

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139425.D
 Acq On : 18 Sep 2024 14:17
 Operator : RC/JU
 Sample : P4015-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1-TANK17

Quant Time: Sep 18 14:47:57 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	71434	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	266526	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150576	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	255604	20.000	ng	0.00
76) Chrysene-d12	14.027	240	114291	20.000	ng	0.00
86) Perylene-d12	15.498	264	136932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	365243	83.411	ng	0.00
7) Phenol-d6	6.504	99	488177	84.937	ng	0.00
23) Nitrobenzene-d5	7.439	82	329805	58.173	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	128550	80.190	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	617961	57.559	ng	0.00
79) Terphenyl-d14	12.980	244	445066	63.918	ng	0.00

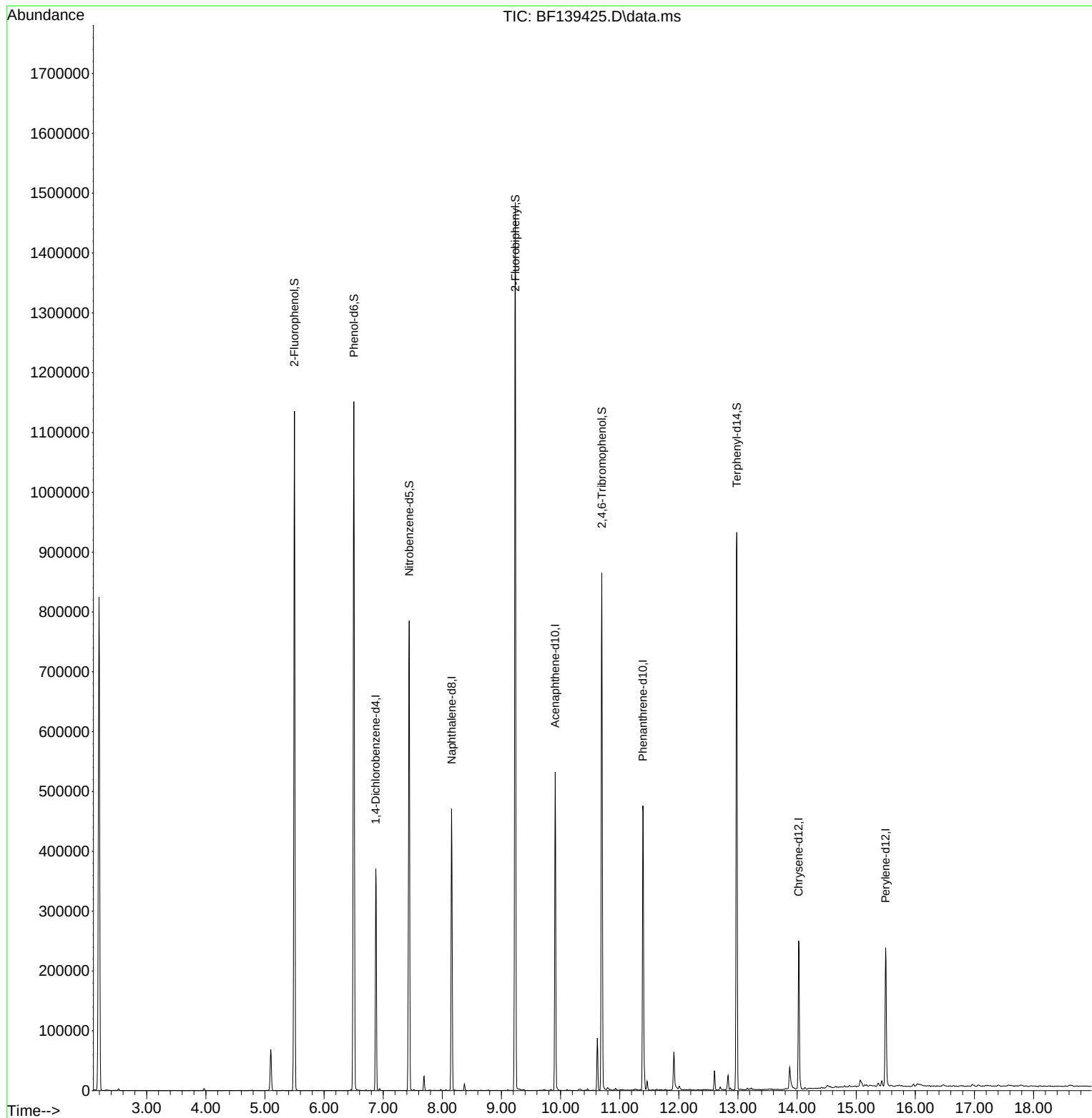
Target Compounds	Qvalue

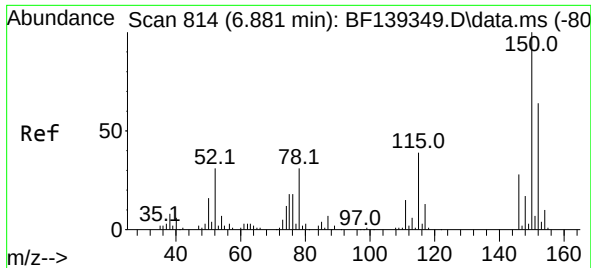
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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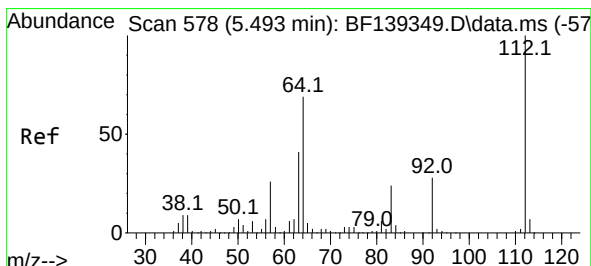
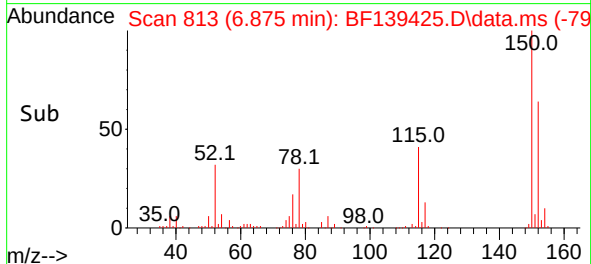
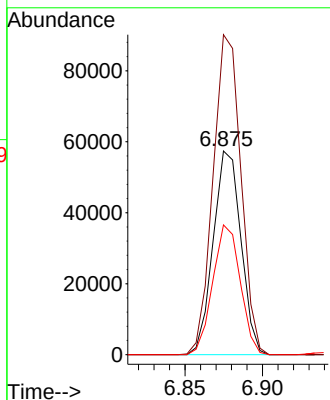
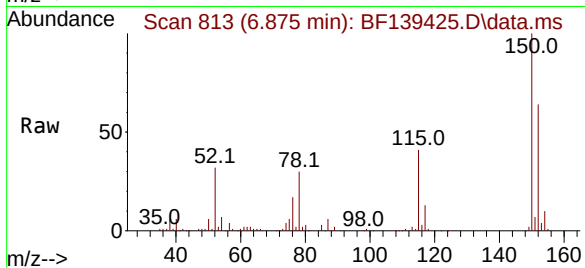




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139425.D
 Acq: 18 Sep 2024 14:17

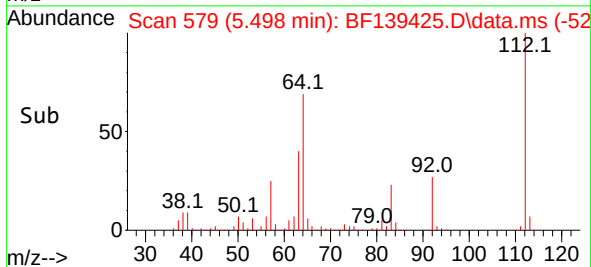
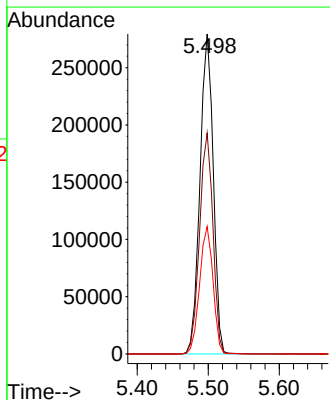
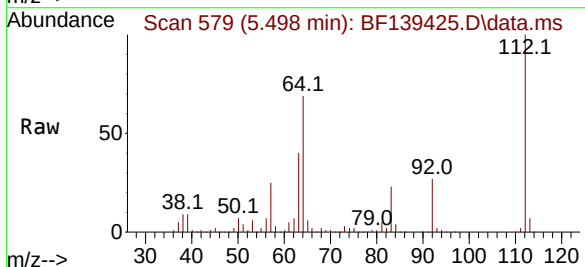
Instrument :
 BNA_F
 ClientSampleId :
 P-1-TANK17

