

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140951.D
 Acq On : 20 Dec 2024 15:29
 Operator : RC/JU
 Sample : P5306-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-14-121224

Quant Time: Dec 20 16:04:33 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	50529	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	204987	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120471	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	234289	20.000	ng	0.00
76) Chrysene-d12	14.039	240	182284	20.000	ng	0.00
86) Perylene-d12	15.557	264	129207	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	521413	169.871	ng	0.01
7) Phenol-d6	6.504	99	701467	172.540	ng	0.00
23) Nitrobenzene-d5	7.416	82	446453	108.966	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	241695	169.631	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	953080	108.768	ng	0.00
79) Terphenyl-d14	12.963	244	1251478	108.261	ng	0.00

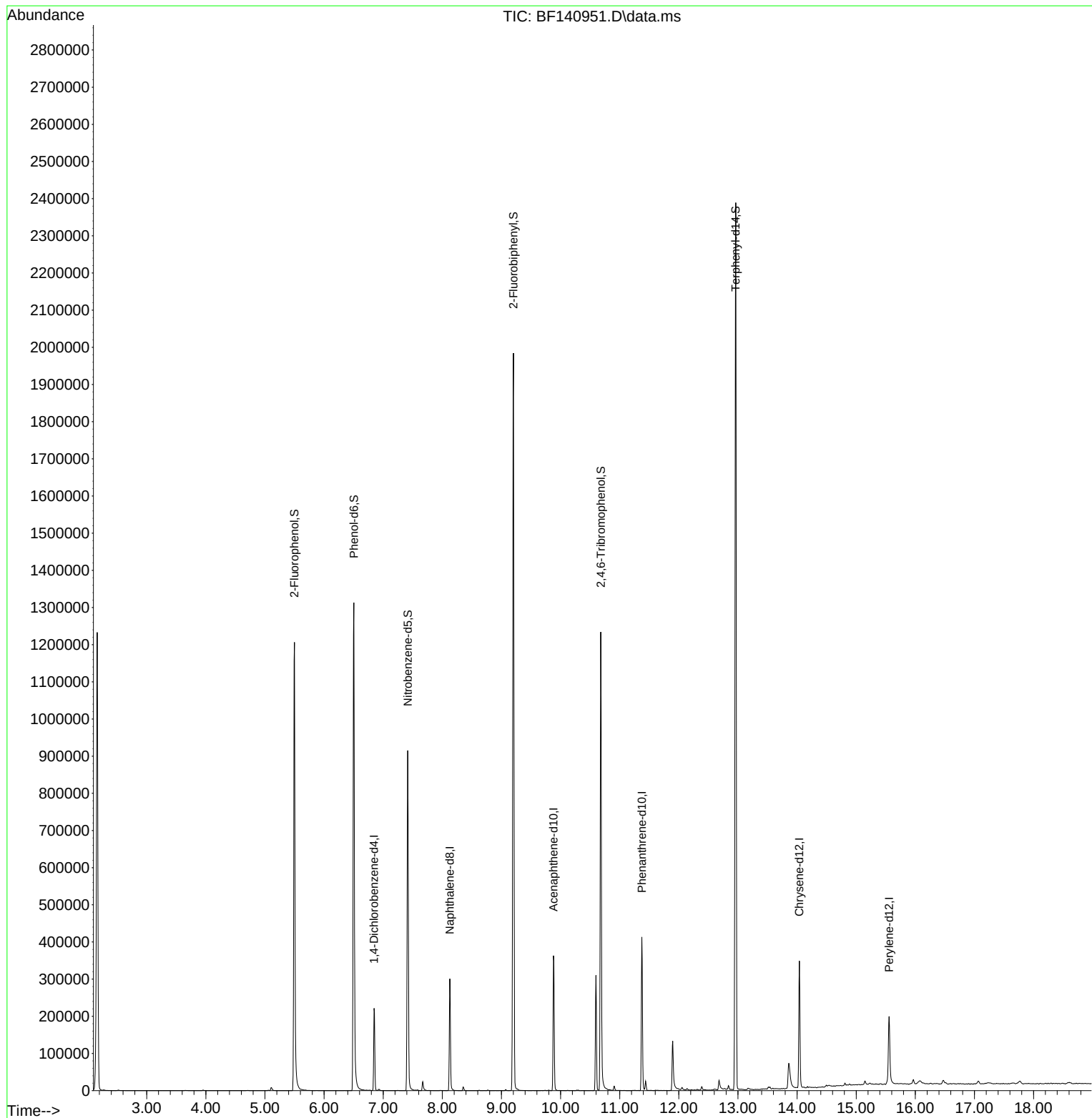
Target Compounds	Qvalue

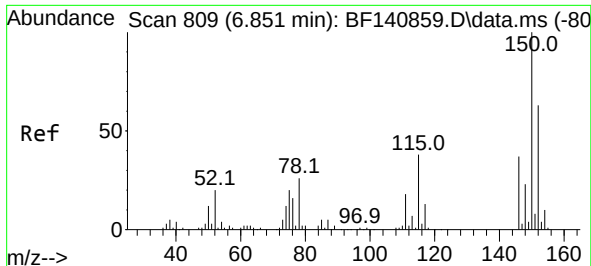
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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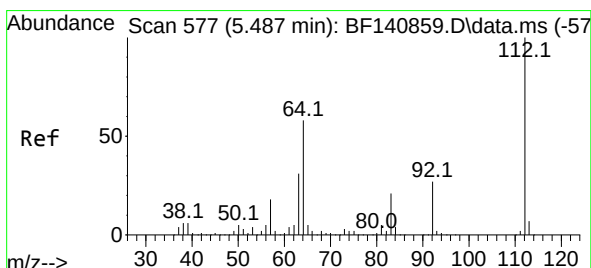
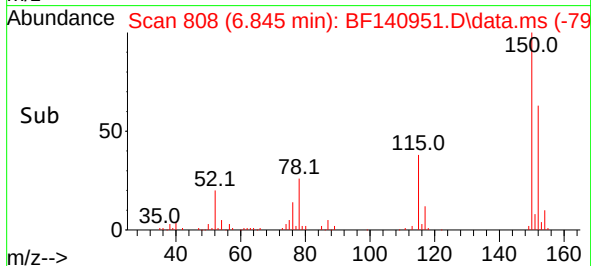
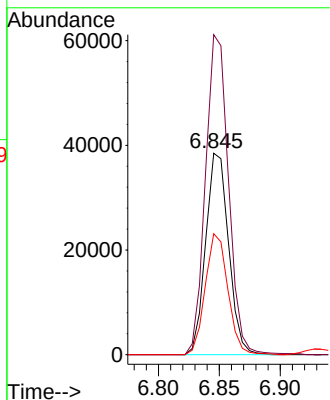
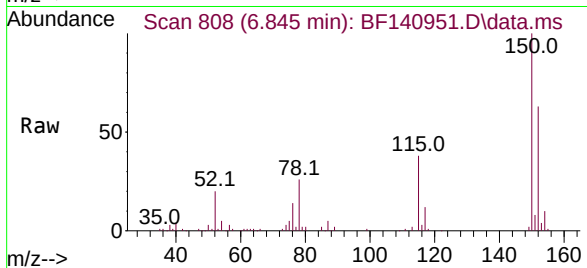




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140951.D
Acq: 20 Dec 2024 15:29

