

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139633.D
Acq On : 03 Oct 2024 16:05
Operator : RC/JU
Sample : P4204-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-RW5FRACTANKSED-20240925

Quant Time: Oct 03 17:11:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85754	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	323117	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	181092	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	339348	20.000	ng	0.00
76) Chrysene-d12	14.027	240	212477	20.000	ng	0.00
86) Perylene-d12	15.492	264	203702	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	278263	56.242	ng	0.00
7) Phenol-d6	6.492	99	234892	35.304	ng	-0.01
23) Nitrobenzene-d5	7.428	82	545566	85.487	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	226761	129.715	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	974524	82.614	ng	0.00
79) Terphenyl-d14	12.974	244	1156229	89.289	ng	0.00

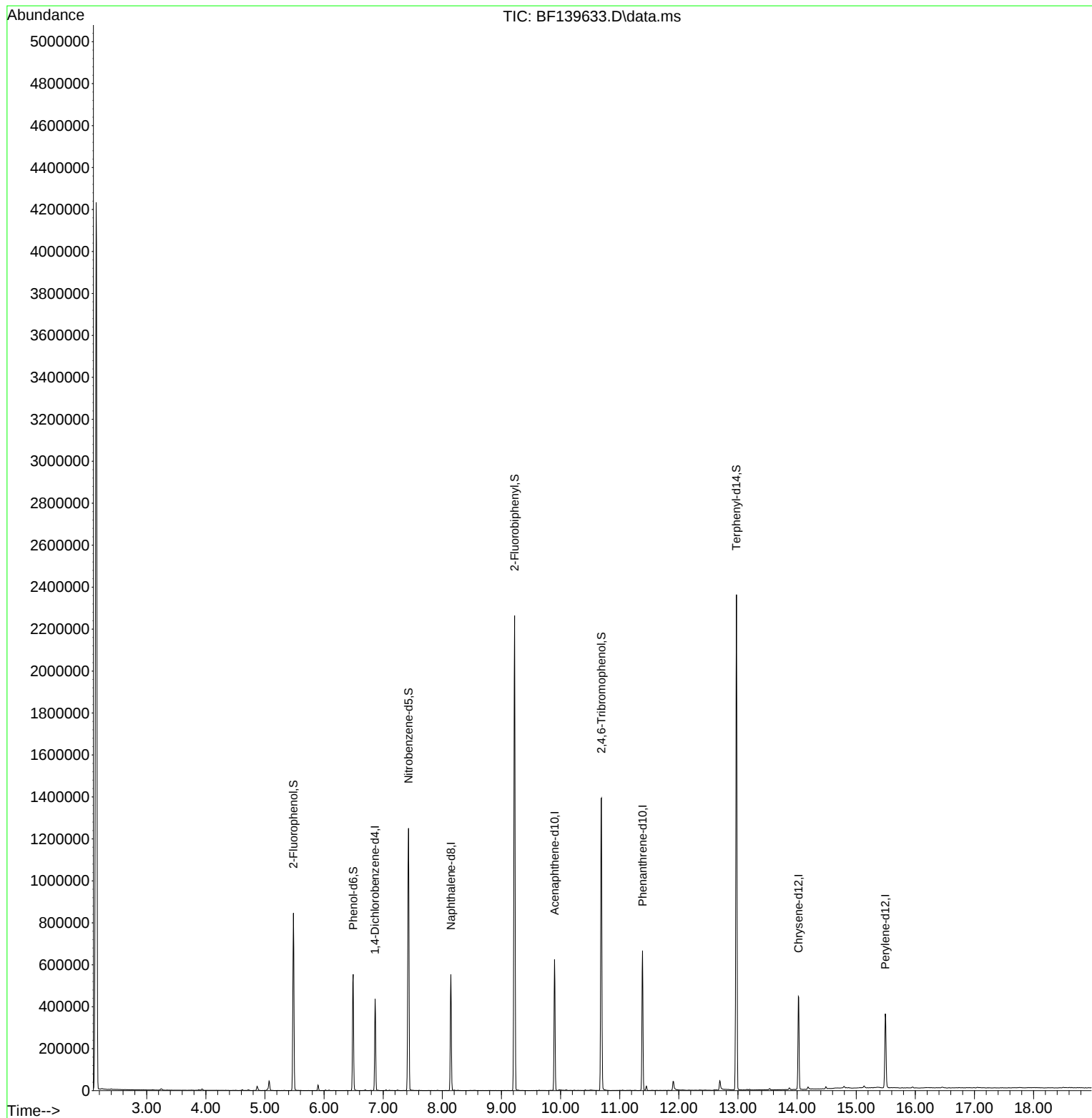
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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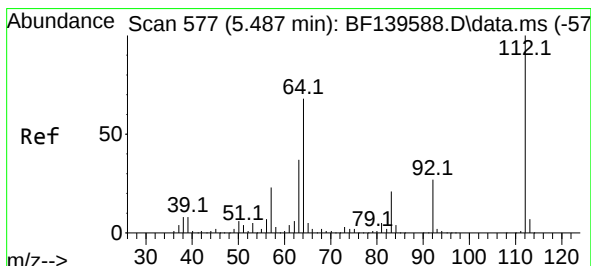
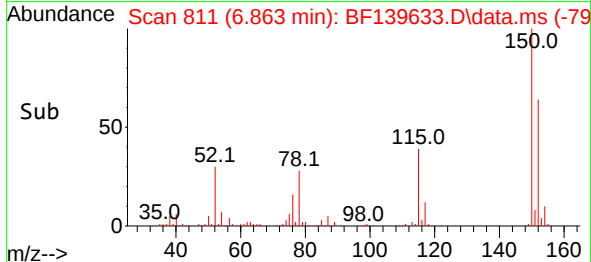
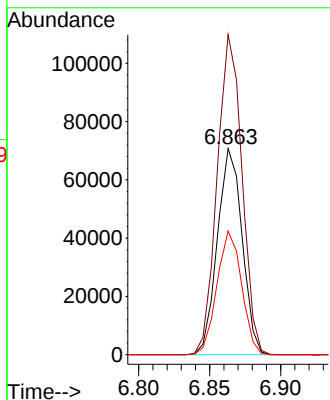
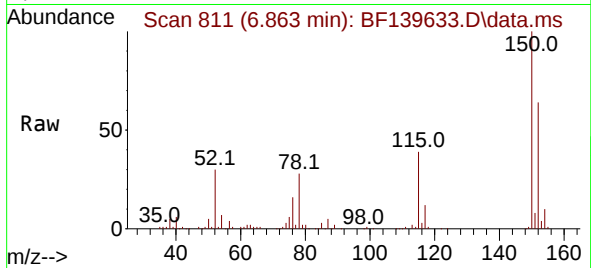




