

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140954.D
 Acq On : 20 Dec 2024 16:48
 Operator : RC/JU
 Sample : P5306-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-09-121224

Quant Time: Dec 20 21:58:52 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	47850	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	188298	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	108152	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	209762	20.000	ng	0.00
76) Chrysene-d12	14.027	240	160469	20.000	ng	0.00
86) Perylene-d12	15.521	264	118975	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503371	173.175	ng	0.01
7) Phenol-d6	6.504	99	661799	171.897	ng	0.00
23) Nitrobenzene-d5	7.416	82	417963	111.053	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	213331	166.778	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	842540	107.105	ng	0.00
79) Terphenyl-d14	12.957	244	931004	91.486	ng	0.00

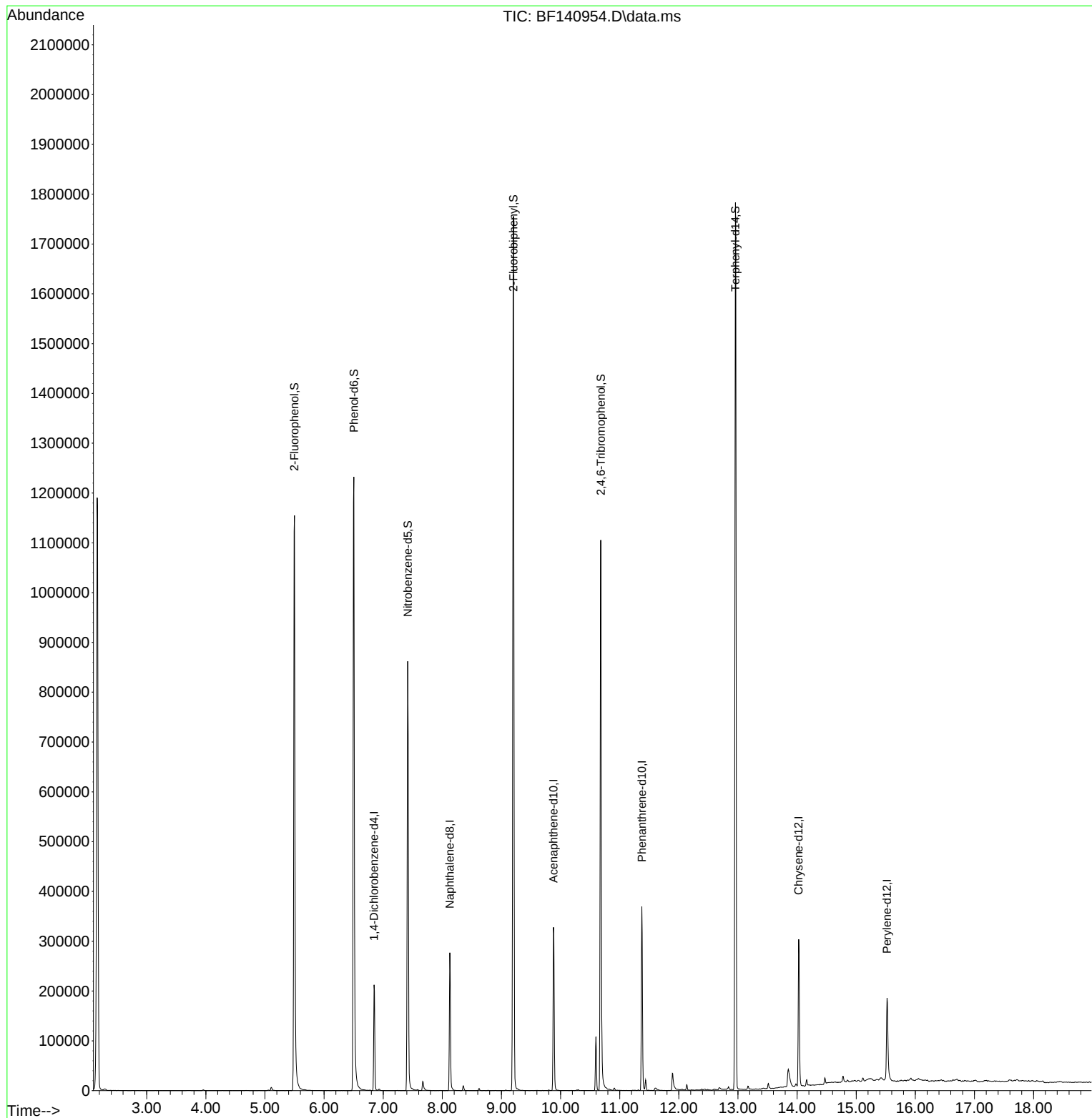
Target Compounds	Qvalue

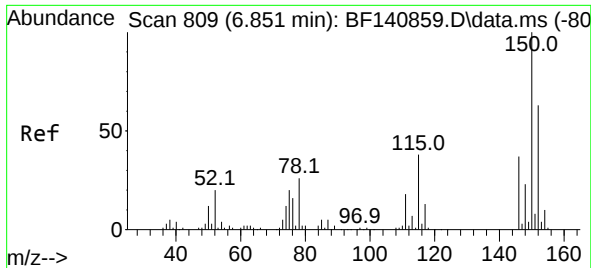
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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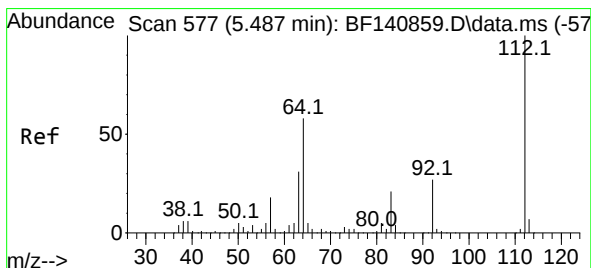
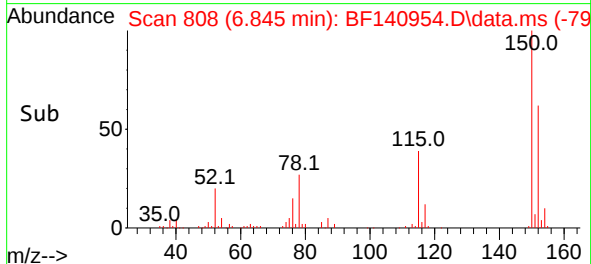
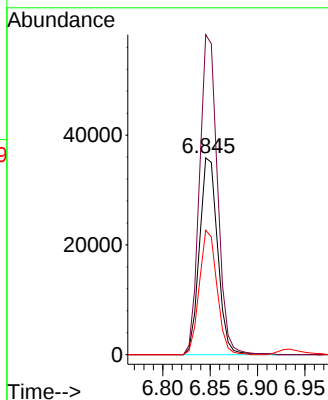
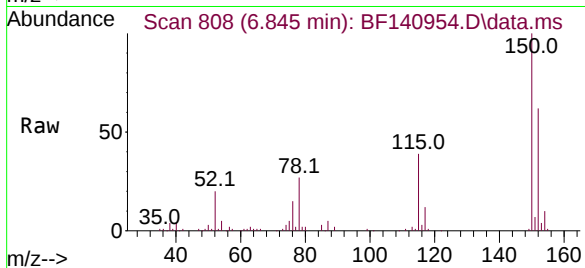




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

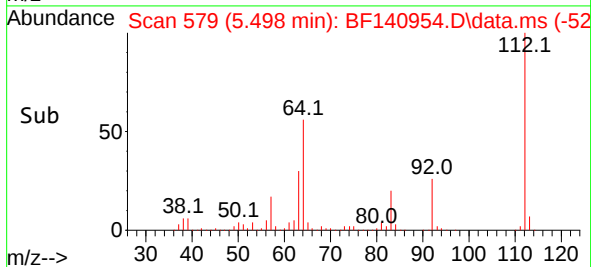
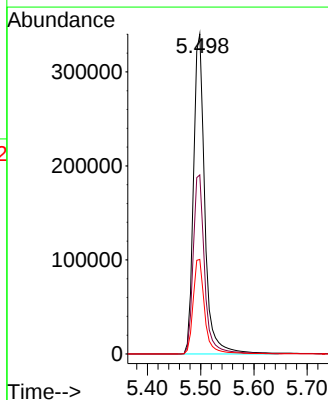
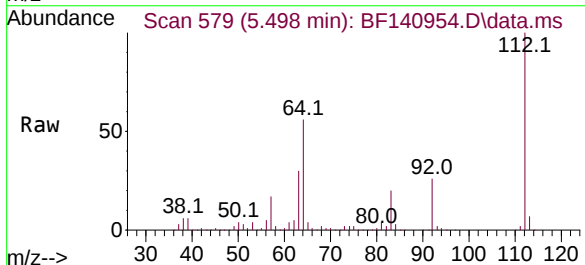
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

