

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139429.D
 Acq On : 18 Sep 2024 16:49
 Operator : RC/JU
 Sample : PB163486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BL

Quant Time: Sep 18 17:32:43 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	73285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	273770	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	157058	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	304278	20.000	ng	0.00
76) Chrysene-d12	14.027	240	175418	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	138455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	592577	131.909	ng	0.02
7) Phenol-d6	6.504	99	777972	131.939	ng	0.00
23) Nitrobenzene-d5	7.439	82	534744	91.826	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214510	128.290	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1025755	91.599	ng	0.00
79) Terphenyl-d14	12.980	244	1099203	102.853	ng	0.00

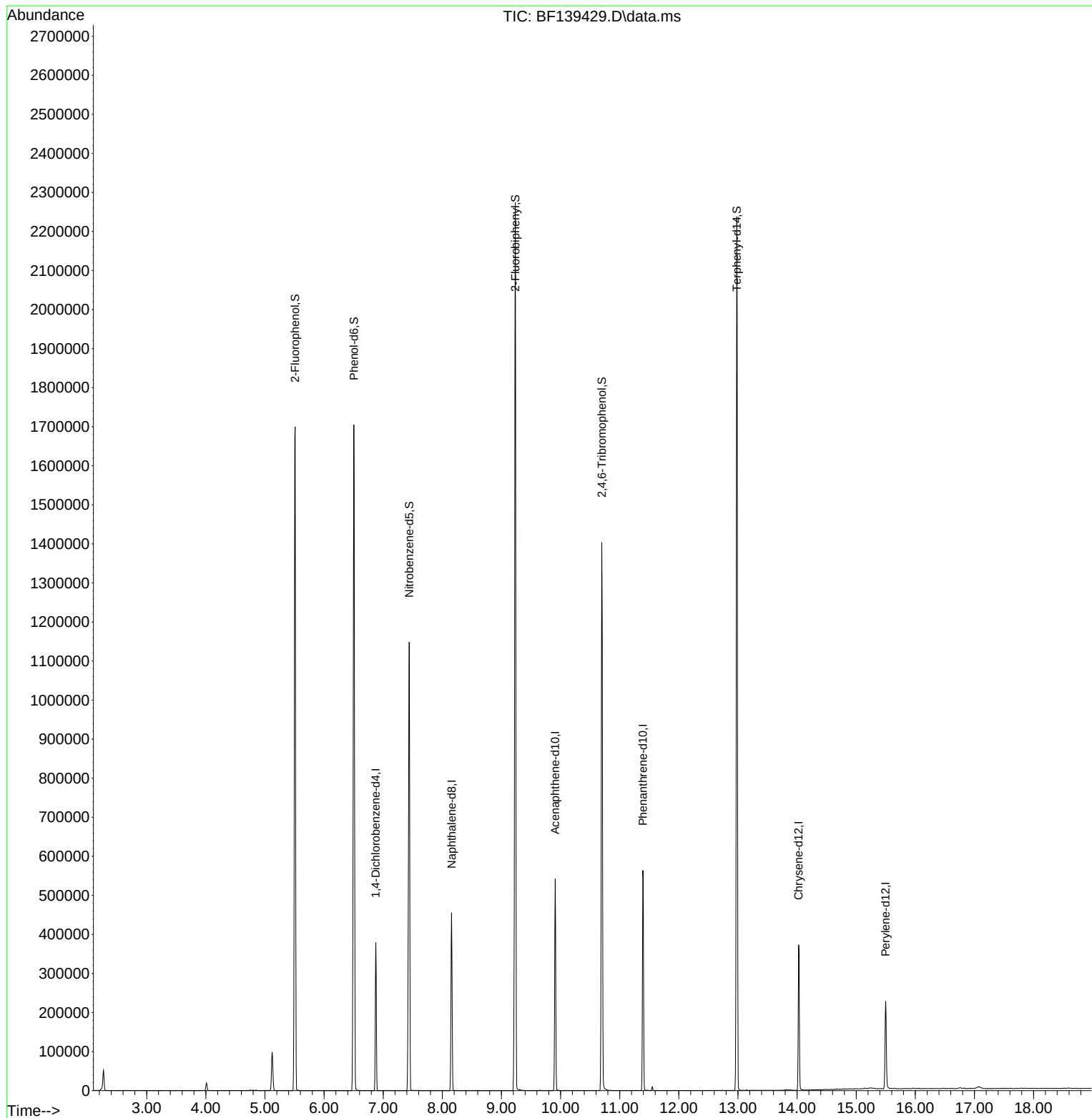
Target Compounds	Qvalue

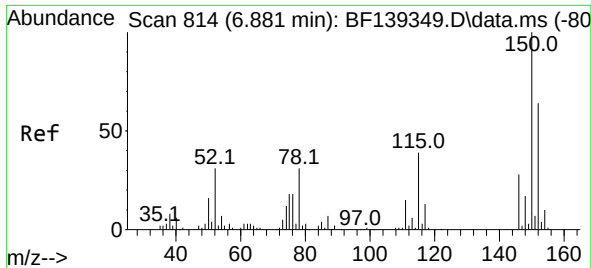
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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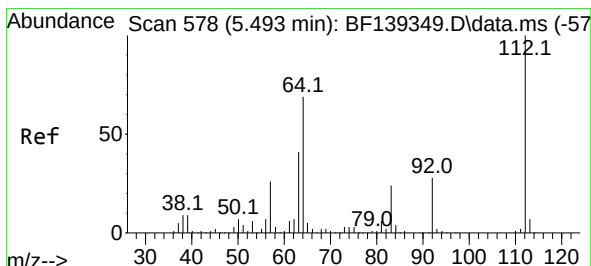
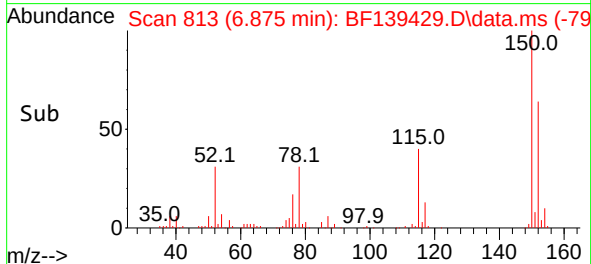
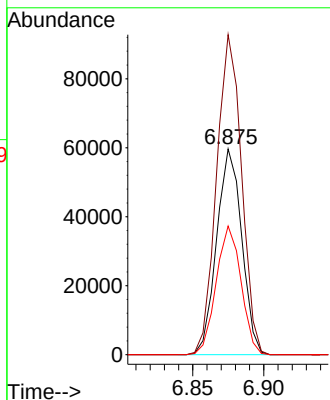
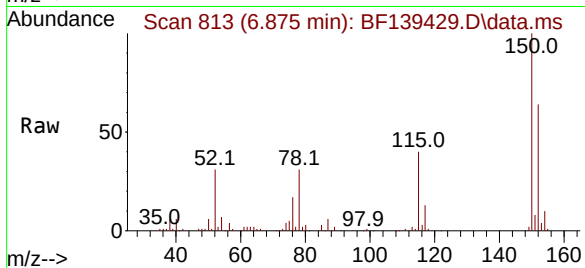




