

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140950.D
 Acq On : 20 Dec 2024 15:02
 Operator : RC/JU
 Sample : P5306-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-13-121224

Quant Time: Dec 20 16:03:57 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)

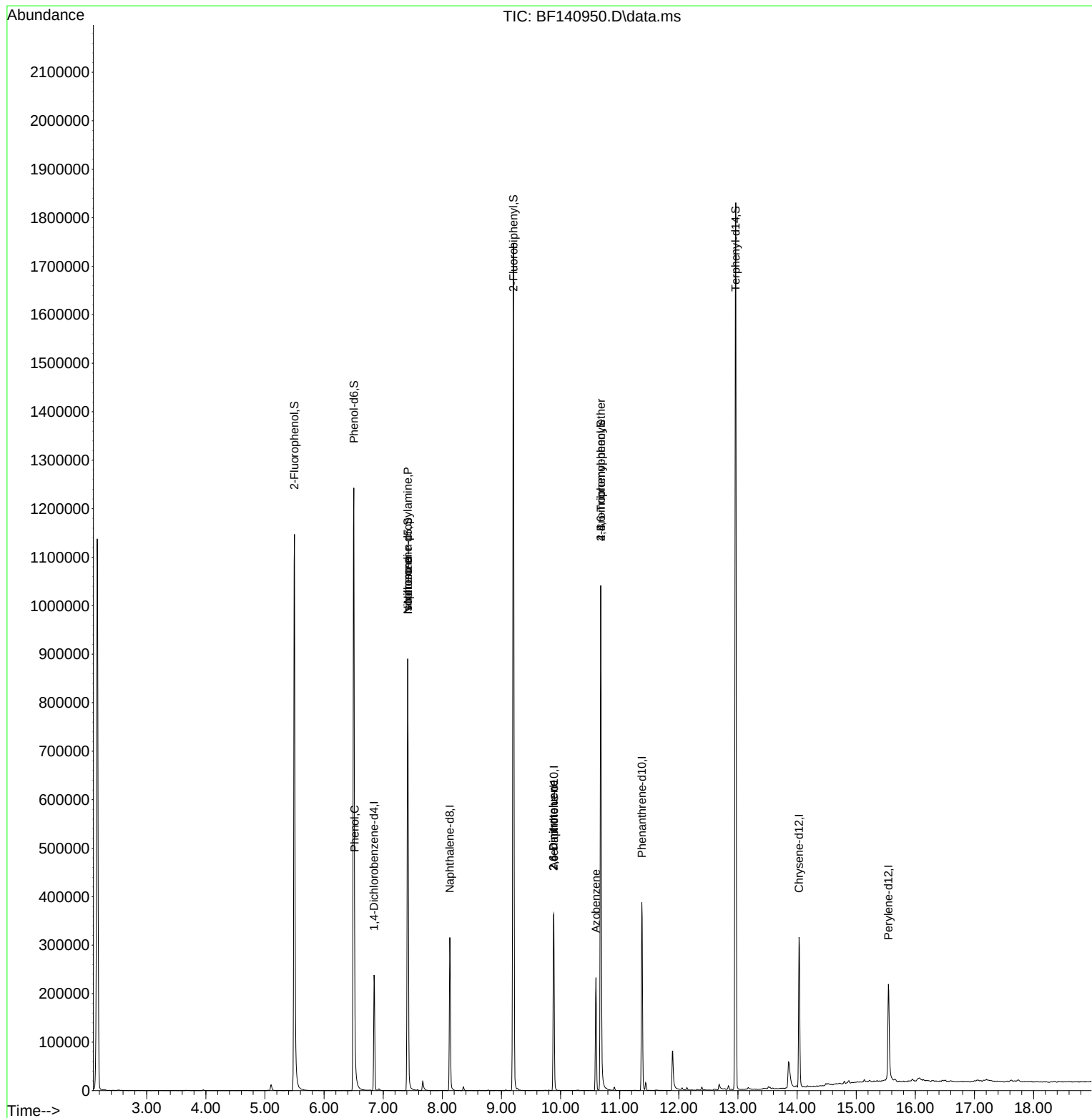
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	53866	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	214632	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	122940	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	223066	20.000	ng	0.00
76) Chrysene-d12	14.033	240	167929	20.000	ng	0.00
86) Perylene-d12	15.545	264	138716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	498487	152.341	ng	0.01
7) Phenol-d6	6.504	99	663315	153.048	ng	0.00
23) Nitrobenzene-d5	7.416	82	434470	101.276	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	202739	139.432	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	819854	91.685	ng	0.00
79) Terphenyl-d14	12.963	244	947438	88.965	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	9231	2.055	ng	# 35
19) n-Nitroso-di-n-propyla...	7.416	70	56861	21.872	ng	# 75
25) Isophorone	7.416	82	434176	60.402	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	15390	7.767	ng	# 20
57) 2,4-Dinitrotoluene	9.880	165	15390	5.903	ng	# 14
63) Azobenzene	10.598	77	60772	7.192	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	12604	5.051	ng	# 1

