

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139532.D
 Acq On : 25 Sep 2024 16:40
 Operator : RC/JU
 Sample : PB163665BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163665BL

Quant Time: Sep 25 17:18:30 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	69594	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	252876	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	135217	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	253266	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	151018	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	126891	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	635735	149.022	ng	0.01
7) Phenol-d6	6.510	99	815091	145.566	ng	0.00
23) Nitrobenzene-d5	7.440	82	540628	100.507	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	187080	129.957	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	952953	98.844	ng	0.00
79) Terphenyl-d14	12.986	244	1001622	108.865	ng	0.00

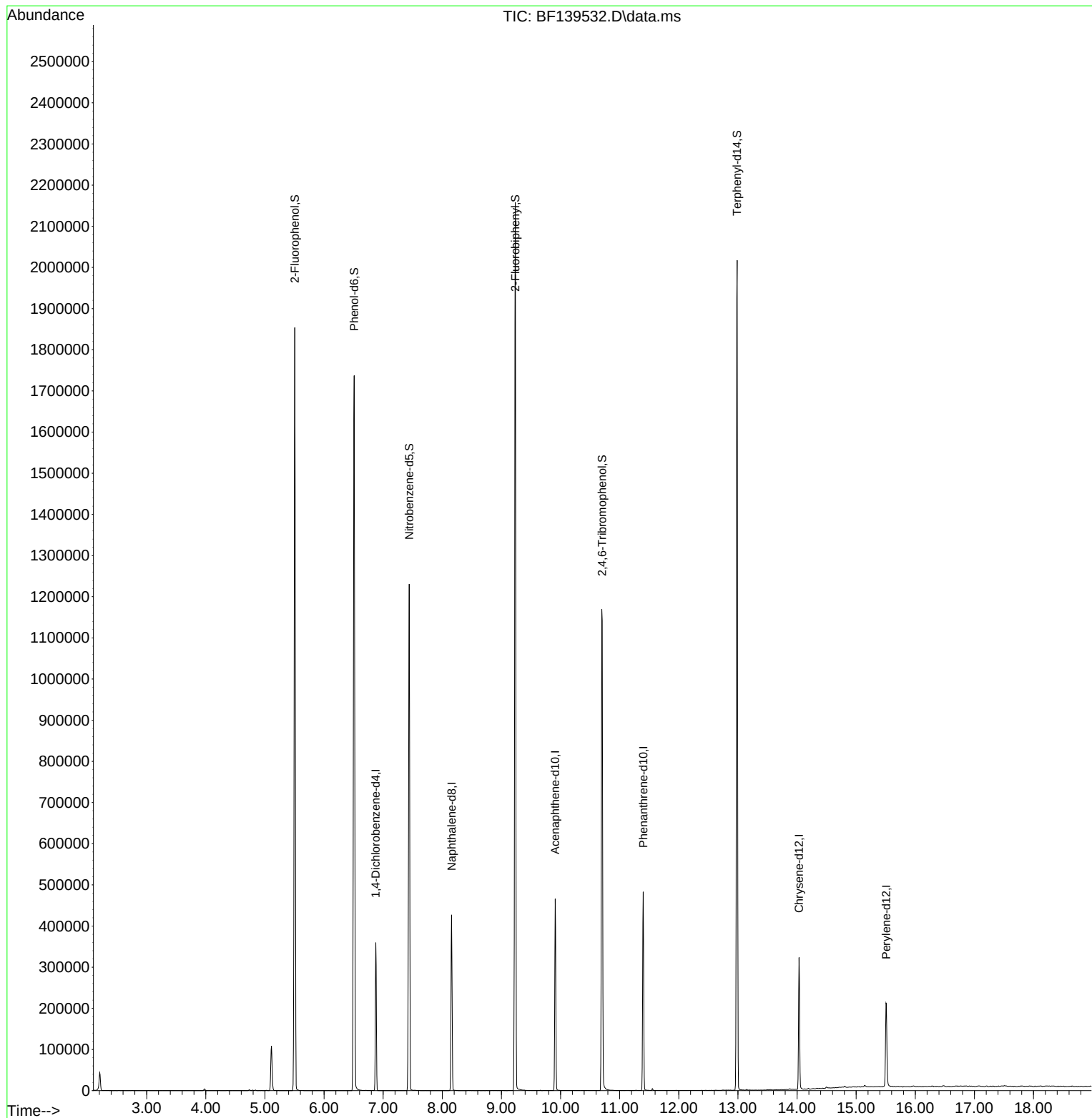
Target Compounds	Qvalue

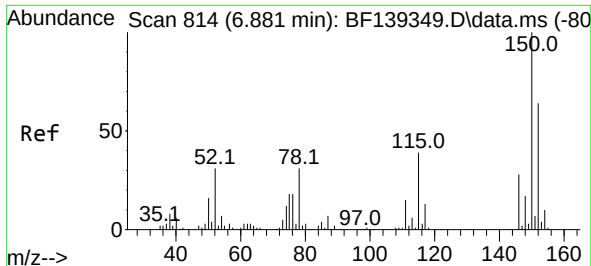
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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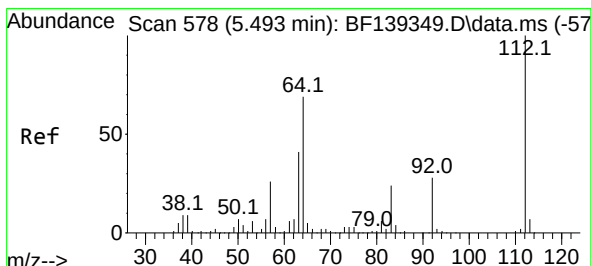
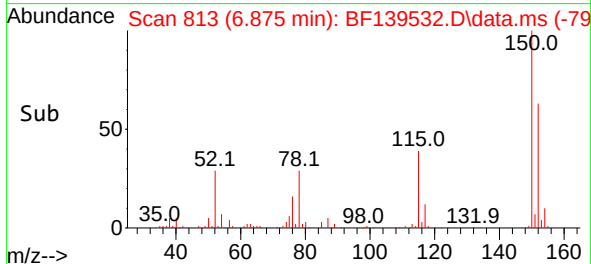
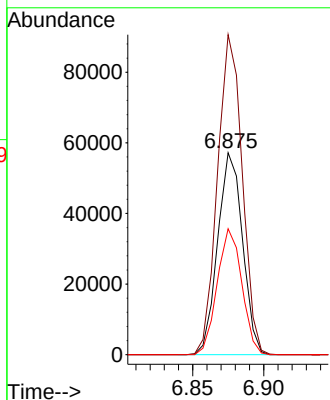
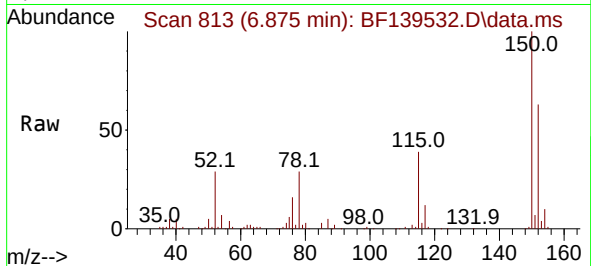




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

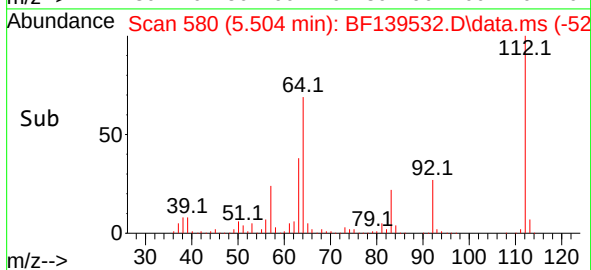
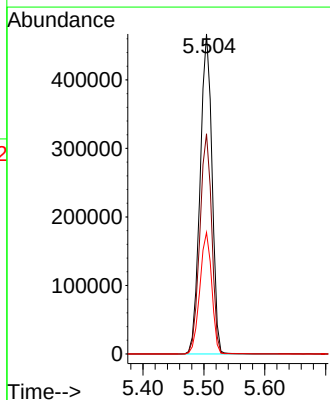
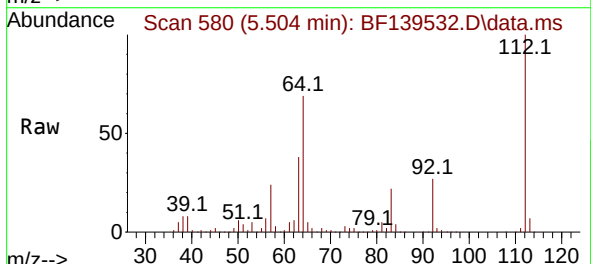
Instrument :
BNA_F
ClientSampleId :
PB163665BL