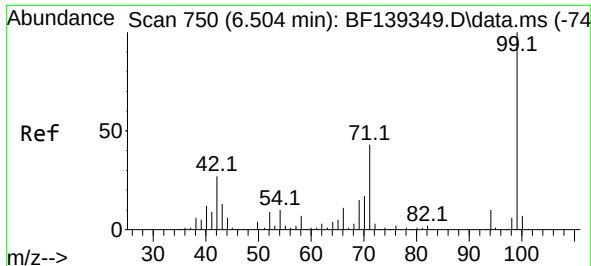
Tgt Ion:152 Resp: 71434
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.1 186.1
 115 63.7 48.1 72.1



#5
 2-Fluorophenol
 Concen: 83.411 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.005 min
 Lab File: BF139425.D
 Acq: 18 Sep 2024 14:17

Tgt Ion:112 Resp: 365243
 Ion Ratio Lower Upper
 112 100
 64 69.0 54.8 82.2
 63 39.8 33.0 49.4

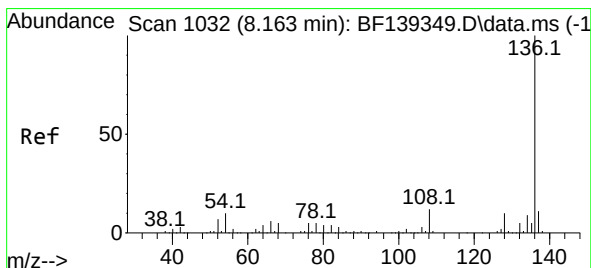
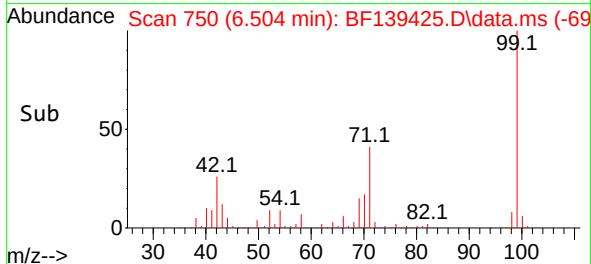
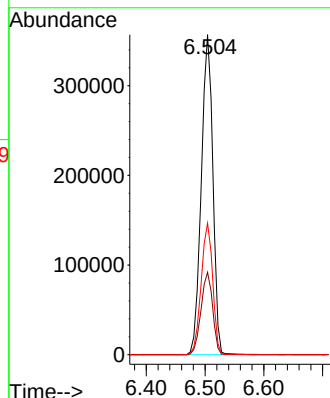
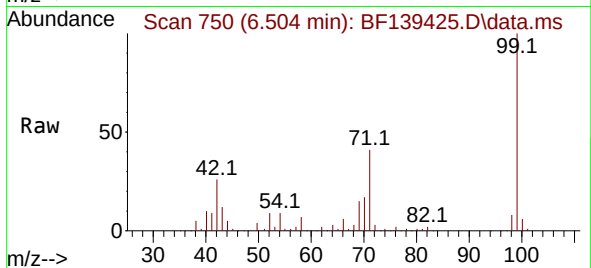




#7
Phenol-d6
Concen: 84.937 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

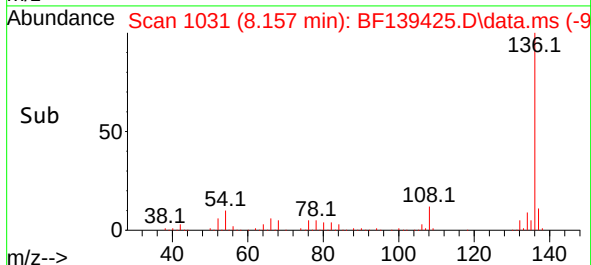
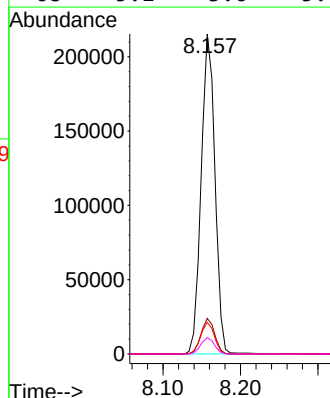
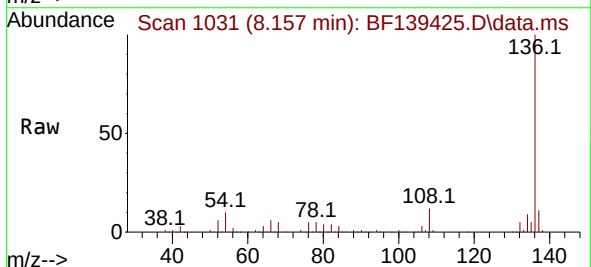
Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