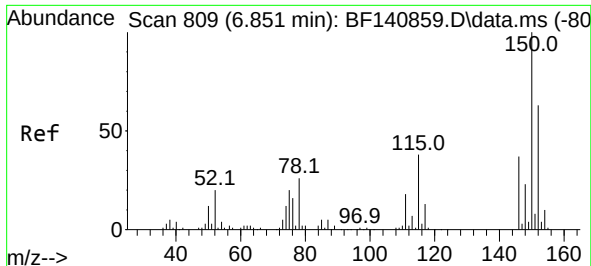
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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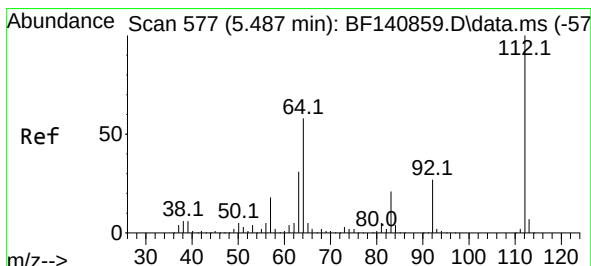
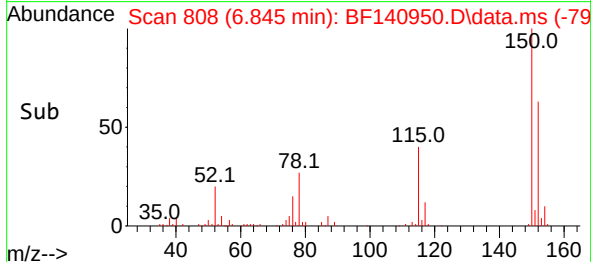
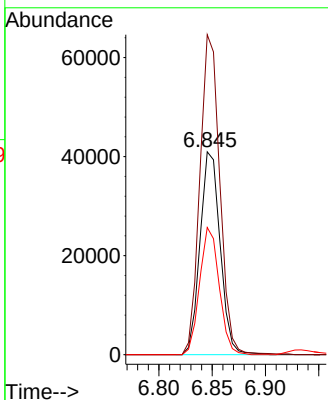
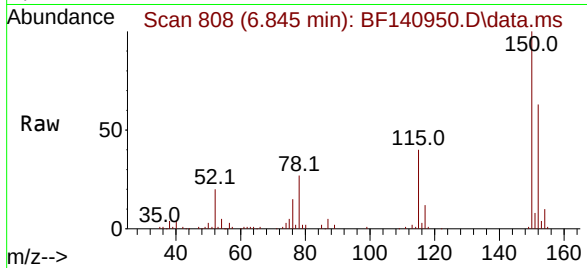




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

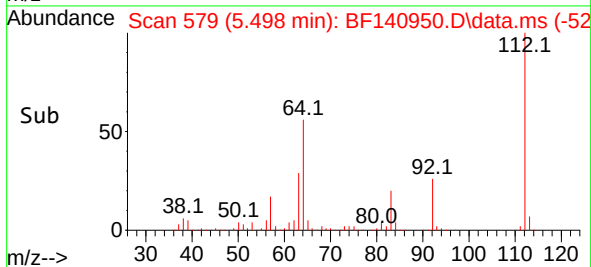
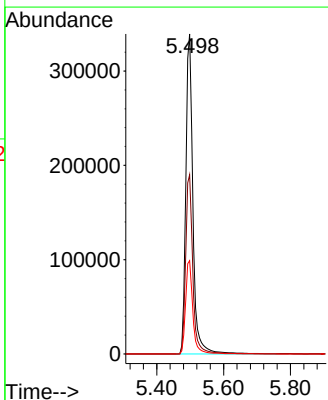
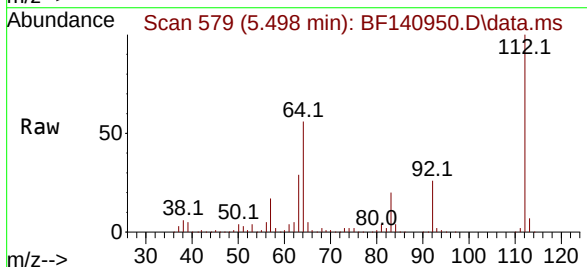
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

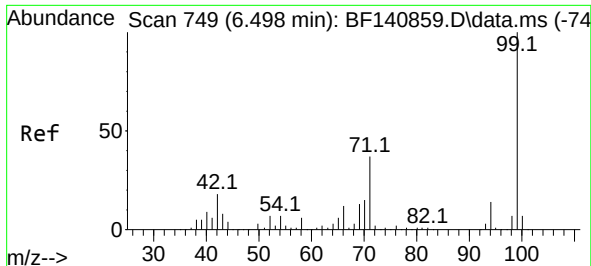
Tgt Ion:152 Resp: 53866
Ion Ratio Lower Upper
152 100
150 157.7 127.9 191.9
115 62.7 48.0 72.0



#5
2-Fluorophenol
Concen: 152.341 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

Tgt Ion:112 Resp: 498487
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 29.2 24.9 37.3

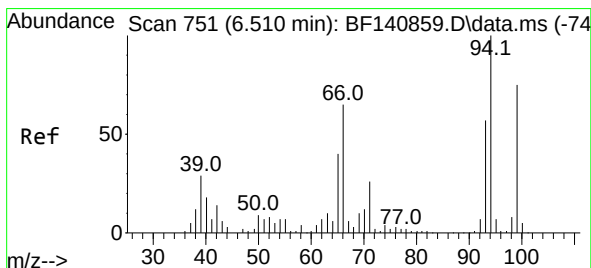
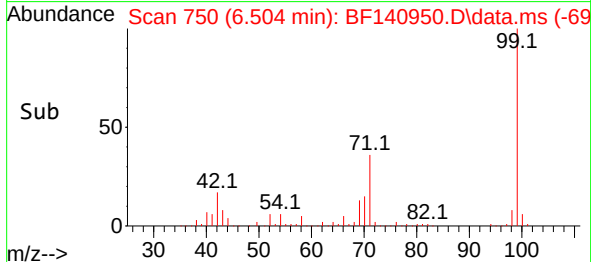
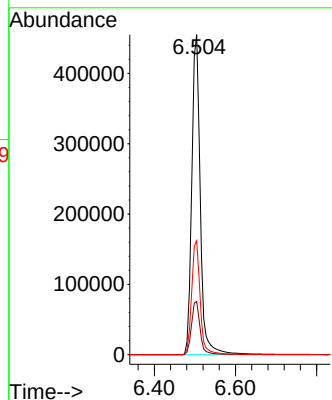
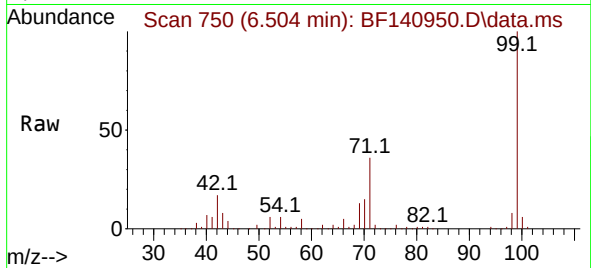