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

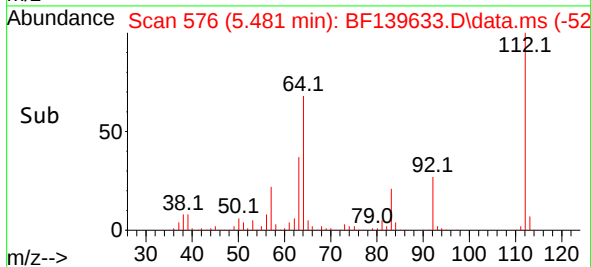
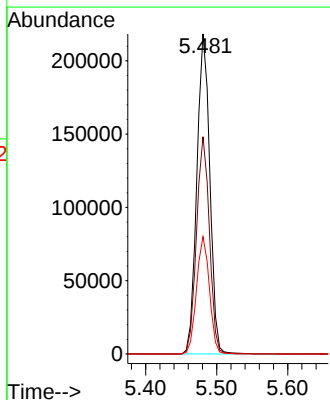
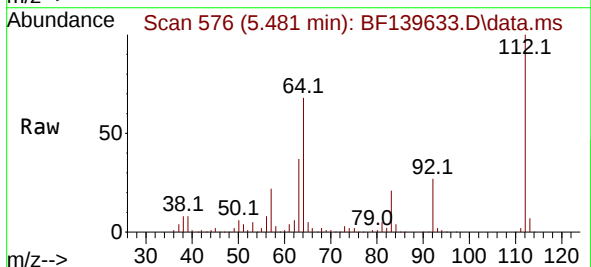
Instrument :
BNA_F
ClientSampleId :
BP-RW5FRACTANKSED-20240925

