

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137828.D
 Acq On : 03 May 2024 14:34
 Operator : CG\JU
 Sample : PB160706BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160706BL

Quant Time: May 03 15:33:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	150745	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	591240	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	338051	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	590070	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	370605	20.000	ng	-0.01
86) Perylene-d12	15.809	264	319617	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1031771	114.596	ng	0.01
7) Phenol-d6	6.669	99	1256820	110.053	ng	0.00
23) Nitrobenzene-d5	7.610	82	778261	76.476	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	418780	121.330	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1682630	80.752	ng	-0.01
79) Terphenyl-d14	13.180	244	1928696	87.215	ng	0.00

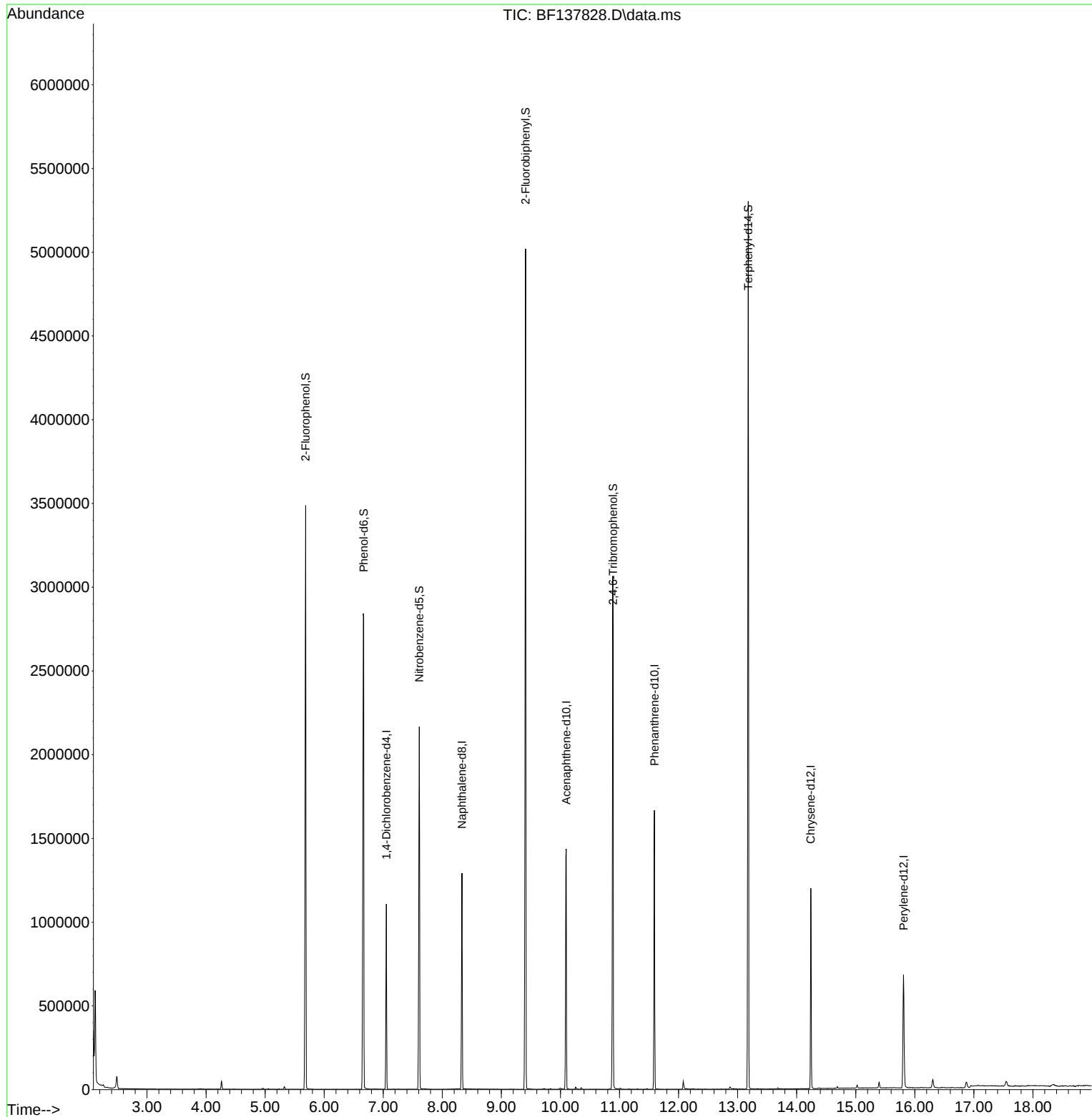
Target Compounds	Qvalue

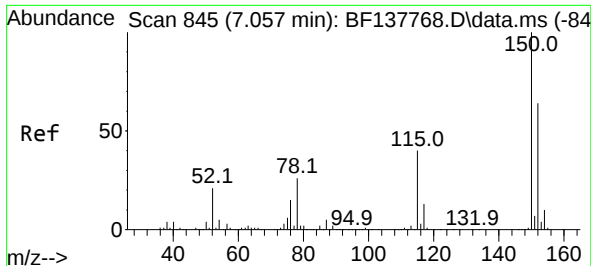
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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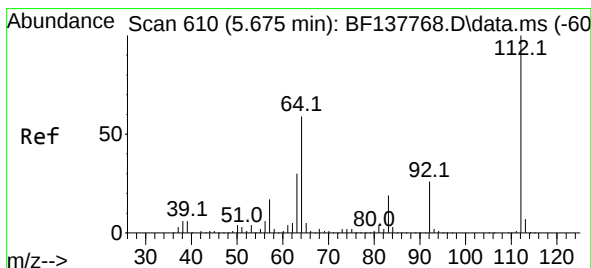
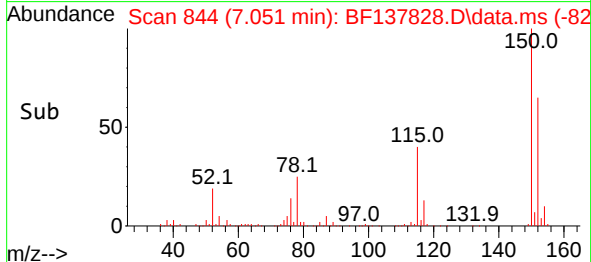
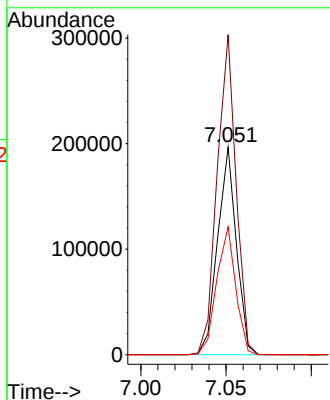
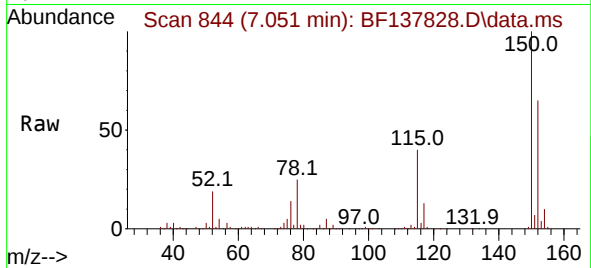




