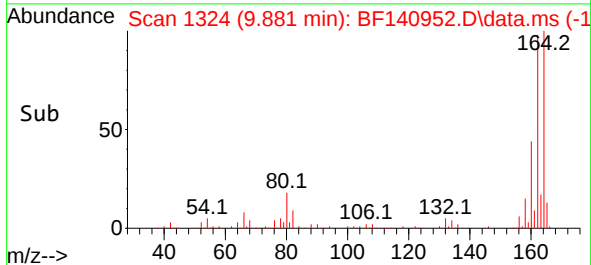
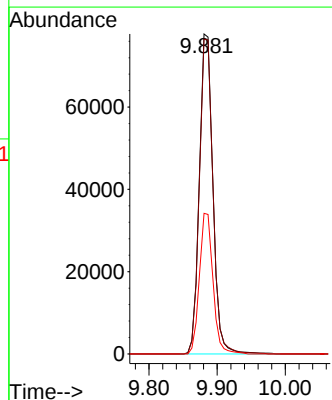
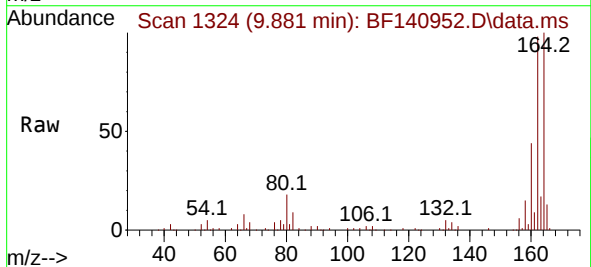
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-07-121224

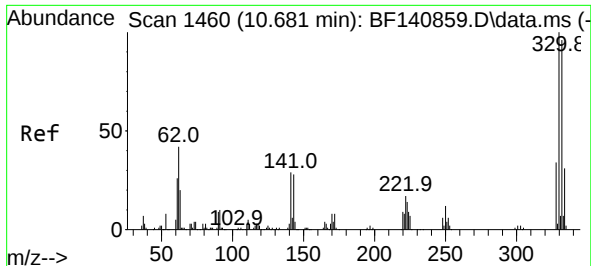
Tgt Ion: 82 Resp: 231657
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:164 Resp: 107744
Ion Ratio Lower Upper
164 100
162 98.4 79.9 119.9
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 92.082 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140952.D

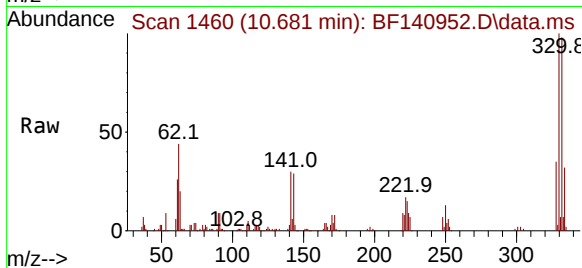
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Instrument :

BNA_F

ClientSampleId :

OU4-VSL-07-121224



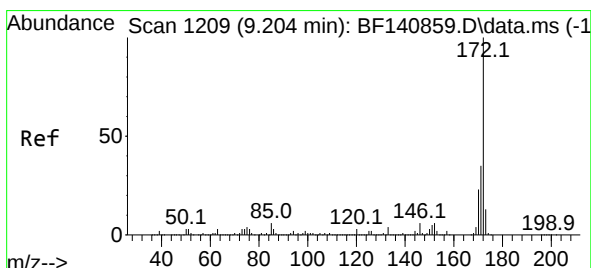
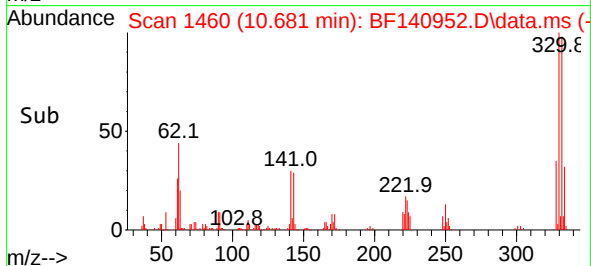
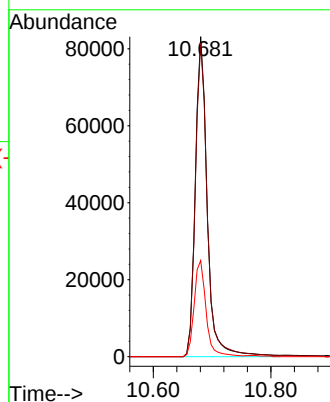
Tgt Ion:330 Resp: 117340

