

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139575.D
 Acq On : 30 Sep 2024 13:24
 Operator : RC/JU
 Sample : PB163688TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163688TB

Quant Time: Sep 30 14:15:45 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	6.863	152	84791	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	318811	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	176538	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	343782	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	215192	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	169799	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	696250	133.956	ng	0.00
7) Phenol-d6	6.498	99	912861	133.807	ng	0.00
23) Nitrobenzene-d5	7.428	82	599857	88.454	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	225079	119.757	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1100524	87.432	ng	-0.02
79) Terphenyl-d14	12.968	244	1261174	96.197	ng	-0.01

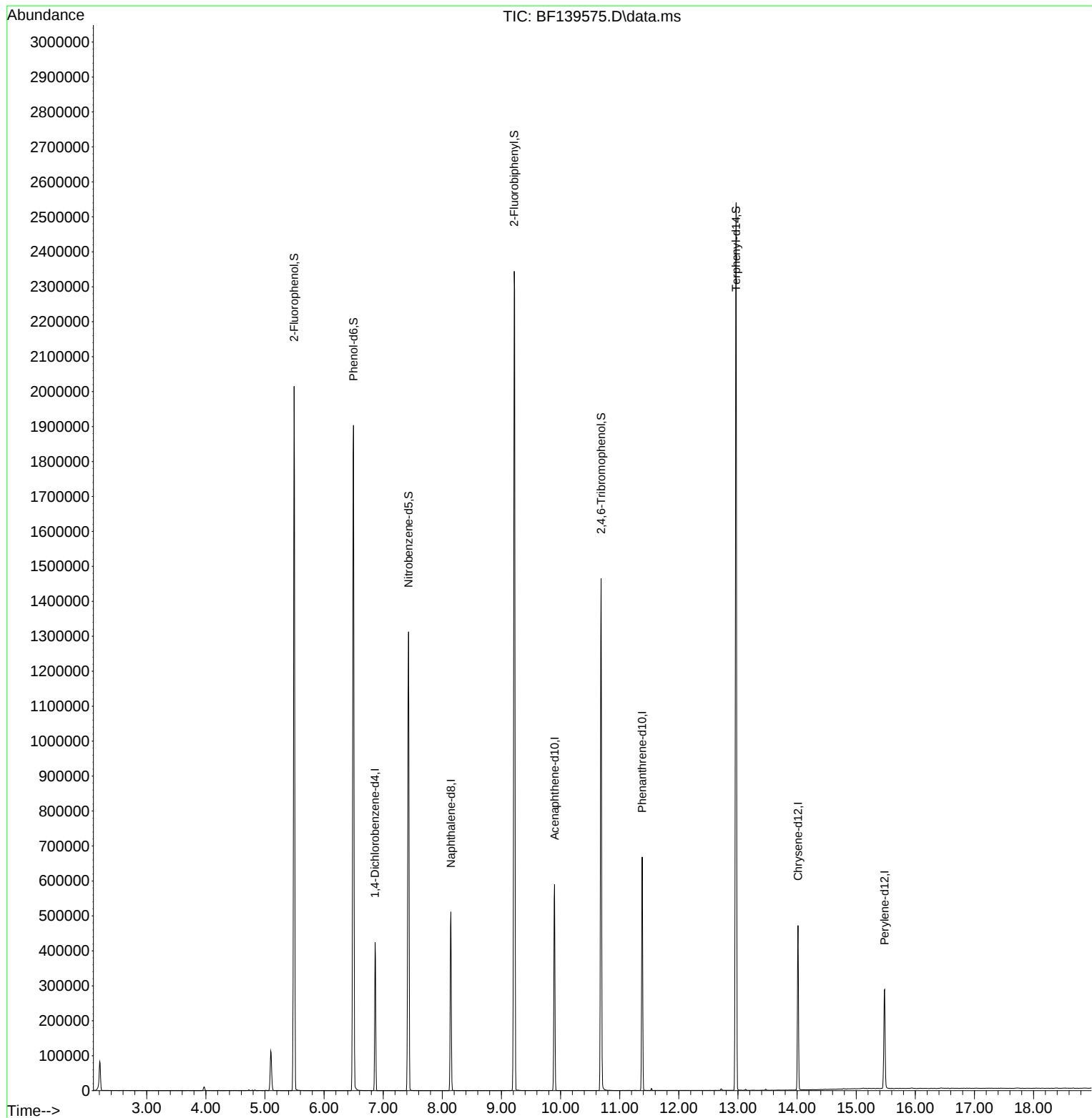
Target Compounds	Qvalue

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

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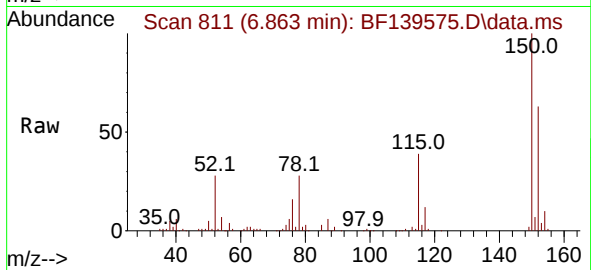
Quant Time: Sep 30 14:15:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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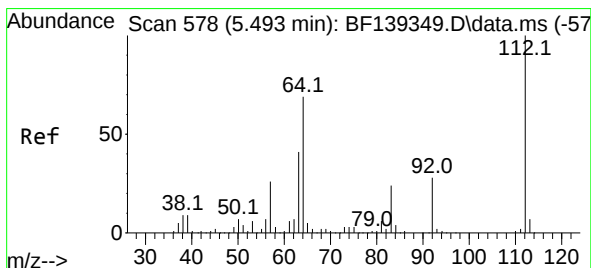
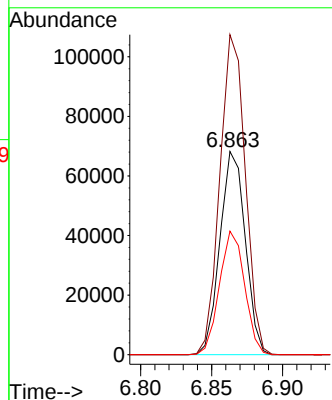
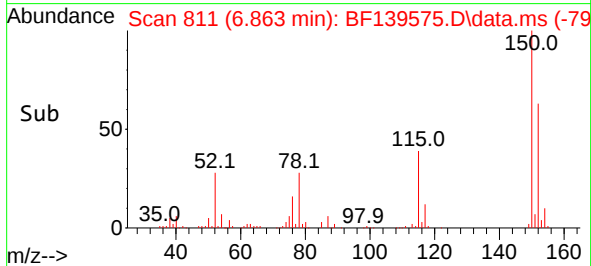


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Instrument :
BNA_F
ClientSampleId :
PB163688TB

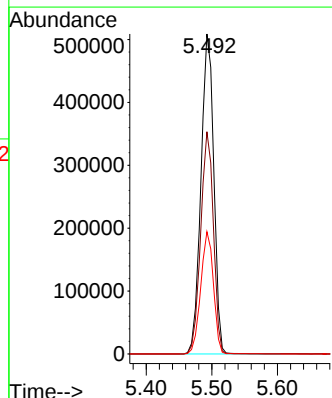
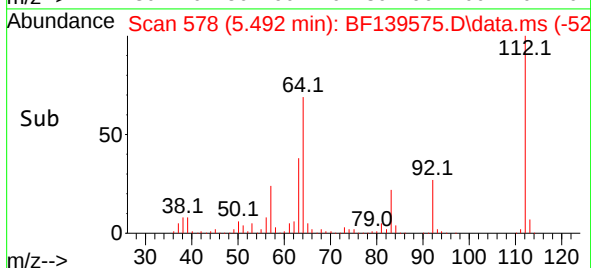
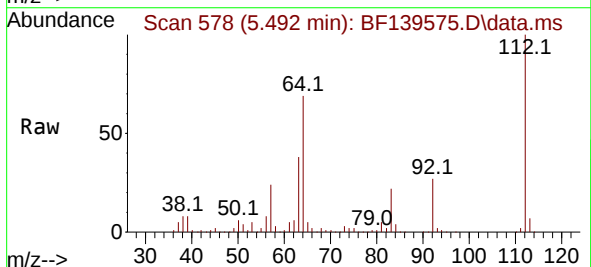