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

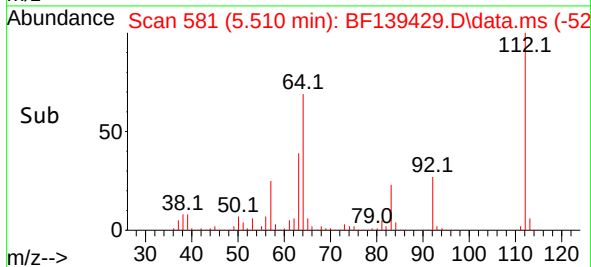
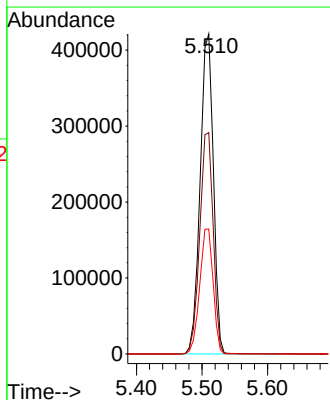
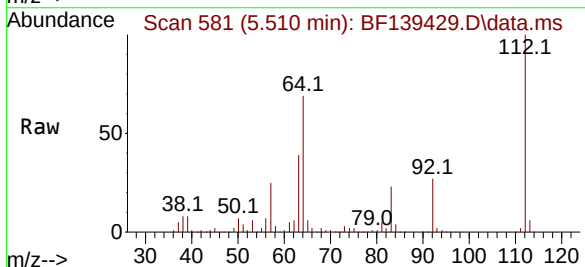
Instrument :
BNA_F
ClientSampleId :
PB163486BL

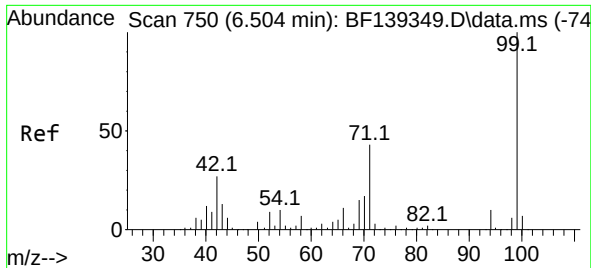
Tgt Ion:152 Resp: 73285
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 131.909 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

Tgt Ion:112 Resp: 592577
Ion Ratio Lower Upper
112 100
64 69.2 54.8 82.2
63 39.0 33.0 49.4

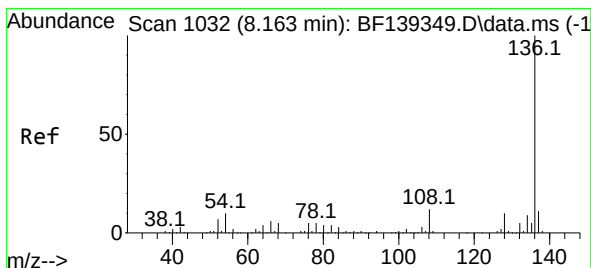
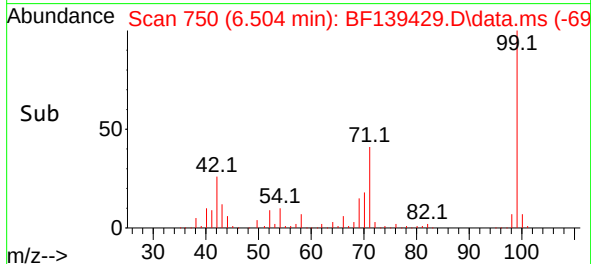
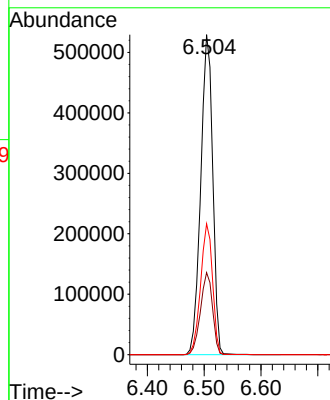
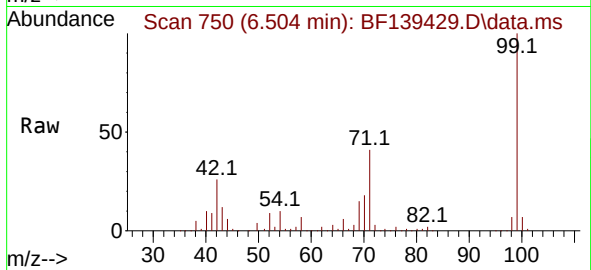