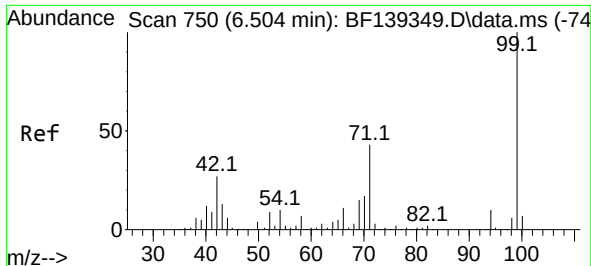
Tgt Ion:152 Resp: 69594
Ion Ratio Lower Upper
152 100
150 158.5 124.1 186.1
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 149.022 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

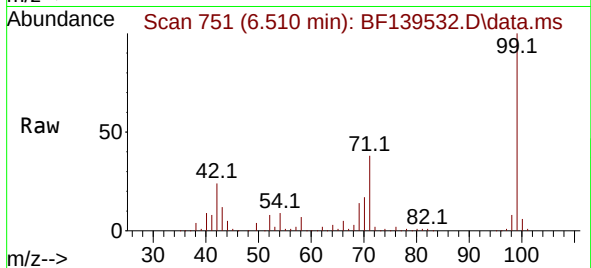
Tgt Ion:112 Resp: 635735
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 37.9 33.0 49.4



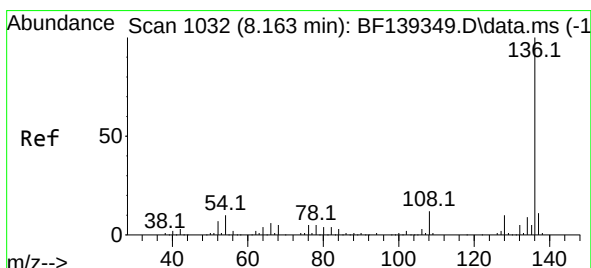
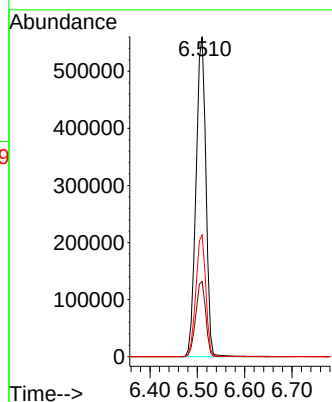
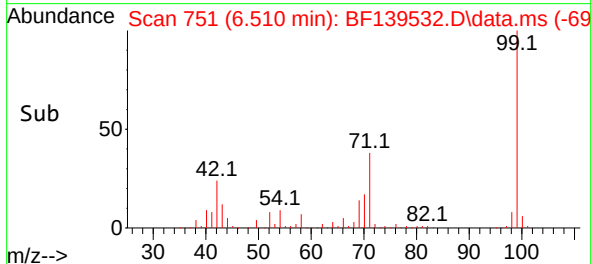


#7
Phenol-d6
Concen: 145.566 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

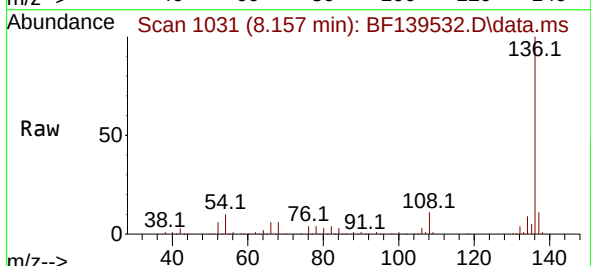
Instrument :
BNA_F
ClientSampleId :
PB163665BL