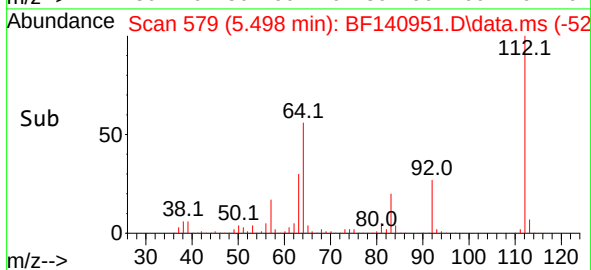
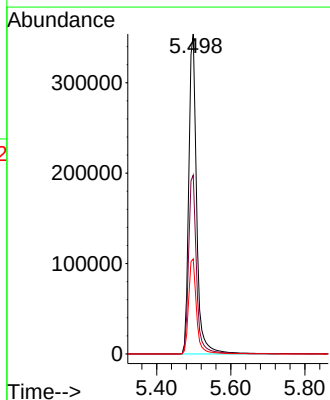
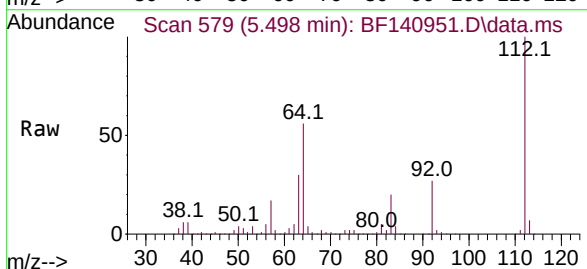
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-14-121224

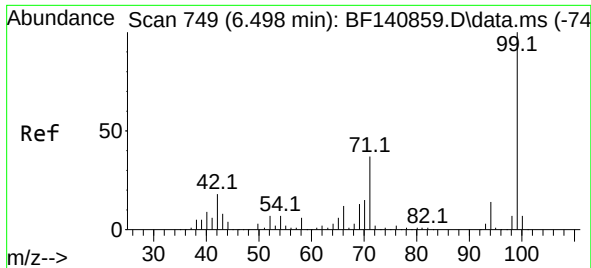
Tgt Ion:152 Resp: 50529
Ion Ratio Lower Upper
152 100
150 158.9 127.9 191.9
115 60.1 48.0 72.0



#5
2-Fluorophenol
Concen: 169.871 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140951.D
Acq: 20 Dec 2024 15:29

Tgt Ion:112 Resp: 521413
Ion Ratio Lower Upper
112 100
64 55.9 46.1 69.1
63 29.7 24.9 37.3

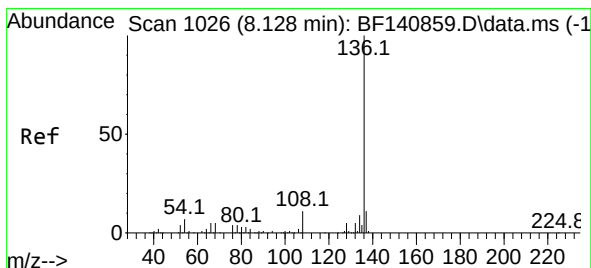
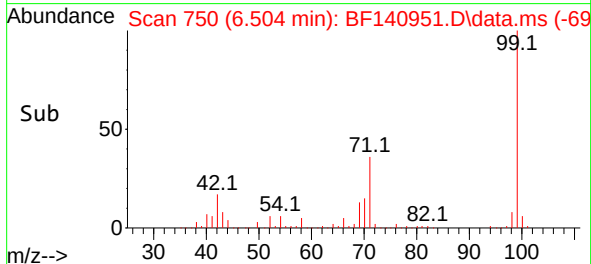
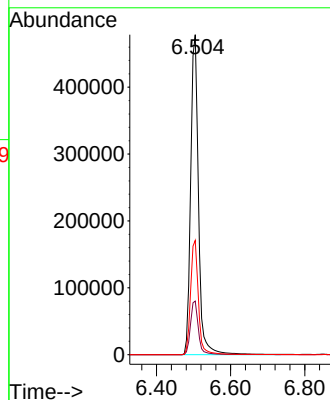
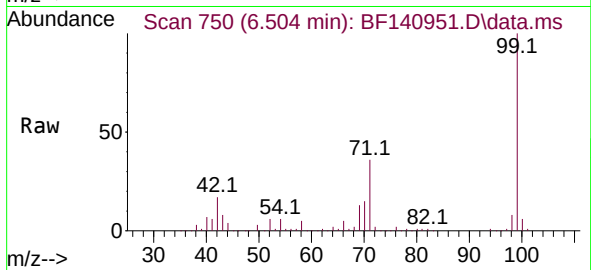




