

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139325.D
 Acq On : 11 Sep 2024 15:03
 Operator : RC/JU
 Sample : P3907-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-701-COMP-54

Quant Time: Sep 11 15:31:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	104021	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	396075	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	227477	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	440848	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	283373	20.000	ng	-0.01
86) Perylene-d12	15.516	264	192366	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	641520	103.169	ng	0.00
7) Phenol-d6	6.510	99	800270	96.406	ng	0.00
23) Nitrobenzene-d5	7.445	82	596904	78.401	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	278273	141.665	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1077269	73.103	ng	-0.01
79) Terphenyl-d14	12.992	244	1620358	92.323	ng	0.00

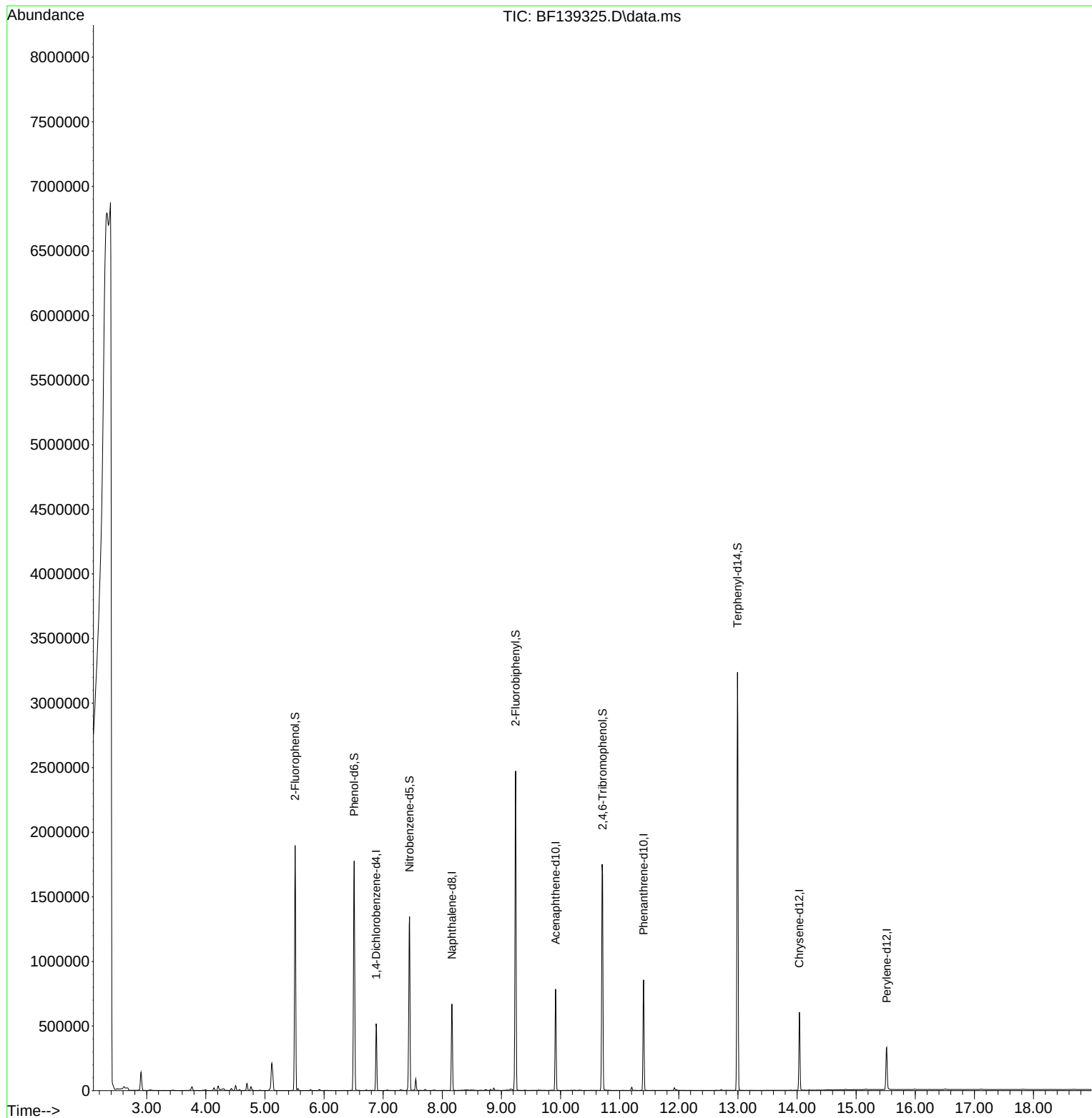
Target Compounds	Qvalue

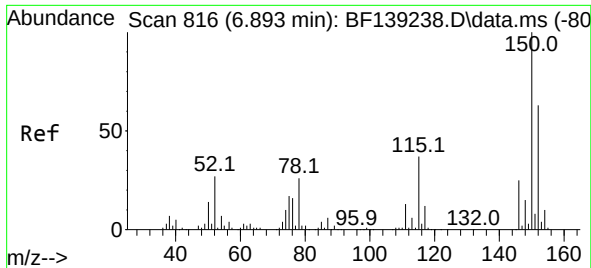
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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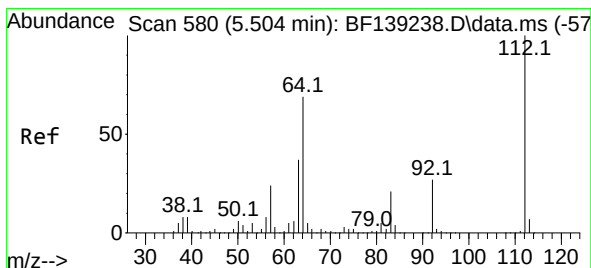
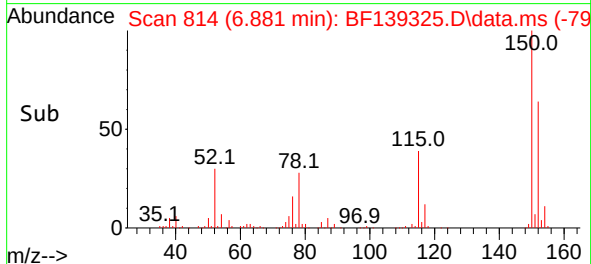
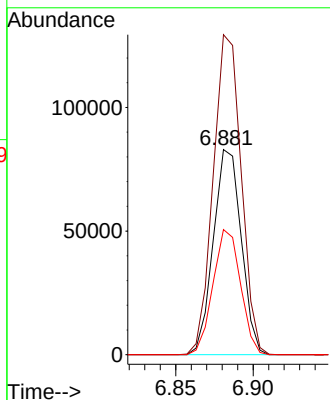
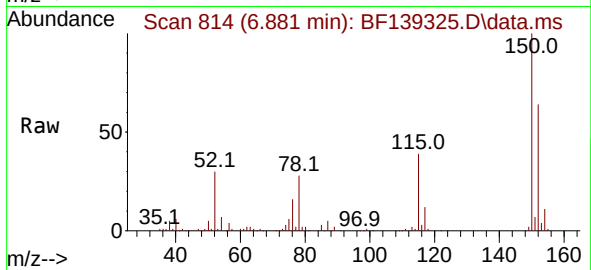




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

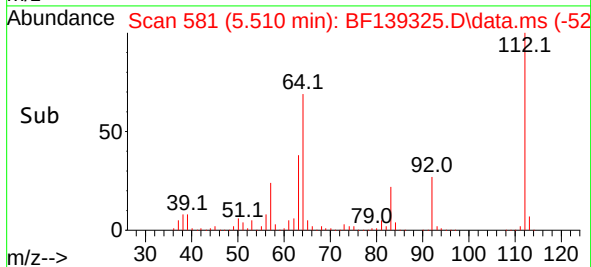
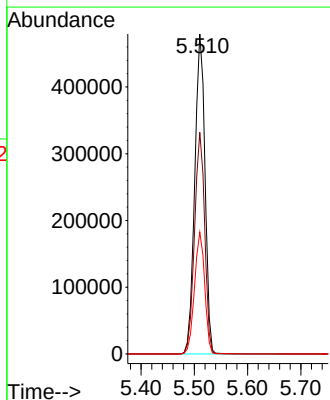
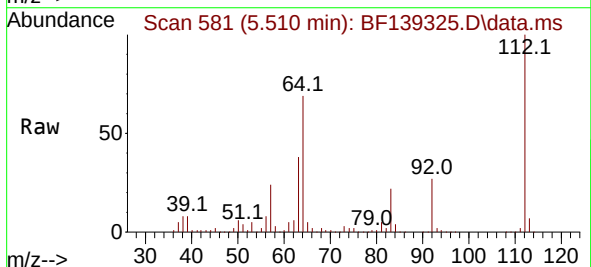
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-54