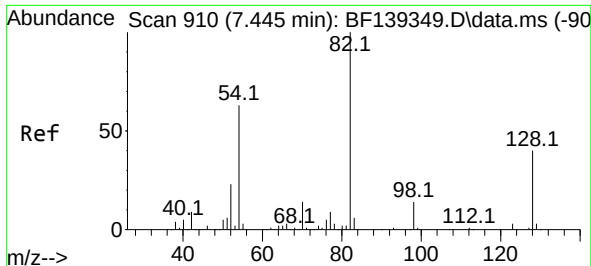
Tgt Ion: 99 Resp: 488177
Ion Ratio Lower Upper
99 100
42 25.8 21.9 32.9
71 41.1 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

Tgt Ion: 136 Resp: 266526
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.9 7.8 11.8
68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 58.173 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139425.D

Acq: 18 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

P-1-TANK17

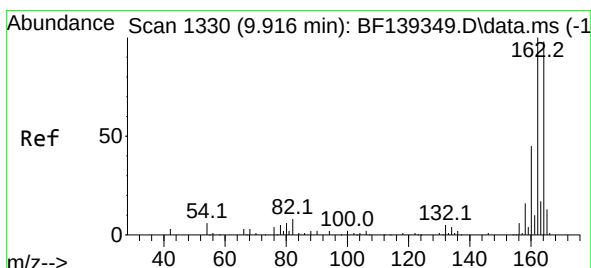
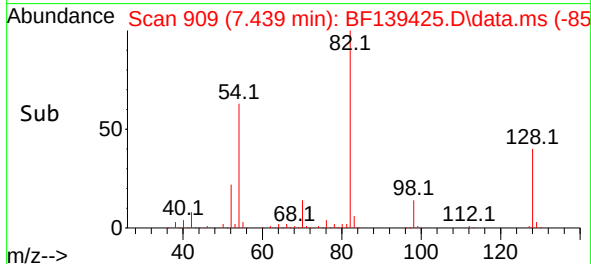
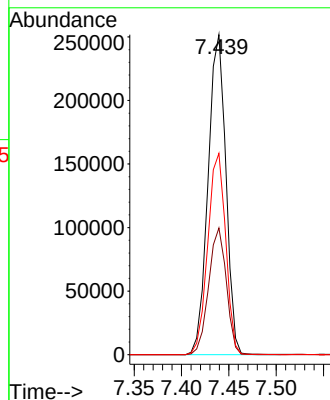
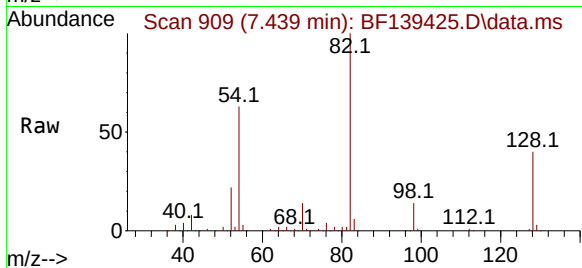
Tgt Ion: 82 Resp: 329805

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 62.9 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: BF139425.D