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

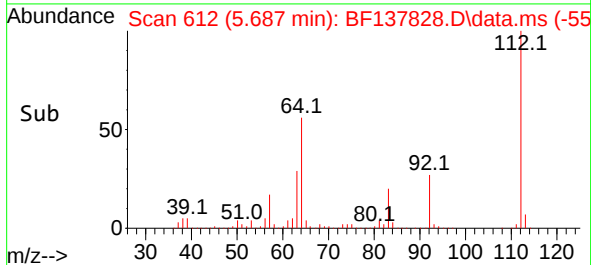
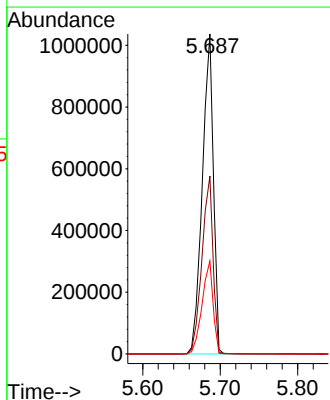
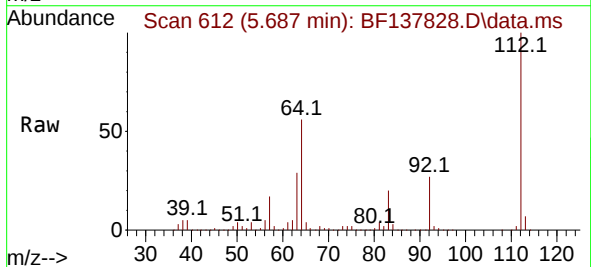
Instrument :
BNA_F
ClientSampleId :
PB160706BL

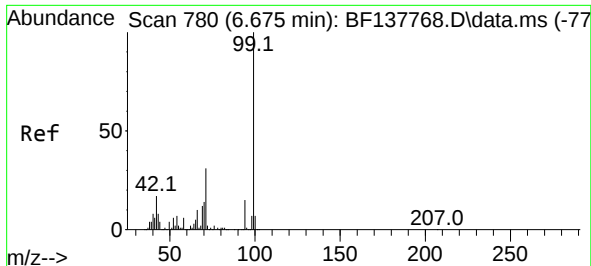
Tgt Ion:152 Resp: 150745
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 61.6 49.1 73.7



#5
2-Fluorophenol
Concen: 114.596 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

Tgt Ion:112 Resp: 1031771
Ion Ratio Lower Upper
112 100
64 55.6 47.3 70.9
63 29.1 23.7 35.5

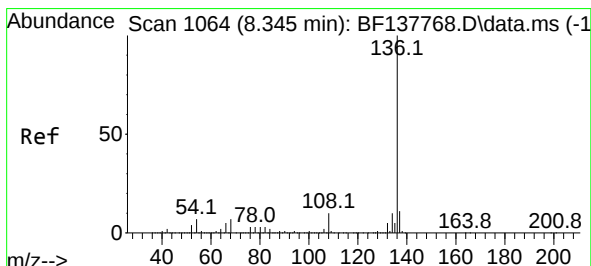
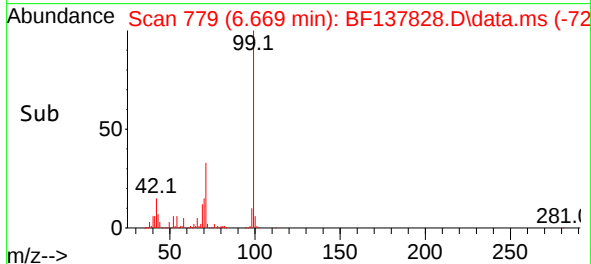
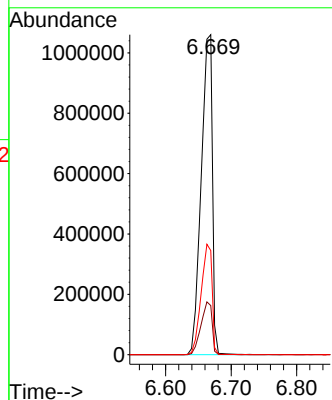
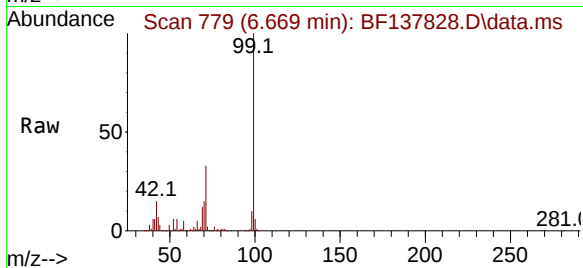