Ion Ratio Lower Upper

330 100

332 98.8 76.2 114.4

141 29.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 62.627 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140952.D

Acq: 20 Dec 2024 15:55

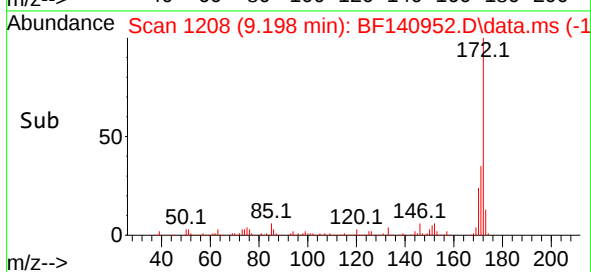
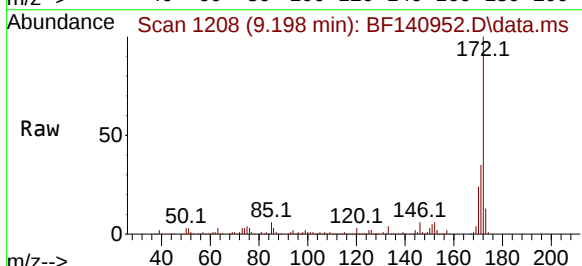
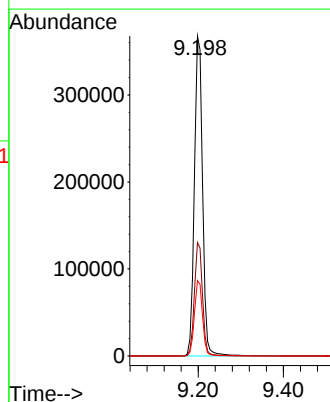
Tgt Ion:172 Resp: 490791

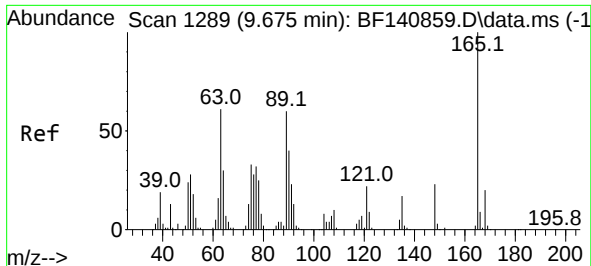
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 18.6 28.0

