

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139554.D
Acq On : 26 Sep 2024 18:59
Operator : RC/JU
Sample : P4176-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

Quant Time: Sep 27 01:07:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71167	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	267168	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	146975	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	268928	20.000	ng	0.00
76) Chrysene-d12	14.033	240	137114	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	138036	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	199468	45.724	ng	0.00
7) Phenol-d6	6.504	99	209145	36.525	ng	0.00
23) Nitrobenzene-d5	7.439	82	498939	87.794	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132196	84.485	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	777901	74.232	ng	0.00
79) Terphenyl-d14	12.986	244	921231	110.280	ng	0.00

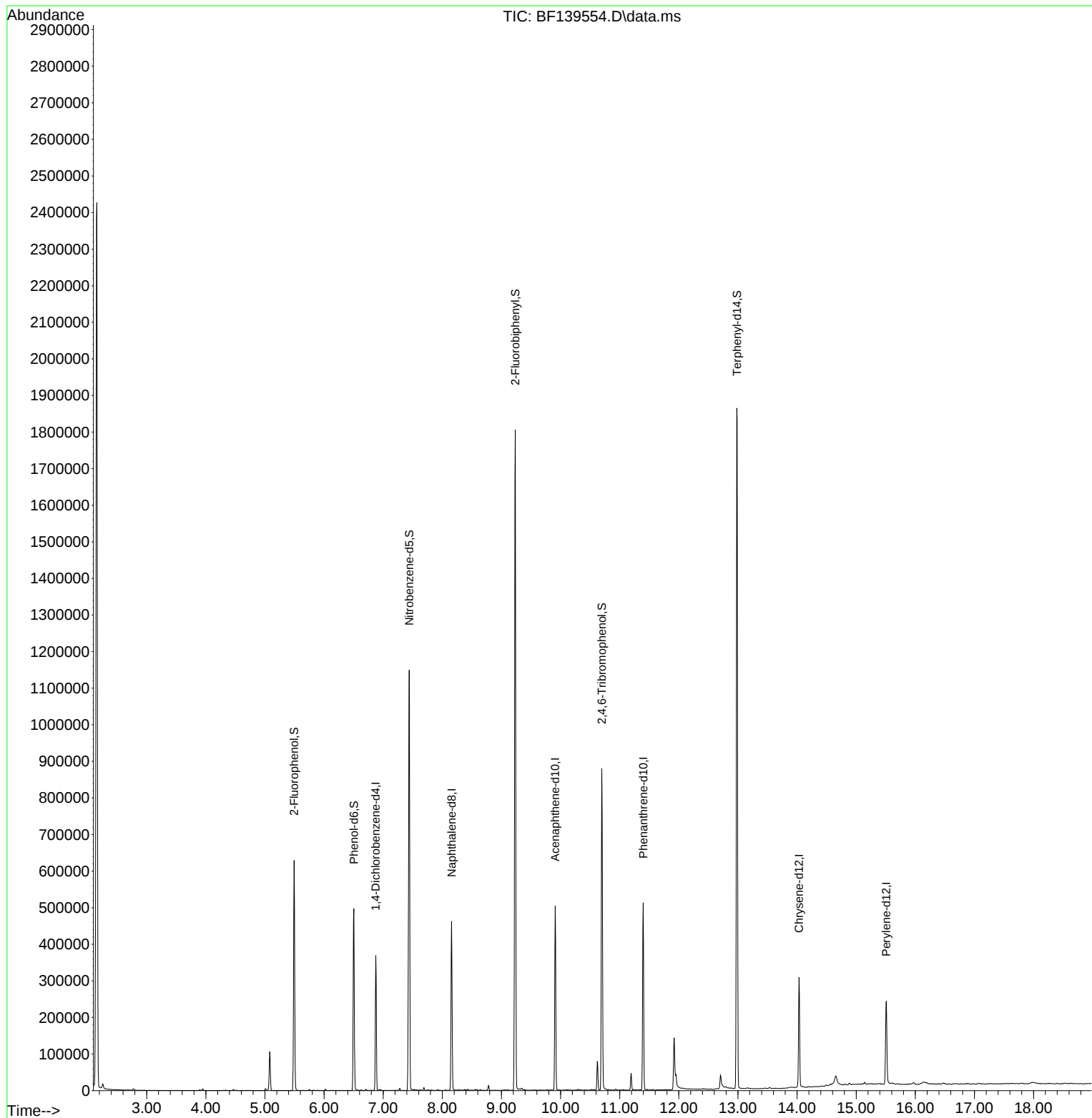
Target Compounds	Qvalue

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

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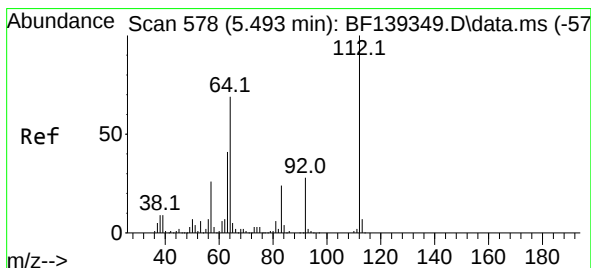
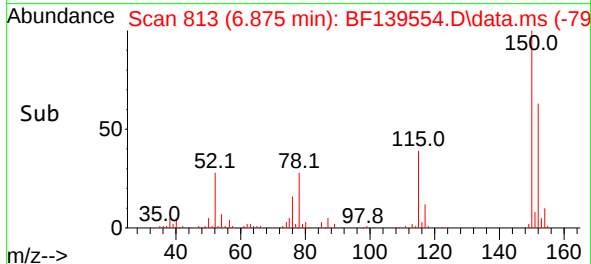
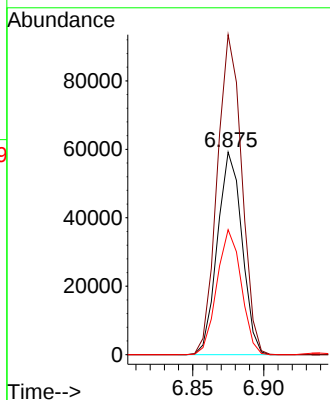
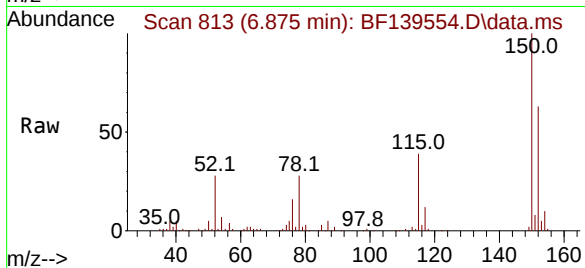




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

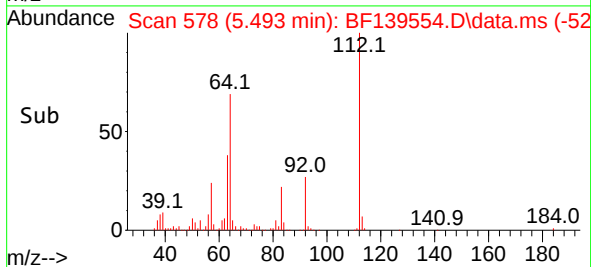
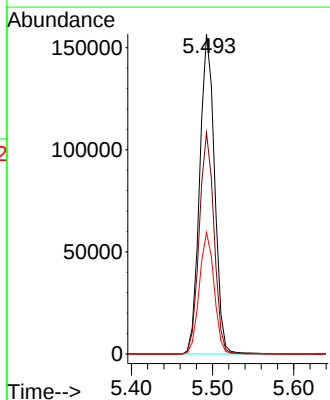
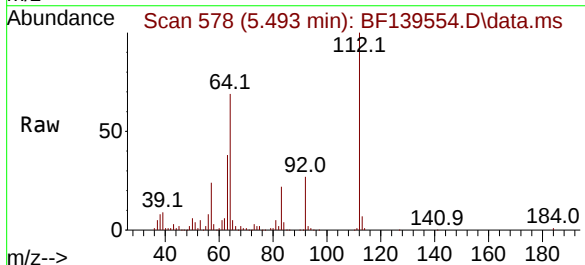
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