Tgt Ion:152 Resp: 85754
Ion Ratio Lower Upper
152 100
150 155.3 127.2 190.8
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 56.242 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

Tgt Ion:112 Resp: 278263
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 36.7 29.4 44.2

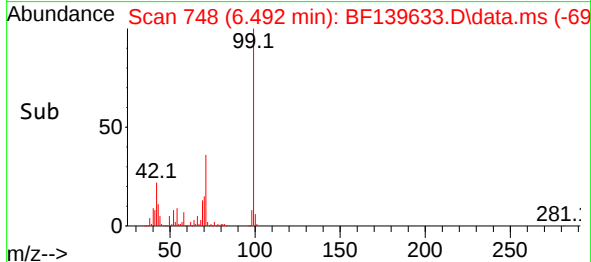
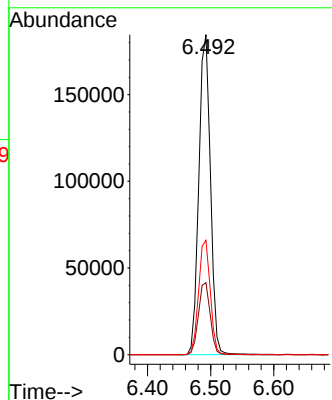
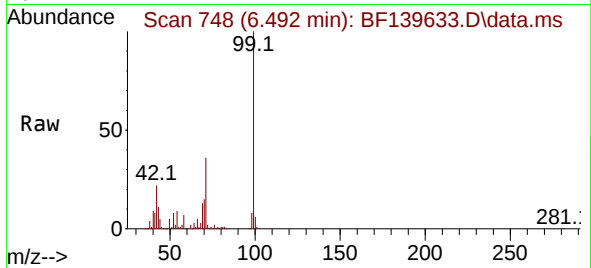




#7
Phenol-d6
Concen: 35.304 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

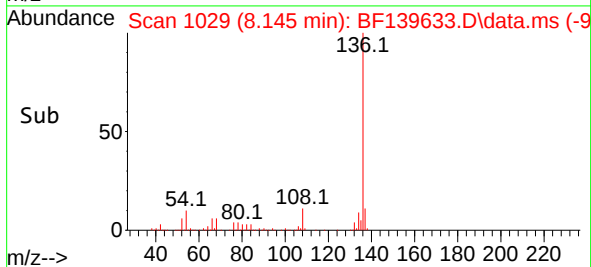
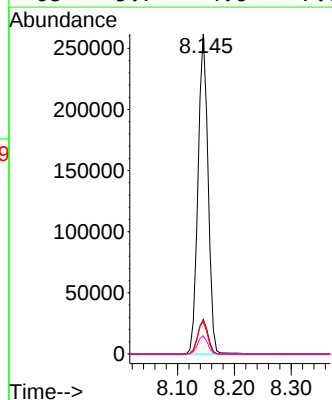
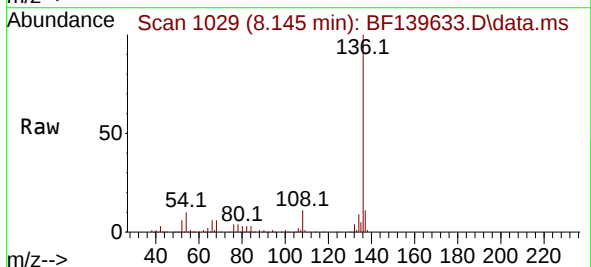
Instrument :
BNA_F
ClientSampleId :
BP-RW5FRACTANKSED-20240925