#7
Phenol-d6
Concen: 110.053 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

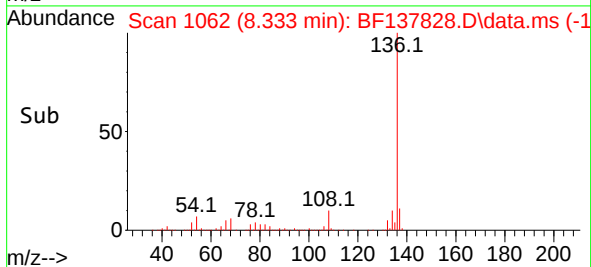
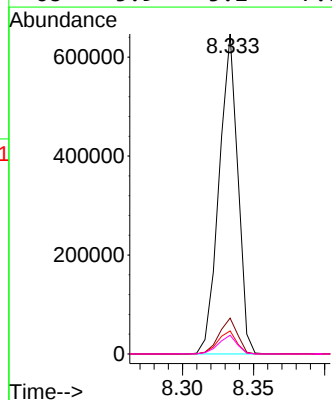
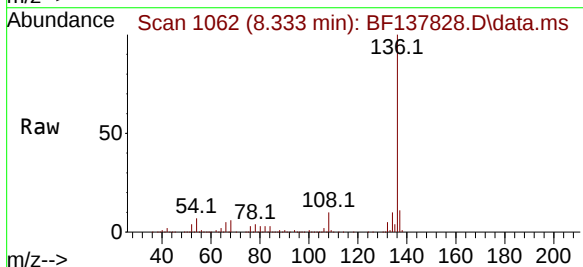
Instrument :
BNA_F
ClientSampleId :
PB160706BL

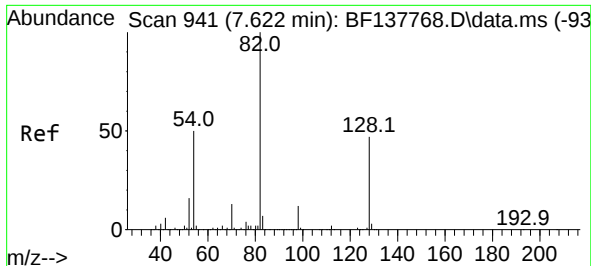
Tgt Ion: 99 Resp: 1256820
Ion Ratio Lower Upper
99 100
42 15.4 13.2 19.8
71 32.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

Tgt Ion: 136 Resp: 591240
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.2 5.8 8.8
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 76.476 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137828.D

Acq: 03 May 2024 14:34

Instrument :

BNA_F

ClientSampleId :

PB160706BL

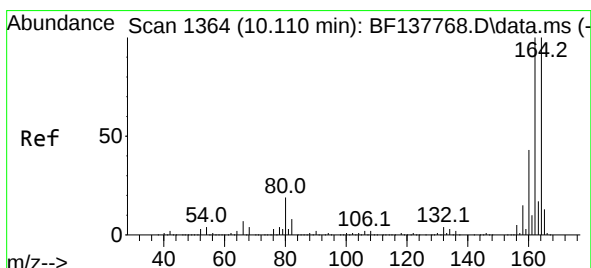
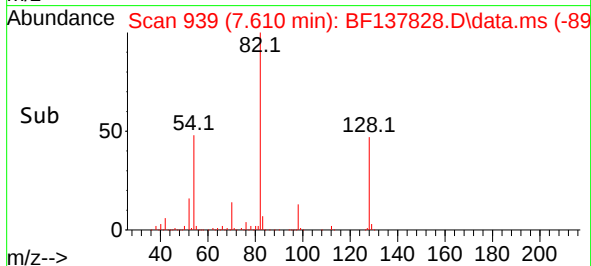
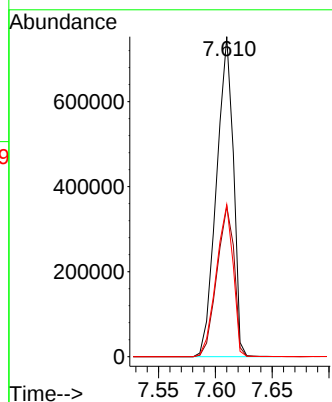
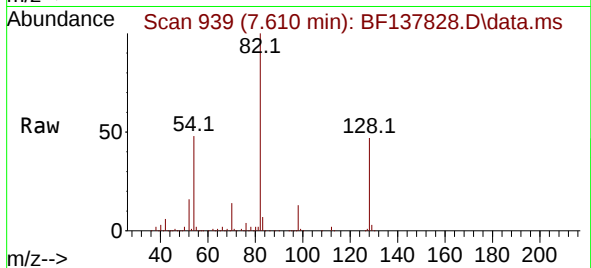
Tgt Ion: 82 Resp: 778261

