

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137876.D
 Acq On : 10 May 2024 12:33
 Operator : CG\JU
 Sample : PB160825BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160825BL

Quant Time: May 11 00:31:01 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	7.045	152	188995	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	727034	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	417386	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	749526	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	519600	20.000	ng	-0.01
86) Perylene-d12	15.810	264	401935	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1412718	125.151	ng	0.01
7) Phenol-d6	6.663	99	1807841	126.265	ng	-0.01
23) Nitrobenzene-d5	7.610	82	1104996	88.302	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	576119	135.188	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	2254563	87.634	ng	-0.01
79) Terphenyl-d14	13.180	244	2800061	90.310	ng	0.00

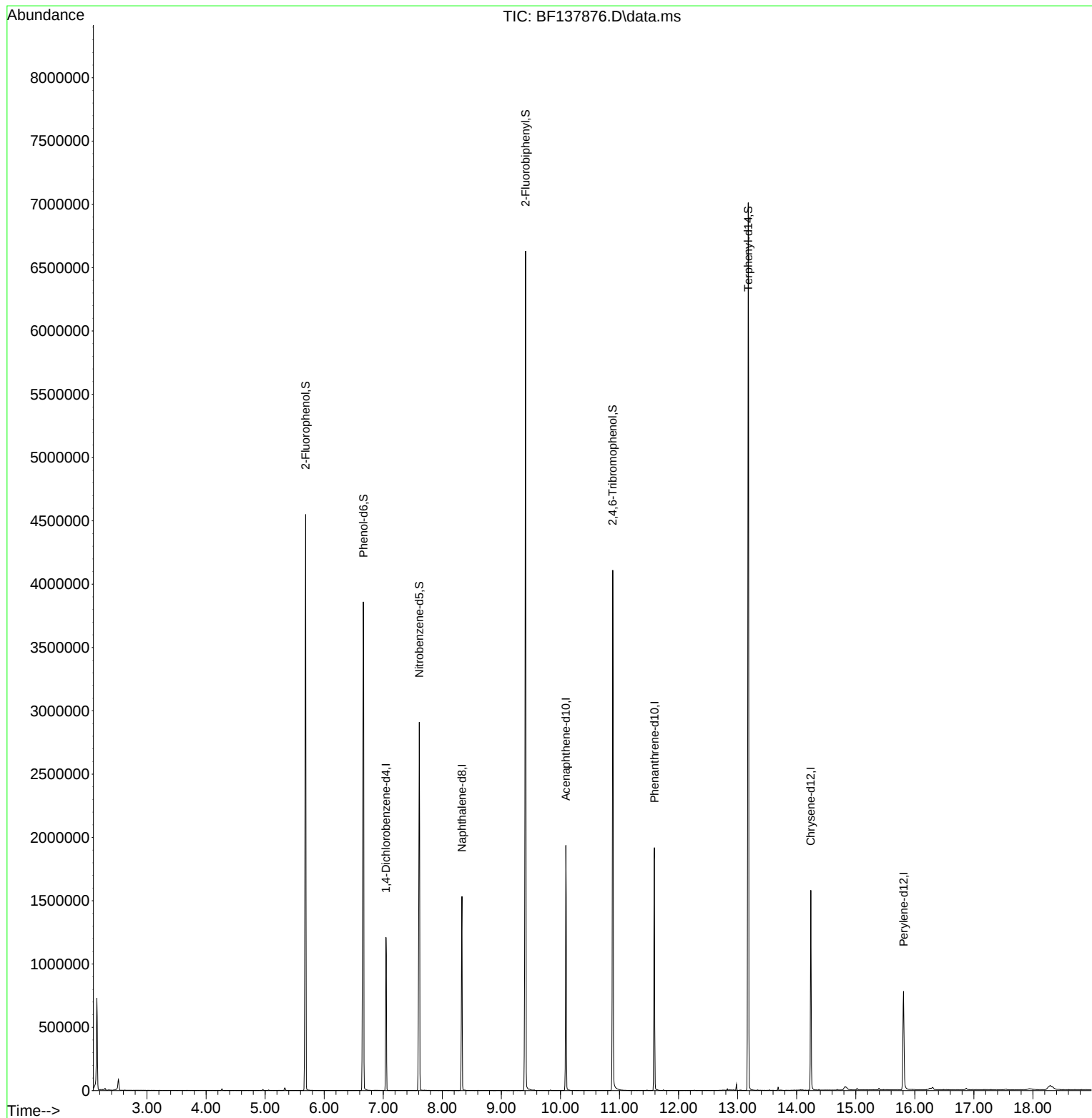
Target Compounds	Qvalue

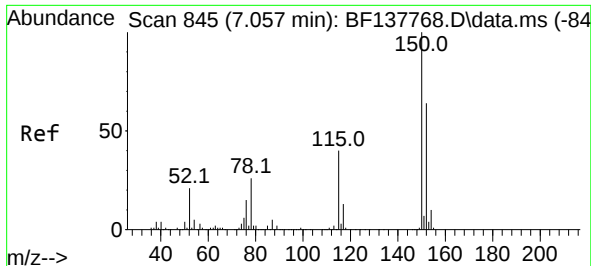
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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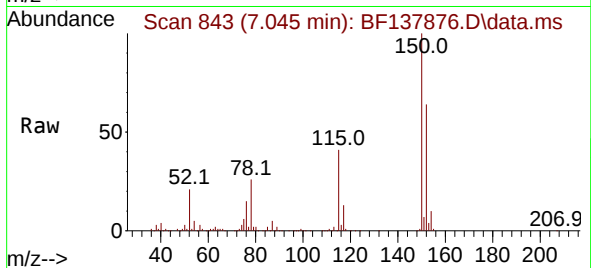
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



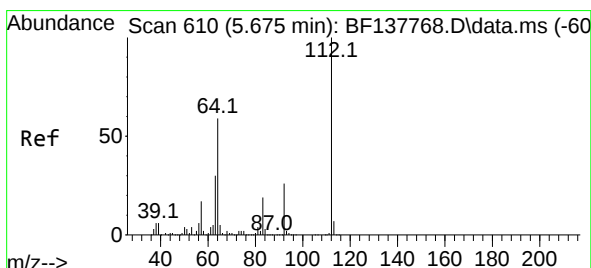
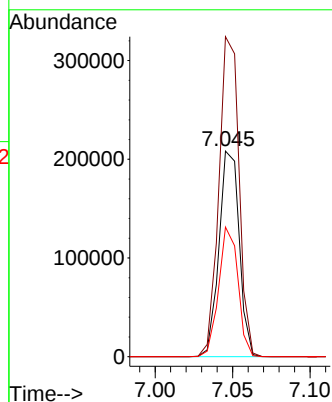
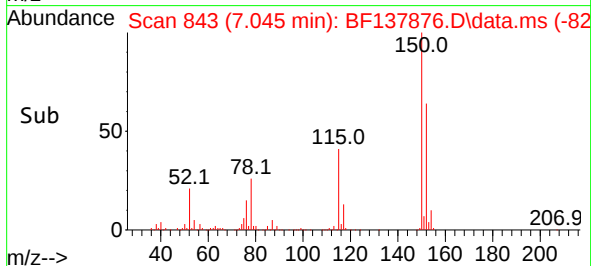


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB160825BL

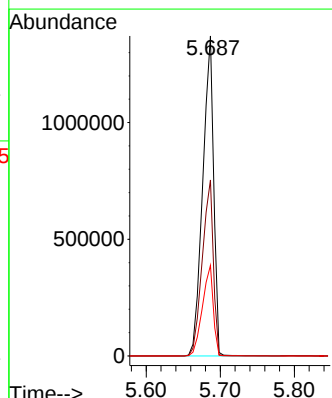
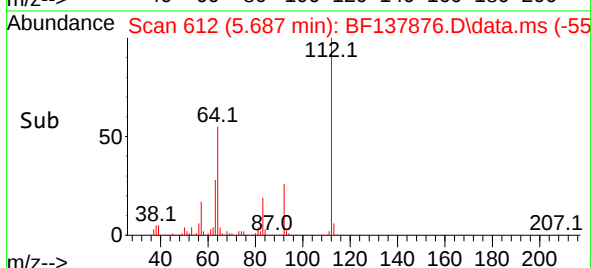
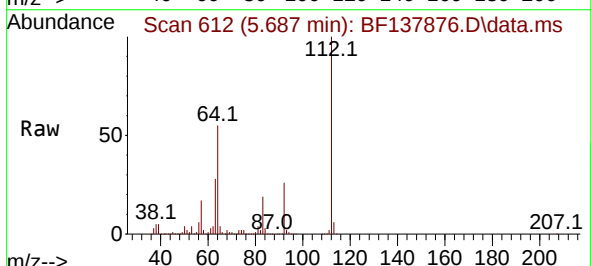