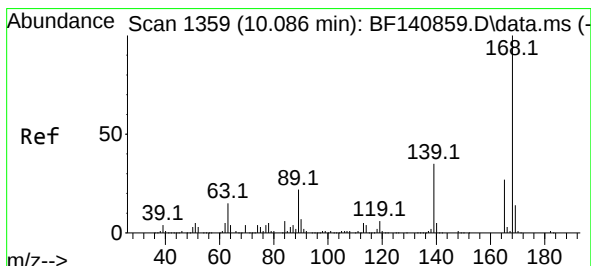
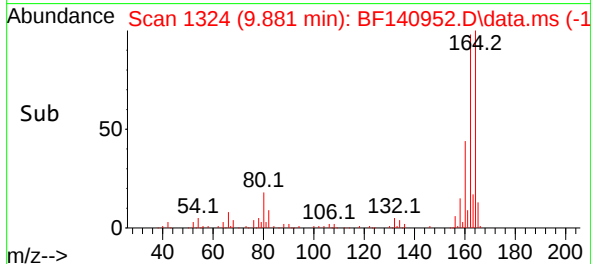
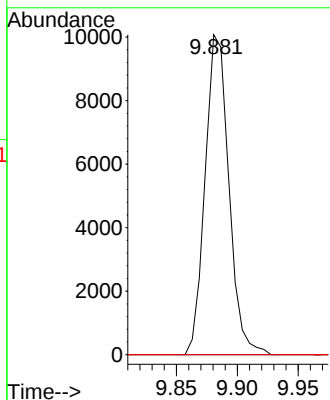
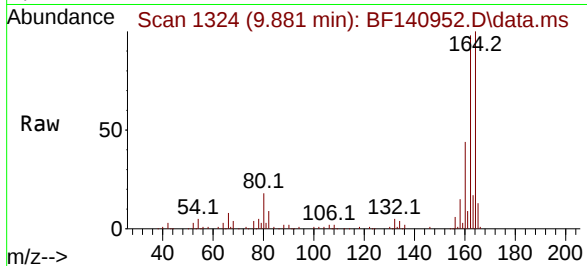




#51
2,6-Dinitrotoluene
Concen: 7.869 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

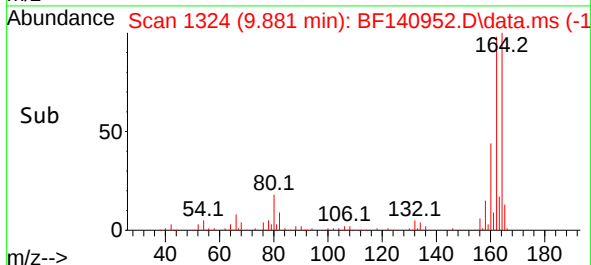
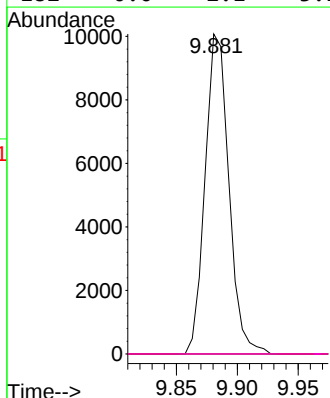
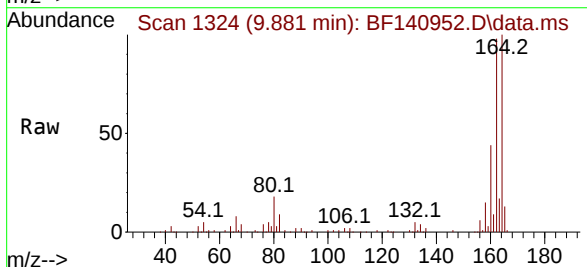
Instrument :
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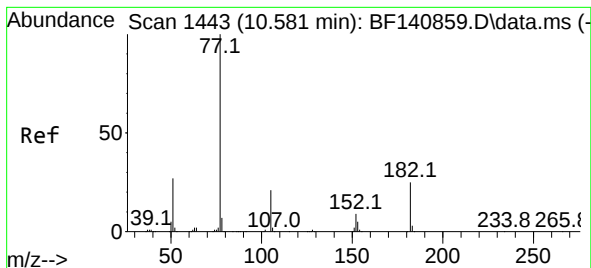
Tgt Ion:165 Resp: 13665
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.981 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:165 Resp: 13665
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 7.696 ng

