

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139322.D
 Acq On : 11 Sep 2024 13:36
 Operator : RC/JU
 Sample : PB163205TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163205TB

Quant Time: Sep 11 14:03:26 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	118040	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	441089	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	253716	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	489213	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	302442	20.000	ng	0.00
86) Perylene-d12	15.539	264	233324	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	980093	138.899	ng	0.01
7) Phenol-d6	6.510	99	1278887	135.766	ng	0.00
23) Nitrobenzene-d5	7.446	82	847887	100.001	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	343815	156.930	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1579610	96.106	ng	-0.01
79) Terphenyl-d14	12.992	244	1825788	97.469	ng	0.00

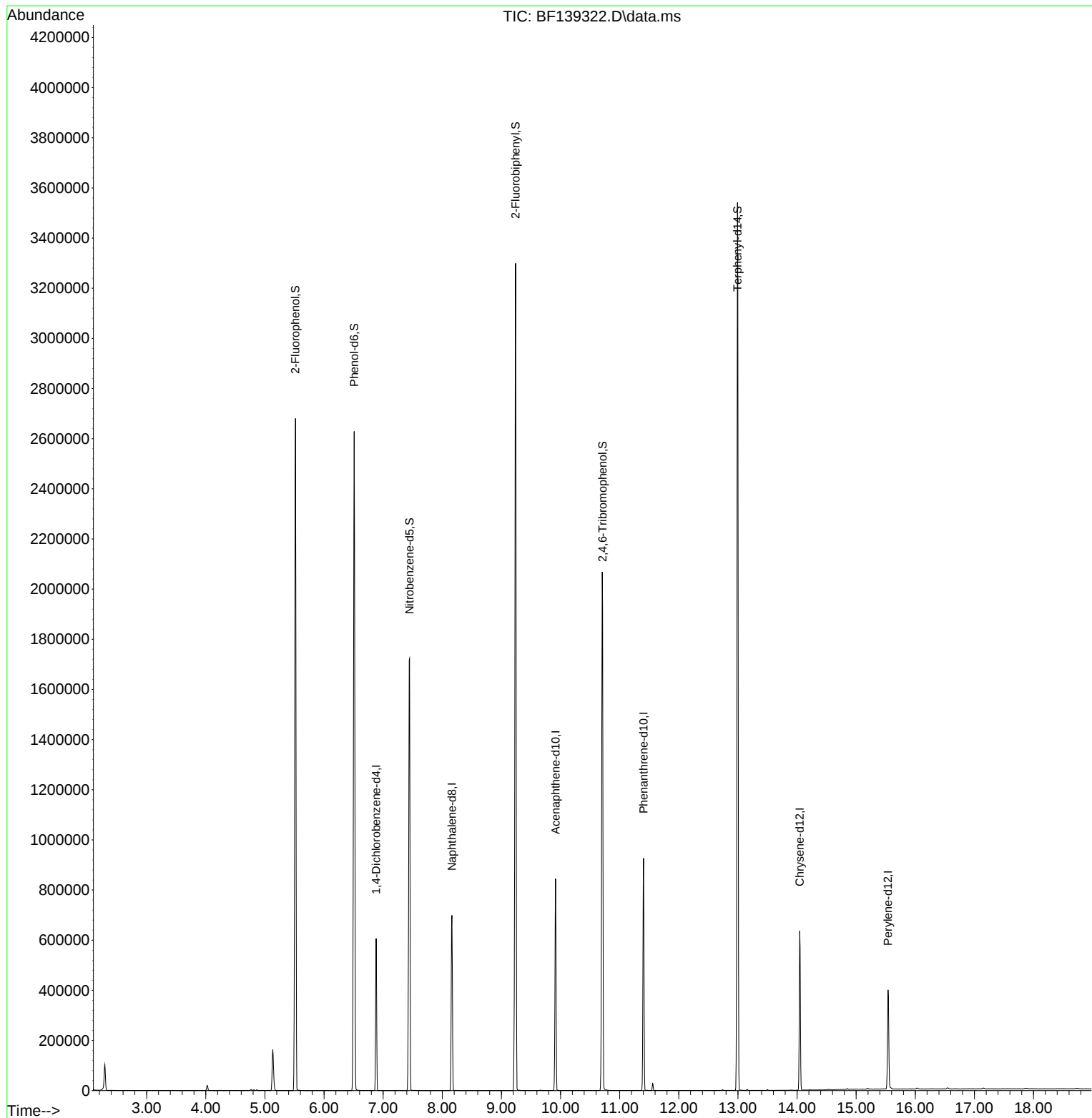
Target Compounds	Qvalue

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

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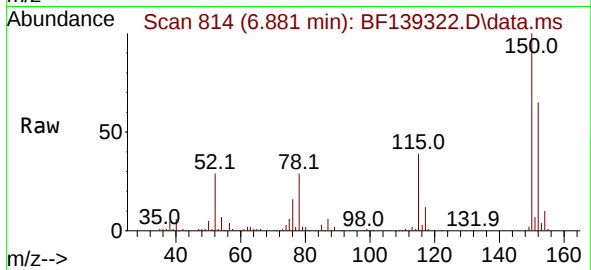
Quant Time: Sep 11 14:03:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
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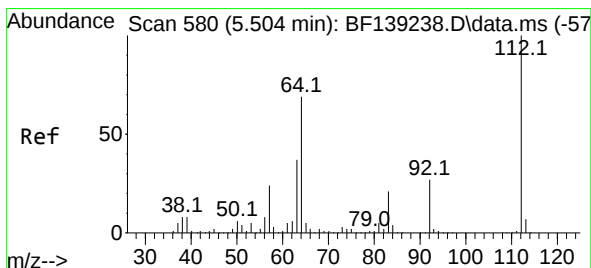
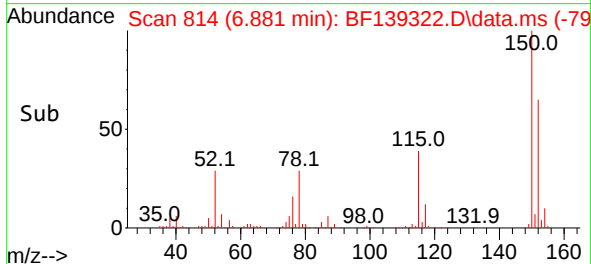
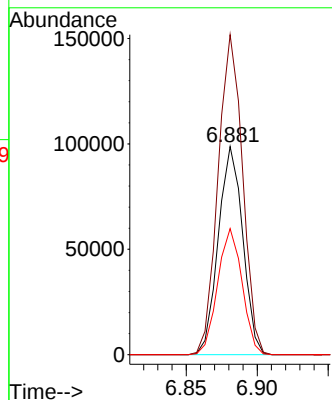


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Instrument :
BNA_F
ClientSampleId :
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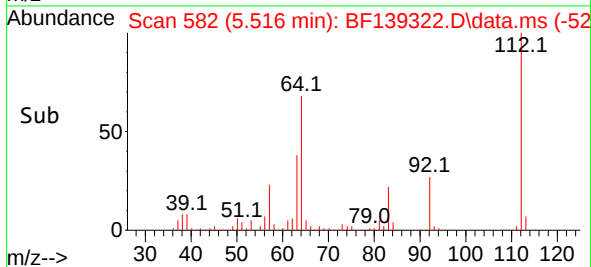
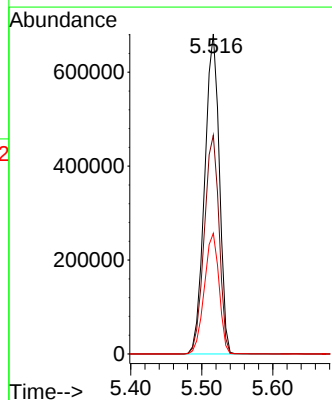
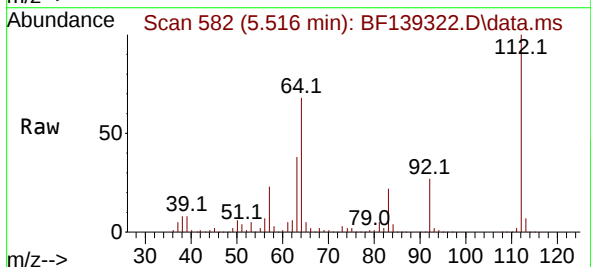