Ion Ratio Lower Upper

82 100

128 46.9 37.5 56.3

54 47.5 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137828.D

Acq: 03 May 2024 14:34

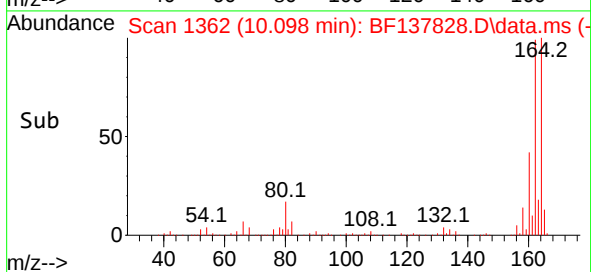
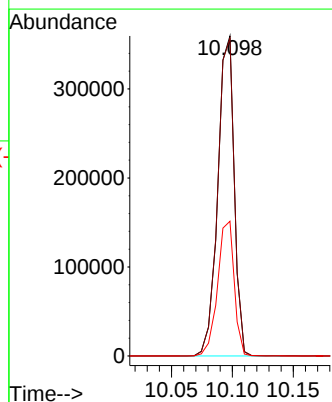
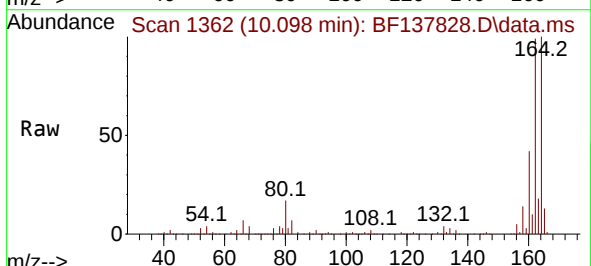
Tgt Ion: 164 Resp: 338051

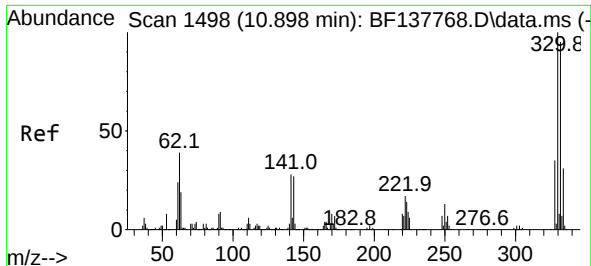
Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.6