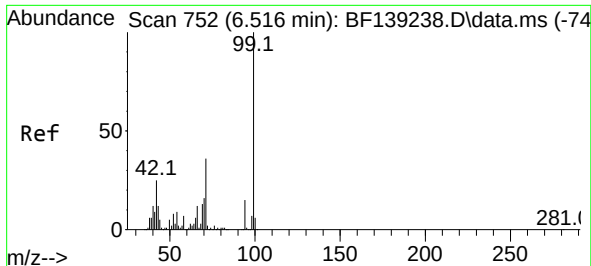
Tgt Ion:152 Resp: 104021
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 61.0 46.9 70.3



#5
2-Fluorophenol
Concen: 103.169 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion:112 Resp: 641520
Ion Ratio Lower Upper
112 100
64 69.3 55.0 82.4
63 38.1 29.9 44.9

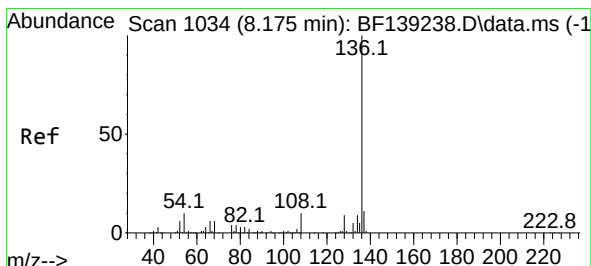
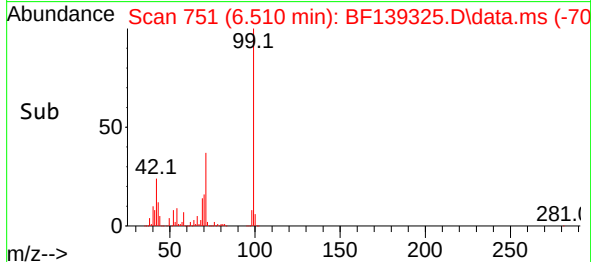
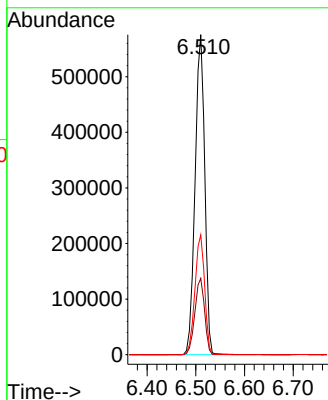
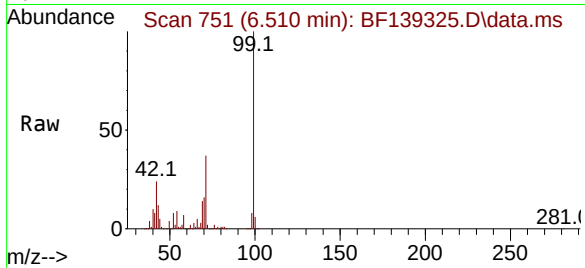




#7
Phenol-d6
Concen: 96.406 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

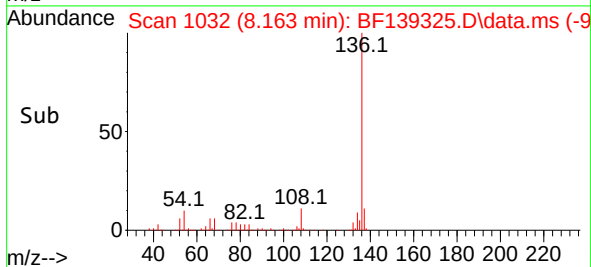
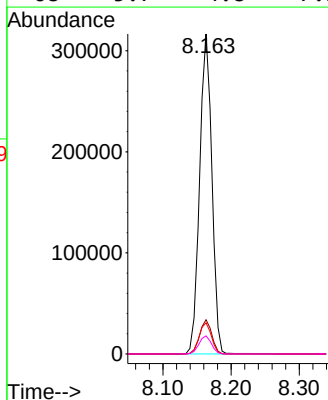
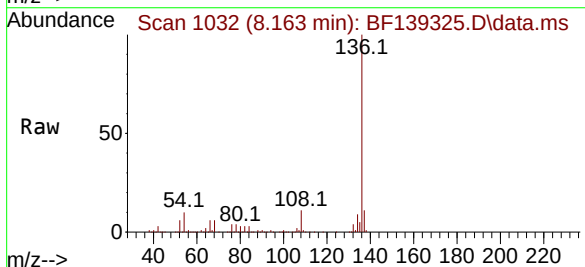
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-54