#7
Phenol-d6
Concen: 131.939 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

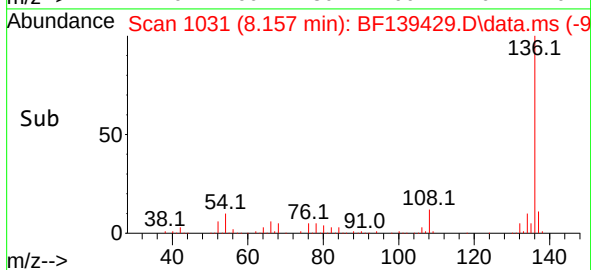
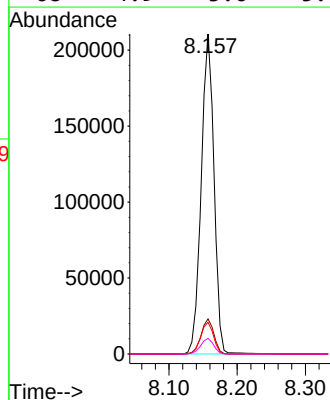
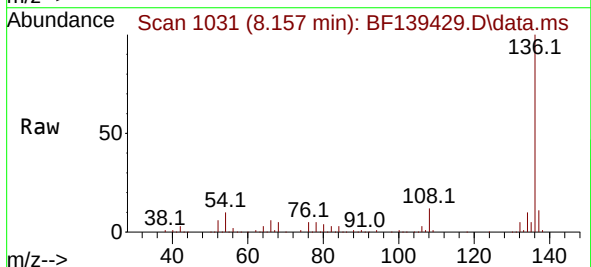
Instrument :
BNA_F
ClientSampleId :
PB163486BL

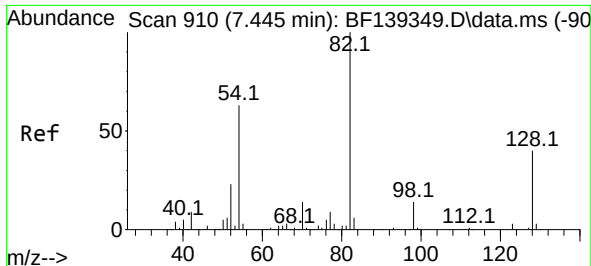
Tgt Ion: 99 Resp: 777972
Ion Ratio Lower Upper
99 100
42 25.7 21.9 32.9
71 40.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

Tgt Ion: 136 Resp: 273770
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 7.8 11.8
68 4.9 3.6 5.4

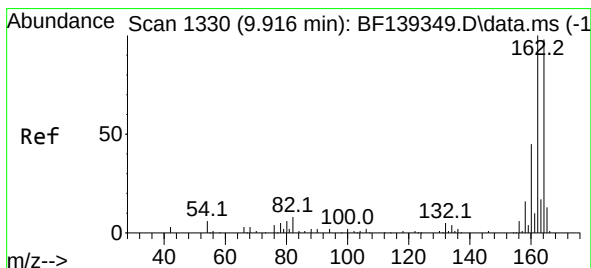
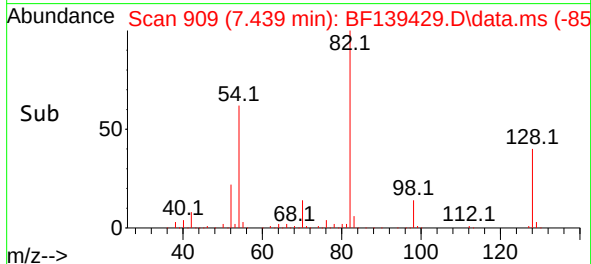
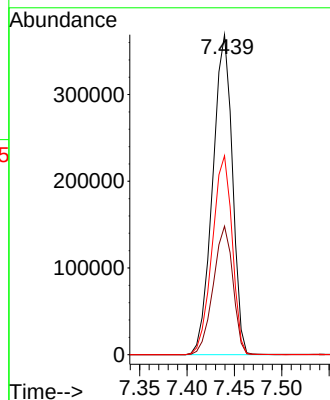
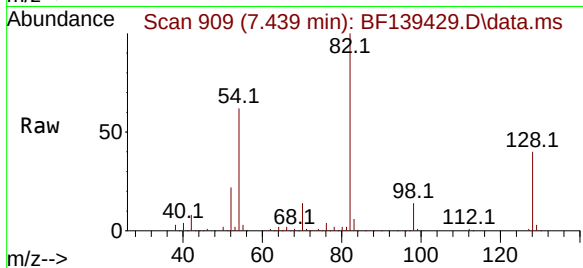