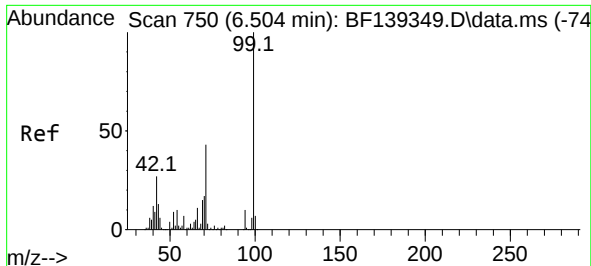
Tgt Ion:152 Resp: 71167
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 45.724 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:112 Resp: 199468
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 38.0 33.0 49.4





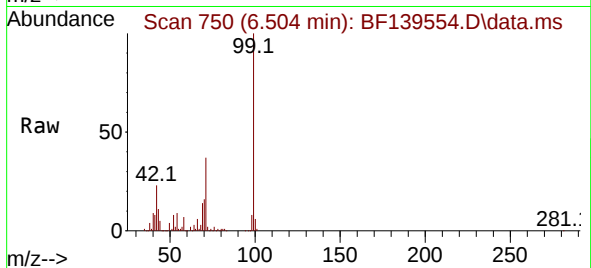
#7
Phenol-d6
Concen: 36.525 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Instrument :

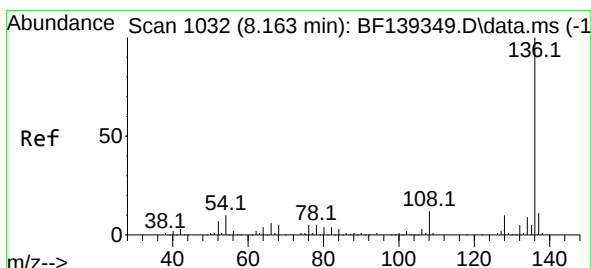
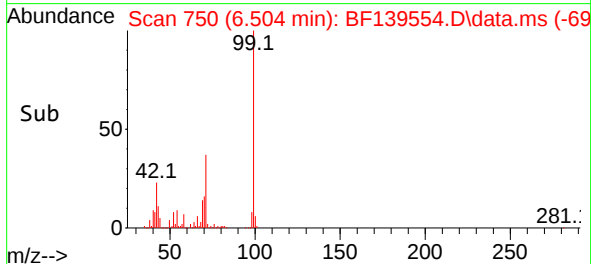
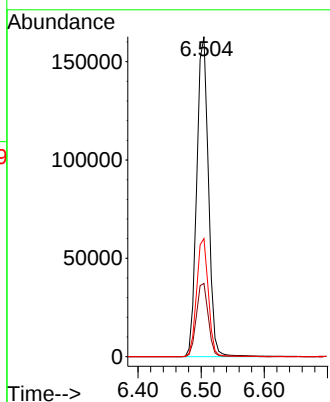
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ClientSampleId :

FB-1C-SYS2

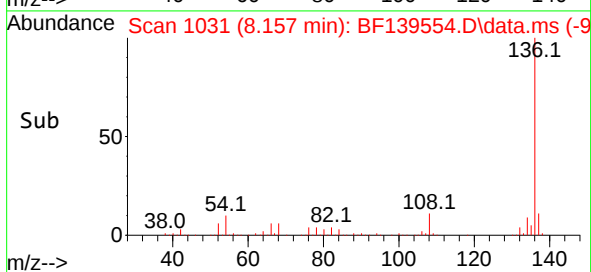
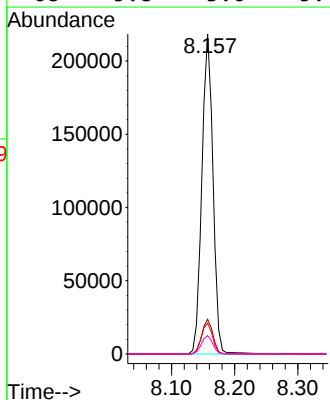
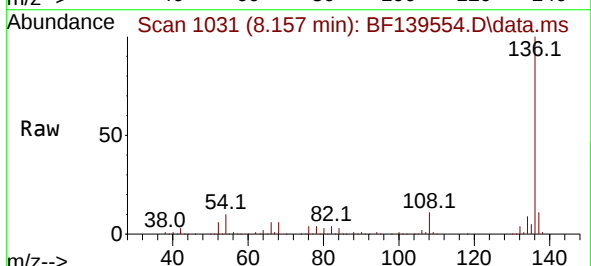