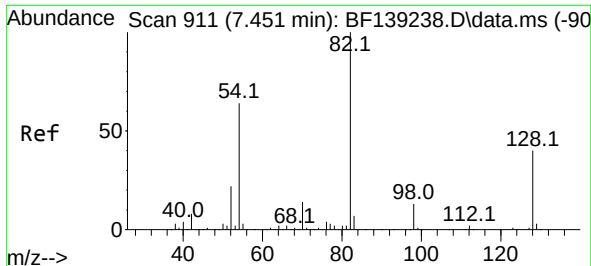
Tgt Ion: 99 Resp: 800270
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 37.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion: 136 Resp: 396075
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.4 12.6
68 5.7 4.8 7.2

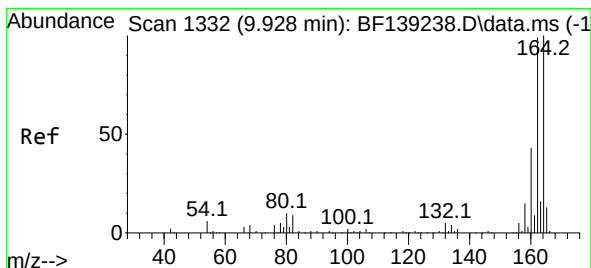
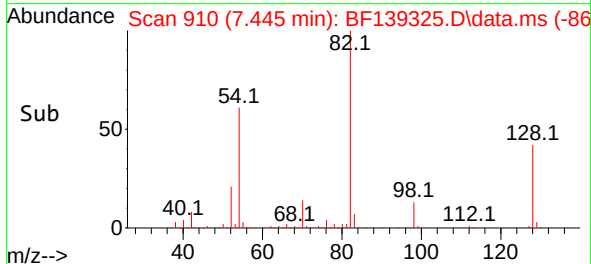
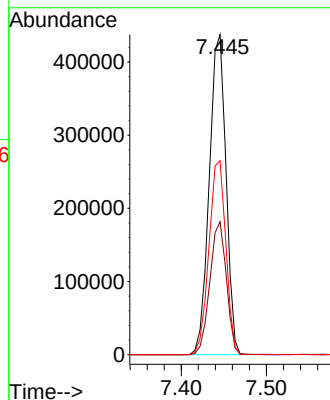
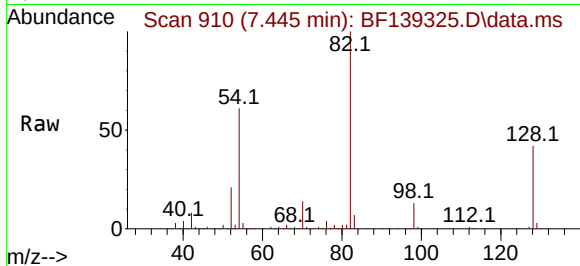




#23
 Nitrobenzene-d5
 Concen: 78.401 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139325.D
 Acq: 11 Sep 2024 15:03

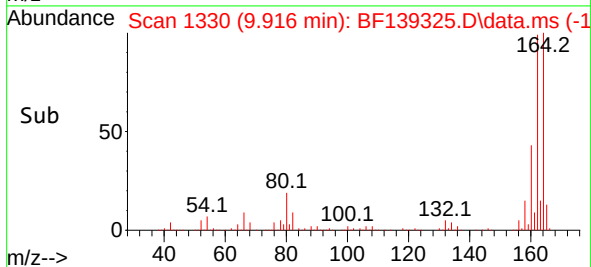
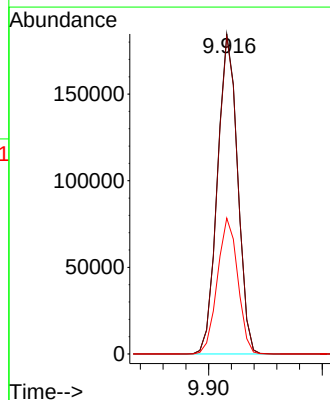
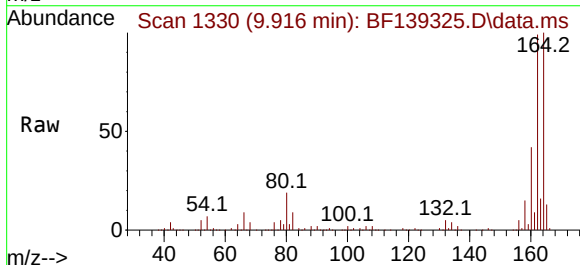
Instrument :
 BNA_F
 ClientSampleId :
 PL-701-COMP-54