#7
Phenol-d6
Concen: 153.048 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

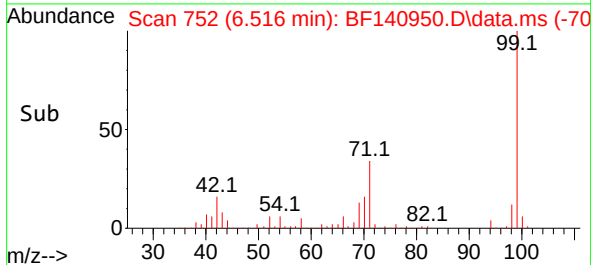
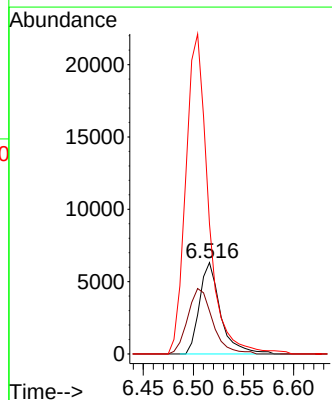
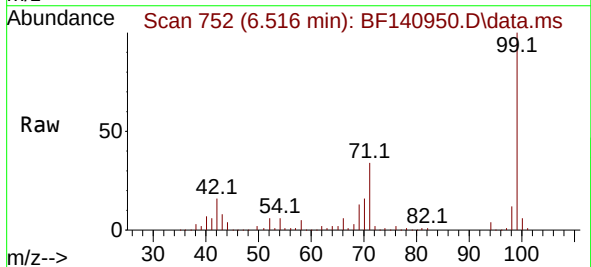
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

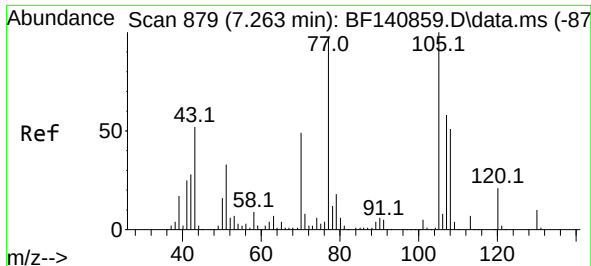
Tgt Ion: 99 Resp: 663315
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 35.6 29.9 44.9



#10
Phenol
Concen: 2.055 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

Tgt Ion: 94 Resp: 9231
Ion Ratio Lower Upper
94 100
65 47.2 19.9 59.9
66 142.4 45.6 85.6#

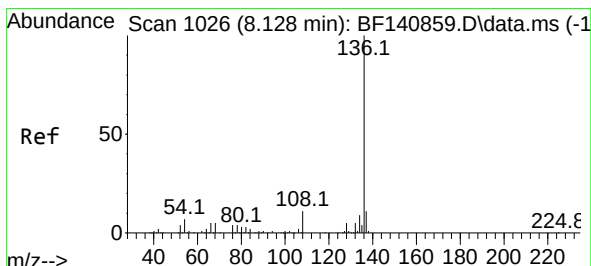
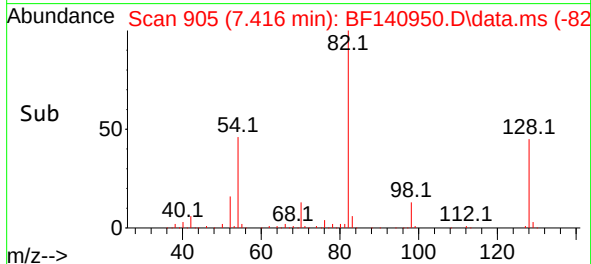
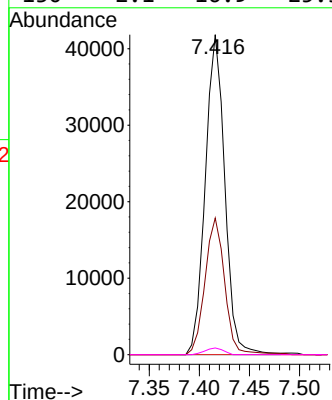
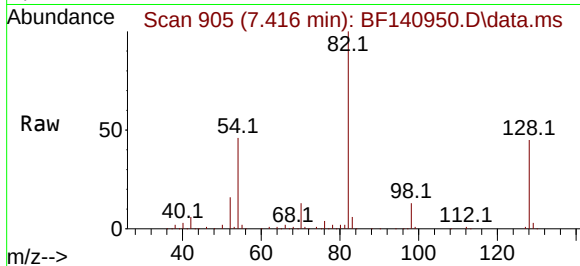




#19
n-Nitroso-di-n-propylamine
Concen: 21.872 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

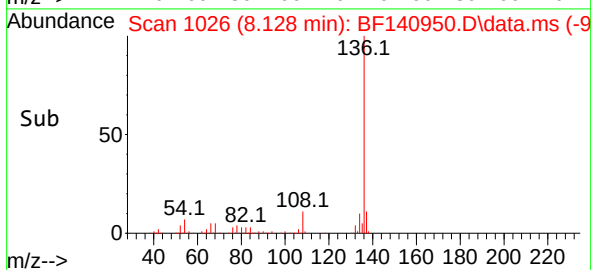
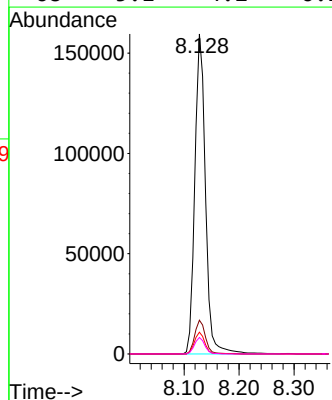
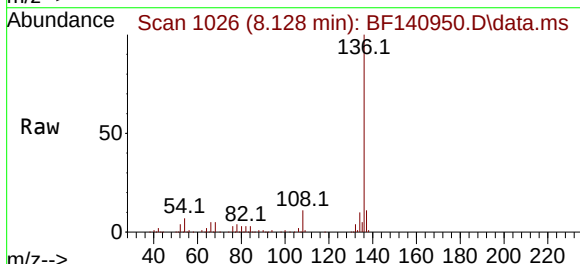
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