Acq: 18 Sep 2024 14:17

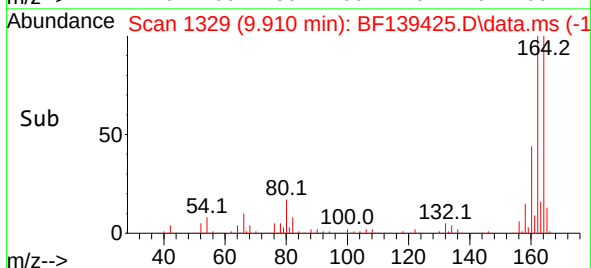
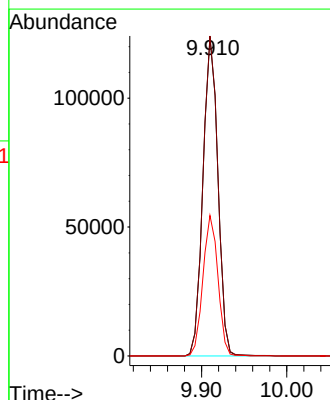
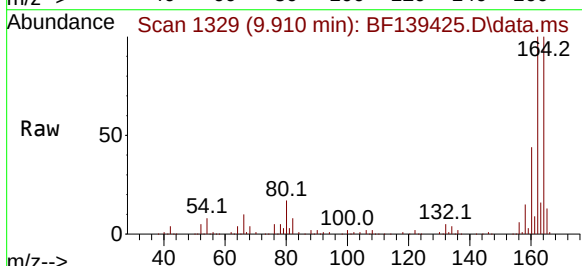
Tgt Ion:164 Resp: 150576

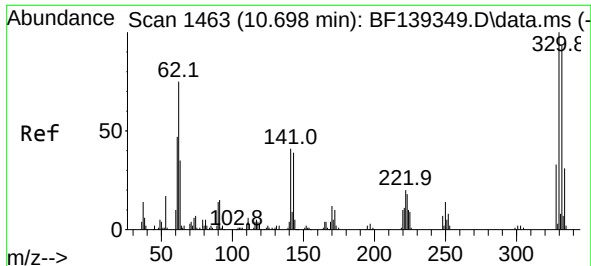
Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

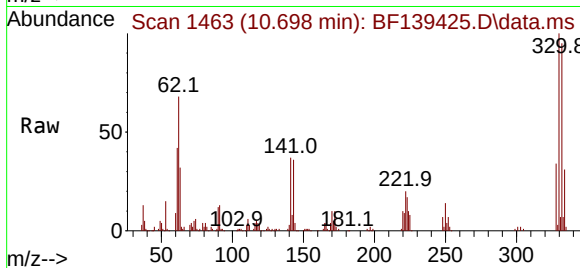
160 44.1 36.4 54.6



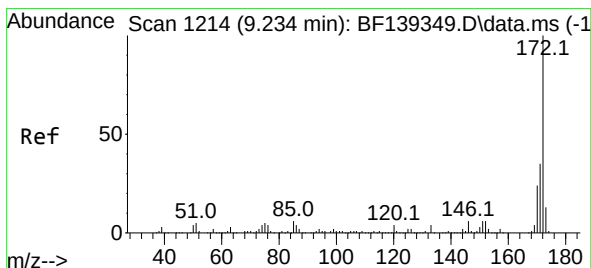
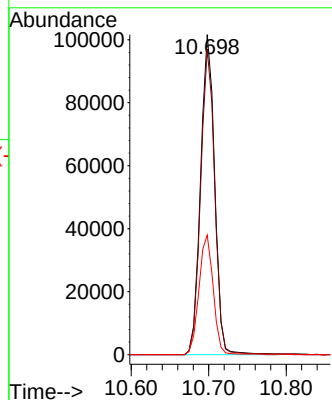
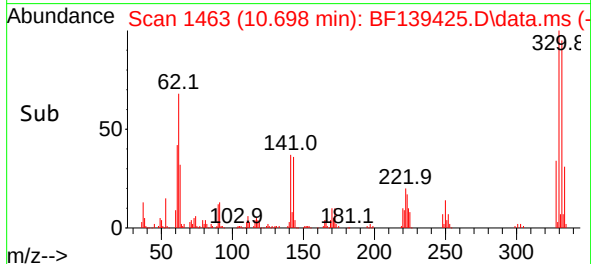


#42
2,4,6-Tribromophenol
Concen: 80.190 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17

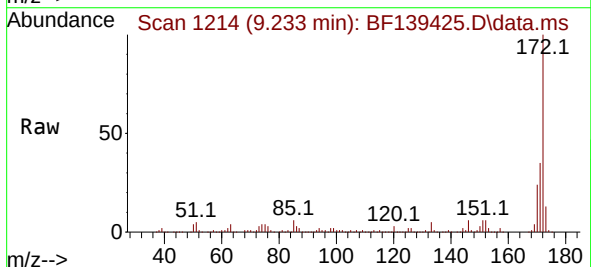
Instrument :
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P-1-TANK17