#7
Phenol-d6
Concen: 172.540 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140951.D
Acq: 20 Dec 2024 15:29

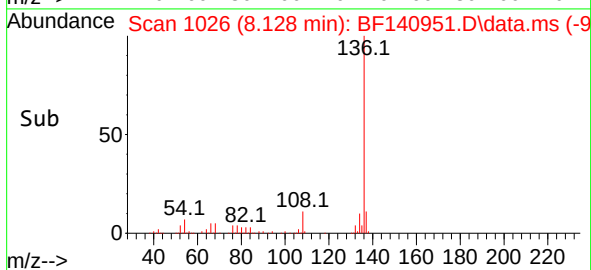
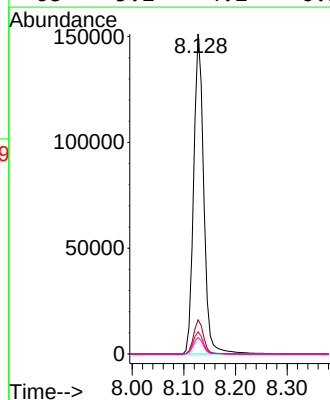
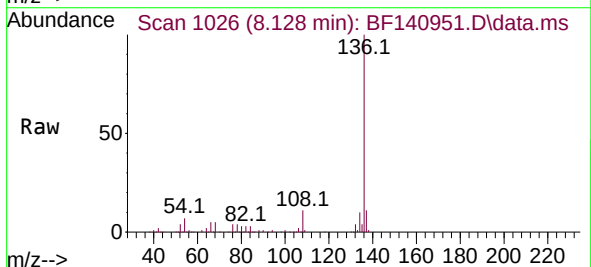
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-14-121224

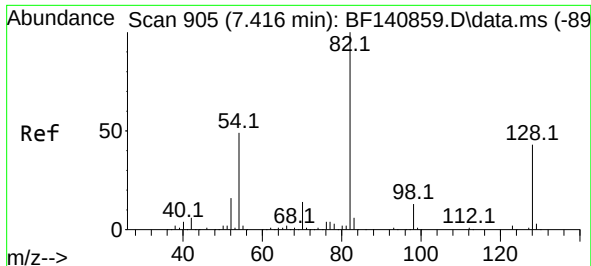
Tgt Ion: 99 Resp: 701467
Ion Ratio Lower Upper
99 100
42 16.7 14.3 21.5
71 35.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140951.D
Acq: 20 Dec 2024 15:29

Tgt Ion: 136 Resp: 204987
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.0 5.6 8.4
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 108.966 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140951.D

Acq: 20 Dec 2024 15:29

Instrument :