#23
 Nitrobenzene-d5
 Concen: 91.826 ng
 RT: 7.439 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BF139429.D
 Acq: 18 Sep 2024 16:49

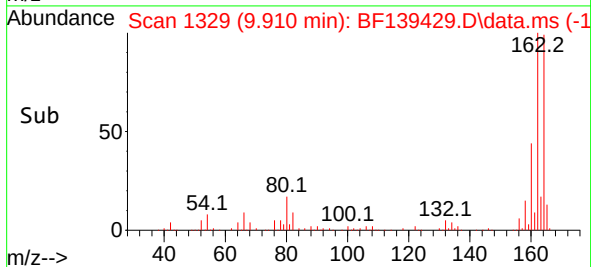
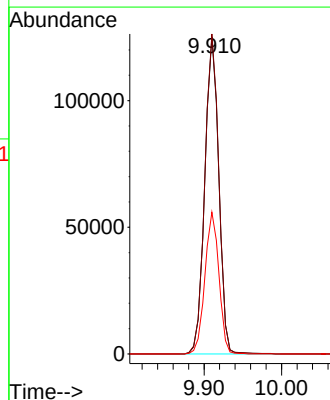
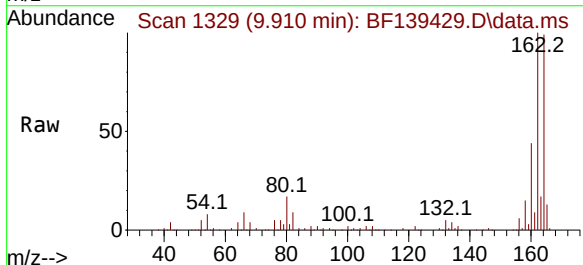
Instrument :
 BNA_F
 ClientSampleId :
 PB163486BL

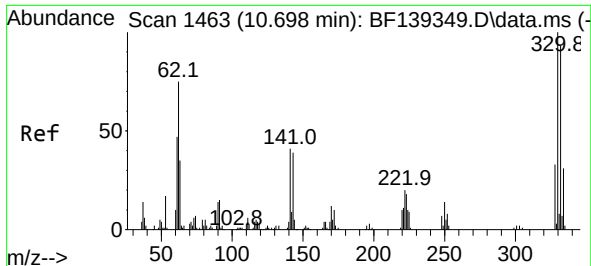
Tgt Ion: 82 Resp: 534744
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 62.1 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139429.D
 Acq: 18 Sep 2024 16:49

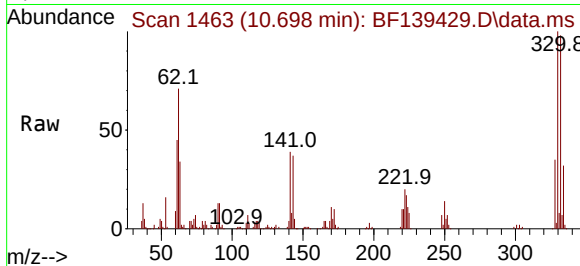
Tgt Ion: 164 Resp: 157058
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.3 121.9
 160 44.7 36.4 54.6