Tgt Ion:152 Resp: 118040
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.4
115 60.5 46.9 70.3



#5
2-Fluorophenol
Concen: 138.899 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Tgt Ion:112 Resp: 980093
Ion Ratio Lower Upper
112 100
64 68.4 55.0 82.4
63 37.7 29.9 44.9



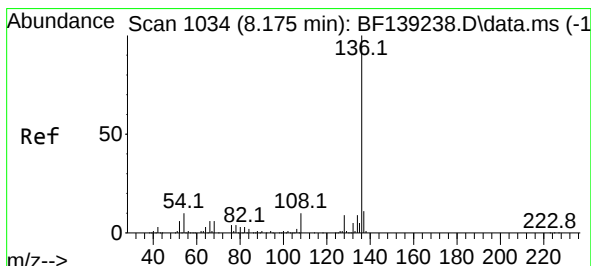
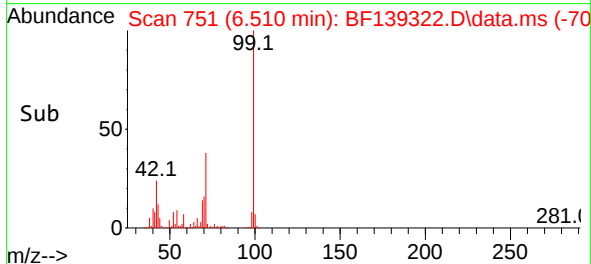
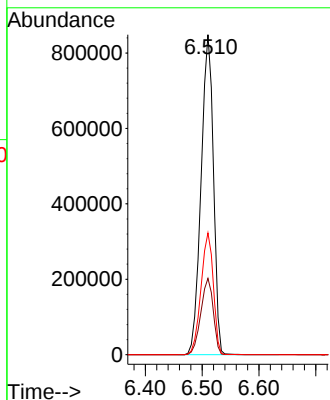
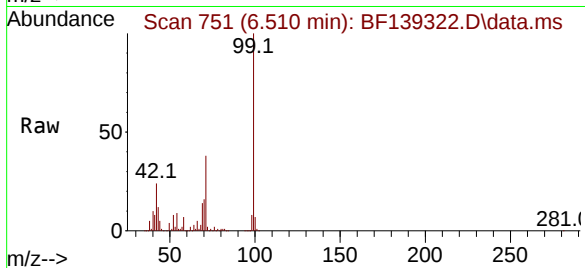


#7
Phenol-d6
Concen: 135.766 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB163205TB

Tgt Ion: 99 Resp: 1278887

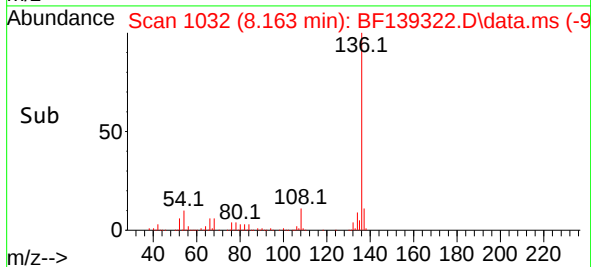
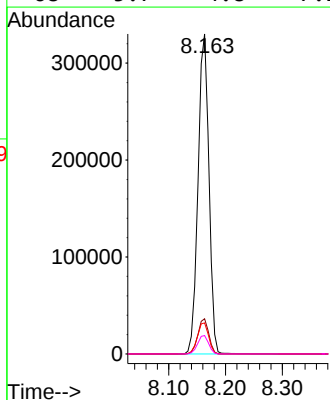
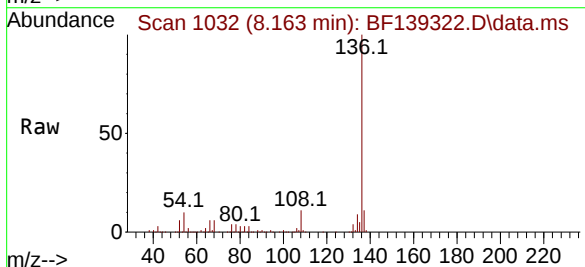
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.6
71	38.1	28.8	43.2