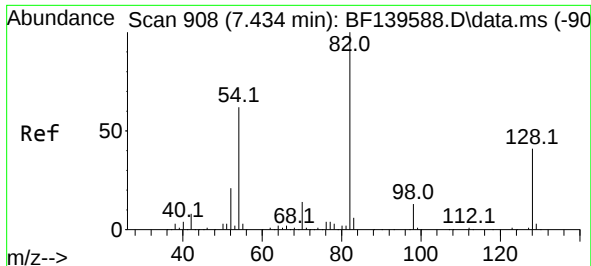
Tgt Ion: 99 Resp: 234892
Ion Ratio Lower Upper
99 100
42 22.5 19.1 28.7
71 35.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

Tgt Ion: 136 Resp: 323117
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.3 12.5
68 5.7 4.6 7.0

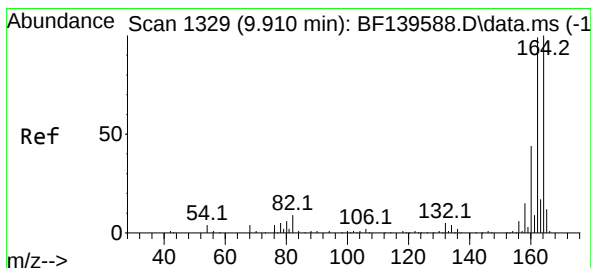
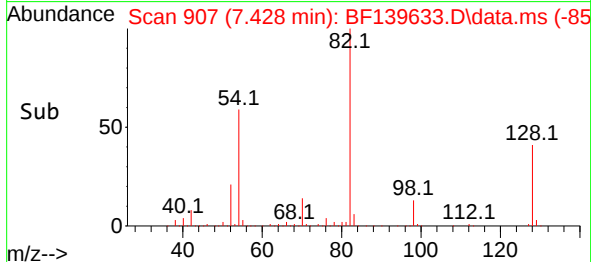
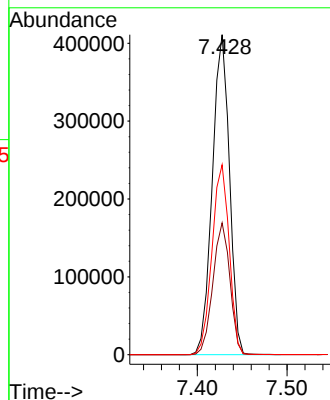
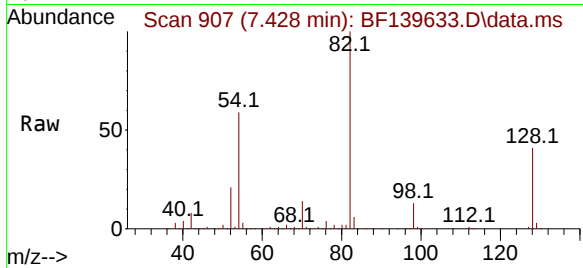




#23
Nitrobenzene-d5
Concen: 85.487 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

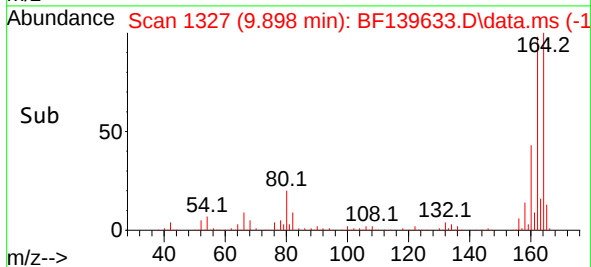
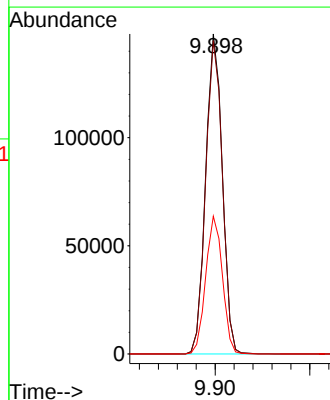
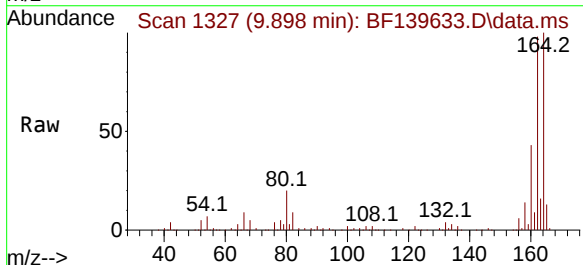
Instrument :
BNA_F
ClientSampleId :
BP-RW5FRACTANKSED-20240925