Tgt Ion:152 Resp: 188995
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 63.1 49.1 73.7



#5
2-Fluorophenol
Concen: 125.151 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

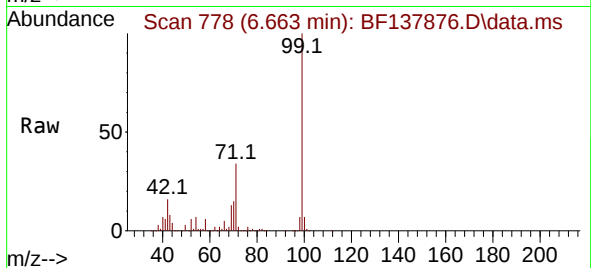
Tgt Ion:112 Resp: 1412718
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.3 23.7 35.5





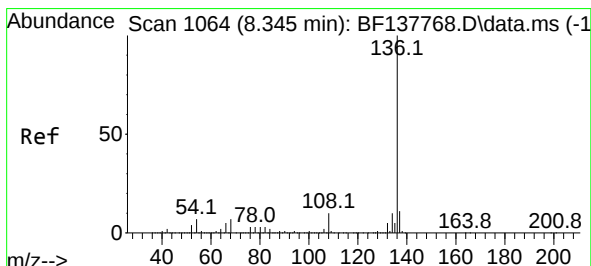
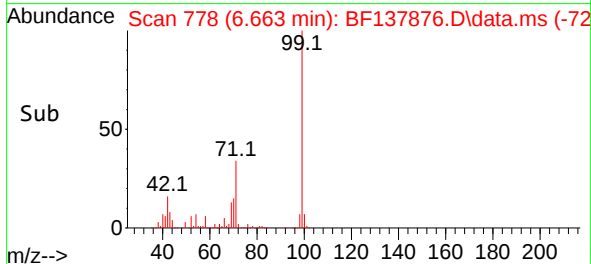
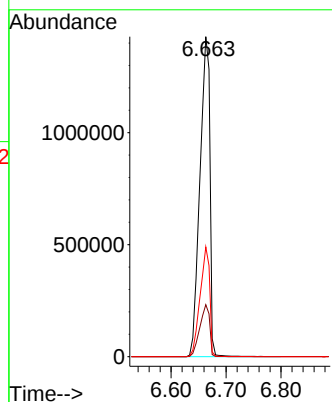
#7
Phenol-d6
Concen: 126.265 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB160825BL



Tgt Ion: 99 Resp: 1807841

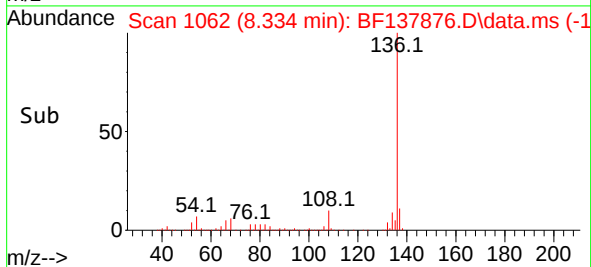
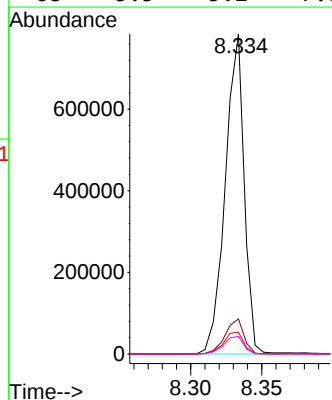
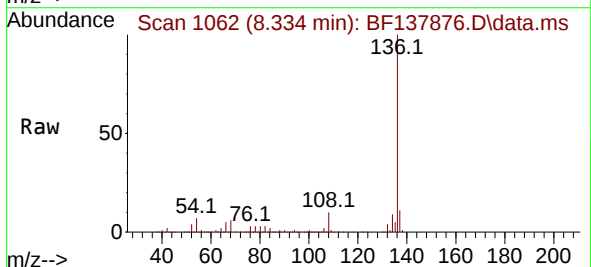
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	34.3	25.0	37.4