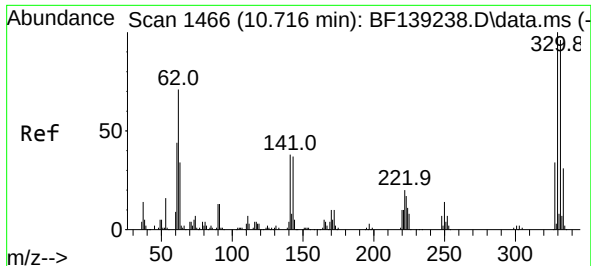
Tgt Ion: 82 Resp: 596904
 Ion Ratio Lower Upper
 82 100
 128 41.5 32.3 48.5
 54 60.6 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: BF139325.D
 Acq: 11 Sep 2024 15:03

Tgt Ion:164 Resp: 227477
 Ion Ratio Lower Upper
 164 100
 162 99.2 79.2 118.8
 160 42.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 141.665 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139325.D

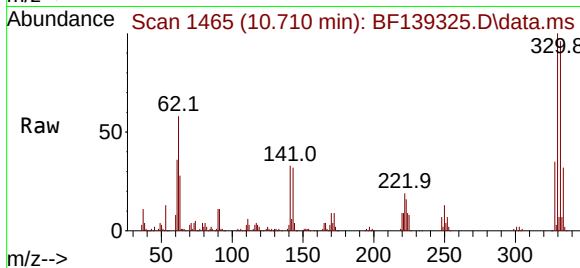
Acq: 11 Sep 2024 15:03

Instrument :

BNA_F

ClientSampleId :

PL-701-COMP-54



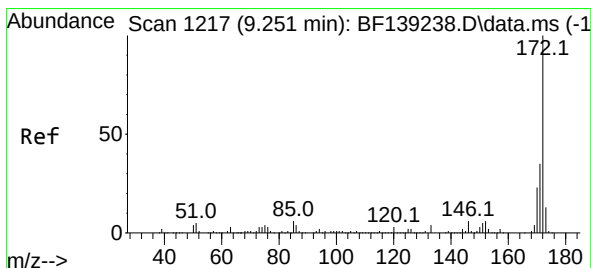
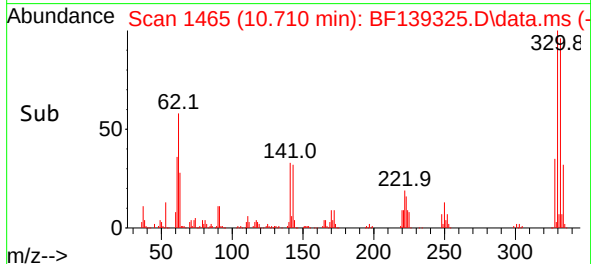
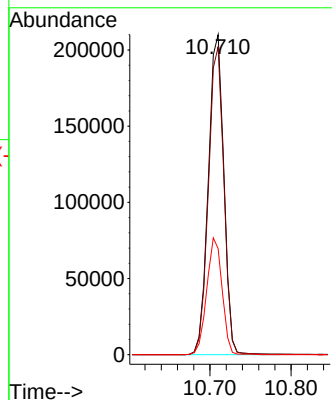
Tgt Ion:330 Resp: 278273

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

141 36.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 73.103 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139325.D