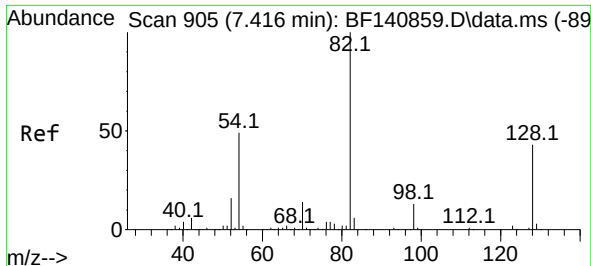
Tgt Ion: 70 Resp: 56861
Ion Ratio Lower Upper
70 100
42 42.7 45.3 67.9#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

Tgt Ion:136 Resp: 214632
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.8 5.6 8.4
68 5.1 4.2 6.2

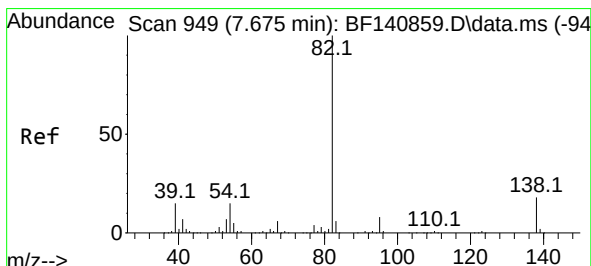
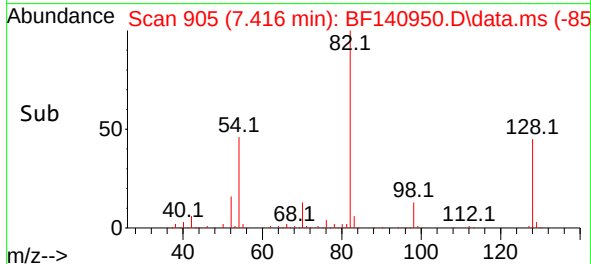
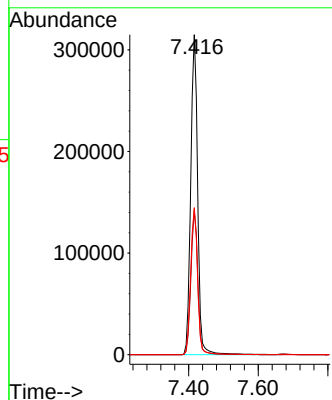
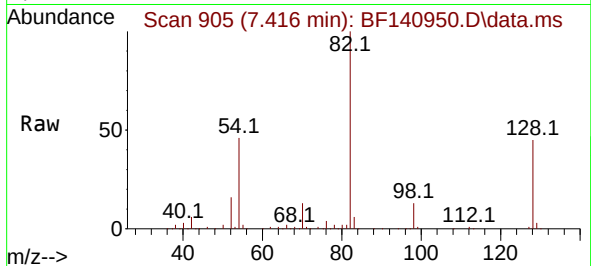




#23
Nitrobenzene-d5
Concen: 101.276 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

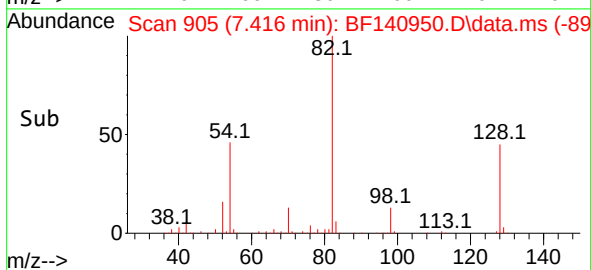
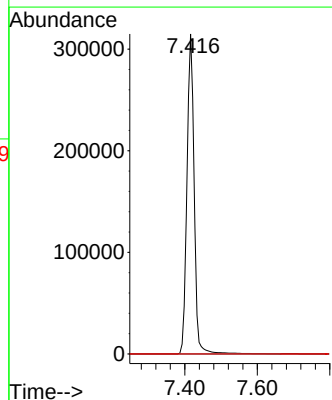
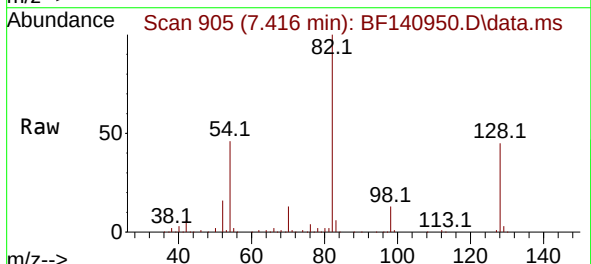
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

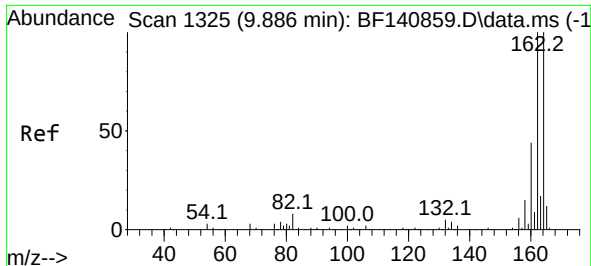
Tgt Ion: 82 Resp: 434470
Ion Ratio Lower Upper
82 100
128 45.2 34.4 51.6
54 45.9 38.8 58.2