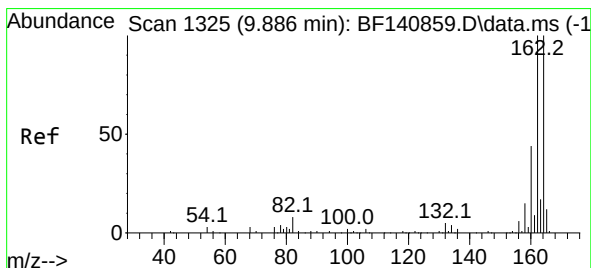
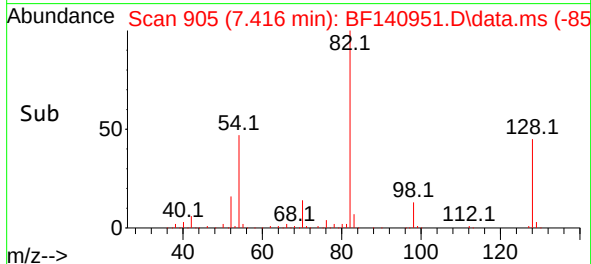
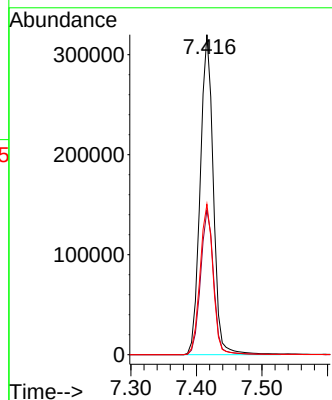
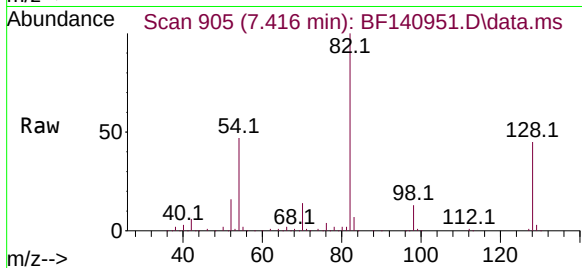
BNA_F

ClientSampleId :

OU4-VSL-14-121224

Tgt Ion: 82 Resp: 446453

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	47.0	38.8	58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

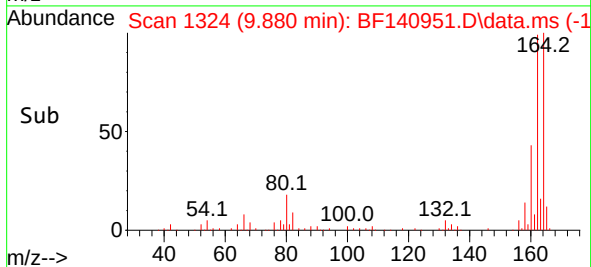
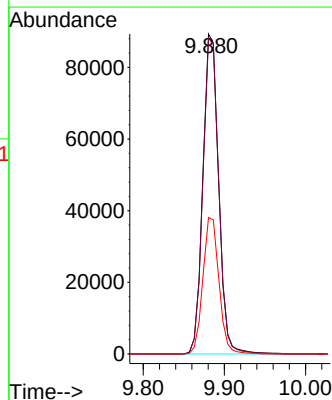
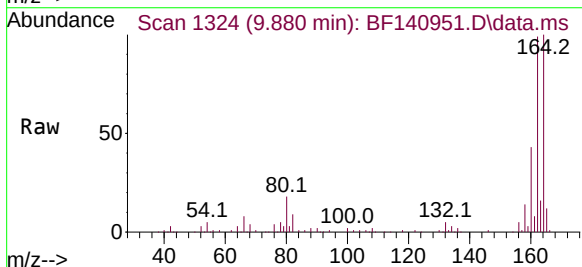
Delta R.T. -0.006 min

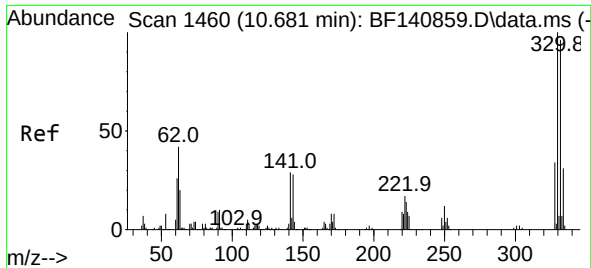
Lab File: BF140951.D

Acq: 20 Dec 2024 15:29

Tgt Ion:164 Resp: 120471

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	42.7	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 169.631 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140951.D

