

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

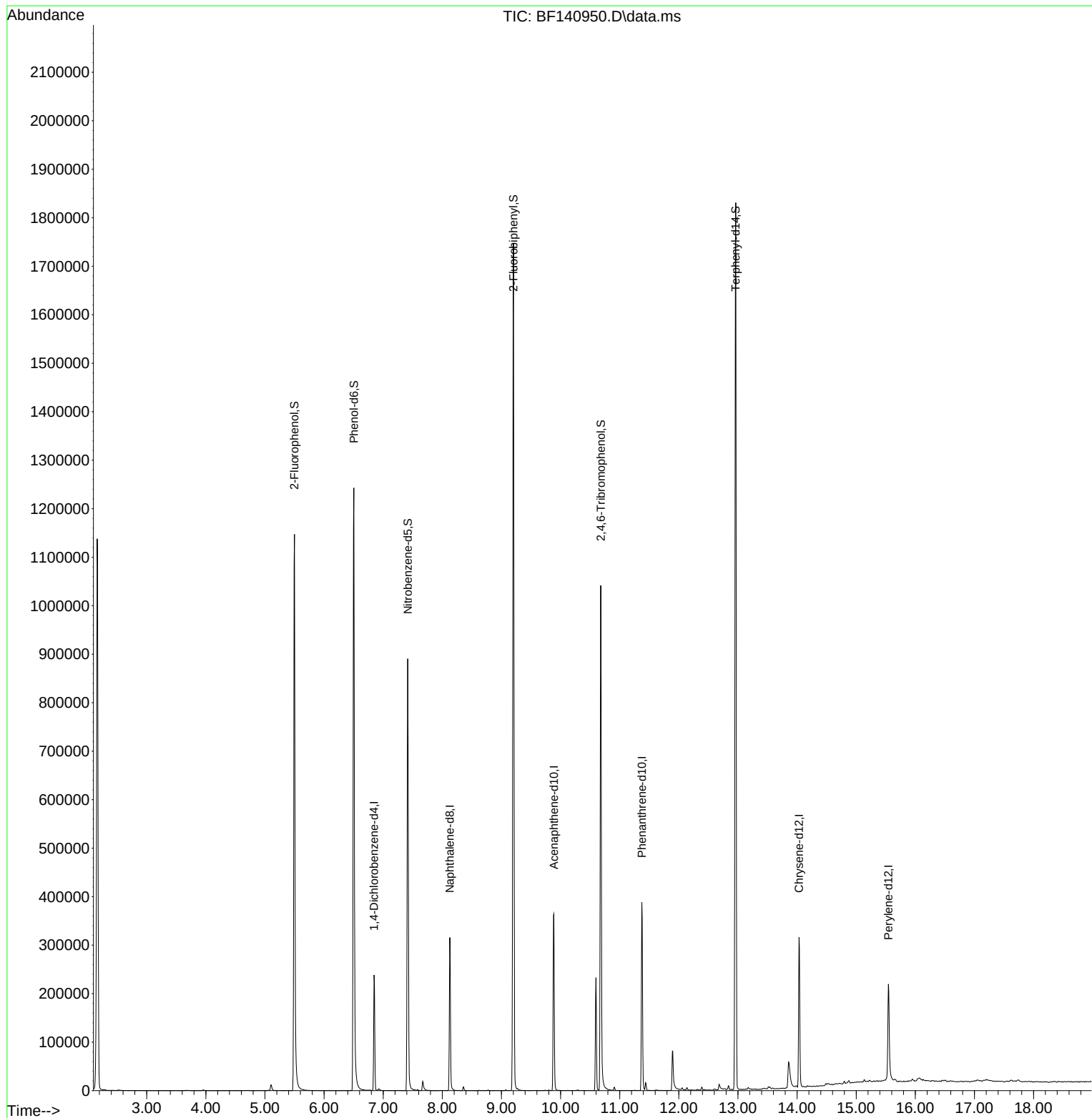
Target Compounds	Qvalue

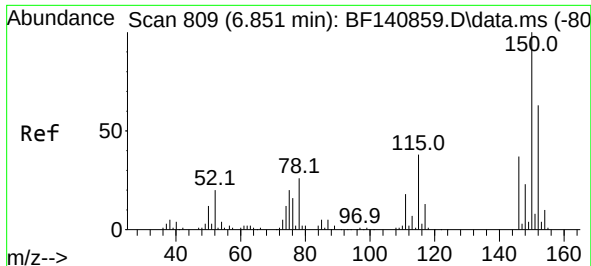
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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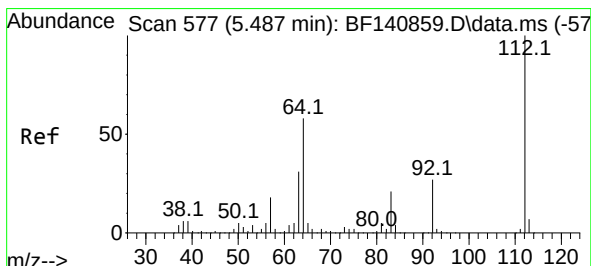
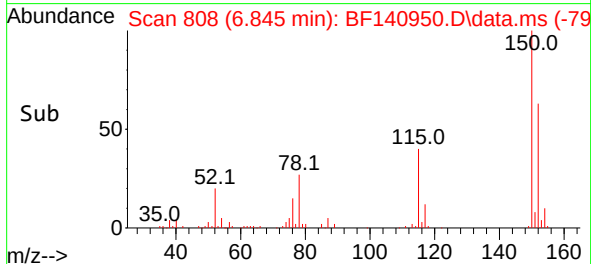