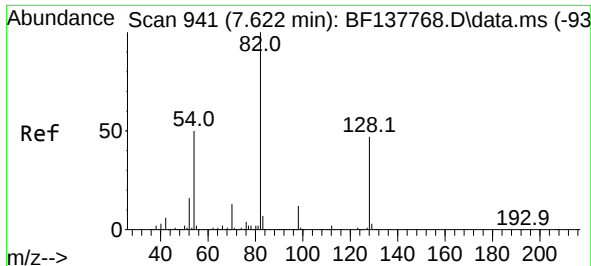


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Tgt Ion: 136 Resp: 727034

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.8	8.8
68	5.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 88.302 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137876.D

Acq: 10 May 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB160825BL

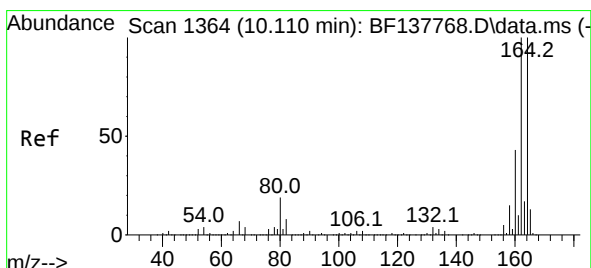
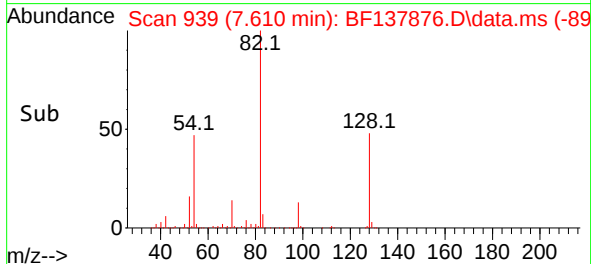
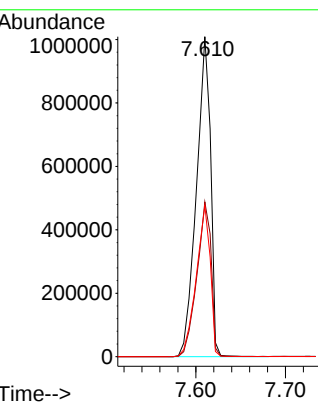
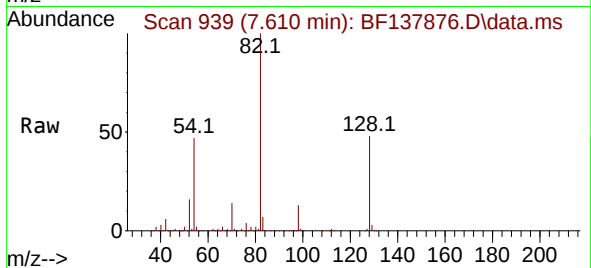
Tgt Ion: 82 Resp: 1104996

Ion Ratio Lower Upper

82 100

128 48.3 37.5 56.3

54 47.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137876.D

Acq: 10 May 2024 12:33

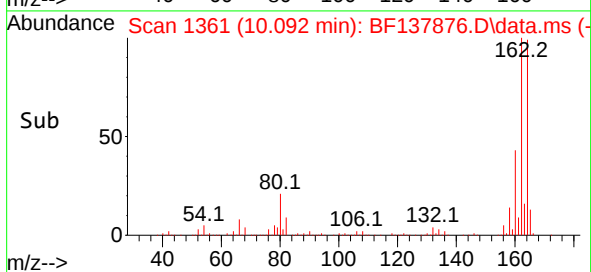
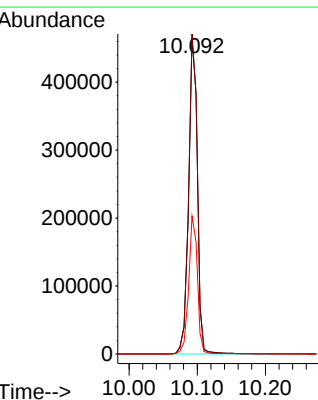
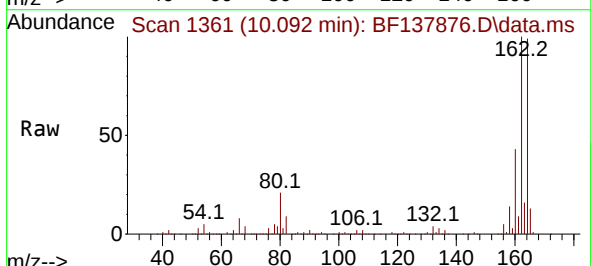
Tgt Ion:164 Resp: 417386