160 42.1 34.4 51.6

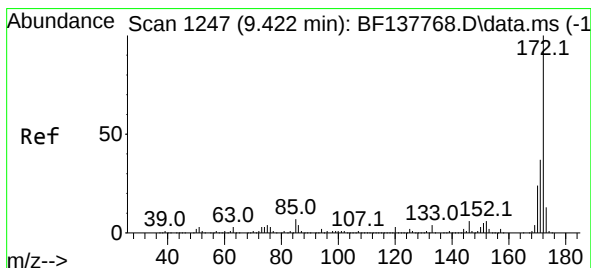
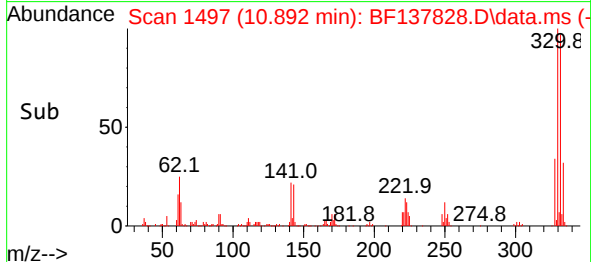
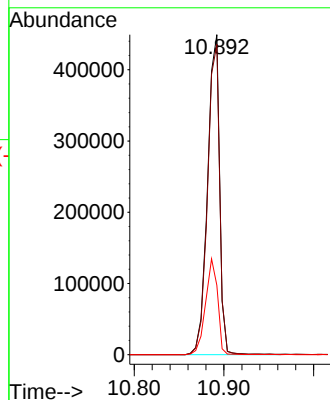
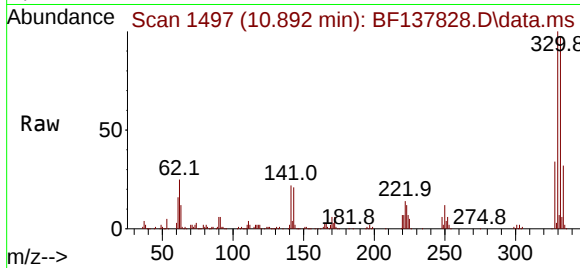




#42
2,4,6-Tribromophenol
Concen: 121.330 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

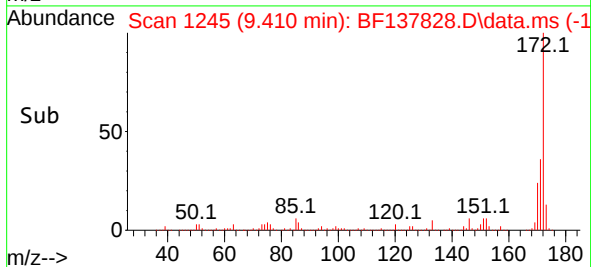
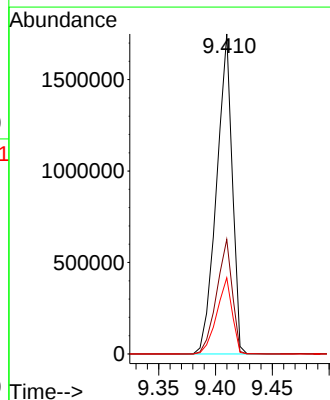
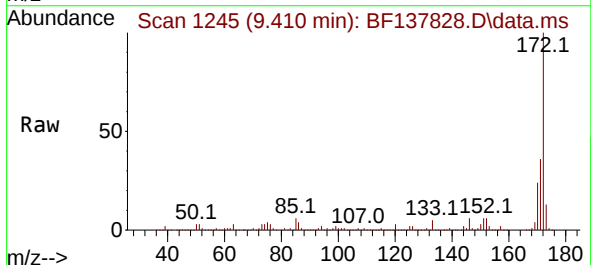
Instrument :
BNA_F
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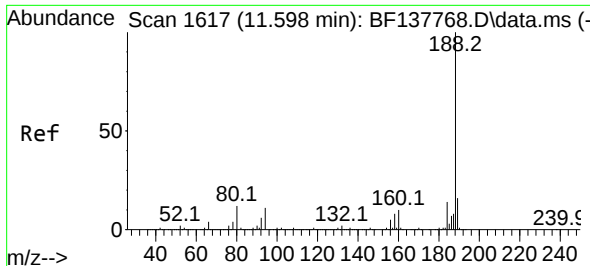
Tgt Ion:330 Resp: 418780
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 80.752 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