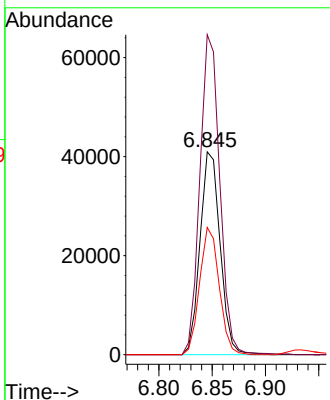
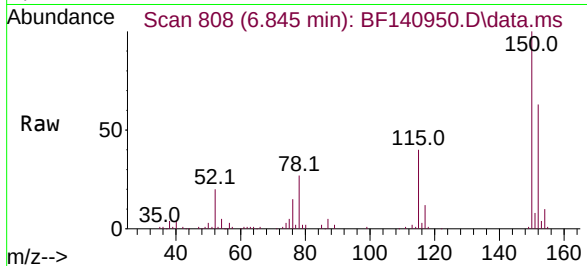




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

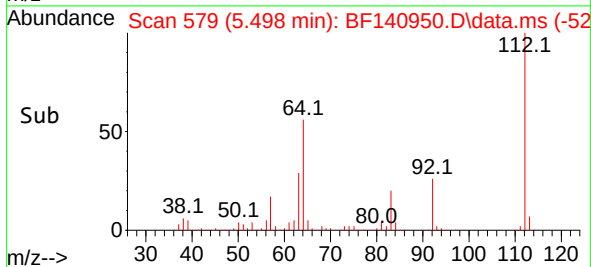
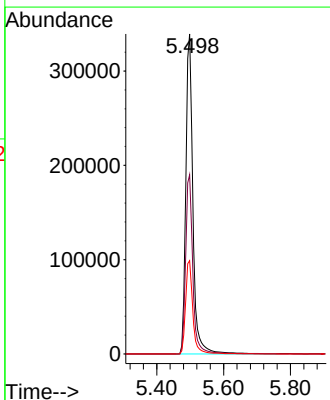
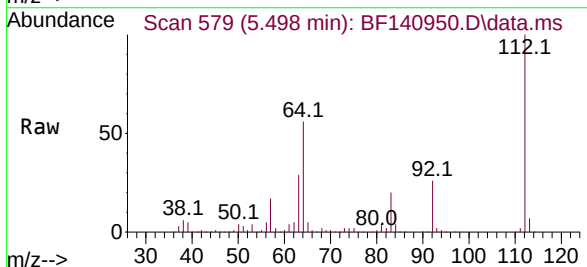
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