Acq: 20 Dec 2024 15:29

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-14-121224

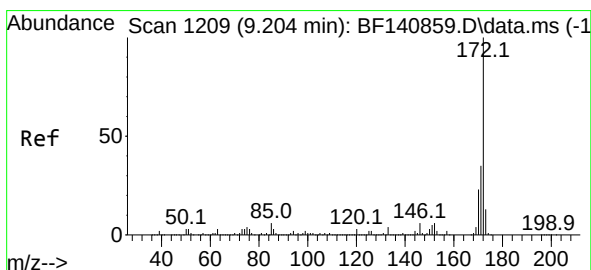
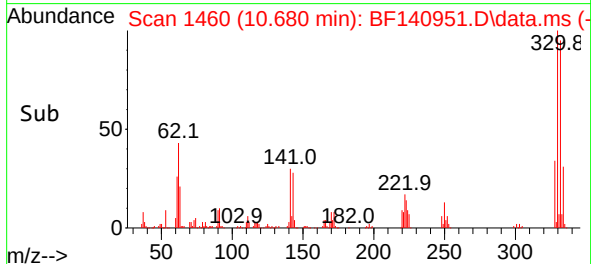
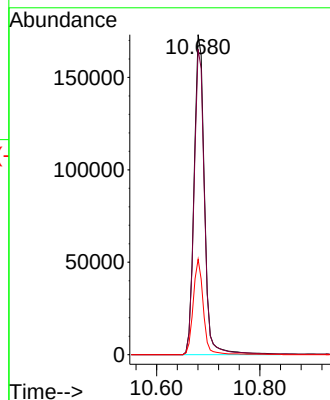
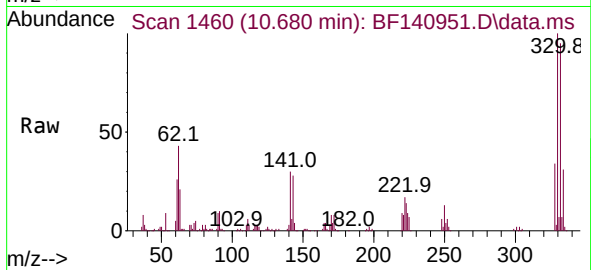
Tgt Ion:330 Resp: 241695

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 29.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 108.768 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140951.D

Acq: 20 Dec 2024 15:29

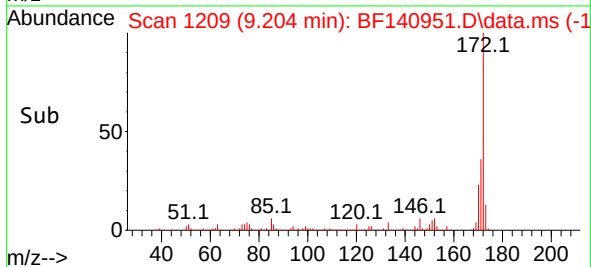
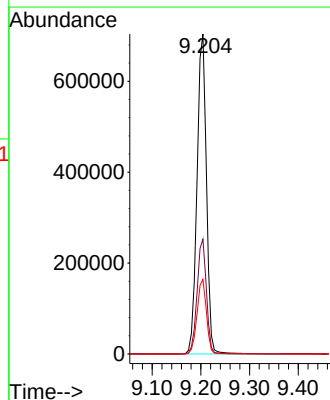
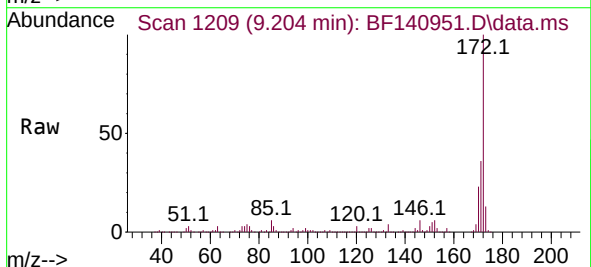
Tgt Ion:172 Resp: 953080