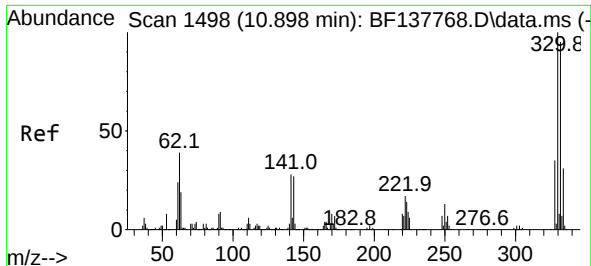
Ion Ratio Lower Upper

164 100

162 101.3 79.8 119.6

160 43.6 34.4 51.6

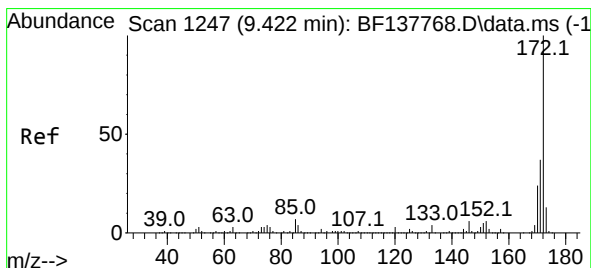
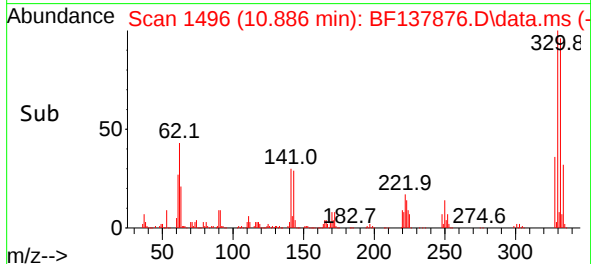
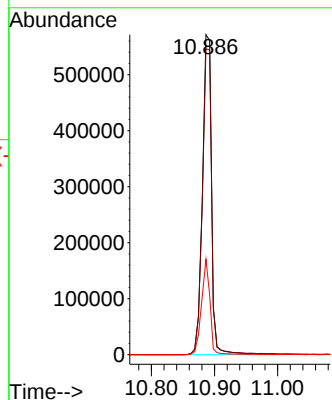
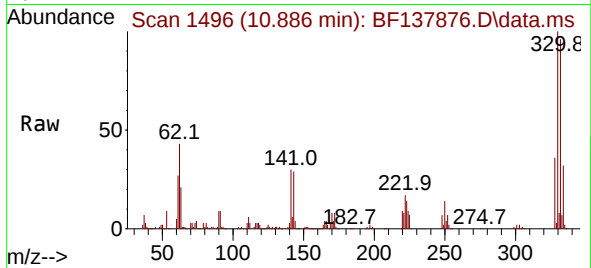




#42
2,4,6-Tribromophenol
Concen: 135.188 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

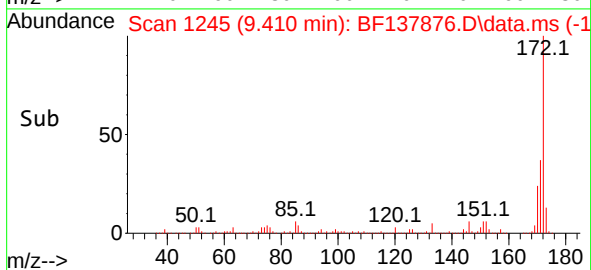
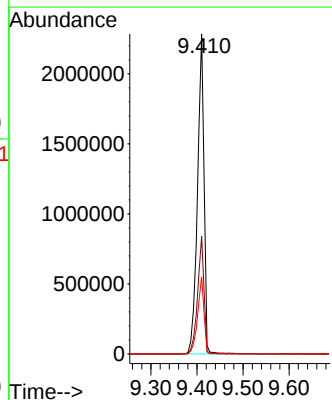
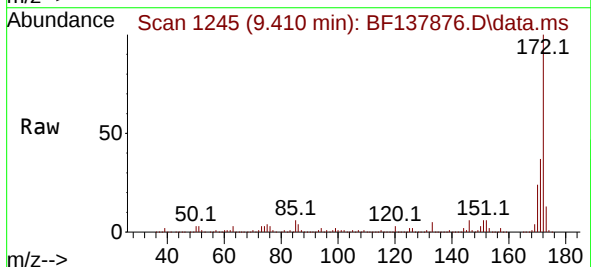
Instrument :
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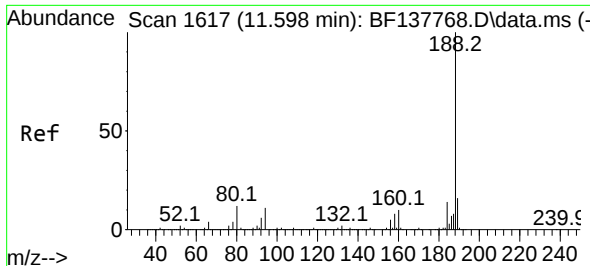
Tgt Ion:330 Resp: 576119
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 27.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.634 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Tgt Ion:172 Resp: 2254563
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.1 19.4 29.2