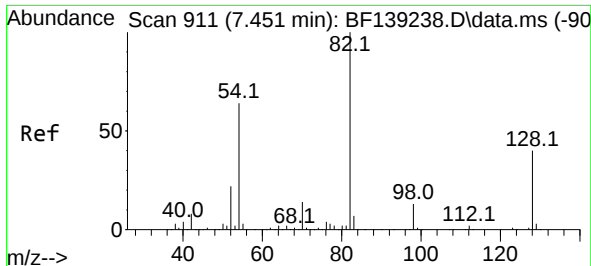


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Tgt Ion: 136 Resp: 441089

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.7	8.4	12.6
68	5.7	4.8	7.2

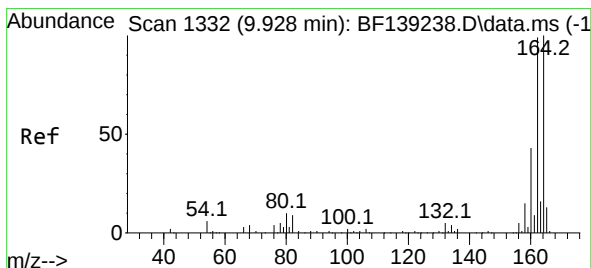
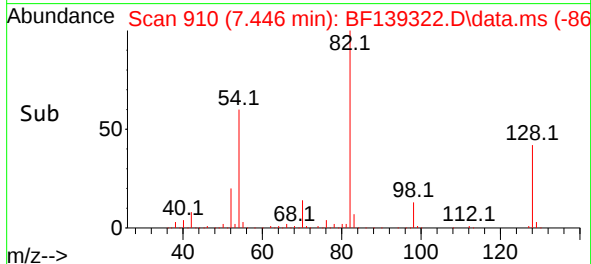
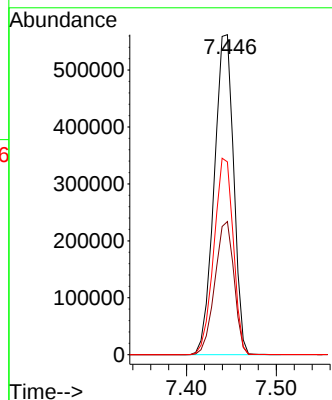
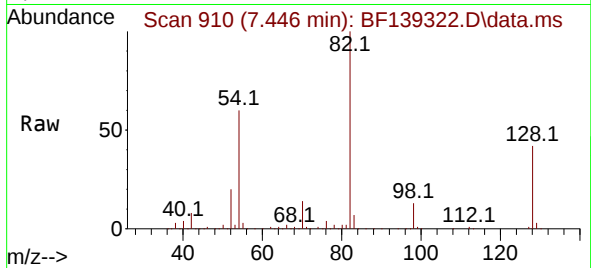




#23
Nitrobenzene-d5
Concen: 100.001 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

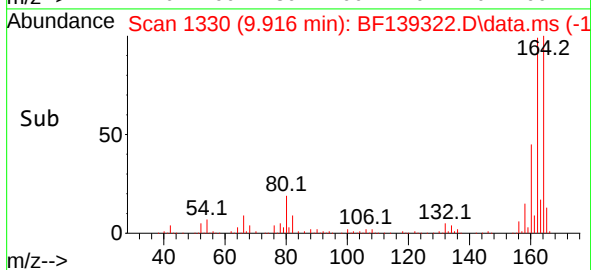
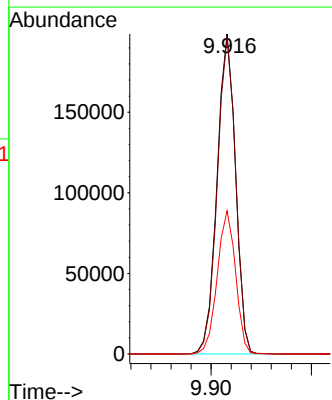
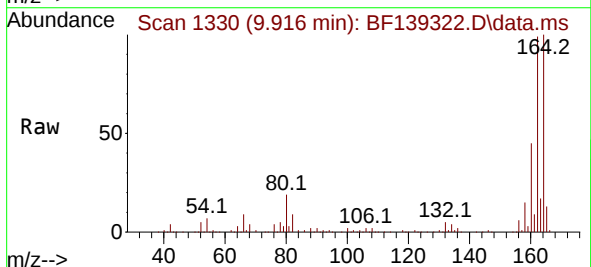
Instrument :
BNA_F
ClientSampleId :
PB163205TB