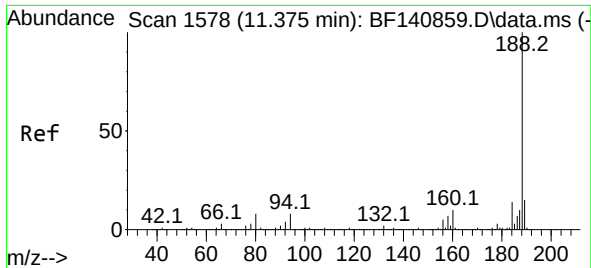
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.3 18.6 28.0

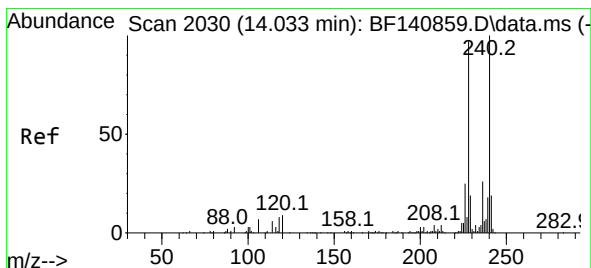
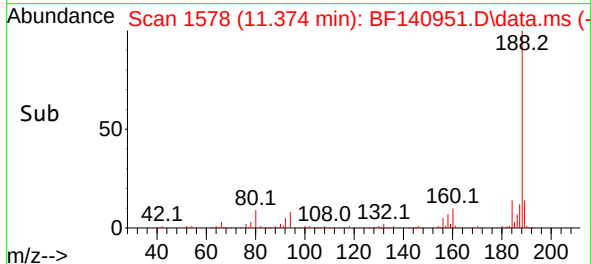
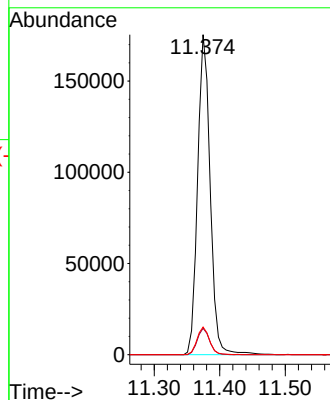
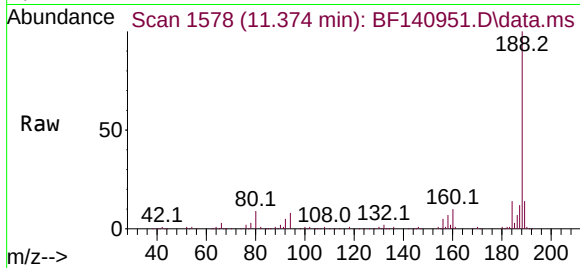




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140951.D
Acq: 20 Dec 2024 15:29