Tgt Ion: 99 Resp: 209145
Ion Ratio Lower Upper
99 100
42 22.9 21.9 32.9
71 36.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion: 136 Resp: 267168
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 7.8 11.8
68 5.8 3.6 5.4#

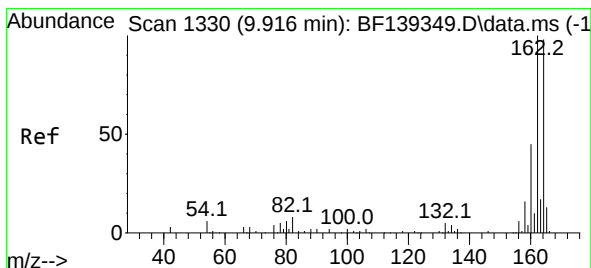
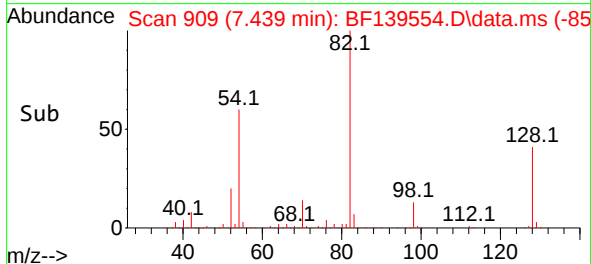
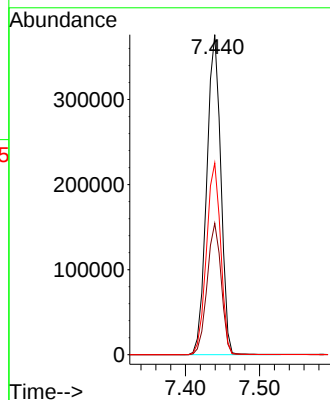
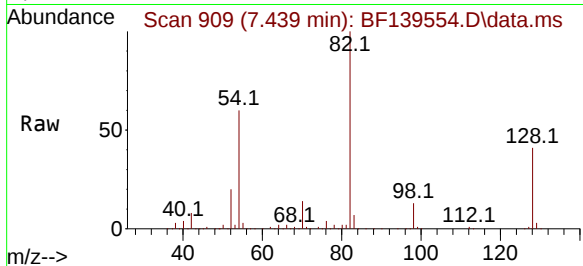




#23
 Nitrobenzene-d5
 Concen: 87.794 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF139554.D
 Acq: 26 Sep 2024 18:59

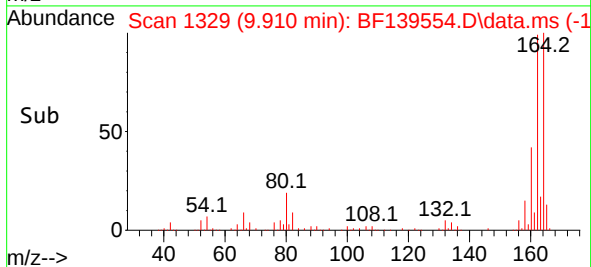
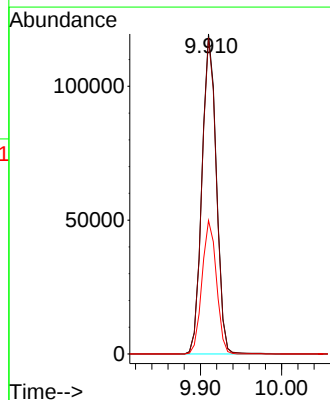
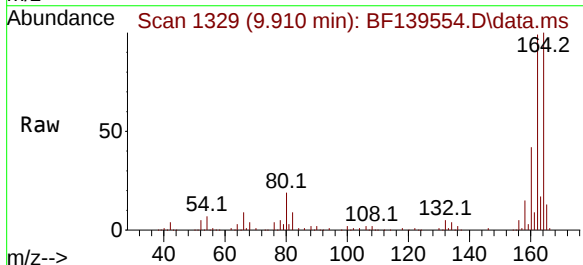
Instrument :
 BNA_F
 ClientSampleId :
 FB-1C-SYS2