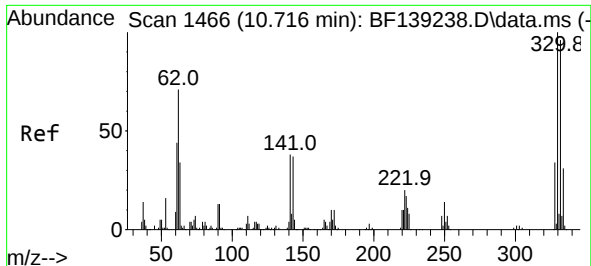
Tgt Ion: 82 Resp: 847887
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 60.2 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Tgt Ion:164 Resp: 253716
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 156.930 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139322.D

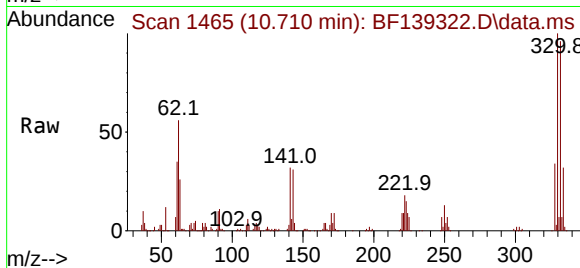
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Instrument :

BNA_F

ClientSampleId :

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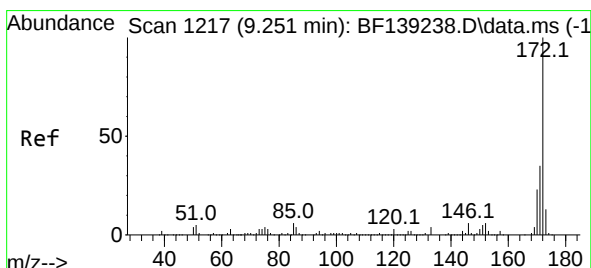
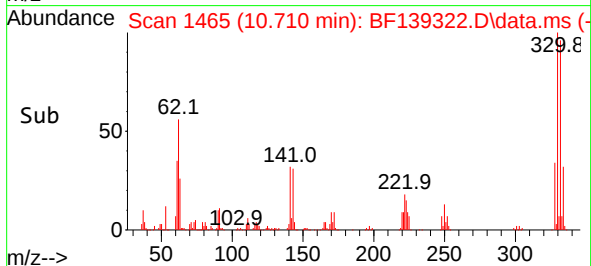
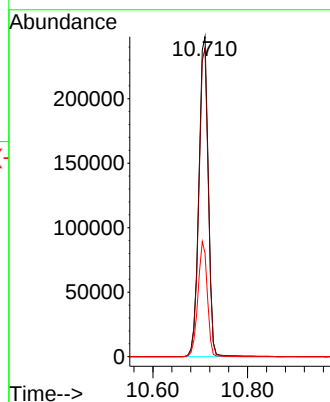
Tgt Ion:330 Resp: 343815

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 96.106 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139322.D