Tgt Ion:152 Resp: 84791
Ion Ratio Lower Upper
152 100
150 157.5 124.1 186.1
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 133.956 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

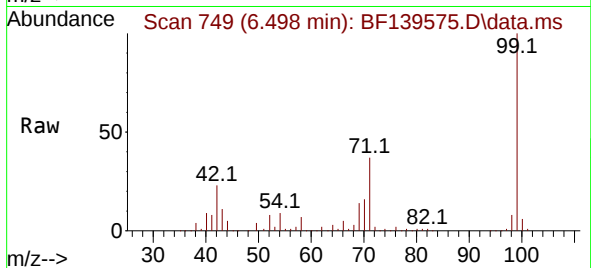
Tgt Ion:112 Resp: 696250
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 38.2 33.0 49.4





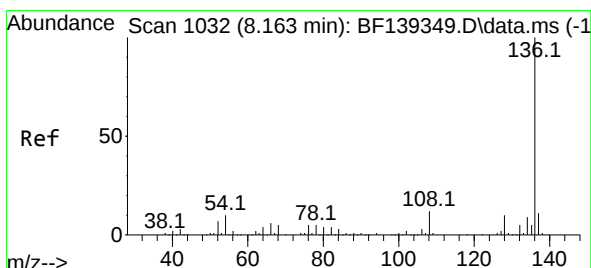
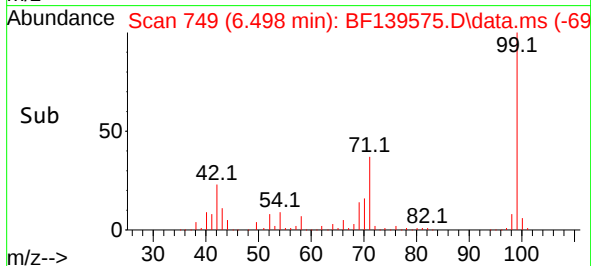
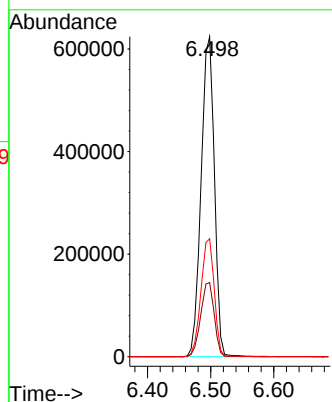
#7
Phenol-d6
Concen: 133.807 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Instrument :
BNA_F
ClientSampleId :
PB163688TB



Tgt Ion: 99 Resp: 912861

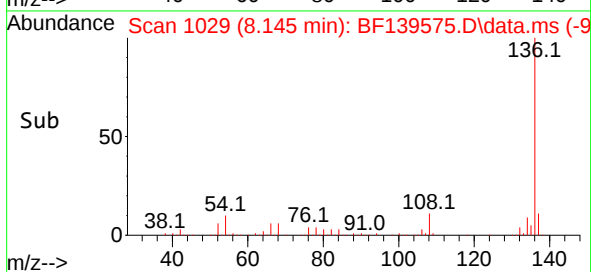
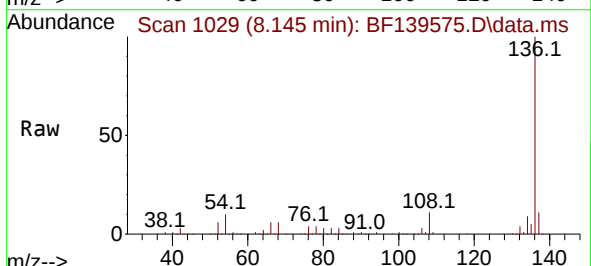
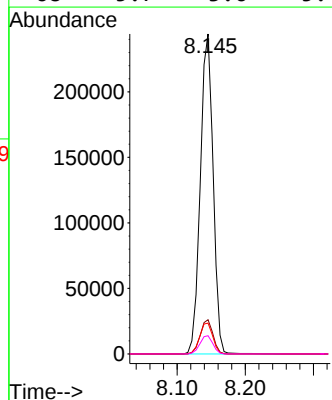
Ion	Ratio	Lower	Upper
99	100		
42	23.1	21.9	32.9
71	36.9	34.6	52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion: 136 Resp: 318811