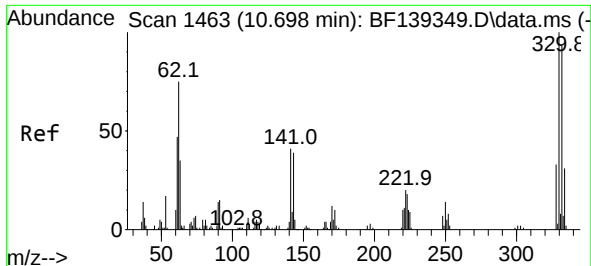
Tgt Ion: 82 Resp: 498939
 Ion Ratio Lower Upper
 82 100
 128 41.1 31.8 47.6
 54 59.9 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139554.D
 Acq: 26 Sep 2024 18:59

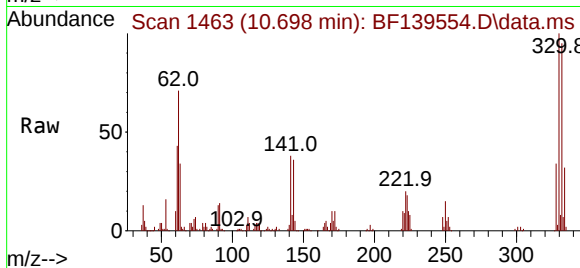
Tgt Ion:164 Resp: 146975
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.3 121.9
 160 41.7 36.4 54.6



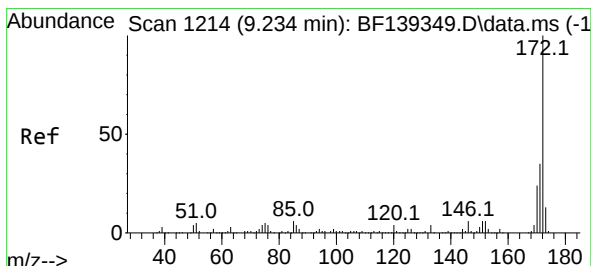
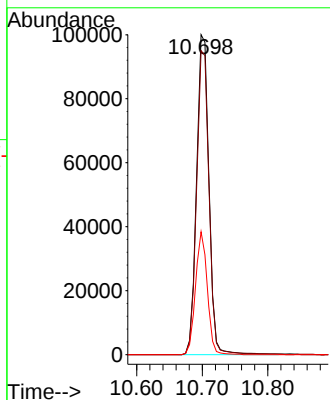
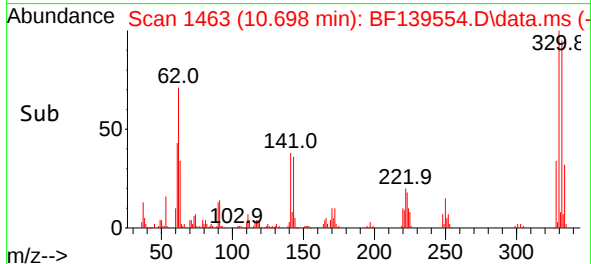


#42
2,4,6-Tribromophenol
Concen: 84.485 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