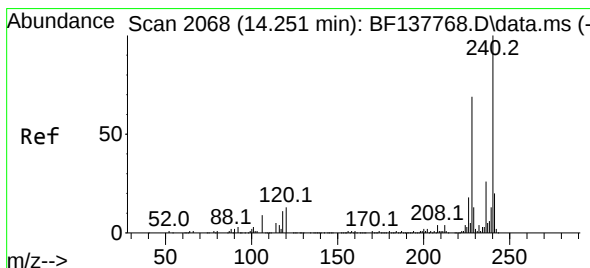
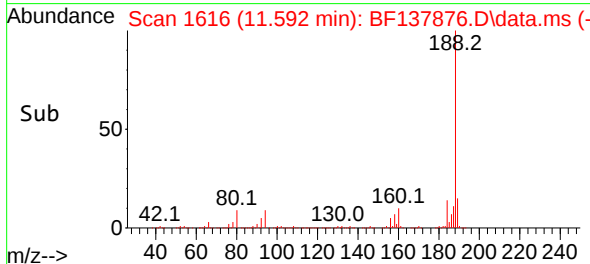
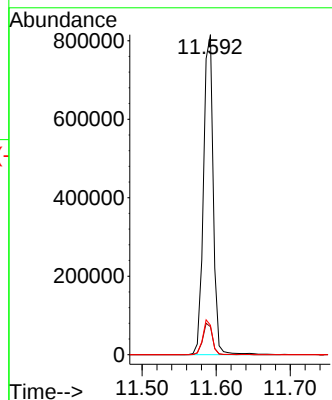
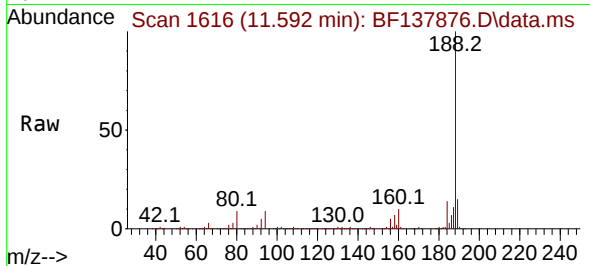