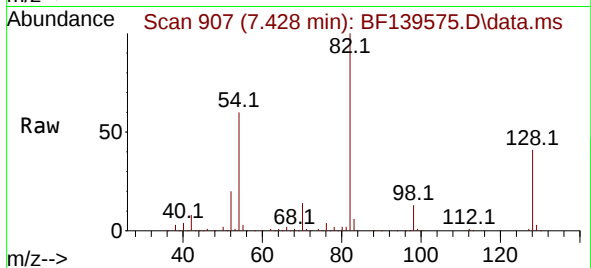
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.7	7.8	11.8
68	5.7	3.6	5.4



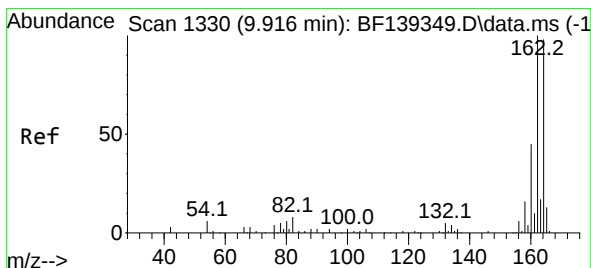
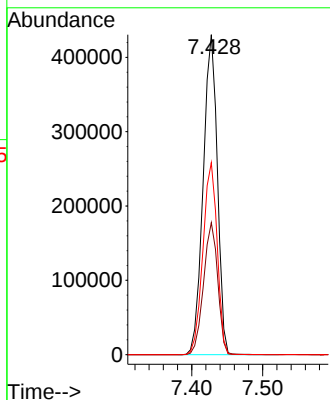
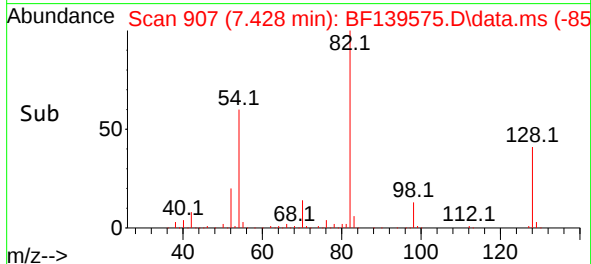


#23
Nitrobenzene-d5
Concen: 88.454 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Instrument :
BNA_F
ClientSampleId :
PB163688TB

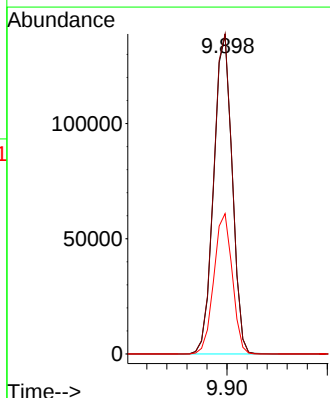
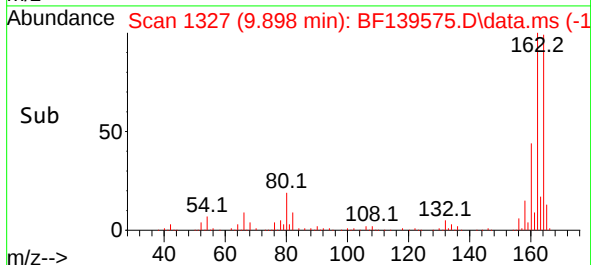
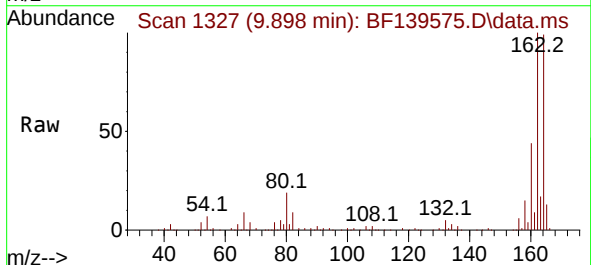