#25
Isophorone
Concen: 60.402 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

Tgt Ion: 82 Resp: 434176
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: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140950.D

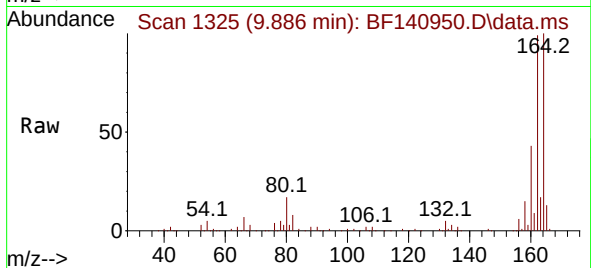
Acq: 20 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-13-121224



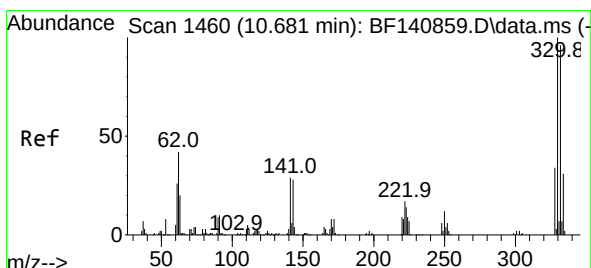
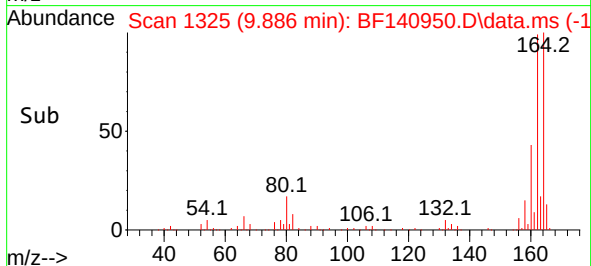
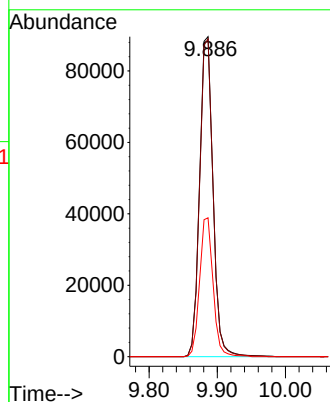
Tgt Ion:164 Resp: 122940

Ion	Ratio	Lower	Upper
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164	100		
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162	99.4	79.9	119.9
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160	43.4	35.2	52.8
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#42

2,4,6-Tribromophenol

Concen: 139.432 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140950.D

Acq: 20 Dec 2024 15:02

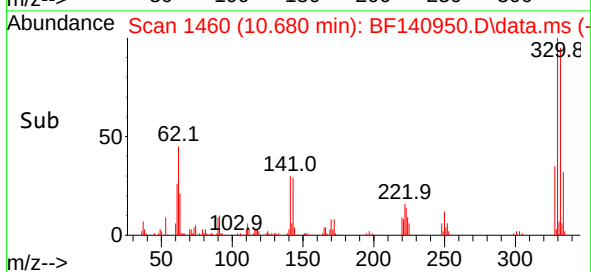
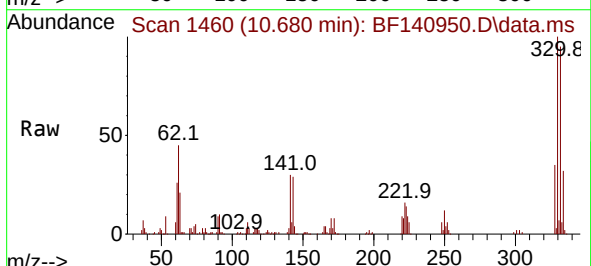
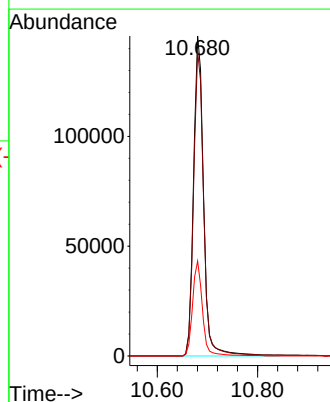
Tgt Ion:330 Resp: 202739

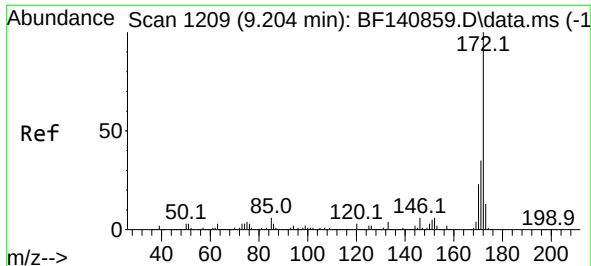
Ion	Ratio	Lower	Upper
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330	100		
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332	95.5	76.2	114.4
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141	29.3	24.9	37.3
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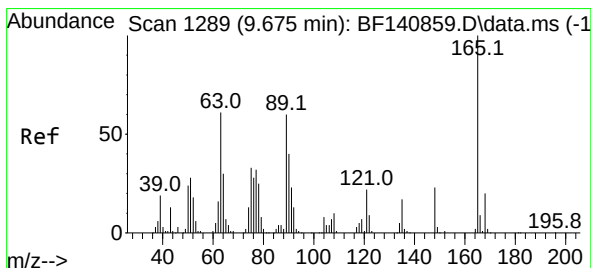
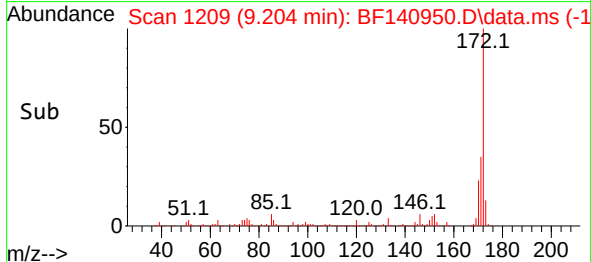
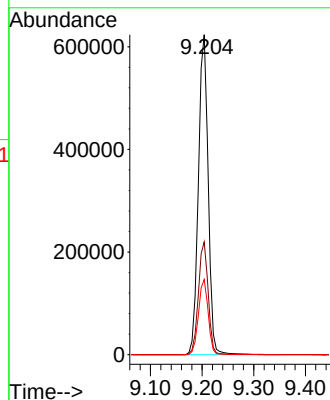
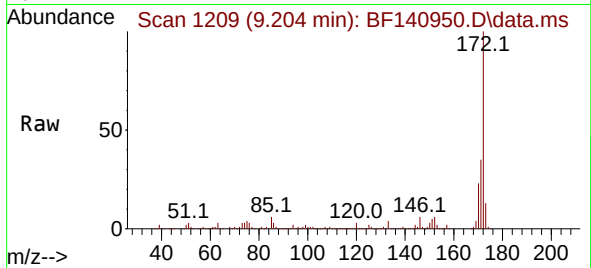