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

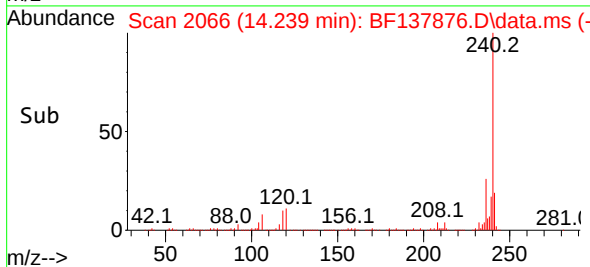
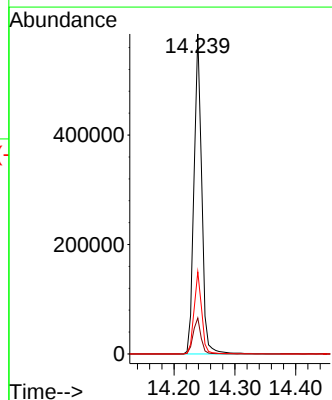
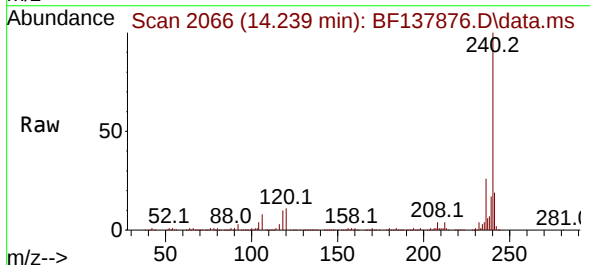
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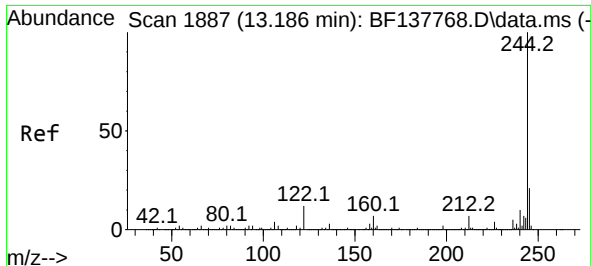
Tgt Ion:188 Resp: 749526
Ion Ratio Lower Upper
188 100
94 8.8 8.8 13.2#
80 9.2 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

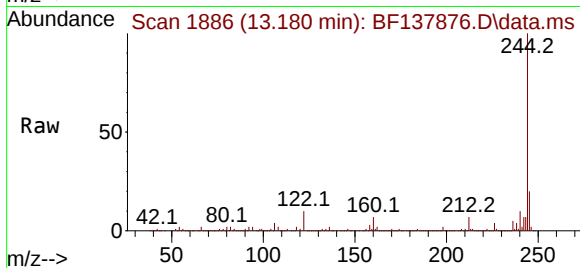
Tgt Ion:240 Resp: 519600
Ion Ratio Lower Upper
240 100
120 11.3 10.4 15.6
236 25.6 20.4 30.6



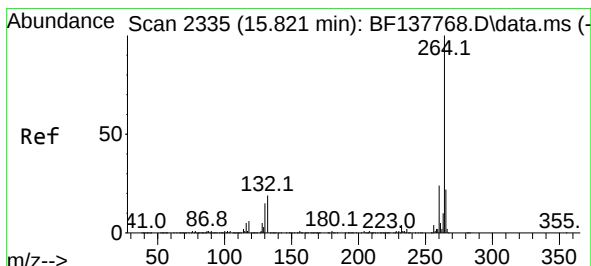
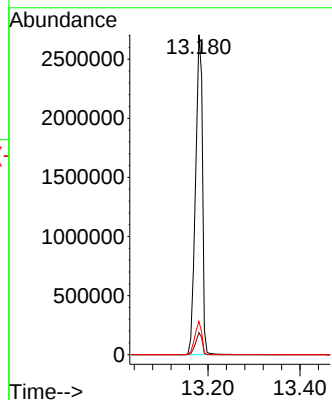
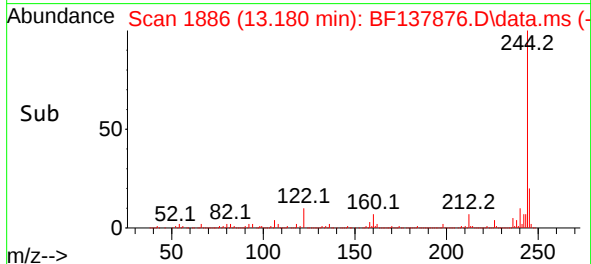


#79
 Terphenyl-d14
 Concen: 90.310 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137876.D
 Acq: 10 May 2024 12:33

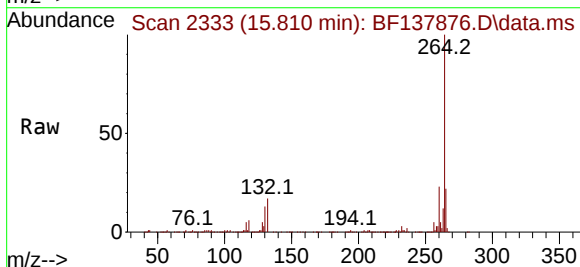
Instrument :
 BNA_F
 ClientSampleId :
 PB160825BL



Tgt Ion:244 Resp: 2800061
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.4 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137876.D
 Acq: 10 May 2024 12:33



Tgt Ion:264 Resp: 401935
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.8 17.4 26.0