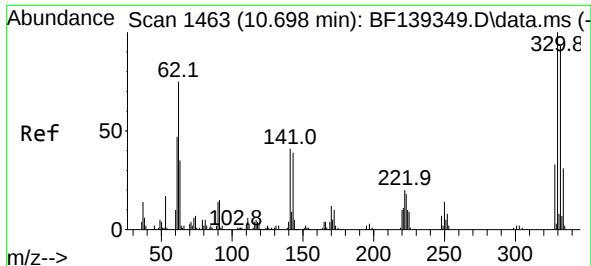
Tgt Ion: 82 Resp: 599857
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 60.0 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion:164 Resp: 176538
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 119.757 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139575.D

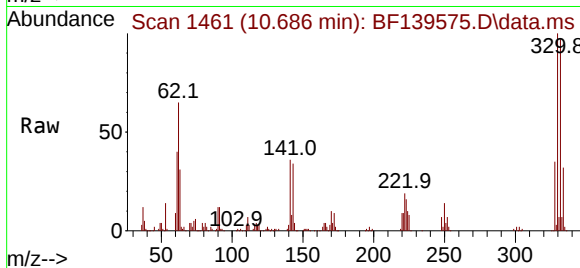
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Instrument :

BNA_F

ClientSampleId :

PB163688TB



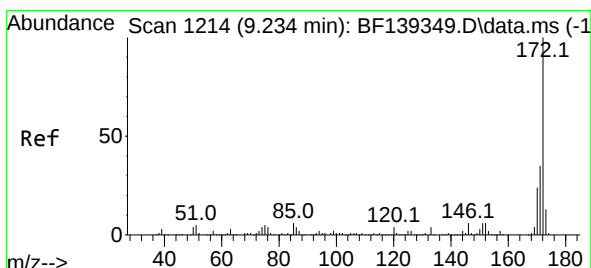
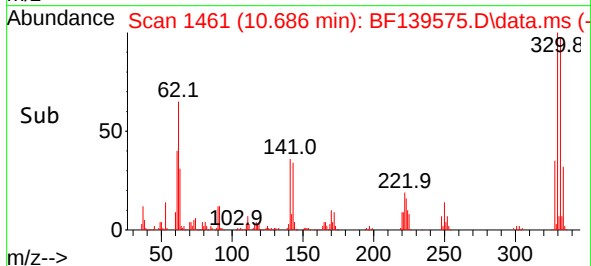
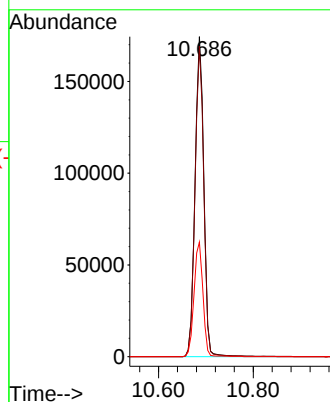
Tgt Ion:330 Resp: 225079

Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 36.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 87.432 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF139575.D