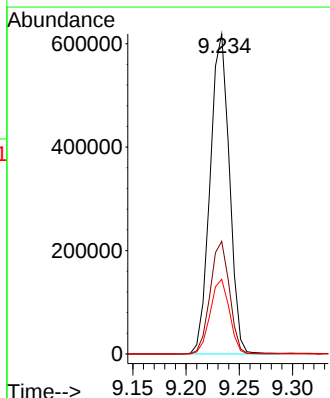
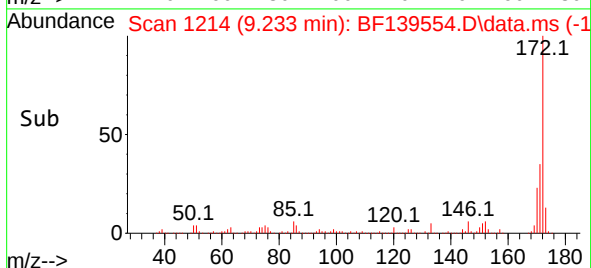
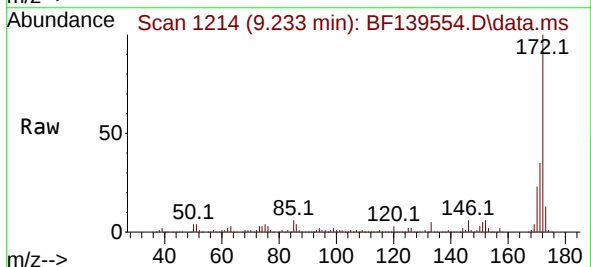


Tgt Ion:330 Resp: 132196
Ion Ratio Lower Upper
330 100
332 95.2 75.2 112.8
141 36.4 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 74.232 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:172 Resp: 777901
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 19.0 28.6

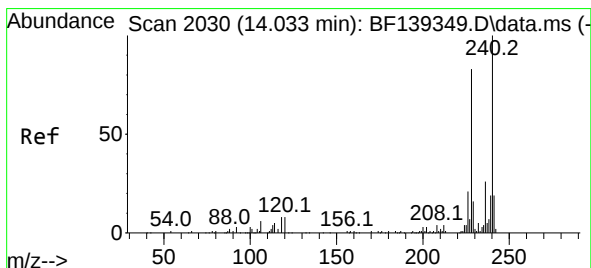
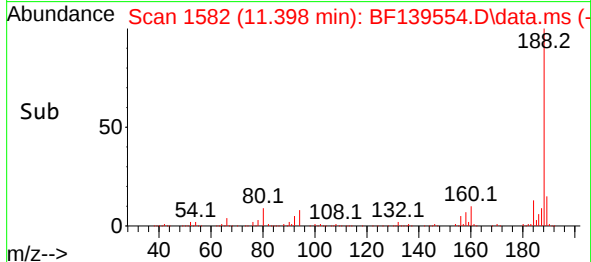
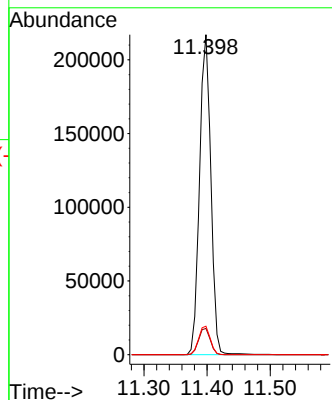
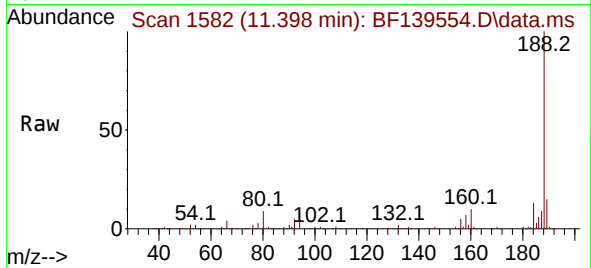