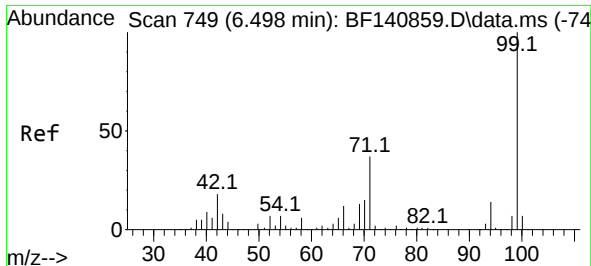
Tgt Ion:152 Resp: 47850
Ion Ratio Lower Upper
152 100
150 162.5 127.9 191.9
115 63.3 48.0 72.0



#5
2-Fluorophenol
Concen: 173.175 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

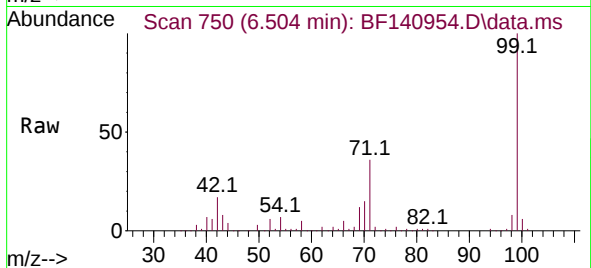
Tgt Ion:112 Resp: 503371
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 29.5 24.9 37.3





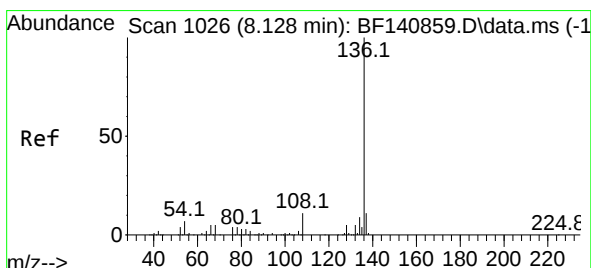
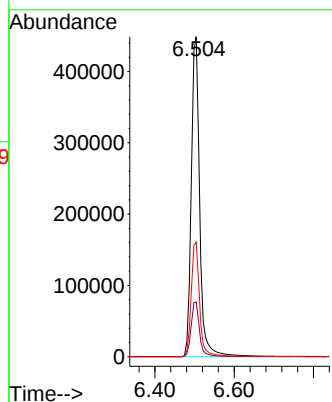
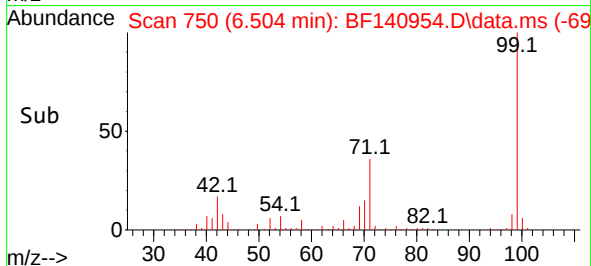
#7
Phenol-d6
Concen: 171.897 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