Acq: 30 Sep 2024 13:24

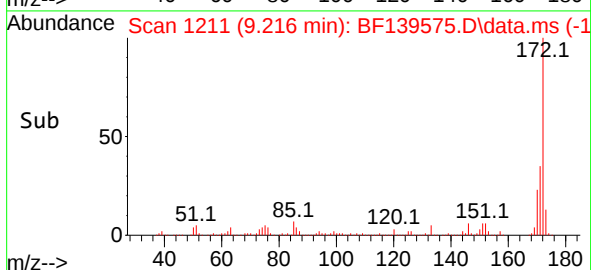
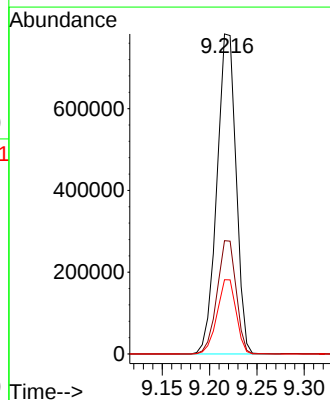
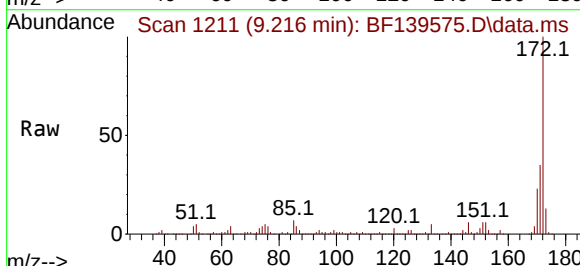
Tgt Ion:172 Resp: 1100524

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6

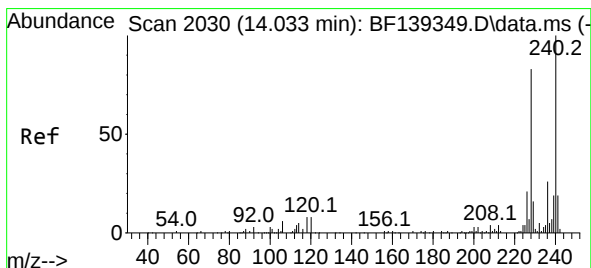
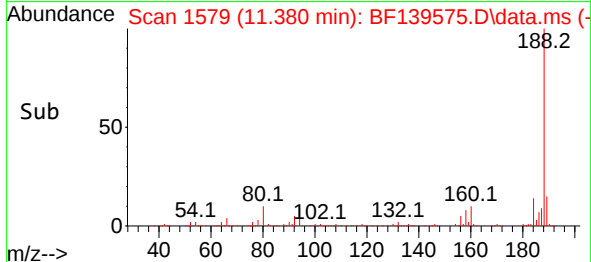
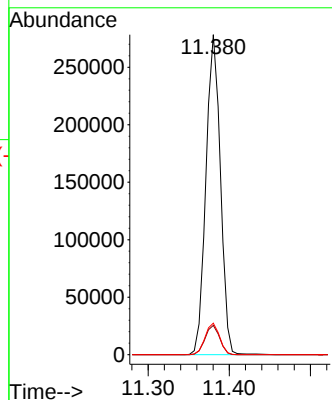
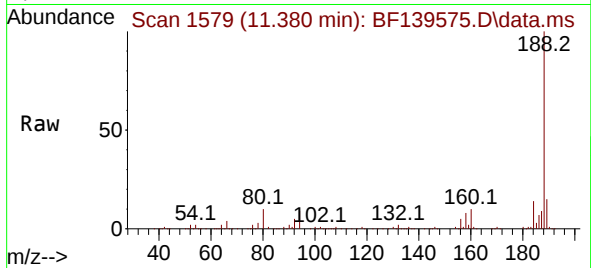




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

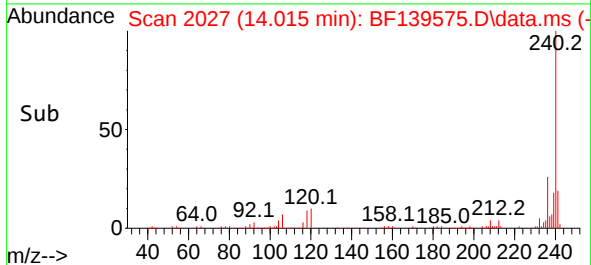
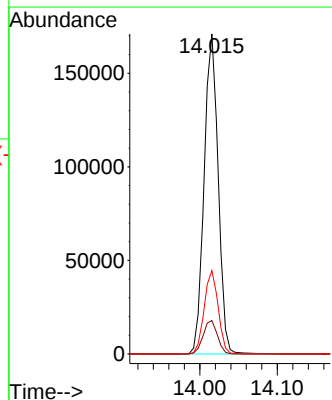
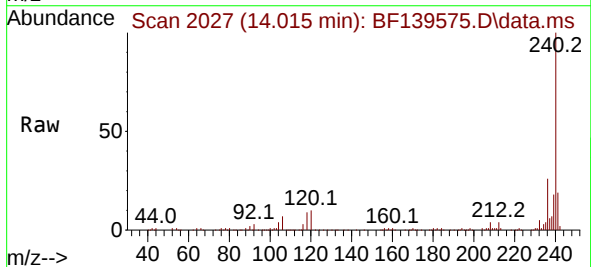
Instrument :
BNA_F
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PB163688TB