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

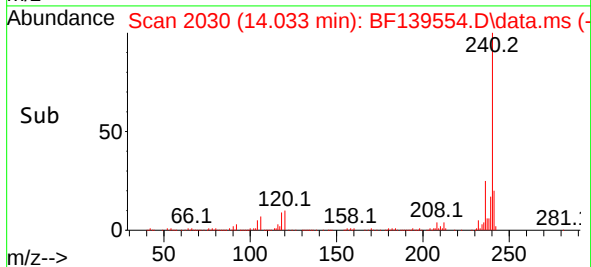
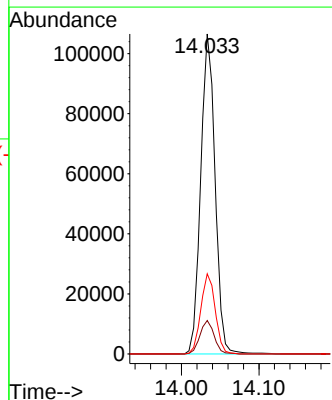
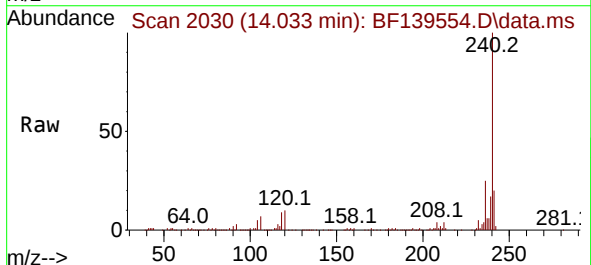
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS2

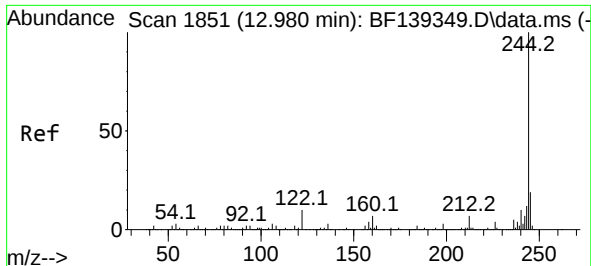
Tgt Ion:188 Resp: 268928
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.9 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

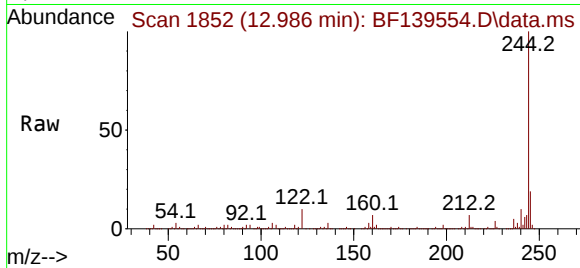
Tgt Ion:240 Resp: 137114
Ion Ratio Lower Upper
240 100
120 10.5 6.2 9.2#
236 25.0 20.9 31.3



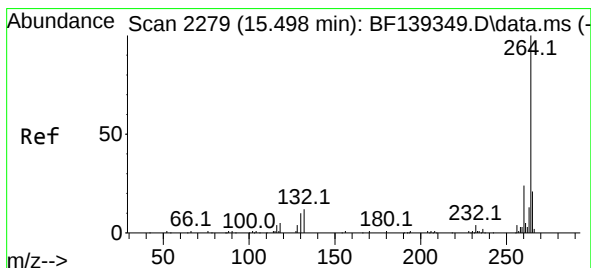
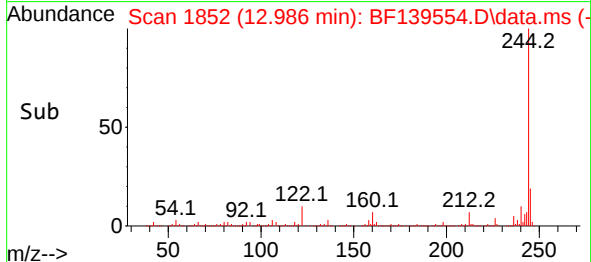
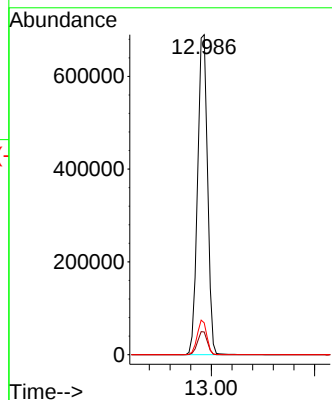


#79
Terphenyl-d14
Concen: 110.280 ng
RT: 12.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Instrument :
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Tgt Ion:244 Resp: 921231
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139554.D
Acq: 26 Sep 2024 18:59

Tgt Ion:264 Resp: 138036
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 20.9 16.6 25.0