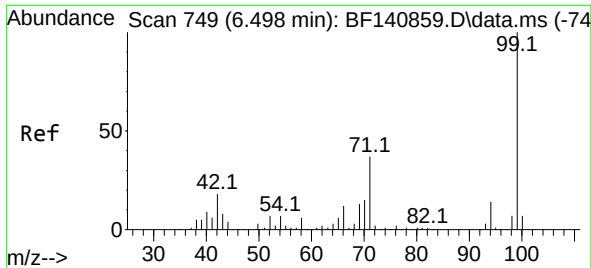
Tgt Ion:152 Resp: 53866
Ion Ratio Lower Upper
152 100
150 157.7 127.9 191.9
115 62.7 48.0 72.0



#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

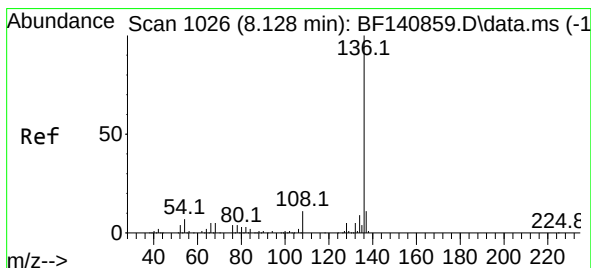
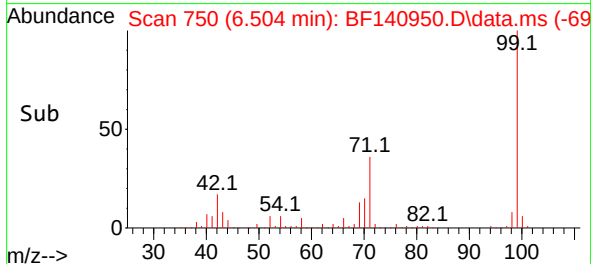
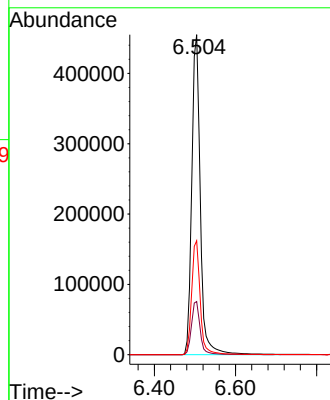
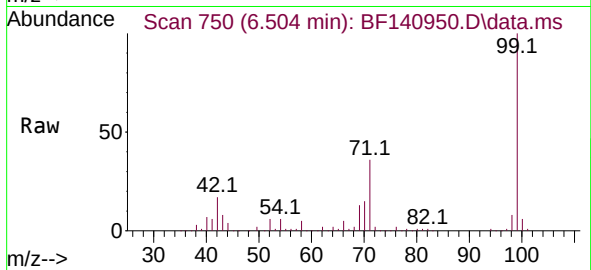




#7
Phenol-d6
Concen: 153.048 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

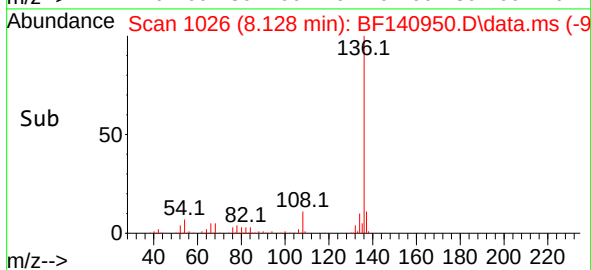
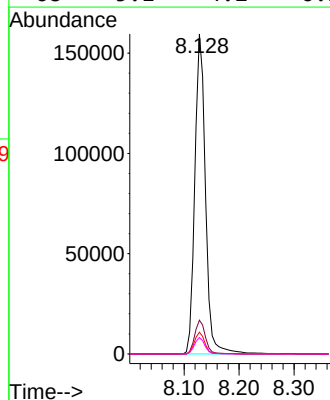
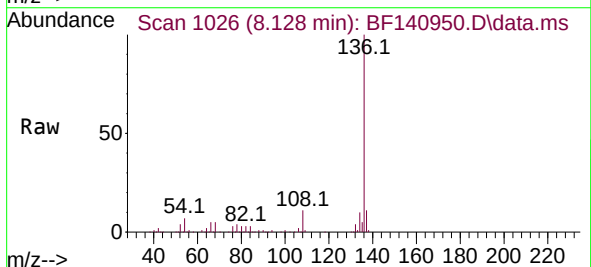
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