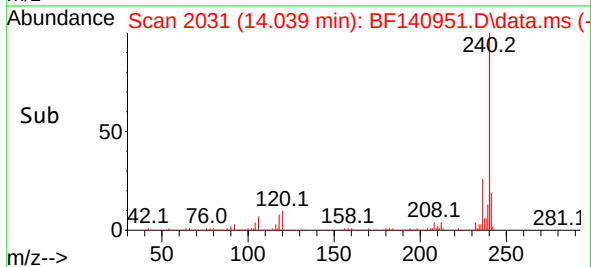
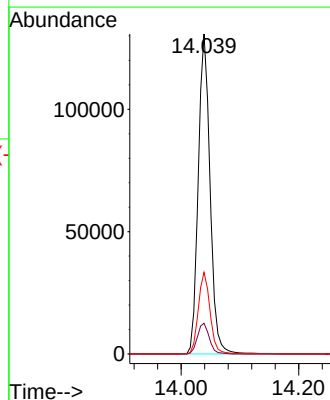
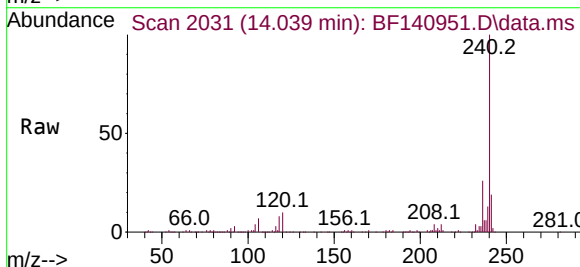
Instrument :
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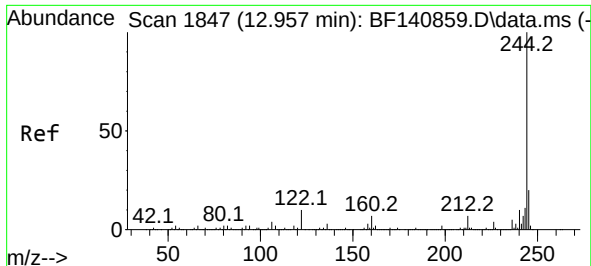
Tgt Ion:188 Resp: 234289
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140951.D
Acq: 20 Dec 2024 15:29

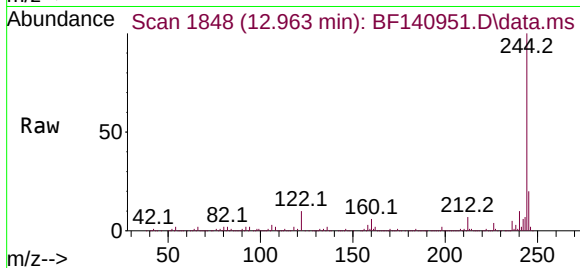
Tgt Ion:240 Resp: 182284
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.5 20.5 30.7





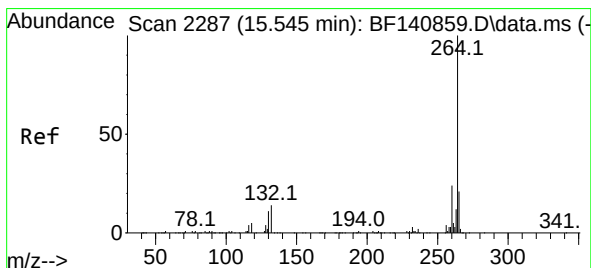
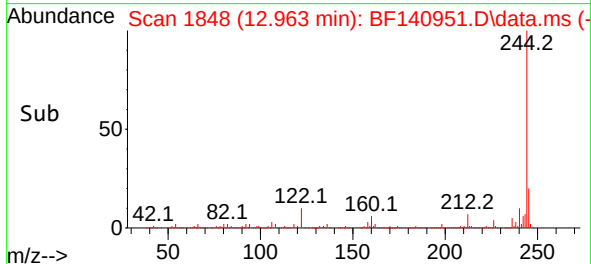
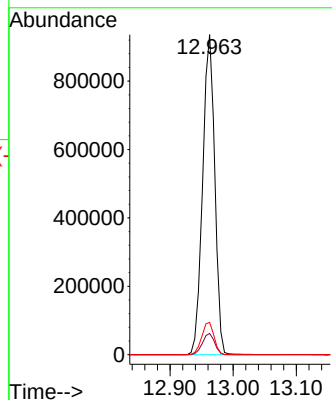
#79
 Terphenyl-d14
 Concen: 108.261 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140951.D
 Acq: 20 Dec 2024 15:29

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-14-121224



Tgt Ion:244 Resp: 1251478

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.1	8.2	12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.012 min
 Lab File: BF140951.D
 Acq: 20 Dec 2024 15:29

Tgt Ion:264 Resp: 129207

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.7	17.0	25.4