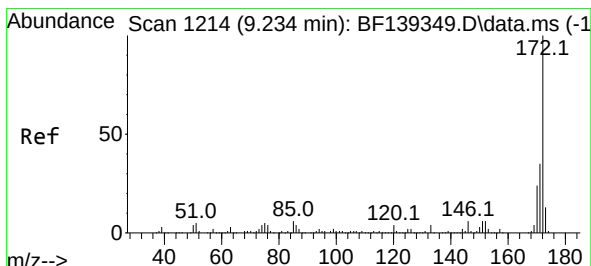
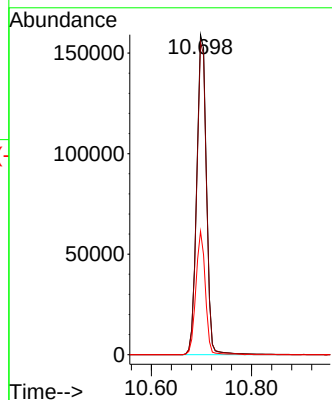
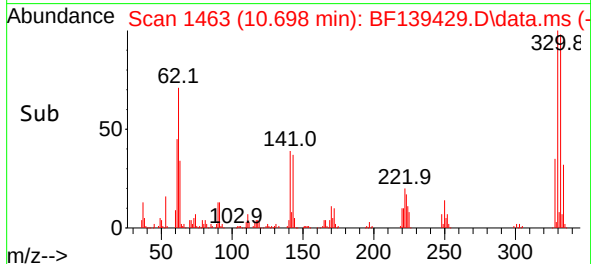


#42
2,4,6-Tribromophenol
Concen: 128.290 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

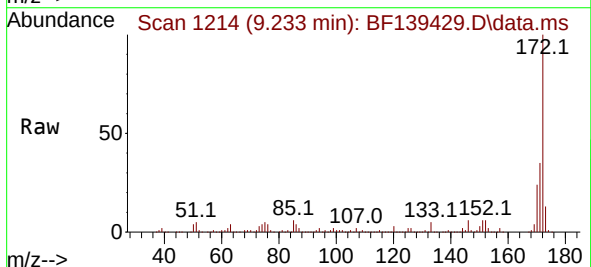
Instrument :
BNA_F
ClientSampleId :
PB163486BL



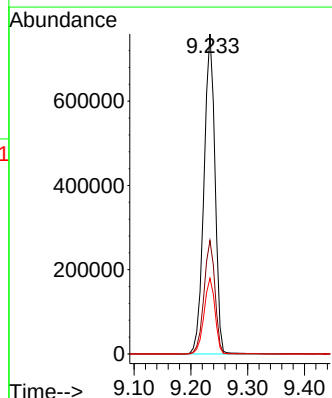
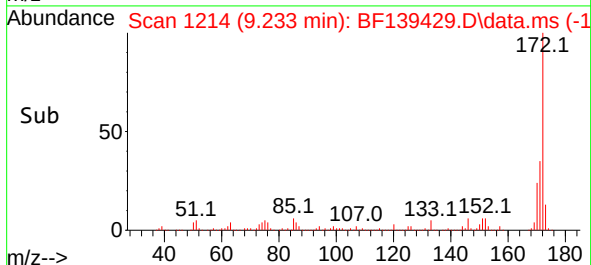
Tgt Ion:330 Resp: 214510
Ion Ratio Lower Upper
330 100
332 97.9 75.2 112.8
141 37.5 31.2 46.8