#45
 2-Fluorobiphenyl
 Concen: 91.685 ng
 RT: 9.204 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

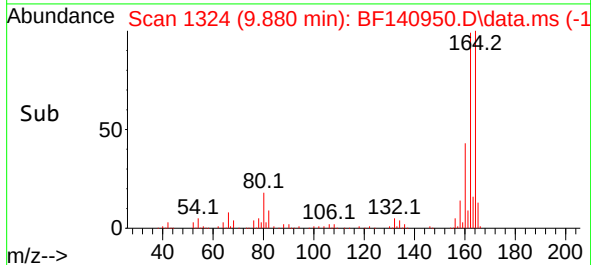
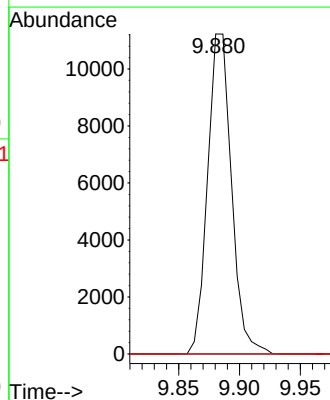
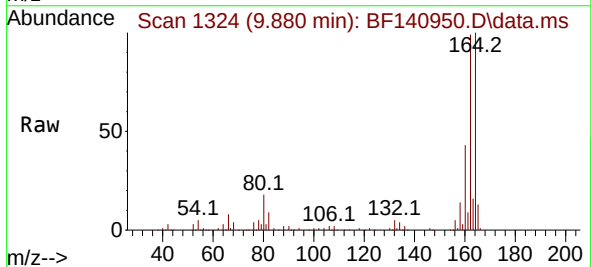
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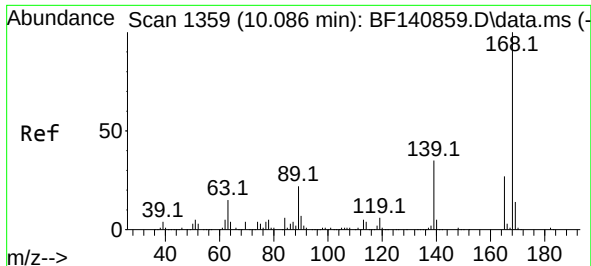
Tgt Ion:172 Resp: 819854
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.5 18.6 28.0



#51
 2,6-Dinitrotoluene
 Concen: 7.767 ng
 RT: 9.880 min Scan# 1324
 Delta R.T. 0.206 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

Tgt Ion:165 Resp: 15390
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.7 74.5#
 89 0.0 48.2 72.4#

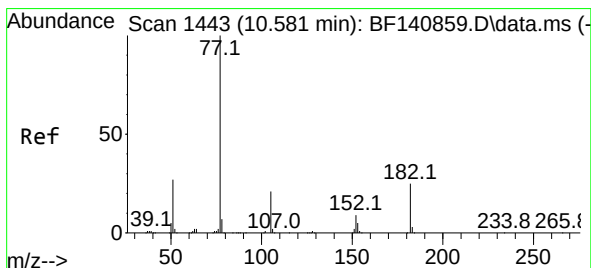
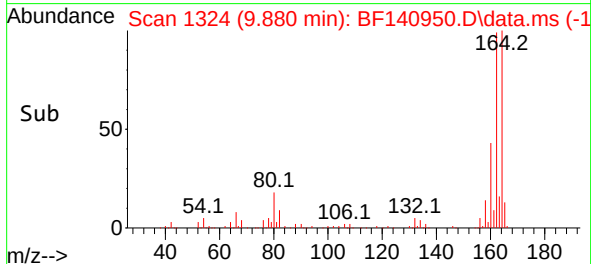
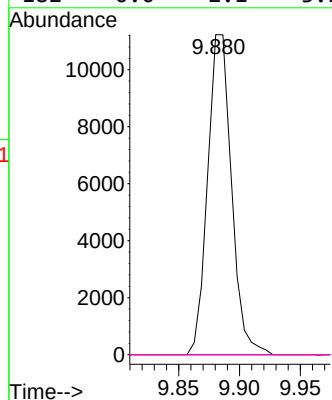
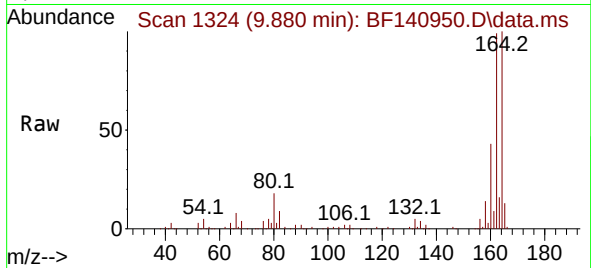




#57
2,4-Dinitrotoluene
Concen: 5.903 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