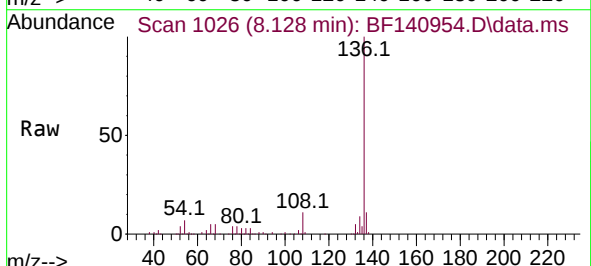


Tgt Ion: 99 Resp: 661799

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.3	21.5
71	35.8	29.9	44.9

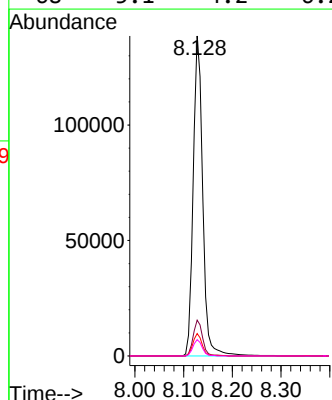
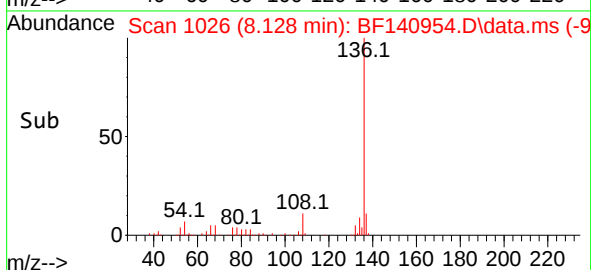


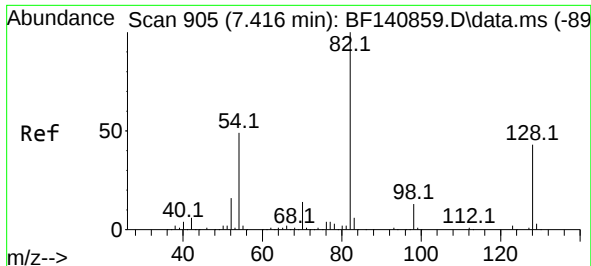
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48



Tgt Ion: 136 Resp: 188298

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	5.1	4.2	6.2

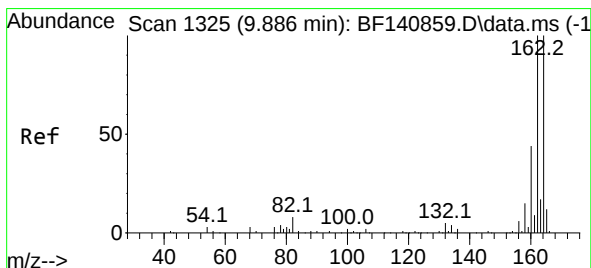
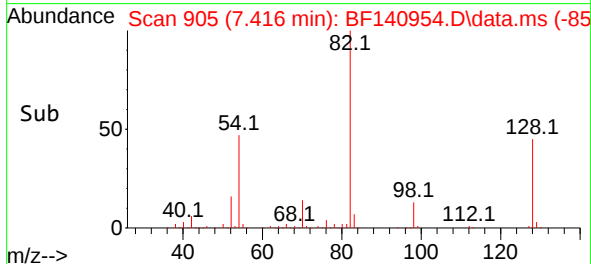
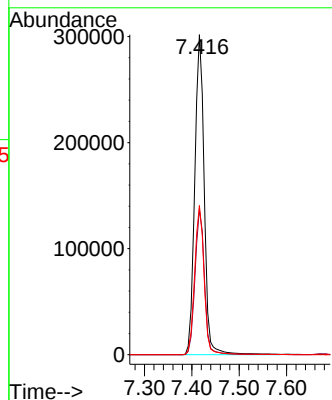
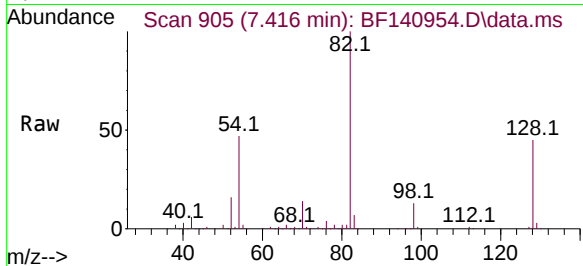




#23
Nitrobenzene-d5
Concen: 111.053 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

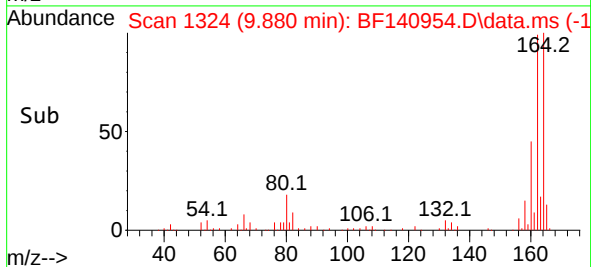
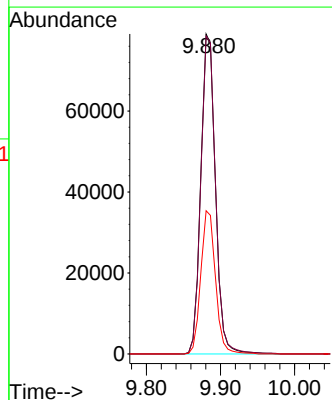
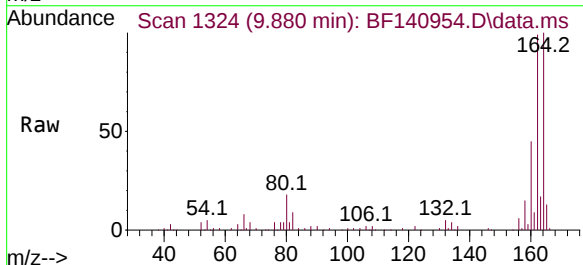
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