Acq: 11 Sep 2024 13:36

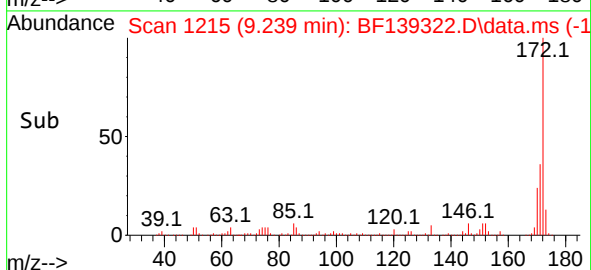
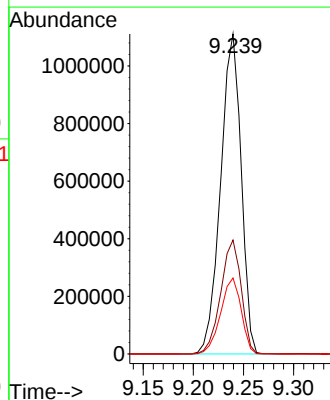
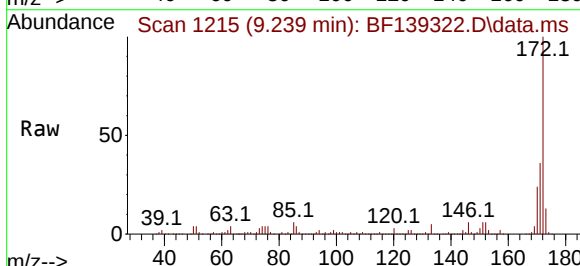
Tgt Ion:172 Resp: 1579610

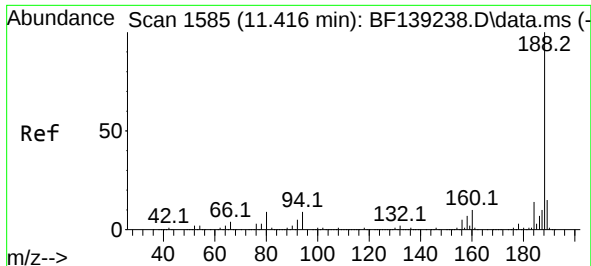
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 18.7 28.1

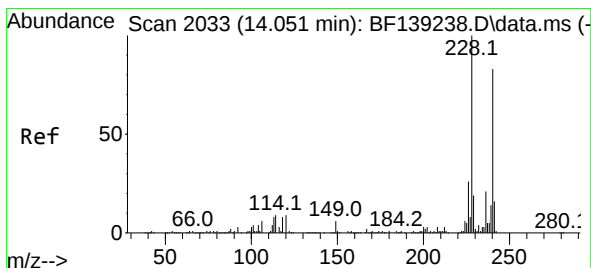
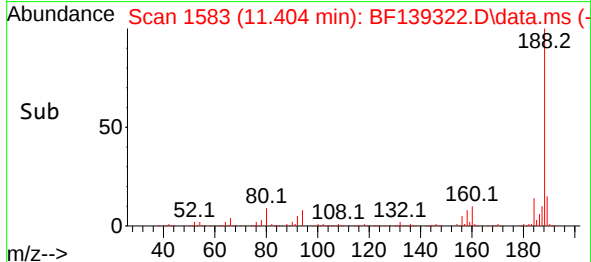
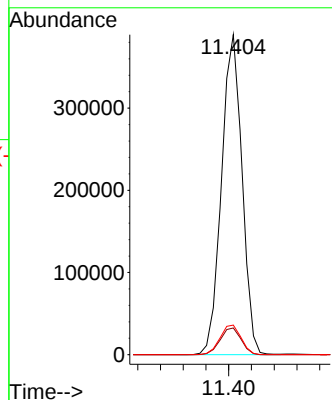
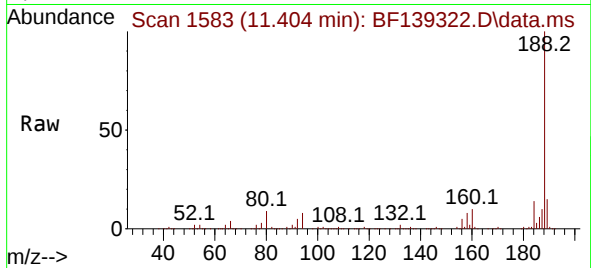