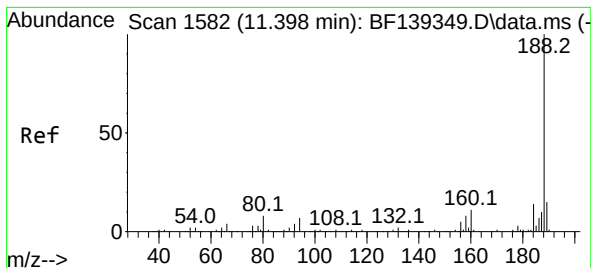


#45
2-Fluorobiphenyl
Concen: 91.599 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49



Tgt Ion:172 Resp: 1025755
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 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: BF139429.D

Acq: 18 Sep 2024 16:49

Instrument :

BNA_F

ClientSampleId :

PB163486BL

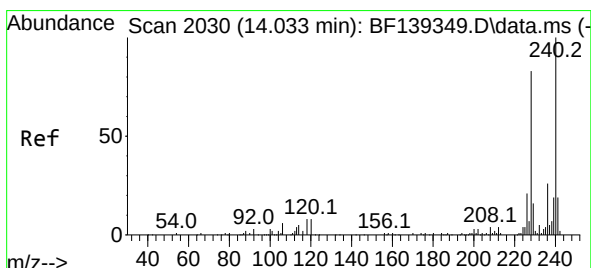
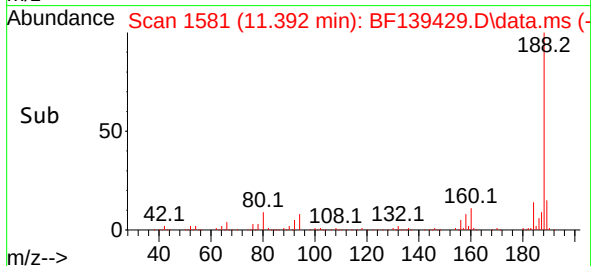
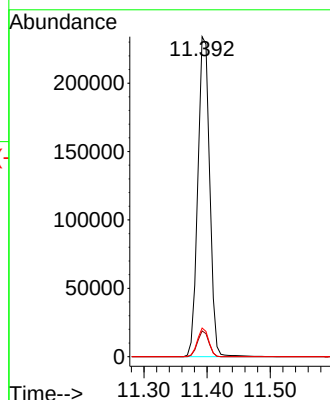
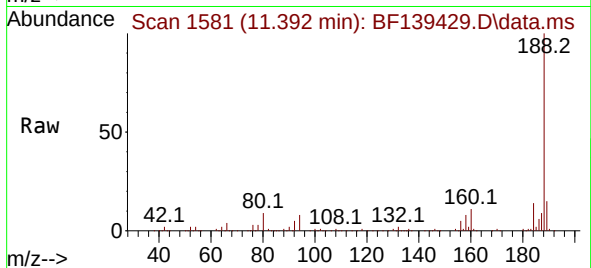
Tgt Ion:188 Resp: 304278

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 8.9 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: BF139429.D

Acq: 18 Sep 2024 16:49

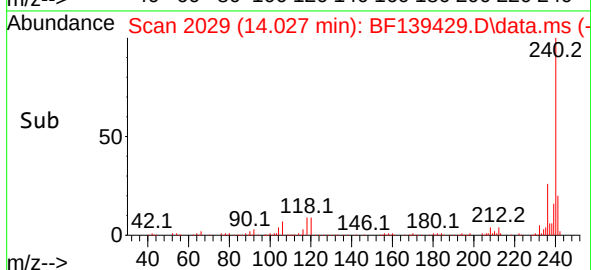
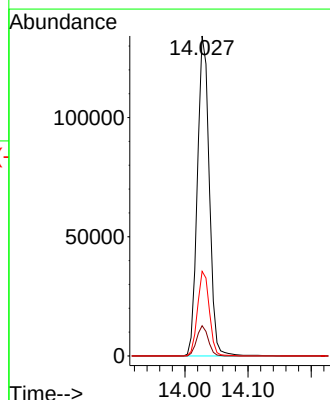
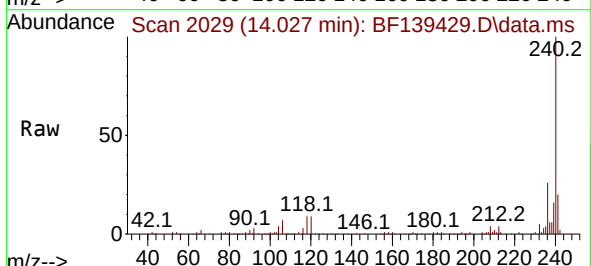
Tgt Ion:240 Resp: 175418