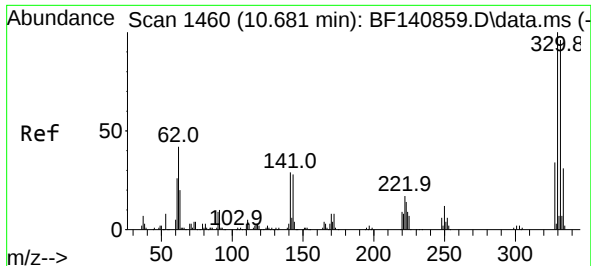
Tgt Ion: 82 Resp: 417963
Ion Ratio Lower Upper
82 100
128 45.5 34.4 51.6
54 46.6 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Tgt Ion:164 Resp: 108152
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 166.778 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140954.D

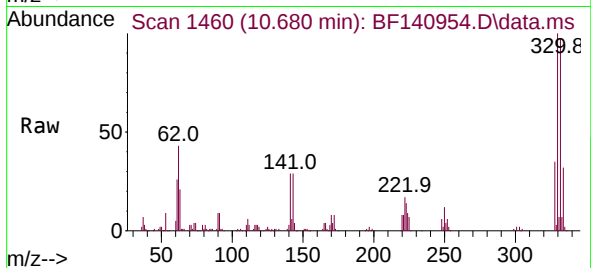
Acq: 20 Dec 2024 16:48

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-09-121224



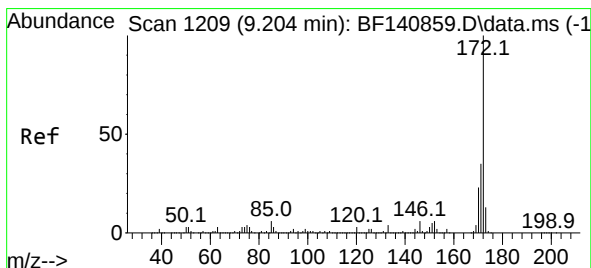
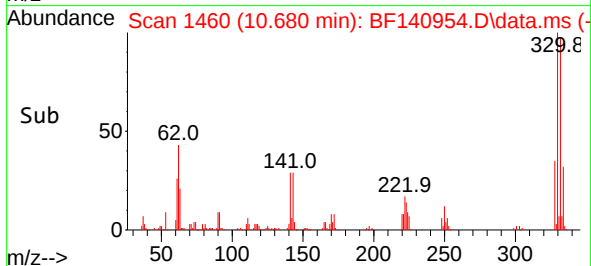
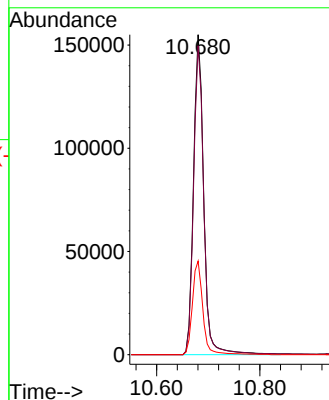
Tgt Ion:330 Resp: 213331

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 29.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 107.105 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140954.D