RT: 10.598 min Scan# 1446

Delta R.T. 0.018 min

Lab File: BF140952.D

Acq: 20 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-07-121224

Tgt Ion: 77 Resp: 56990

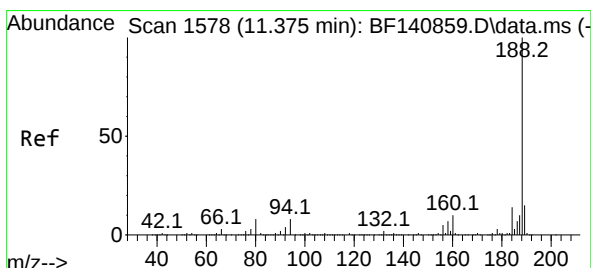
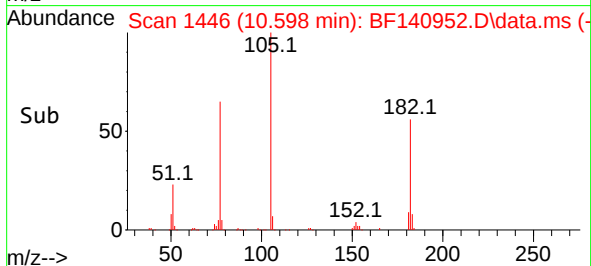
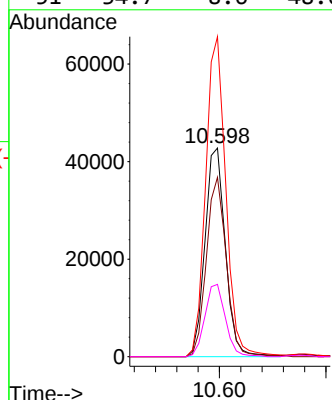
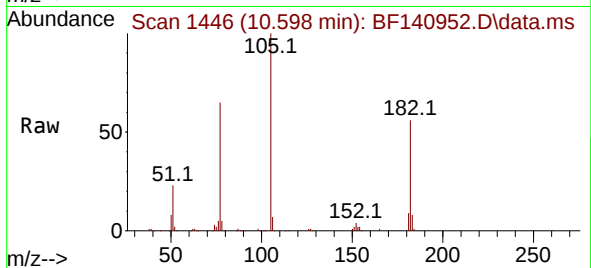
Ion Ratio Lower Upper

77 100

182 86.0 4.5 44.5#

105 153.4 0.9 40.9#

51 34.7 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140952.D

Acq: 20 Dec 2024 15:55

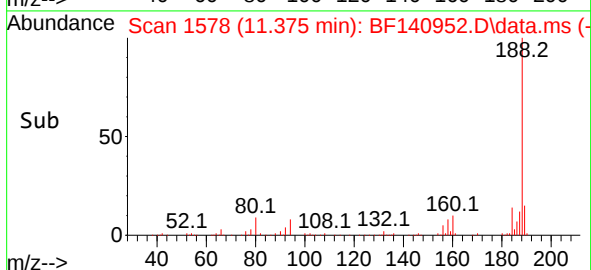
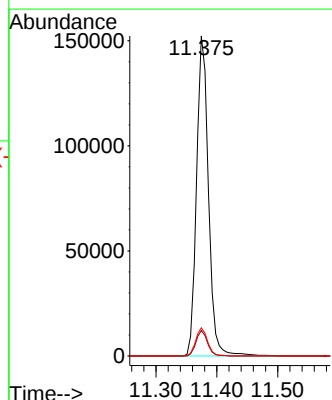
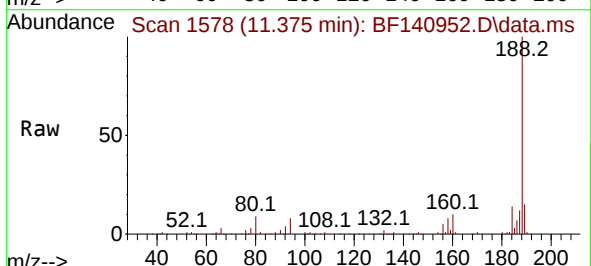
Tgt Ion: 188 Resp: 206471

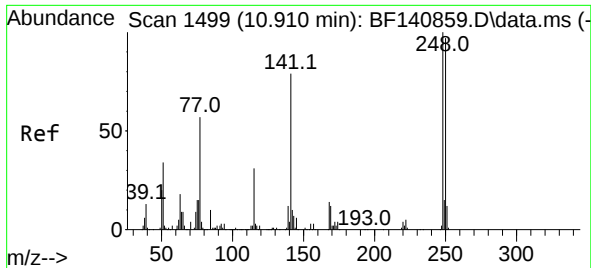
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.8 6.8 10.2