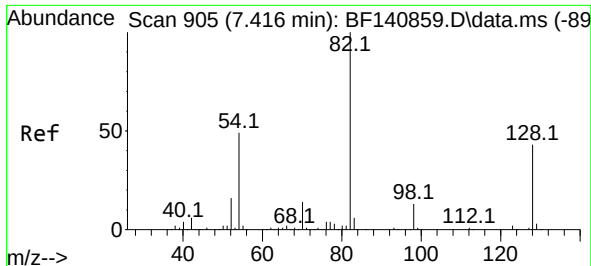
Tgt Ion: 99 Resp: 663315
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 35.6 29.9 44.9



#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

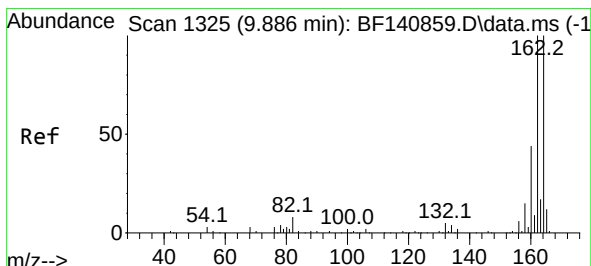
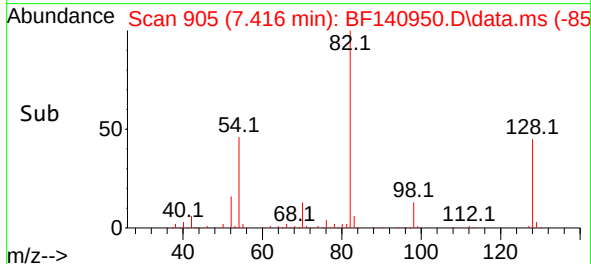
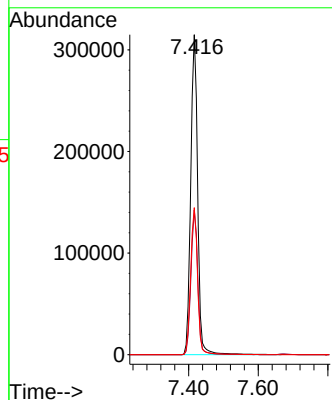
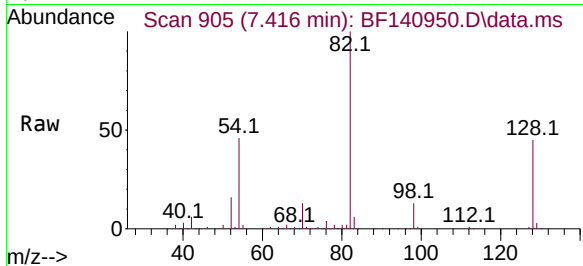




#23
Nitrobenzene-d5
Concen: 101.276 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

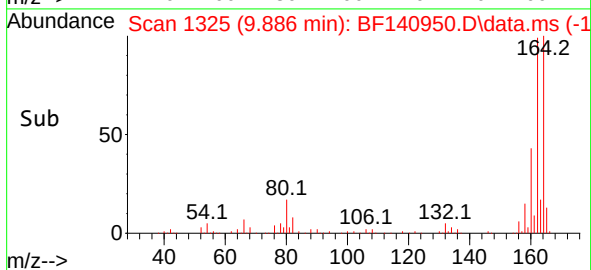
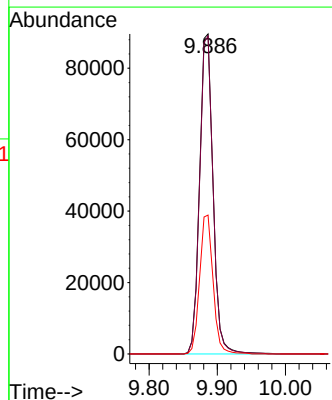
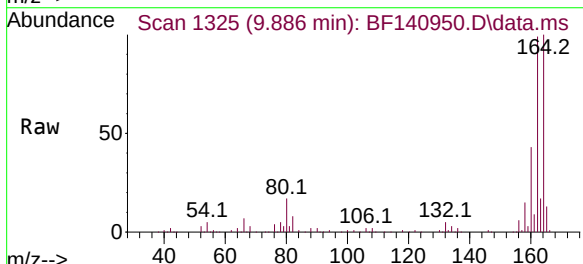
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-13-121224