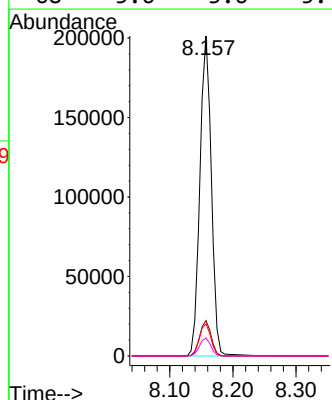
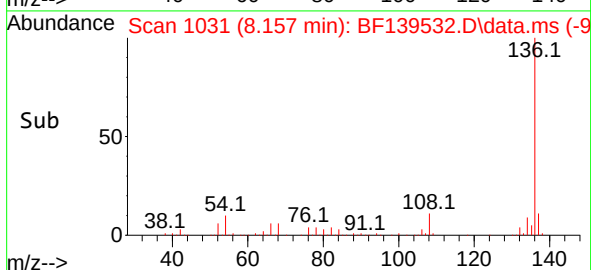
Tgt Ion: 99 Resp: 815091
Ion Ratio Lower Upper
99 100
42 23.5 21.9 32.9
71 38.0 34.6 52.0

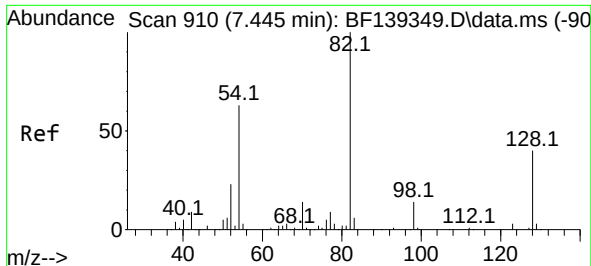


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40



Tgt Ion: 136 Resp: 252876
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 7.8 11.8
68 5.6 3.6 5.4





#23

Nitrobenzene-d5

Concen: 100.507 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB163665BL

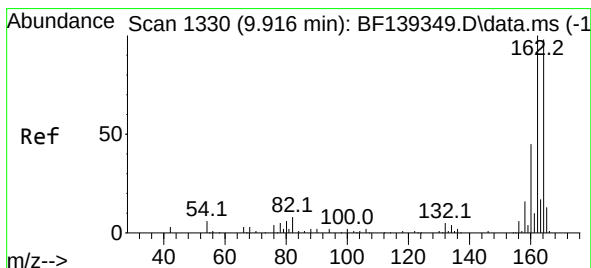
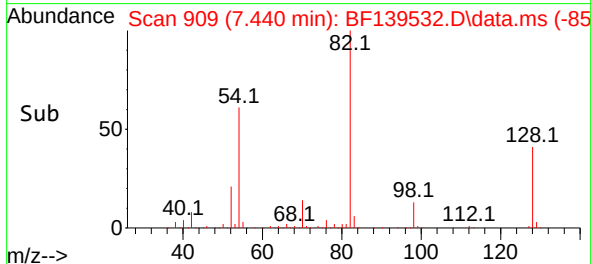
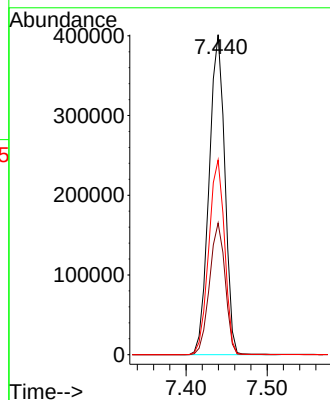
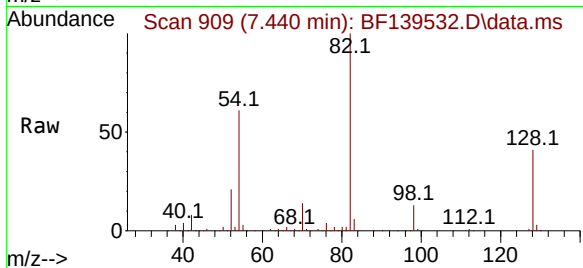
Tgt Ion: 82 Resp: 540628