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

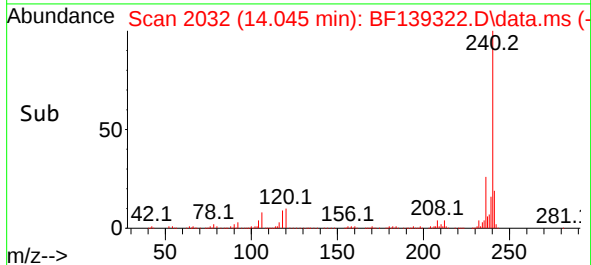
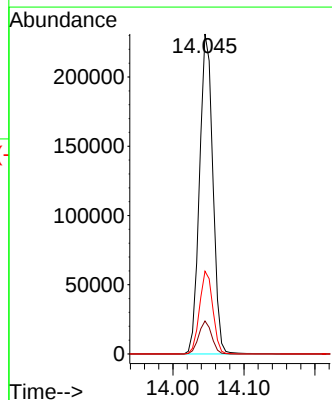
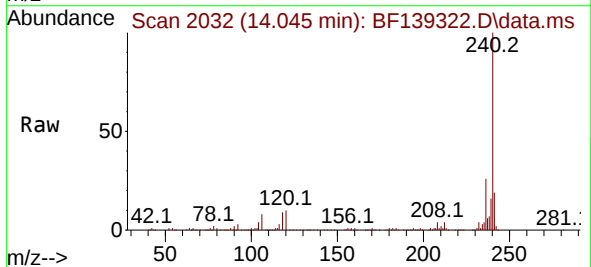
Instrument :
BNA_F
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PB163205TB

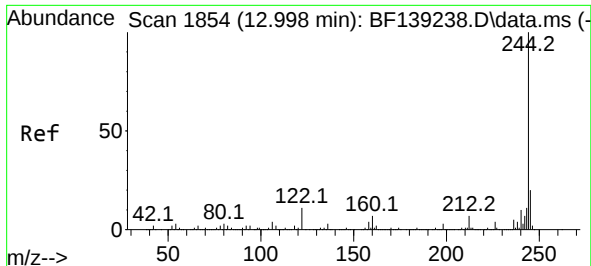
Tgt Ion:188 Resp: 489213
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

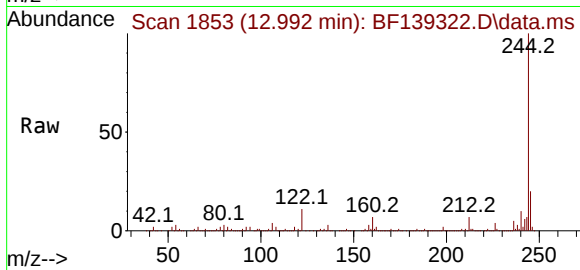
Tgt Ion:240 Resp: 302442
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.8 20.7 31.1



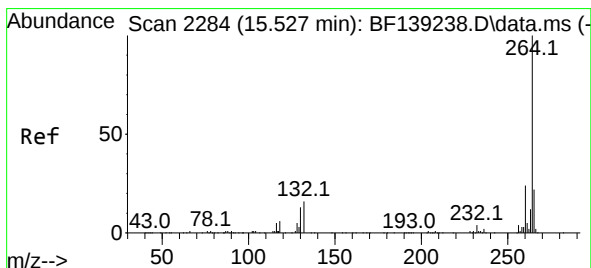
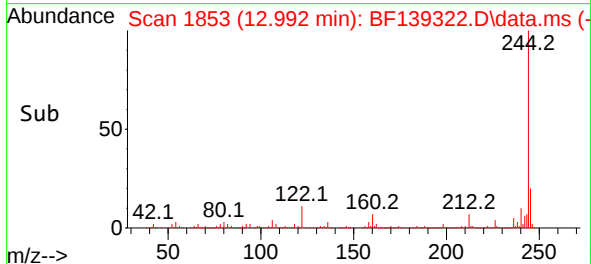
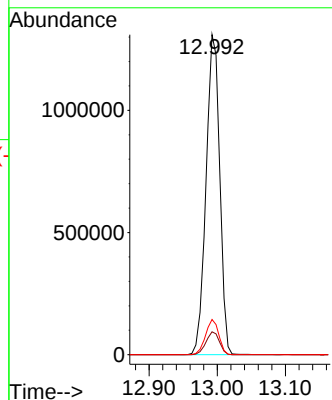


#79
Terphenyl-d14
Concen: 97.469 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB163205TB



Tgt Ion:244 Resp: 1825788
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.0 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BF139322.D
Acq: 11 Sep 2024 13:36

Tgt Ion:264 Resp: 233324
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.5 17.3 25.9