Acq: 11 Sep 2024 15:03

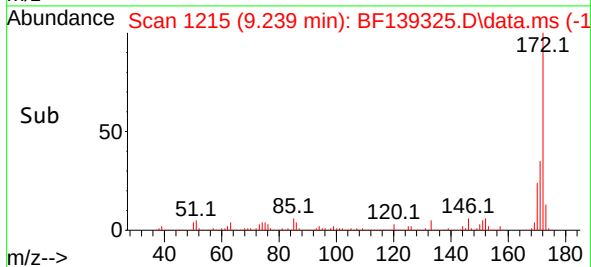
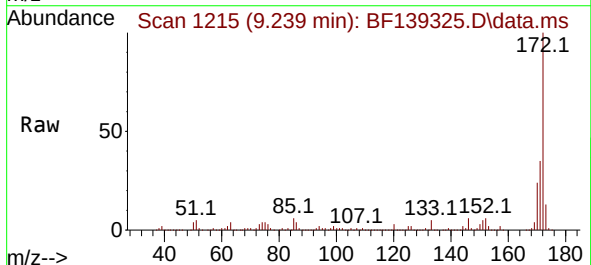
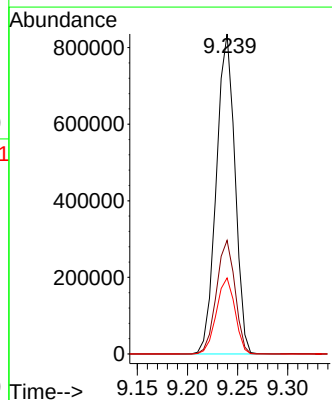
Tgt Ion:172 Resp: 1077269

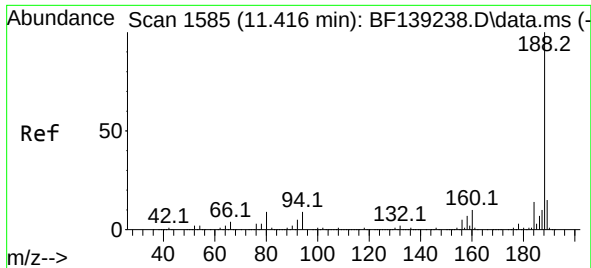
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 18.7 28.1

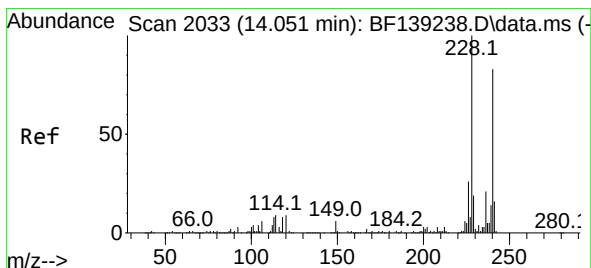
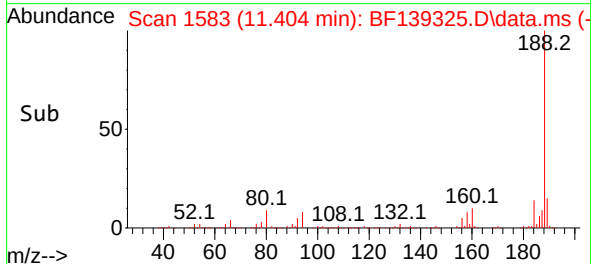
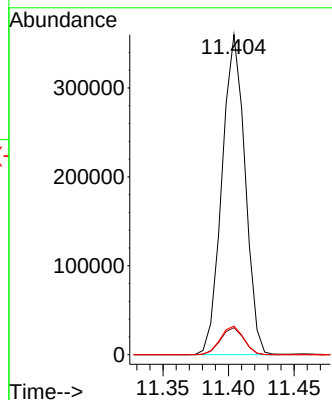
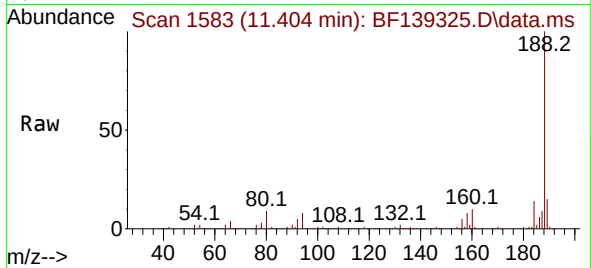