Tgt Ion:172 Resp: 1682630
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.8 19.4 29.2

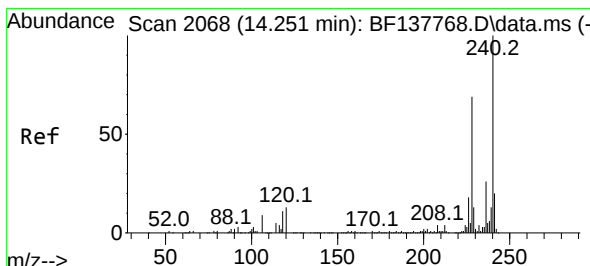
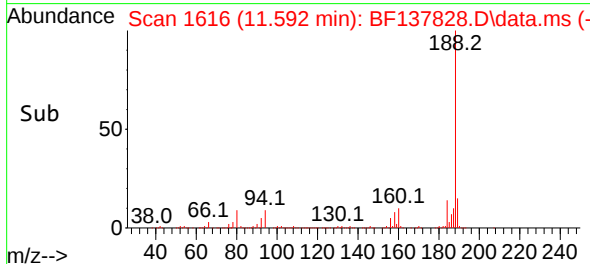
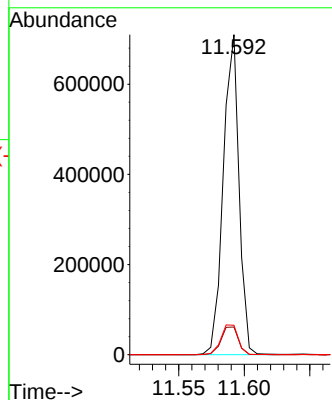
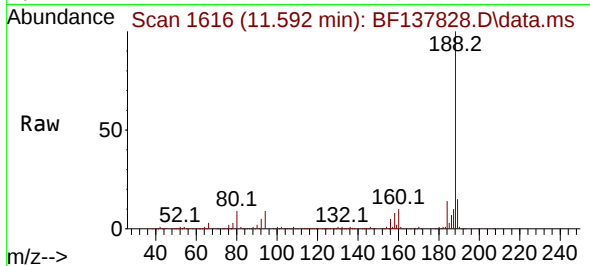




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

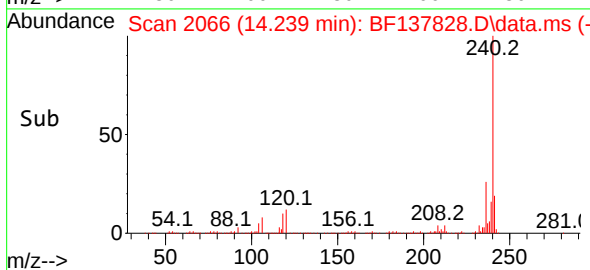
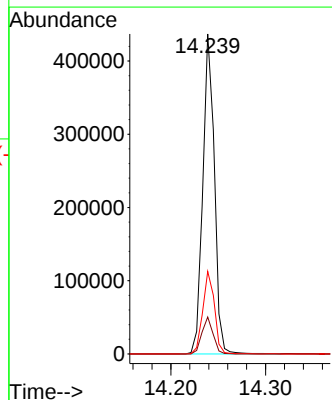
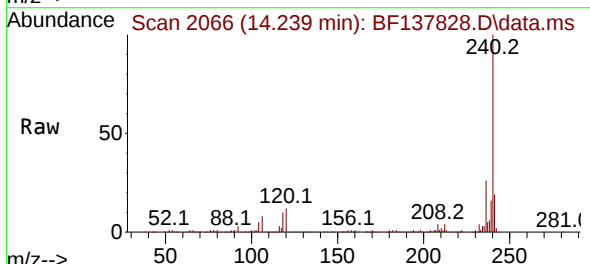
Instrument :
BNA_F
ClientSampleId :
PB160706BL