Tgt Ion: 82 Resp: 545566
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 59.3 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

Tgt Ion:164 Resp: 181092
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.0
160 43.0 35.1 52.7

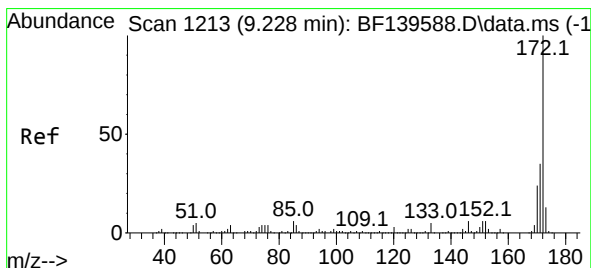
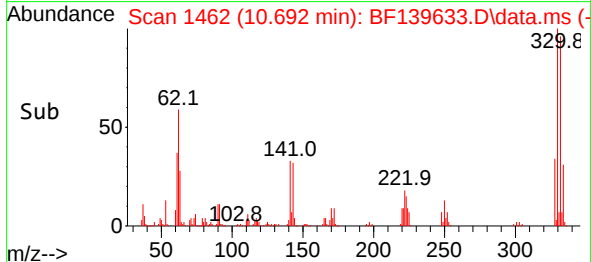
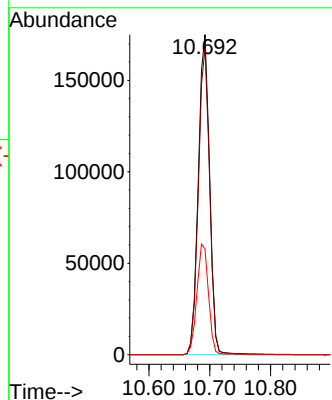
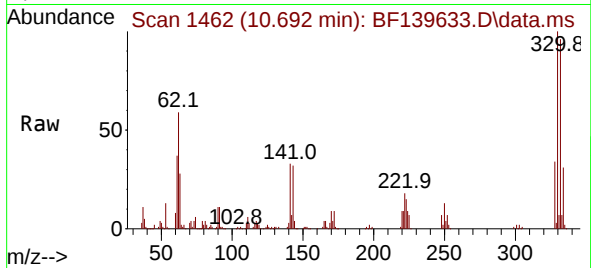




#42
2,4,6-Tribromophenol
Concen: 129.715 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

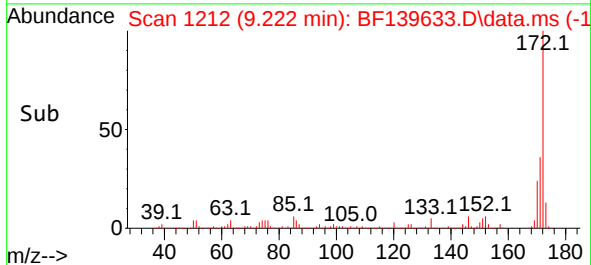
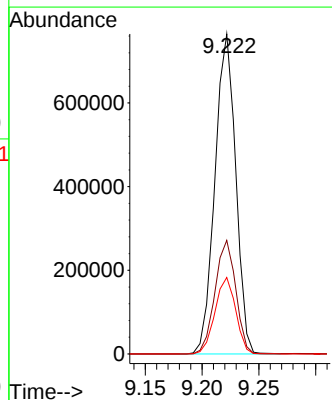
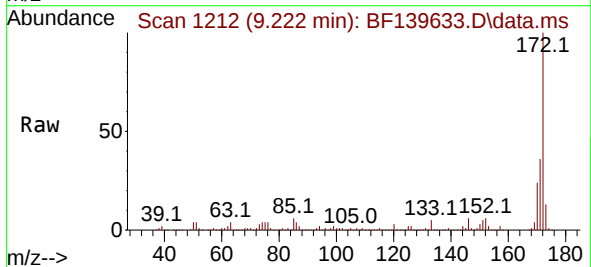
Instrument :
BNA_F
ClientSampleId :
BP-RW5FRACTANKSED-20240925