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.6

54 60.8 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: BF139532.D

Acq: 25 Sep 2024 16:40

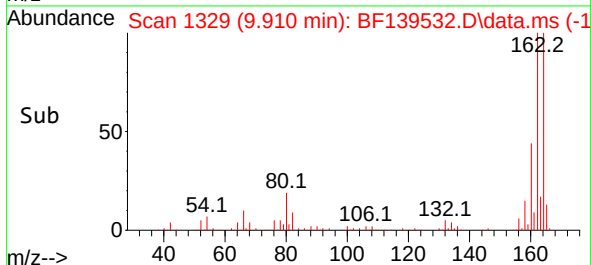
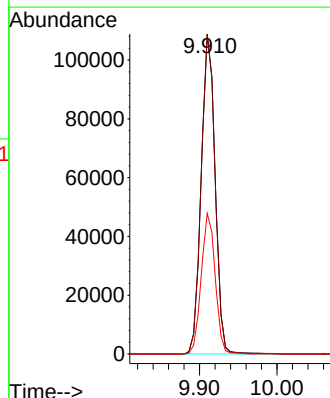
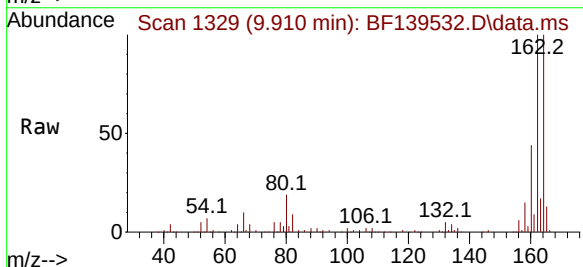
Tgt Ion:164 Resp: 135217

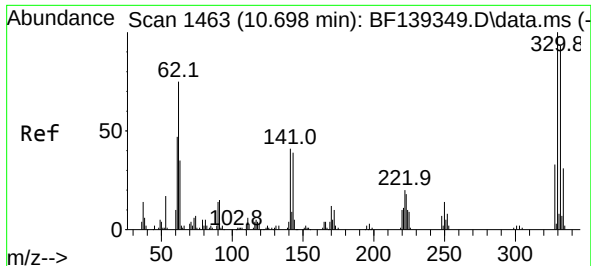
Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 44.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 129.957 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB163665BL

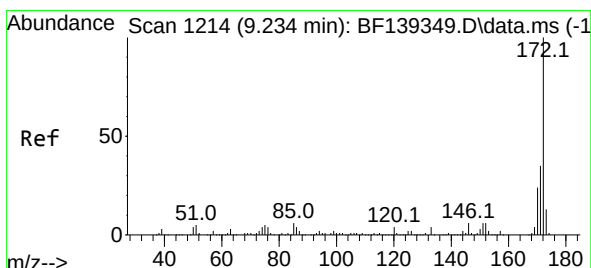
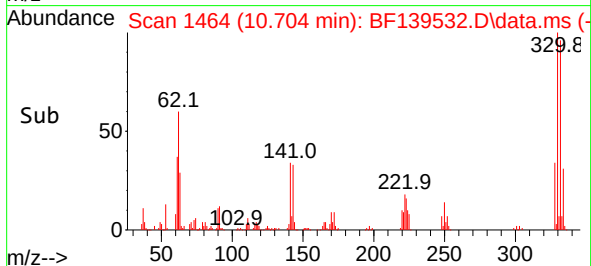
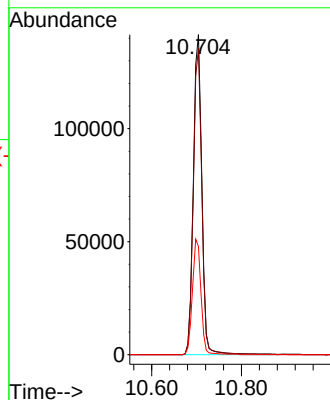
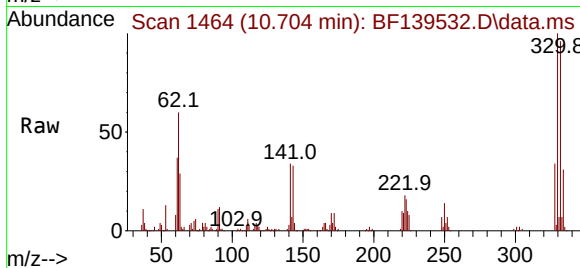
Tgt Ion:330 Resp: 187080

Ion Ratio Lower Upper

330 100

332 95.8 75.2 112.8

141 36.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 98.844 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