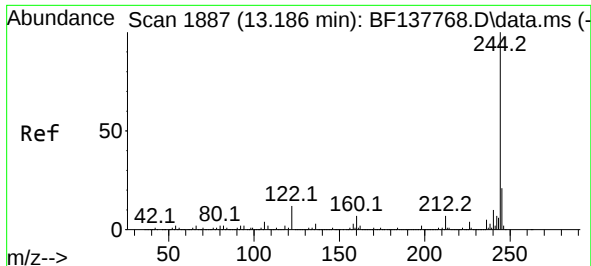
Tgt Ion:188 Resp: 590070
Ion Ratio Lower Upper
188 100
94 8.6 8.8 13.2#
80 9.2 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137828.D
Acq: 03 May 2024 14:34

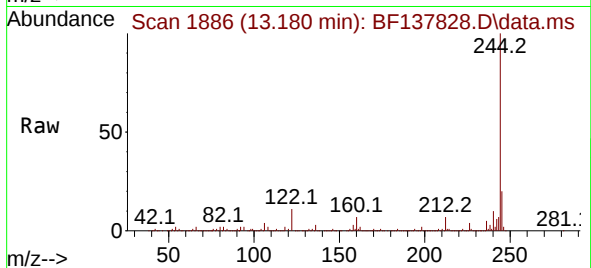
Tgt Ion:240 Resp: 370605
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 25.8 20.4 30.6



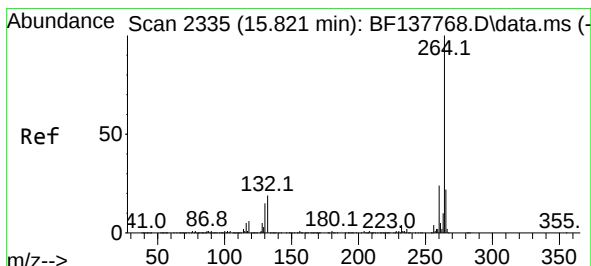
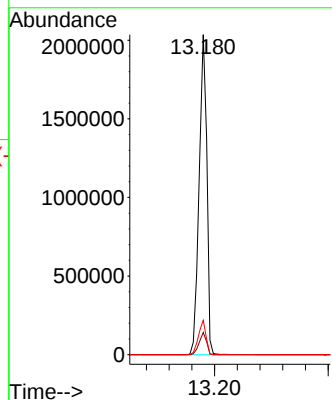
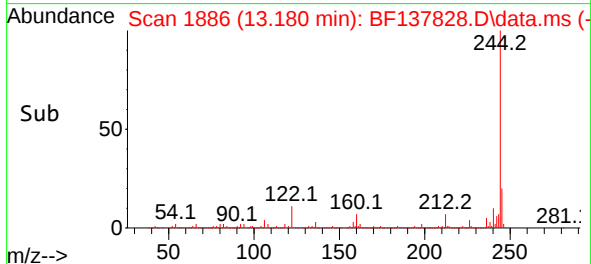


#79
 Terphenyl-d14
 Concen: 87.215 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137828.D
 Acq: 03 May 2024 14:34

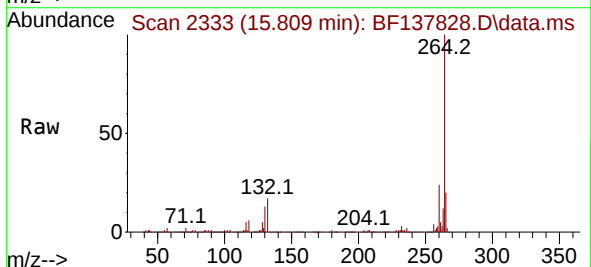
Instrument :
 BNA_F
 ClientSampleId :
 PB160706BL



Tgt Ion:244 Resp: 1928696
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.8 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137828.D
 Acq: 03 May 2024 14:34



Tgt Ion:264 Resp: 319617
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 20.3 17.4 26.0