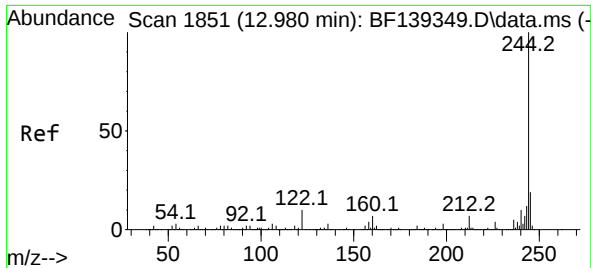
Tgt Ion:188 Resp: 343782
Ion Ratio Lower Upper
188 100
94 9.2 5.5 8.3#
80 9.8 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

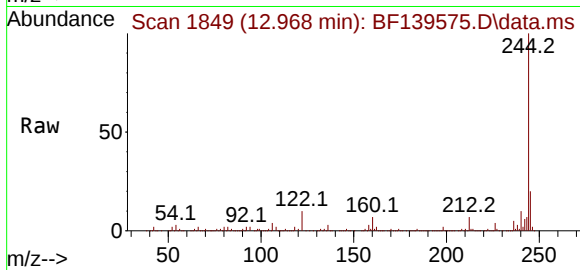
Tgt Ion:240 Resp: 215192
Ion Ratio Lower Upper
240 100
120 10.4 6.2 9.2#
236 26.0 20.9 31.3



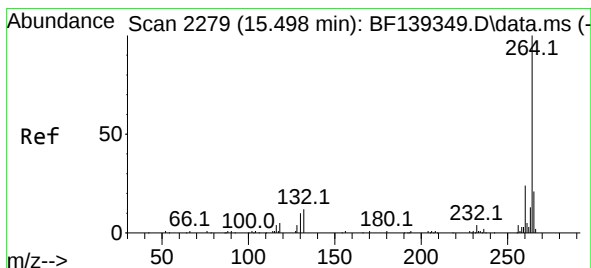
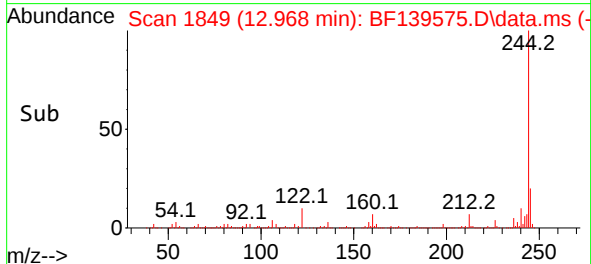
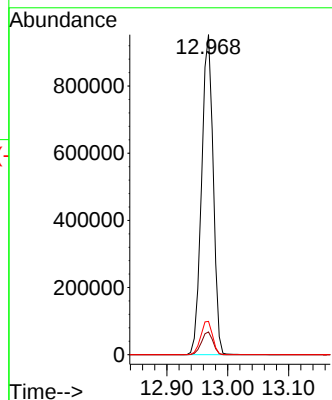


#79
Terphenyl-d14
Concen: 96.197 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Instrument :
BNA_F
ClientSampleId :
PB163688TB



Tgt Ion:244 Resp: 1261174
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.4 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion:264 Resp: 169799
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.3 16.6 25.0