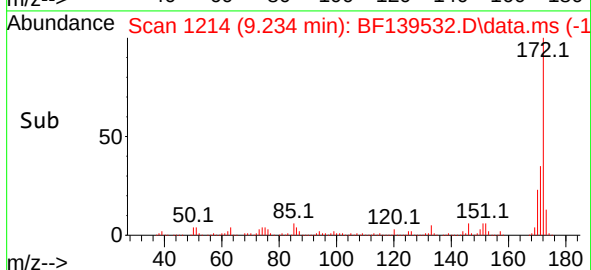
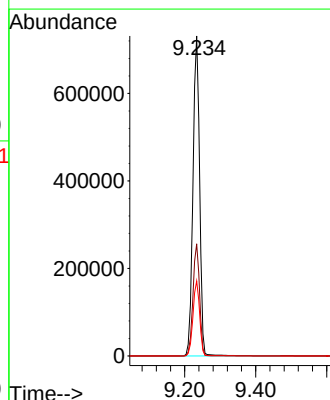
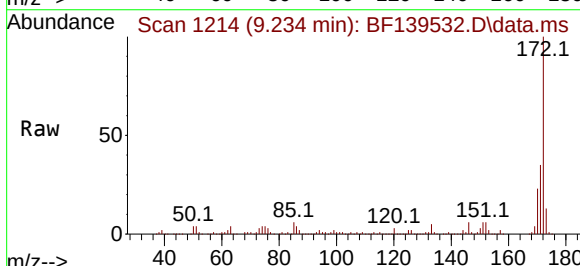
Tgt Ion:172 Resp: 952953

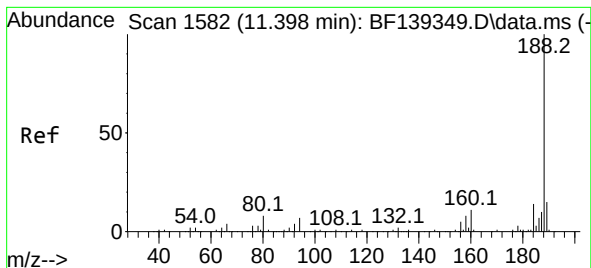
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB163665BL

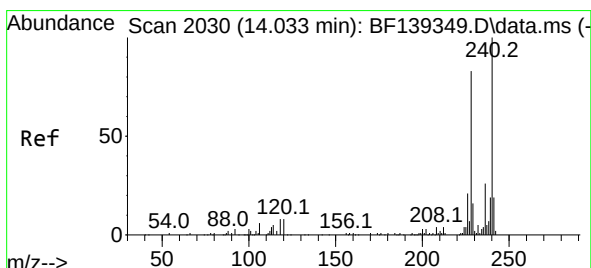
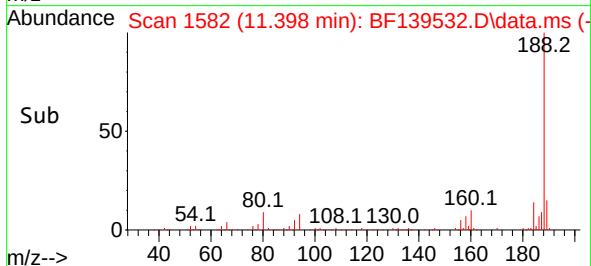
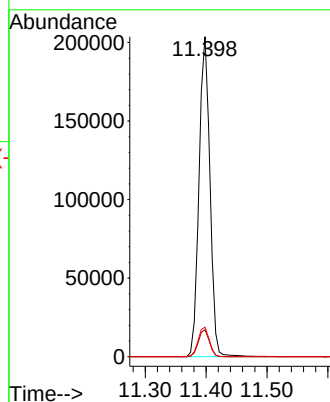
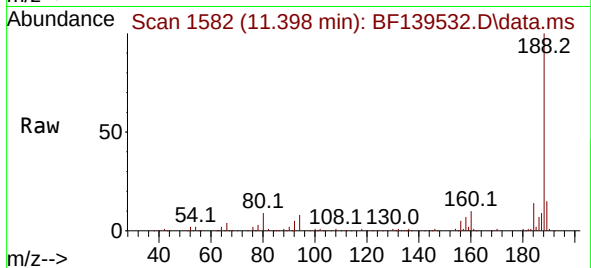
Tgt Ion:188 Resp: 253266

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.2 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: BF139532.D