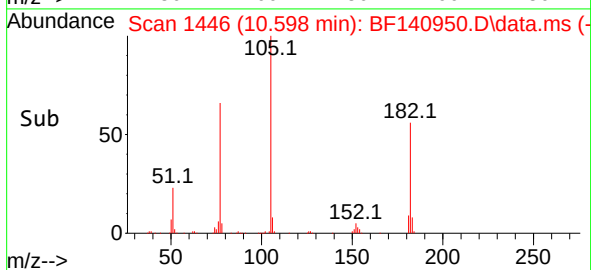
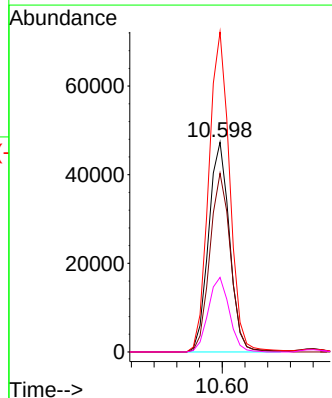
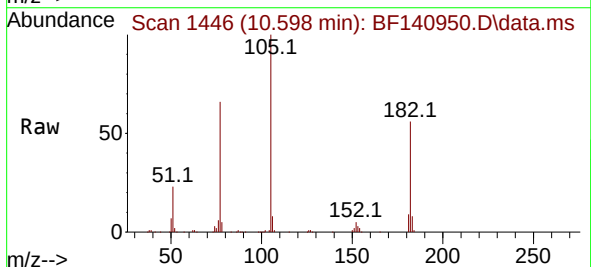
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

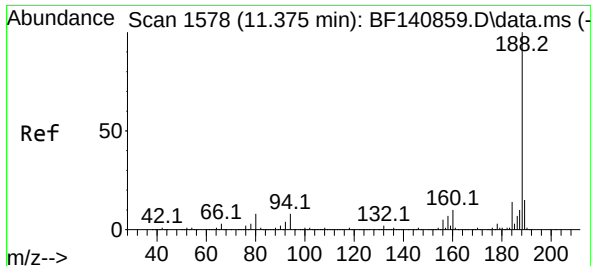
Tgt Ion:165 Resp: 15390
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 7.192 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.017 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

Tgt Ion: 77 Resp: 60772
Ion Ratio Lower Upper
77 100
182 85.2 4.5 44.5#
105 152.5 0.9 40.9#
51 35.6 8.6 48.6

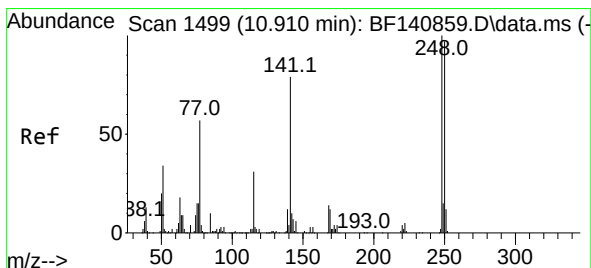
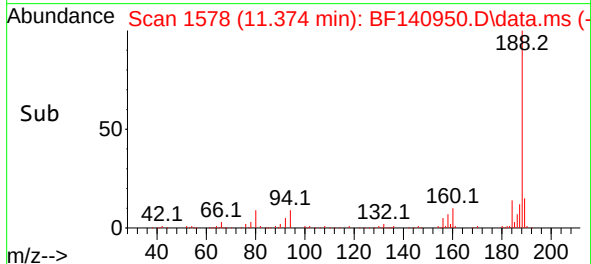
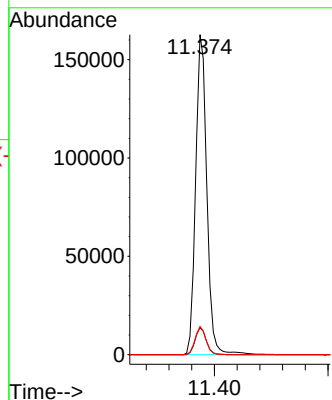
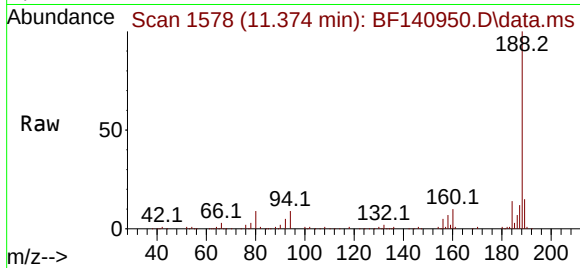




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

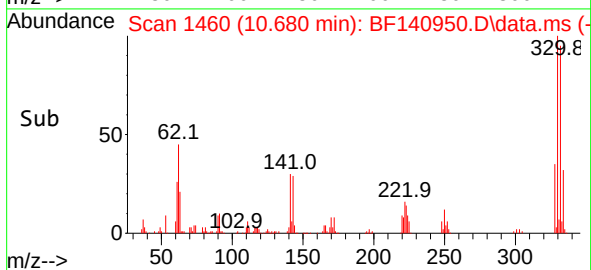
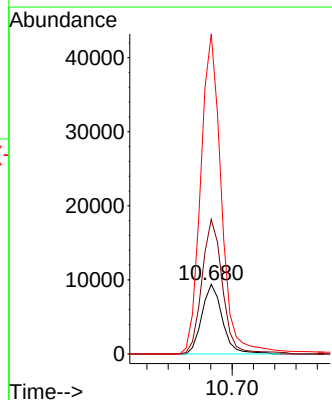
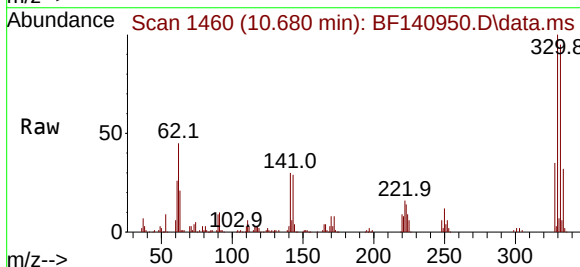
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