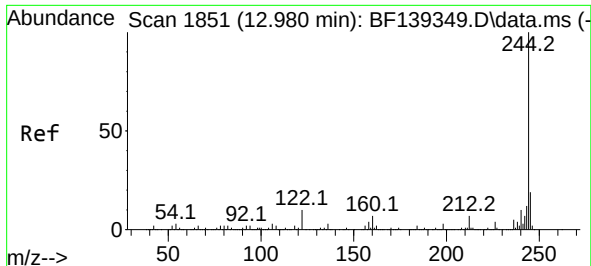
Ion Ratio Lower Upper

240 100

120 9.4 6.2 9.2#

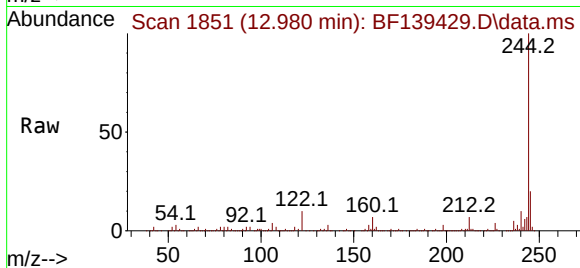
236 26.4 20.9 31.3





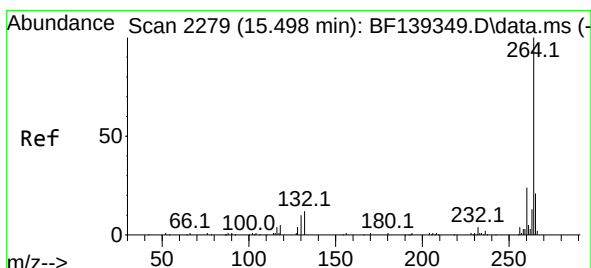
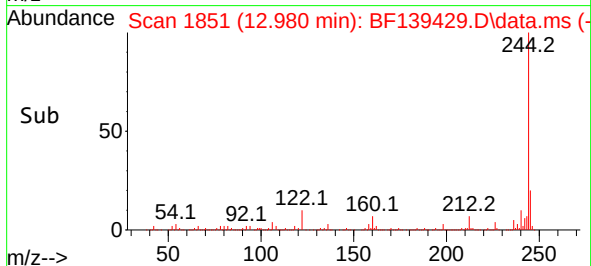
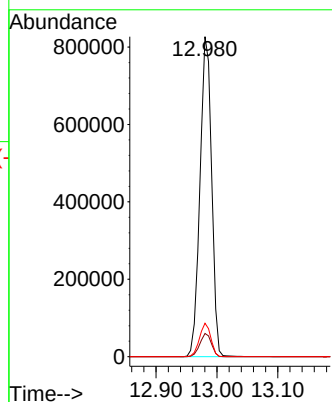
#79
 Terphenyl-d14
 Concen: 102.853 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139429.D
 Acq: 18 Sep 2024 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BL



Tgt Ion:244 Resp: 1099203

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.5	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: BF139429.D
 Acq: 18 Sep 2024 16:49

Tgt Ion:264 Resp: 138455

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.8	16.6	25.0