Acq: 20 Dec 2024 16:48

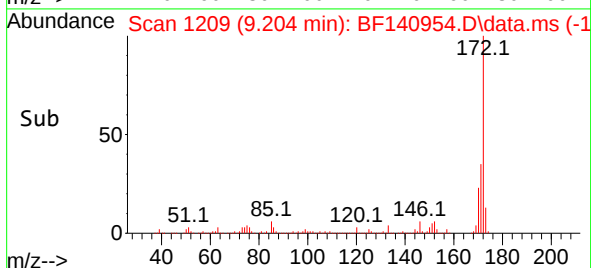
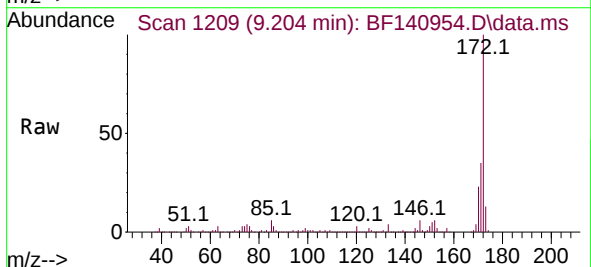
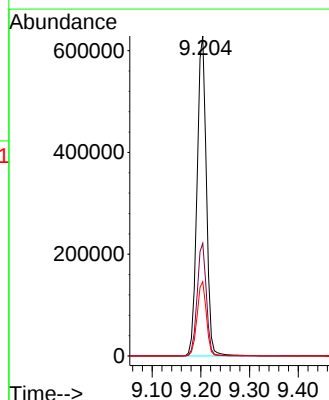
Tgt Ion:172 Resp: 842540

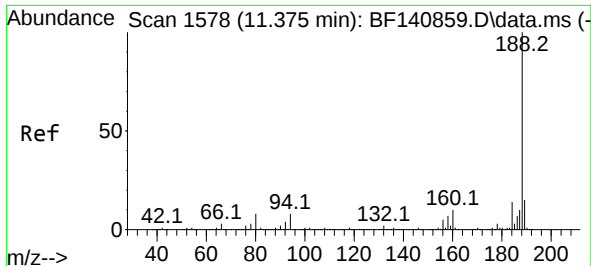
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 18.6 28.0

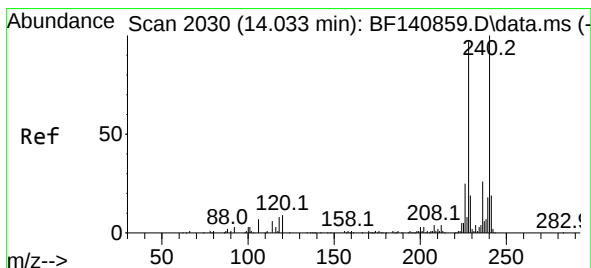
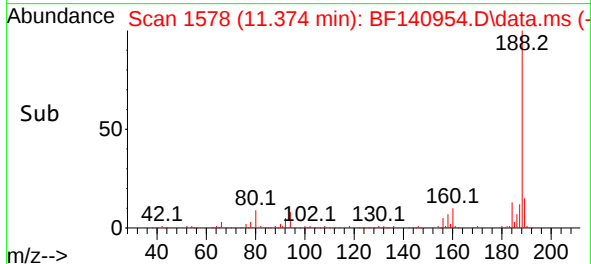
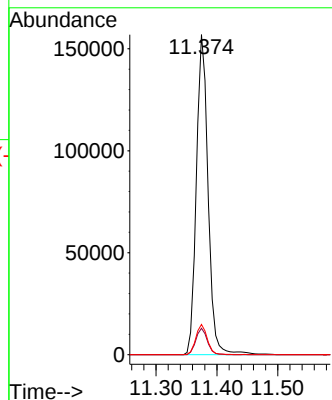
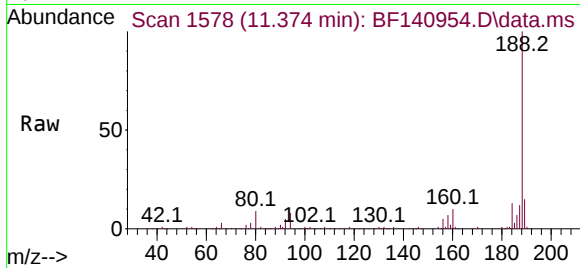