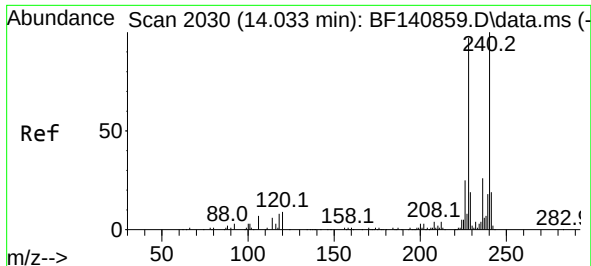
Tgt Ion:188 Resp: 223066
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 8.8 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.051 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.230 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

Tgt Ion:248 Resp: 12604
Ion Ratio Lower Upper
248 100
250 193.3 77.4 116.2#
141 459.7 62.9 94.3#

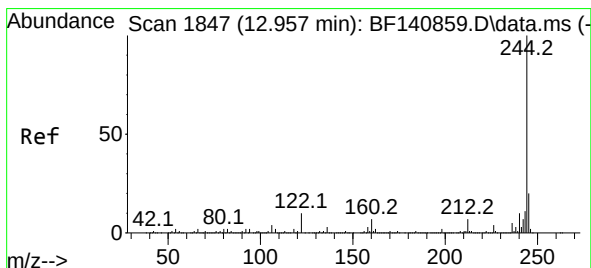
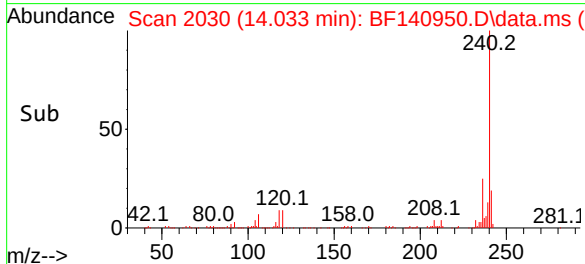
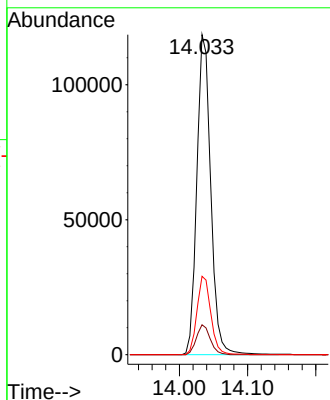
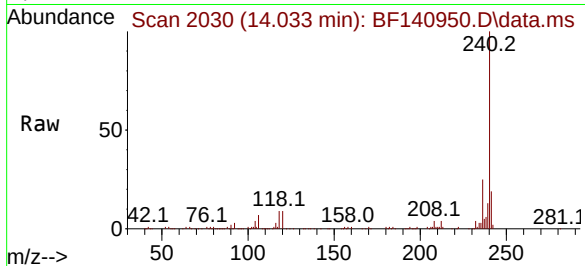




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

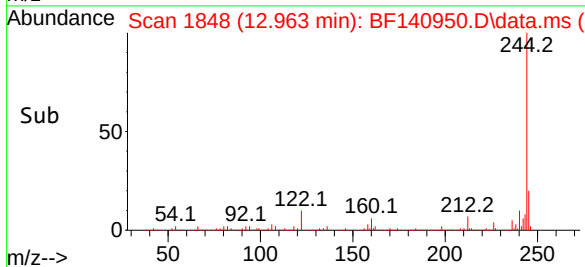
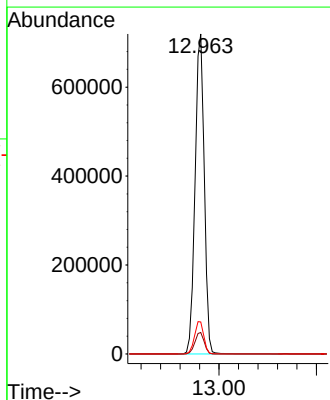
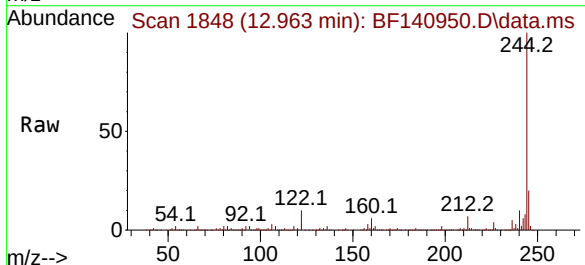
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

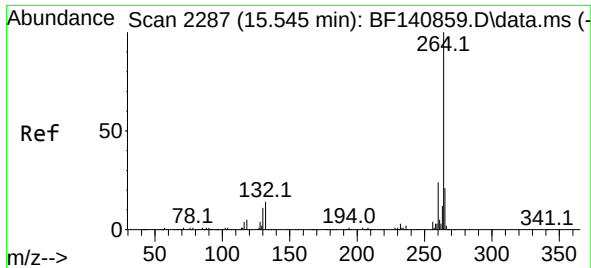
Tgt Ion:240 Resp: 167929
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 24.5 20.5 30.7



#79
Terphenyl-d14
Concen: 88.965 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

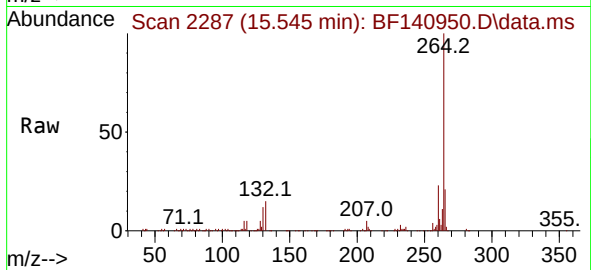
Tgt Ion:244 Resp: 947438
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.0 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-13-121224



Tgt Ion:264 Resp: 138716
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.4 17.0 25.4