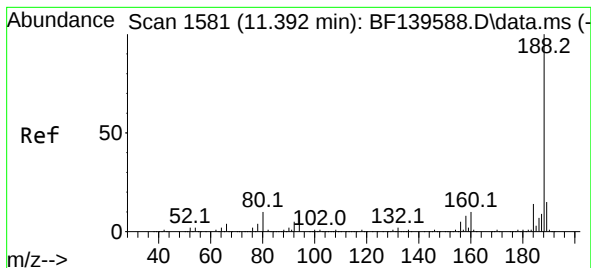
Tgt Ion: 330 Resp: 226761
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 35.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 82.614 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

Tgt Ion: 172 Resp: 974524
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139633.D

Acq: 03 Oct 2024 16:05

Instrument :

BNA_F

ClientSampleId :

BP-RW5FRACTANKSED-20240925

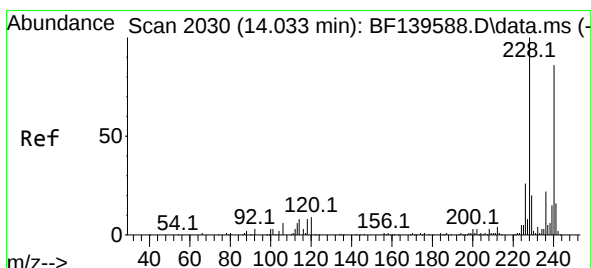
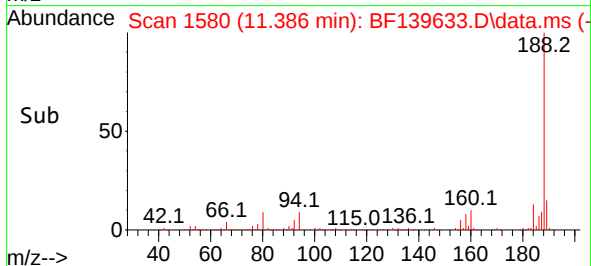
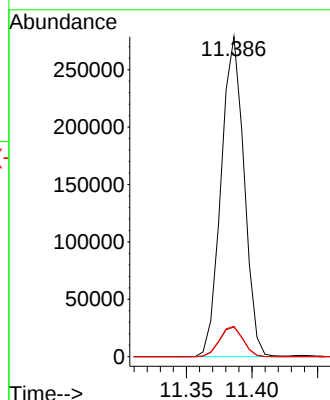
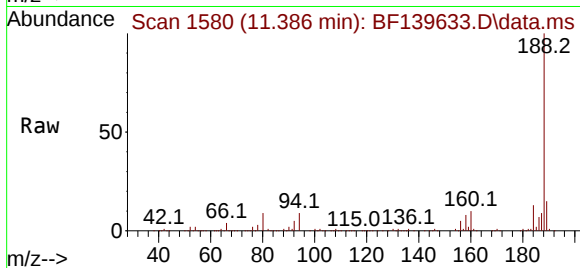
Tgt Ion:188 Resp: 339348

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.5 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139633.D