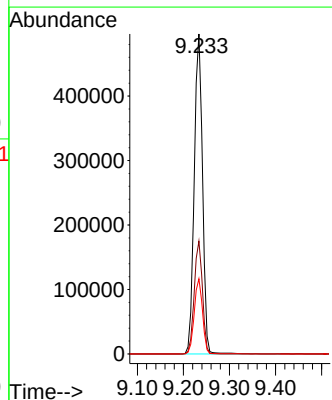
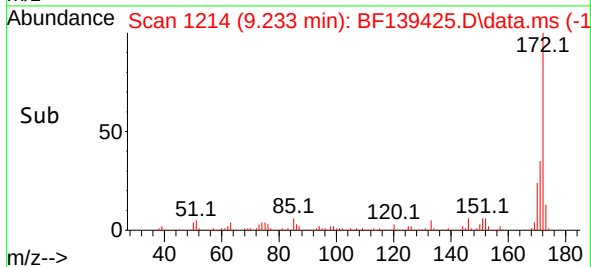
Tgt Ion: 330 Resp: 128550
Ion Ratio Lower Upper
330 100
332 95.2 75.2 112.8
141 37.8 31.2 46.8

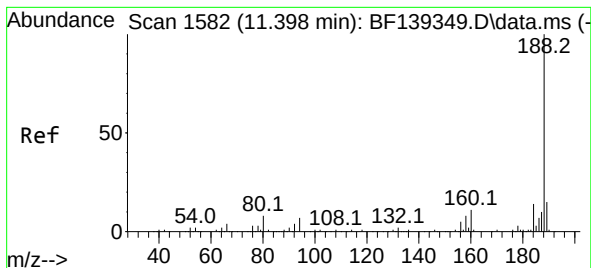


#45
2-Fluorobiphenyl
Concen: 57.559 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139425.D
Acq: 18 Sep 2024 14:17



Tgt Ion: 172 Resp: 617961
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139425.D

Acq: 18 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

P-1-TANK17

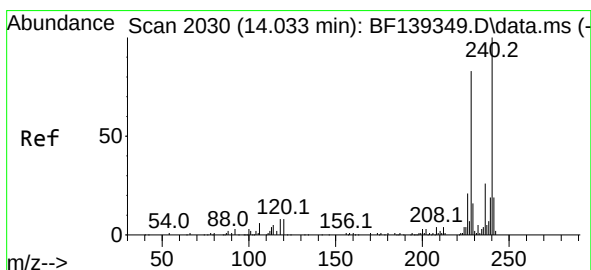
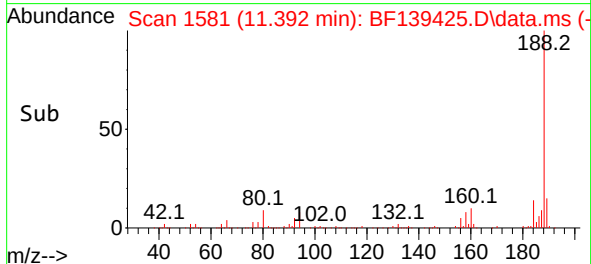
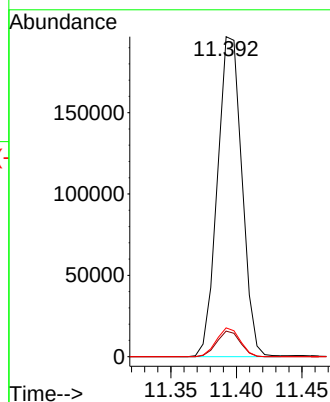
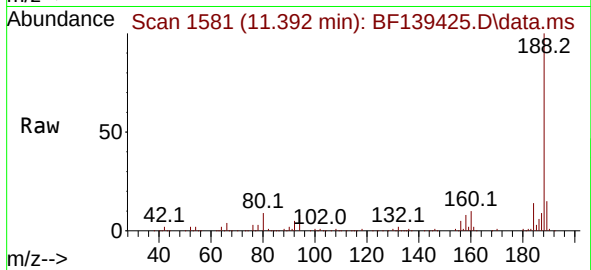
Tgt Ion:188 Resp: 255604

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.0 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139425.D