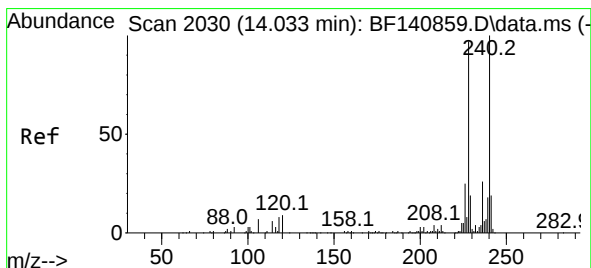
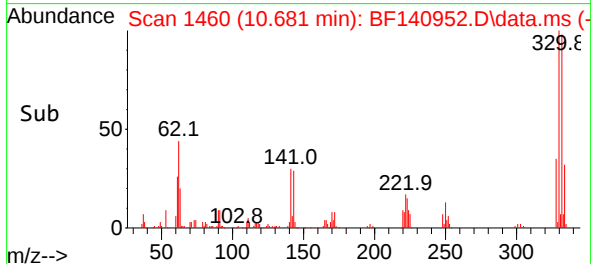
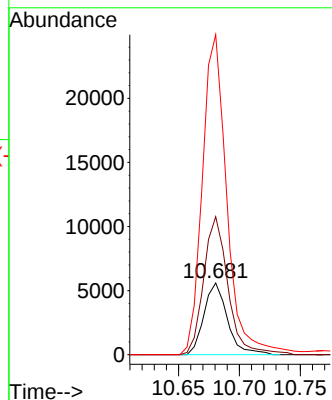
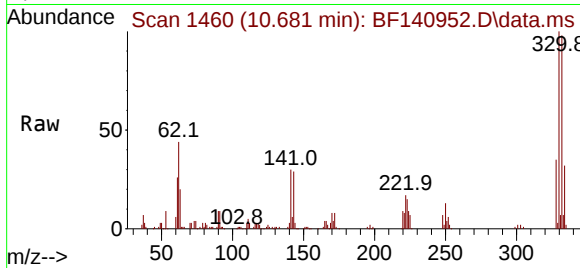




#67
4-Bromophenyl-phenylether
Concen: 3.249 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.229 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

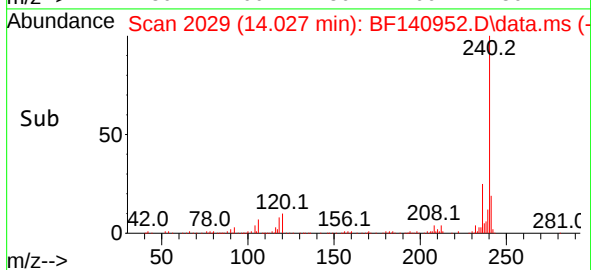
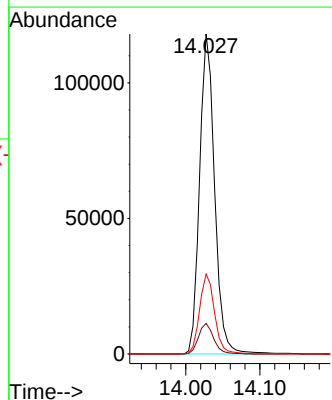
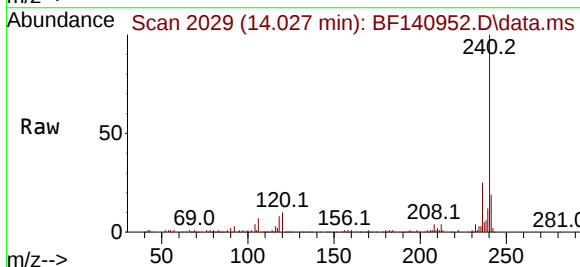
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-07-121224