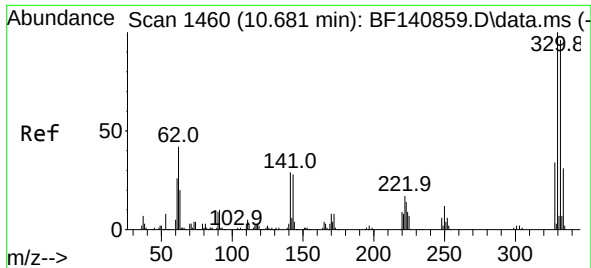
Tgt Ion: 82 Resp: 434470
Ion Ratio Lower Upper
82 100
128 45.2 34.4 51.6
54 45.9 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

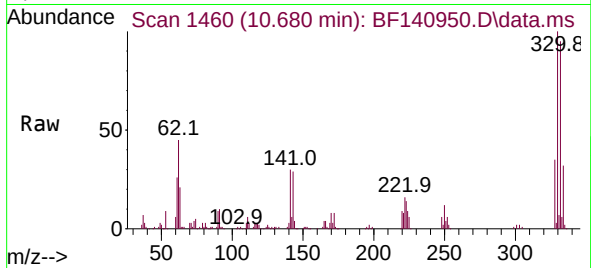
Tgt Ion:164 Resp: 122940
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 43.4 35.2 52.8



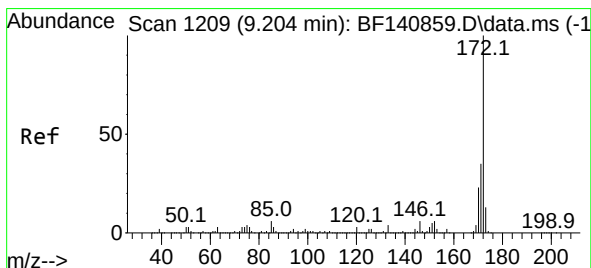
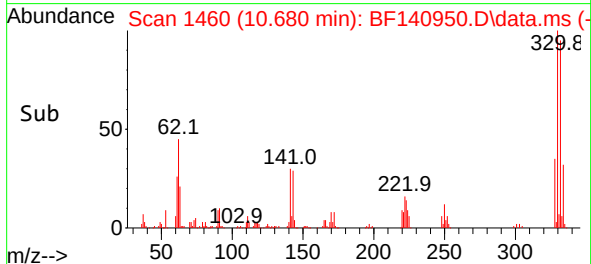
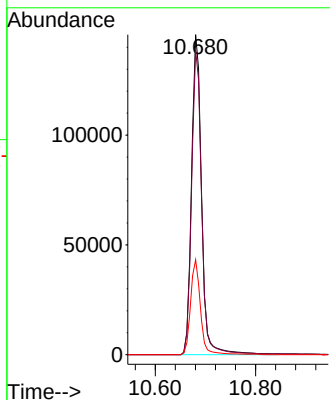


#42
 2,4,6-Tribromophenol
 Concen: 139.432 ng
 RT: 10.680 min Scan# 1460
 Delta R.T. -0.000 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