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

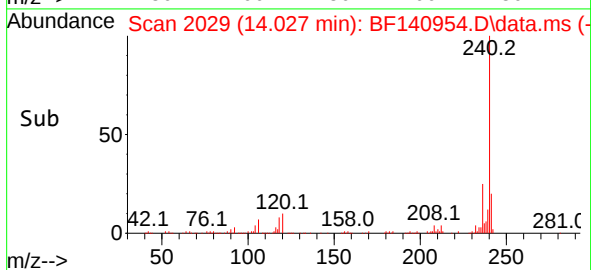
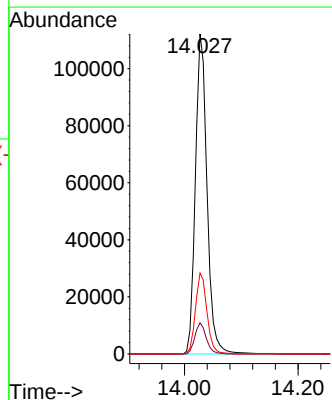
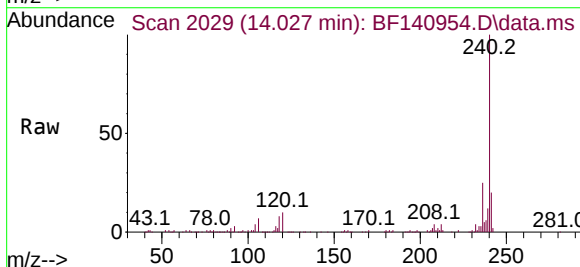
Instrument :
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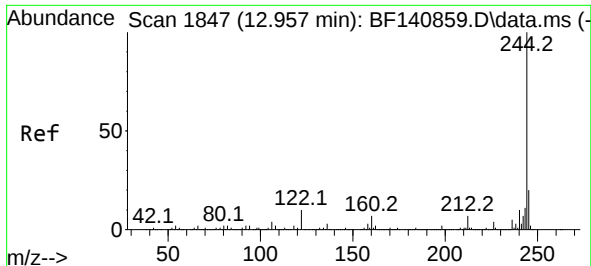
Tgt Ion:188 Resp: 209762
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

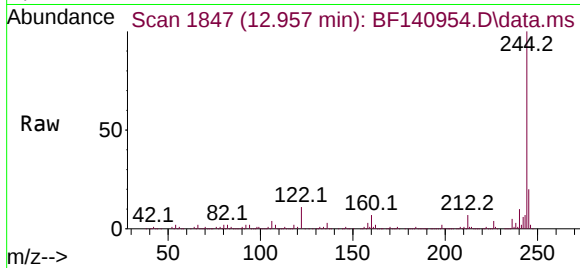
Tgt Ion:240 Resp: 160469
Ion Ratio Lower Upper
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120 9.8 7.6 11.4
236 25.3 20.5 30.7



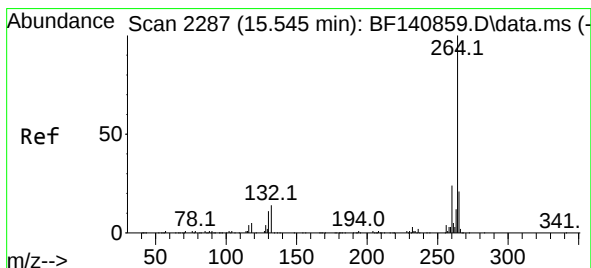
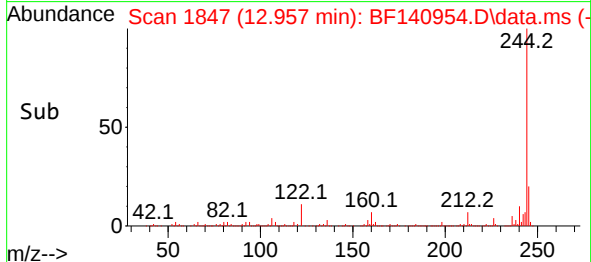
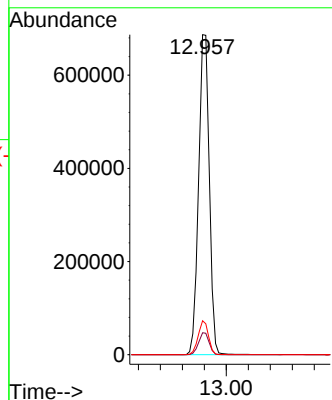


#79
 Terphenyl-d14
 Concen: 91.486 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140954.D
 Acq: 20 Dec 2024 16:48

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-09-121224



Tgt Ion:244 Resp: 931004
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.024 min
 Lab File: BF140954.D
 Acq: 20 Dec 2024 16:48

Tgt Ion:264 Resp: 118975
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.3 17.0 25.4