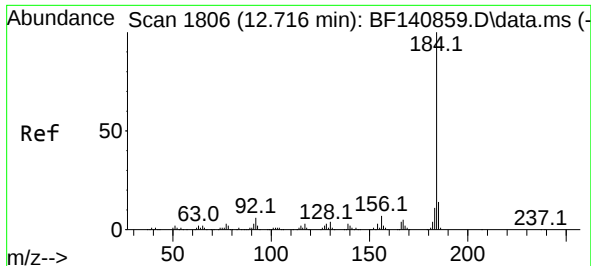
Tgt Ion:248 Resp: 7504
Ion Ratio Lower Upper
248 100
250 192.4 77.4 116.2#
141 446.2 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:240 Resp: 165659
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.0 20.5 30.7

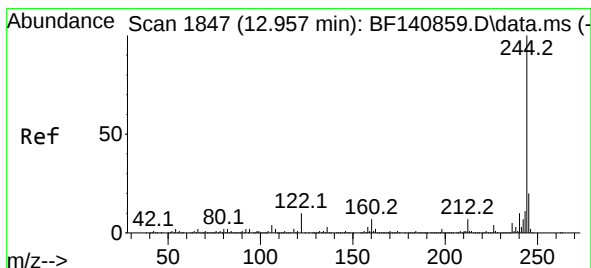
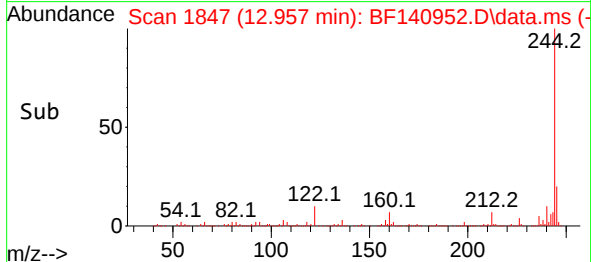
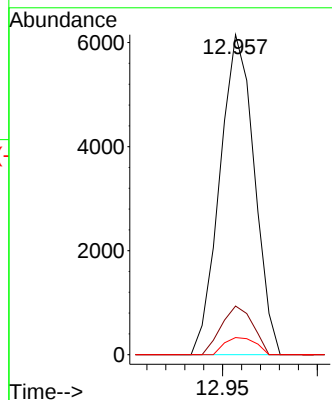
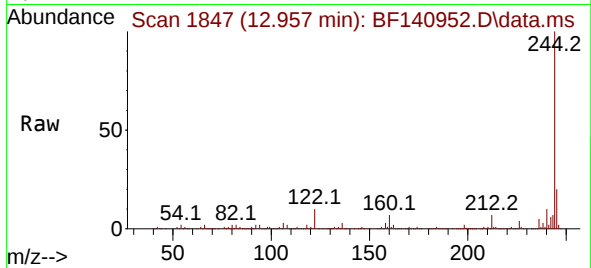




#77
Benzidine
Concen: 2.304 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

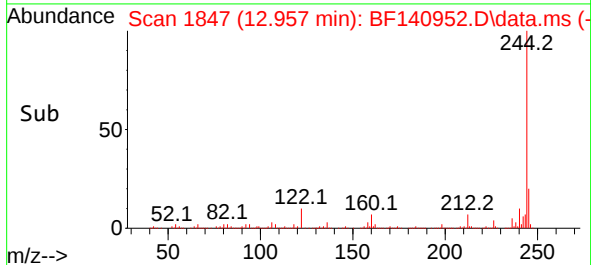
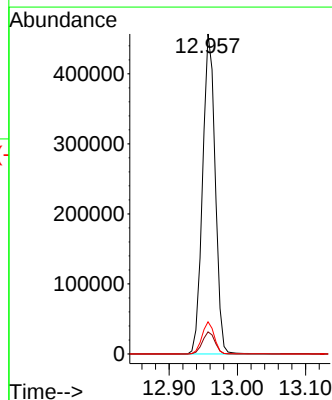
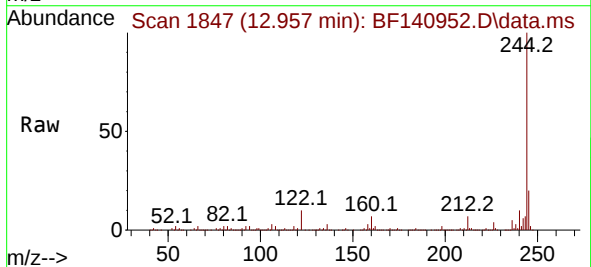
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-07-121224