Acq: 25 Sep 2024 16:40

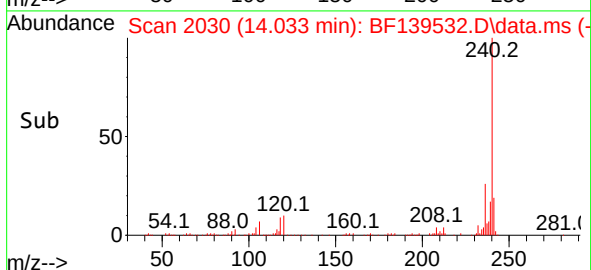
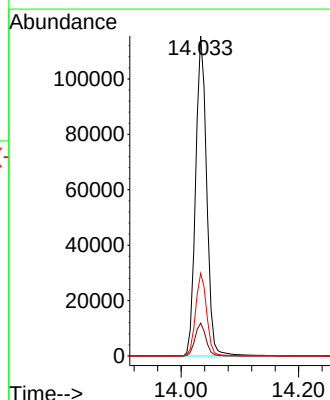
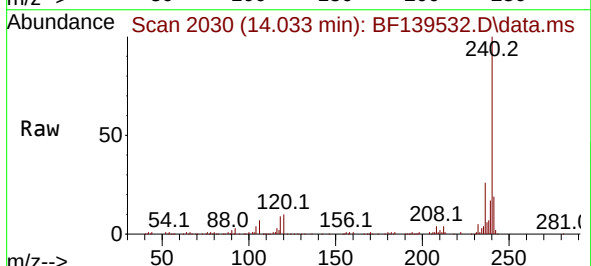
Tgt Ion:240 Resp: 151018

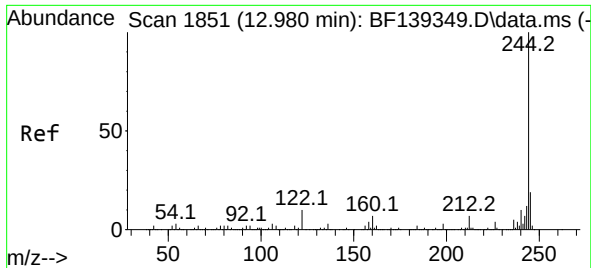
Ion Ratio Lower Upper

240 100

120 10.3 6.2 9.2#

236 25.8 20.9 31.3

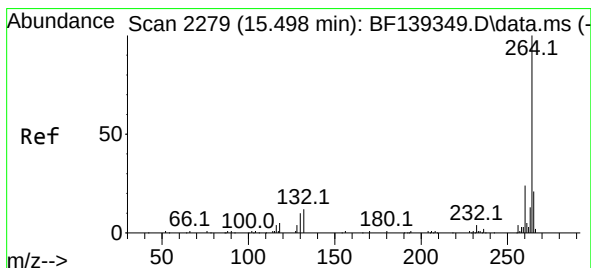
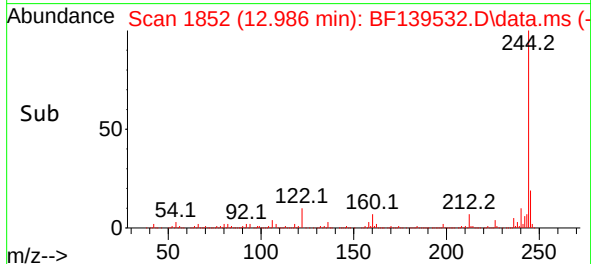
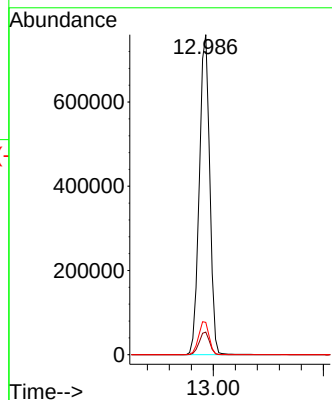
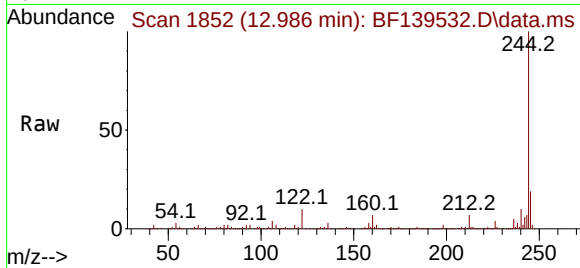




#79
 Terphenyl-d14
 Concen: 108.865 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139532.D
 Acq: 25 Sep 2024 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB163665BL

Tgt Ion:244 Resp: 1001622
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.1 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: BF139532.D
 Acq: 25 Sep 2024 16:40

Tgt Ion:264 Resp: 126891
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.8 16.6 25.0