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

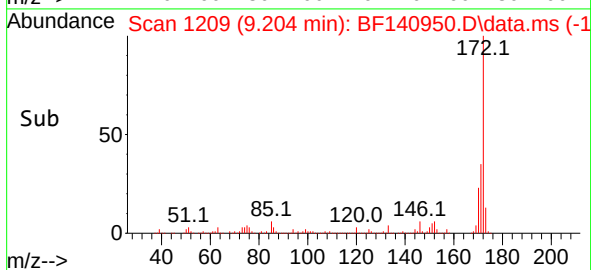
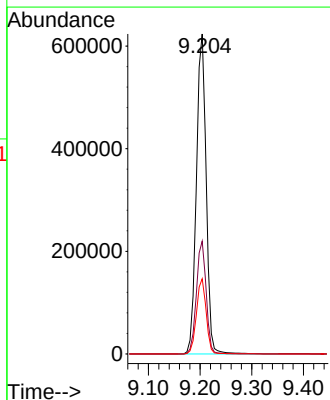
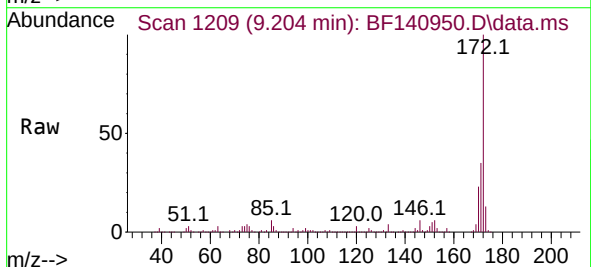


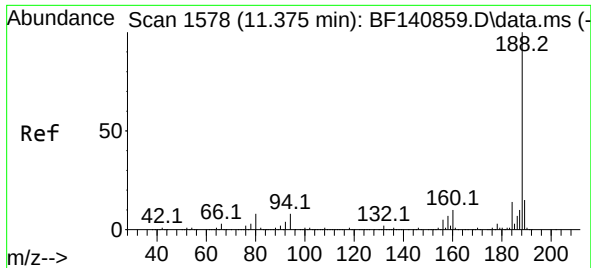
Tgt Ion:330 Resp: 202739
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 29.3 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 91.685 ng
 RT: 9.204 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

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

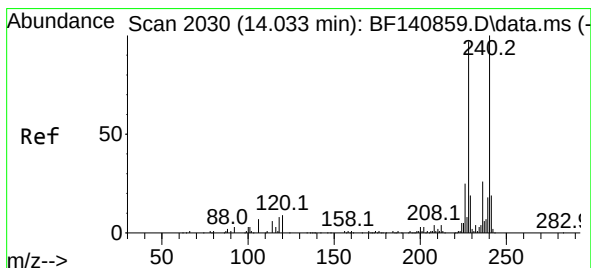
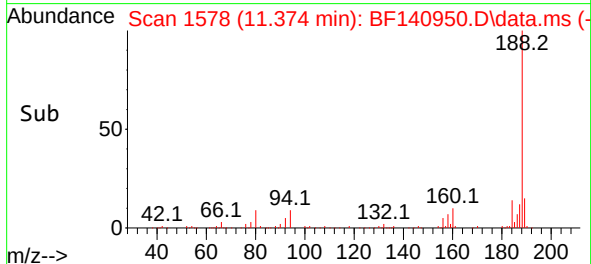
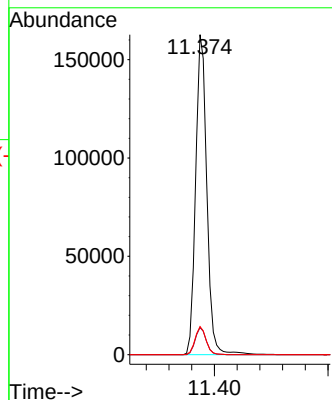
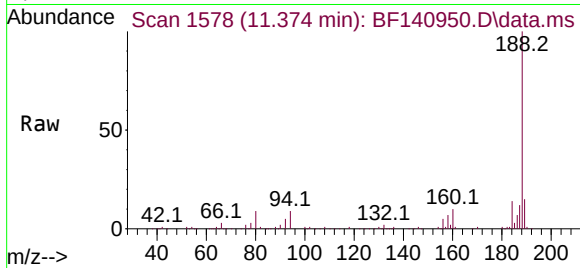




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140950.D
Acq: 20 Dec 2024 15:02