Acq: 18 Sep 2024 14:17

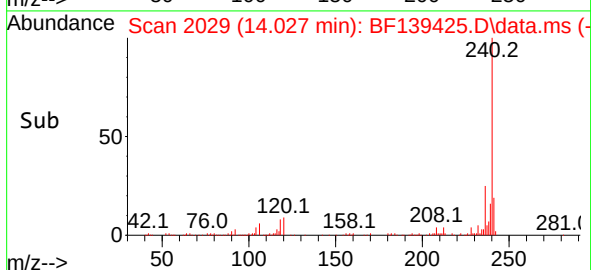
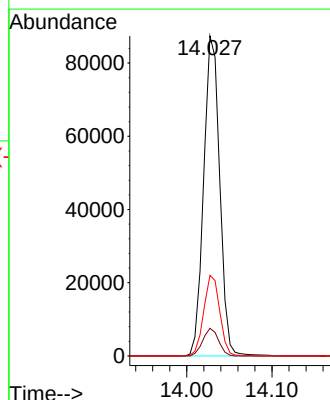
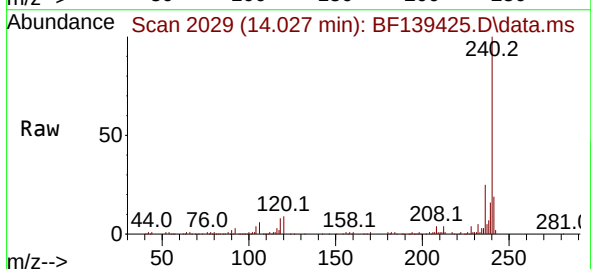
Tgt Ion:240 Resp: 114291

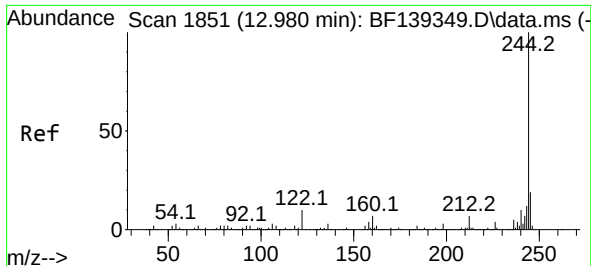
Ion Ratio Lower Upper

240 100

120 8.7 6.2 9.2

236 25.2 20.9 31.3

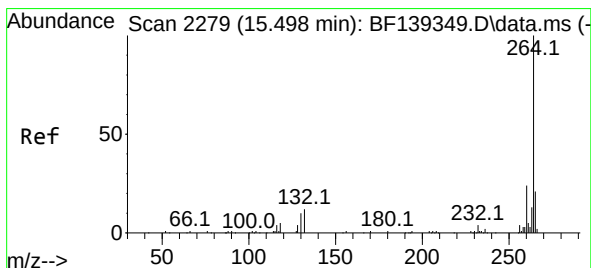
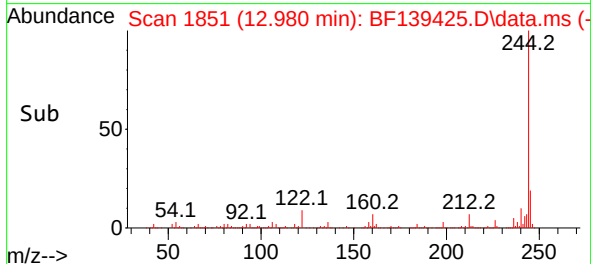
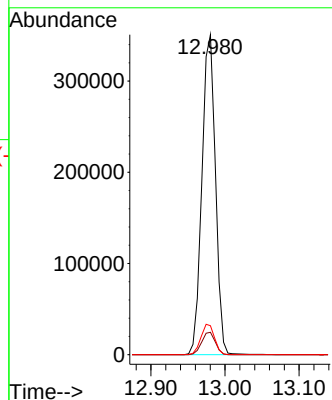
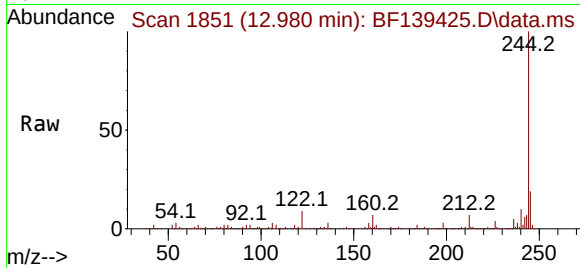




#79
 Terphenyl-d14
 Concen: 63.918 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139425.D
 Acq: 18 Sep 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 445066
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139425.D
 Acq: 18 Sep 2024 14:17

Tgt Ion:264 Resp: 136932
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.2 16.6 25.0