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

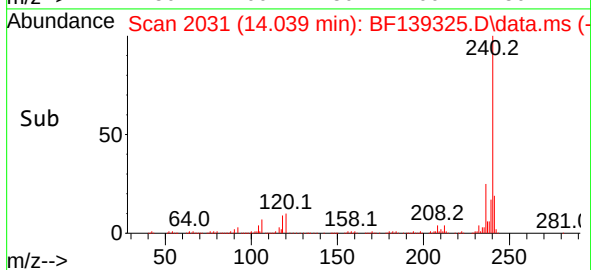
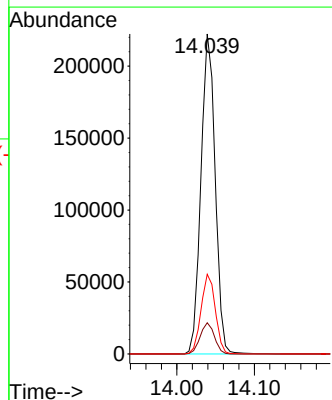
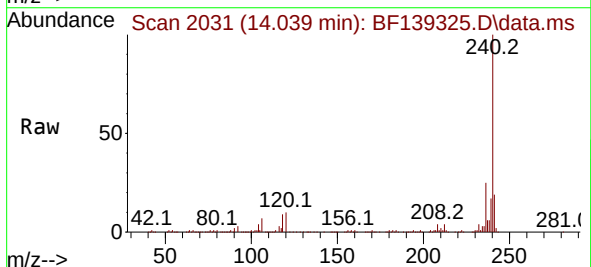
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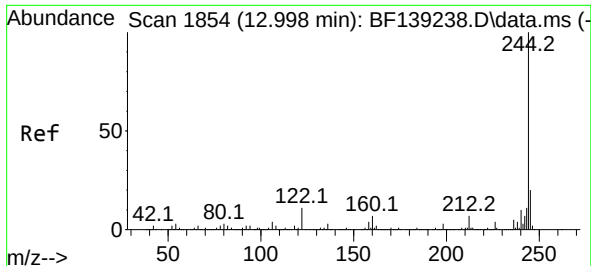
Tgt Ion:188 Resp: 440848
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 8.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

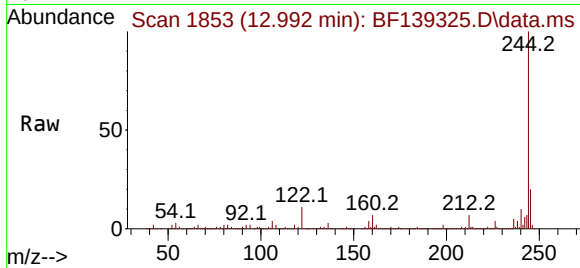
Tgt Ion:240 Resp: 283373
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 24.9 20.7 31.1



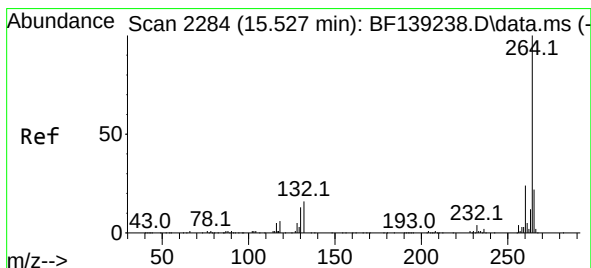
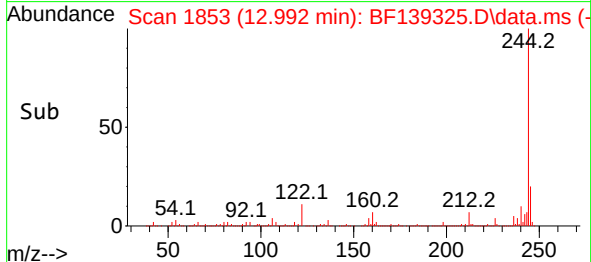
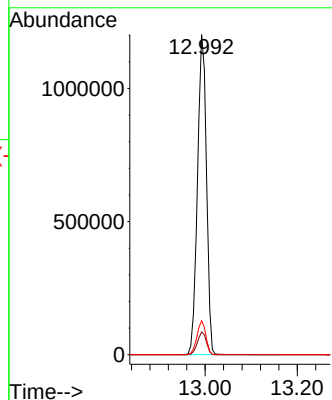


#79
Terphenyl-d14
Concen: 92.323 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Instrument :
BNA_F
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Tgt Ion:244 Resp: 1620358
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.6 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion:264 Resp: 192366
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.3 17.3 25.9