Acq: 03 Oct 2024 16:05

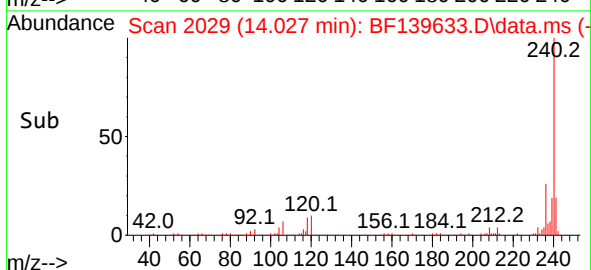
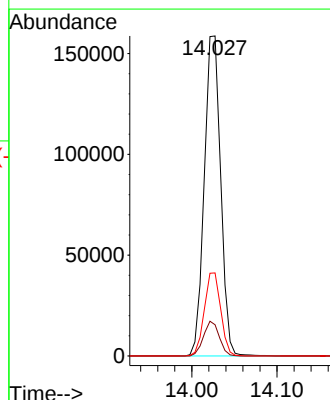
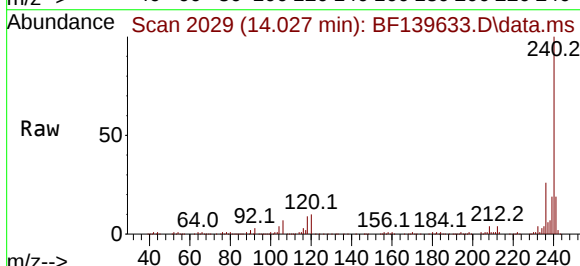
Tgt Ion:240 Resp: 212477

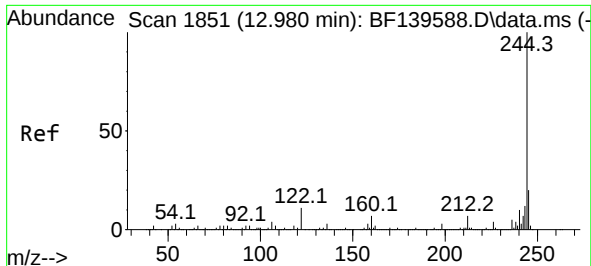
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

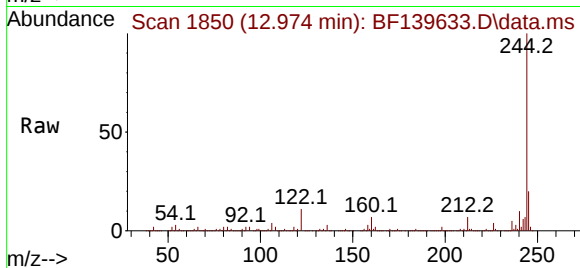
236 25.9 20.3 30.5



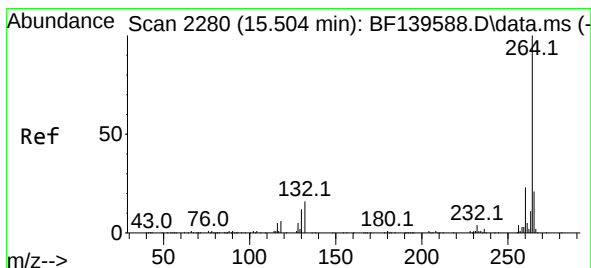
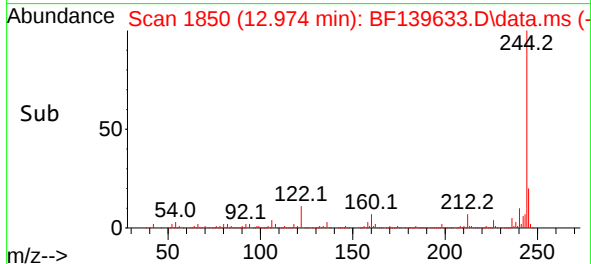
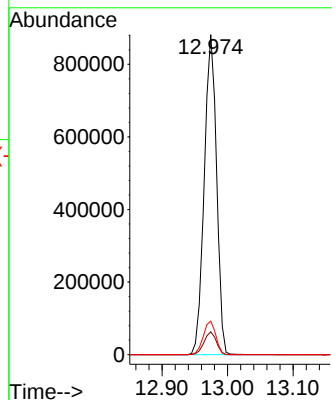


#79
Terphenyl-d14
Concen: 89.289 ng
RT: 12.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

Instrument :
BNA_F
ClientSampleId :
BP-RW5FRACTANKSED-20240925



Tgt Ion:244 Resp: 1156229
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139633.D
Acq: 03 Oct 2024 16:05

Tgt Ion:264 Resp: 203702
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.1 16.9 25.3