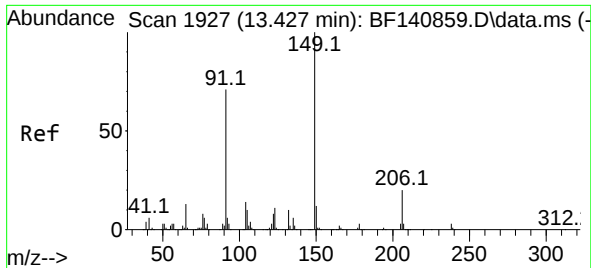
Tgt Ion:184 Resp: 7790
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 5.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 55.847 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:244 Resp: 586706
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.0 8.2 12.2

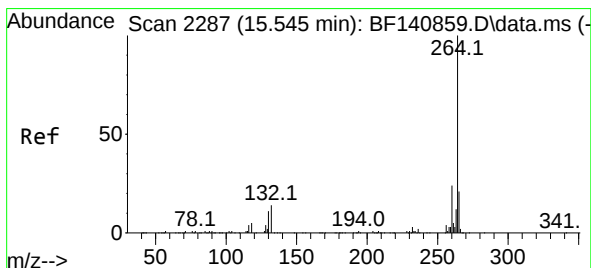
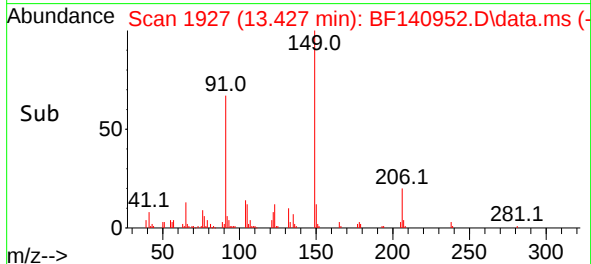
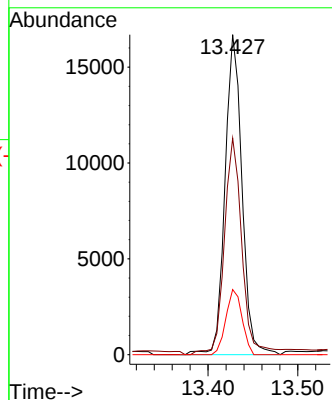
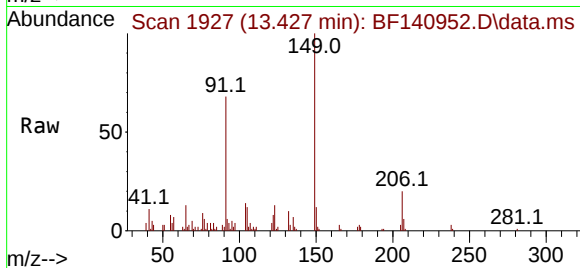




#80
Butylbenzylphthalate
Concen: 4.045 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-07-121224

Tgt Ion:	149	Resp:	21928
Ion Ratio	Lower	Upper	
149	100		
91	67.7	56.7	85.1
206	20.3	16.4	24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140952.D
Acq: 20 Dec 2024 15:55

Tgt Ion:	264	Resp:	128346
Ion Ratio	Lower	Upper	
264	100		
260	22.0	19.1	28.7
265	20.3	17.0	25.4