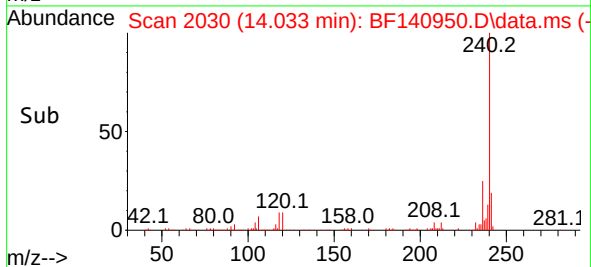
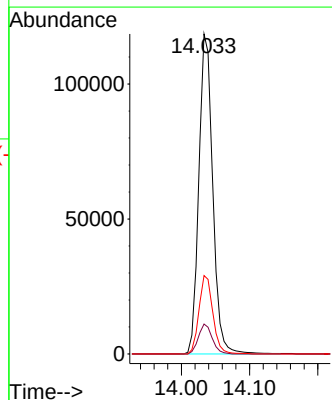
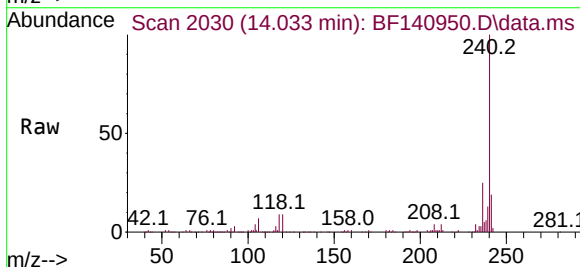
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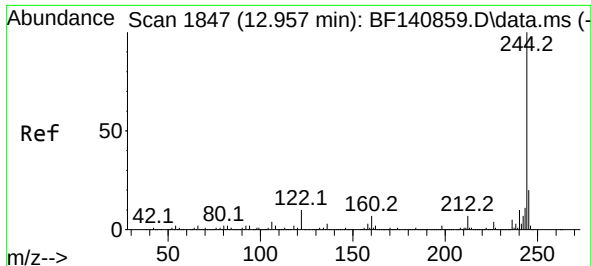
Tgt Ion:188 Resp: 223066
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 8.8 6.8 10.2



#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

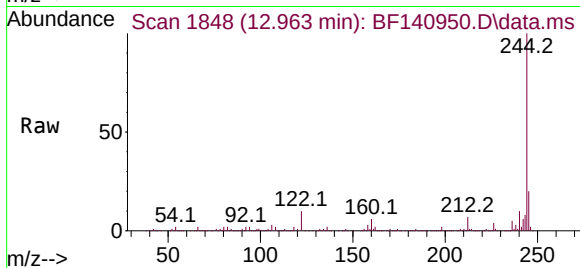
Tgt Ion:240 Resp: 167929
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 24.5 20.5 30.7



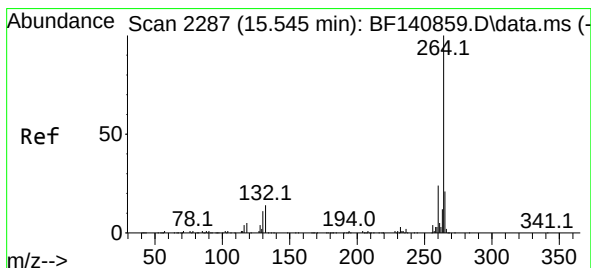
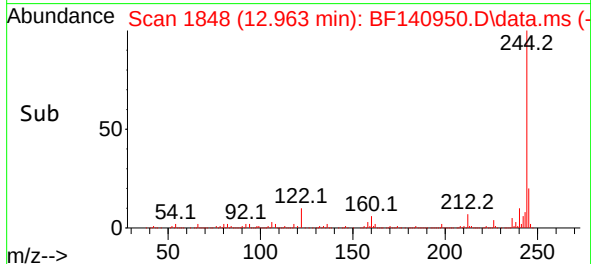
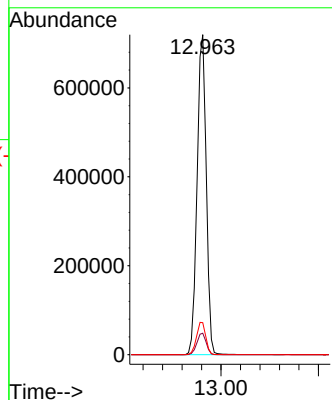


#79
 Terphenyl-d14
 Concen: 88.965 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

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



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# 2287
 Delta R.T. -0.000 min
 Lab File: BF140950.D
 Acq: 20 Dec 2024 15:02

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

