

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050624\
 Data File : BF137841.D
 Acq On : 06 May 2024 15:16
 Operator : CG\JU
 Sample : P2327-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(4.0-4.5)

Quant Time: May 06 16:09:18 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	113793	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	396714	20.000	ng	-0.01
39) Acenaphthene-d10	10.116	164	145943	20.000	ng	0.00
64) Phenanthrene-d10	11.639	188	175171	20.000	ng	# 0.04
76) Chrysene-d12	14.274	240	214641	20.000	ng	# 0.02
86) Perylene-d12	15.827	264	256583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	491143	72.264	ng	-0.01
7) Phenol-d6	6.657	99	598573	69.434	ng	-0.02
23) Nitrobenzene-d5	7.604	82	352444	51.615	ng	-0.02
42) 2,4,6-Tribromophenol	10.922	330	116842	78.411	ng	0.02
45) 2-Fluorobiphenyl	9.410	172	560475	62.305	ng	-0.01
79) Terphenyl-d14	13.221	244	530183	41.395	ng	0.04

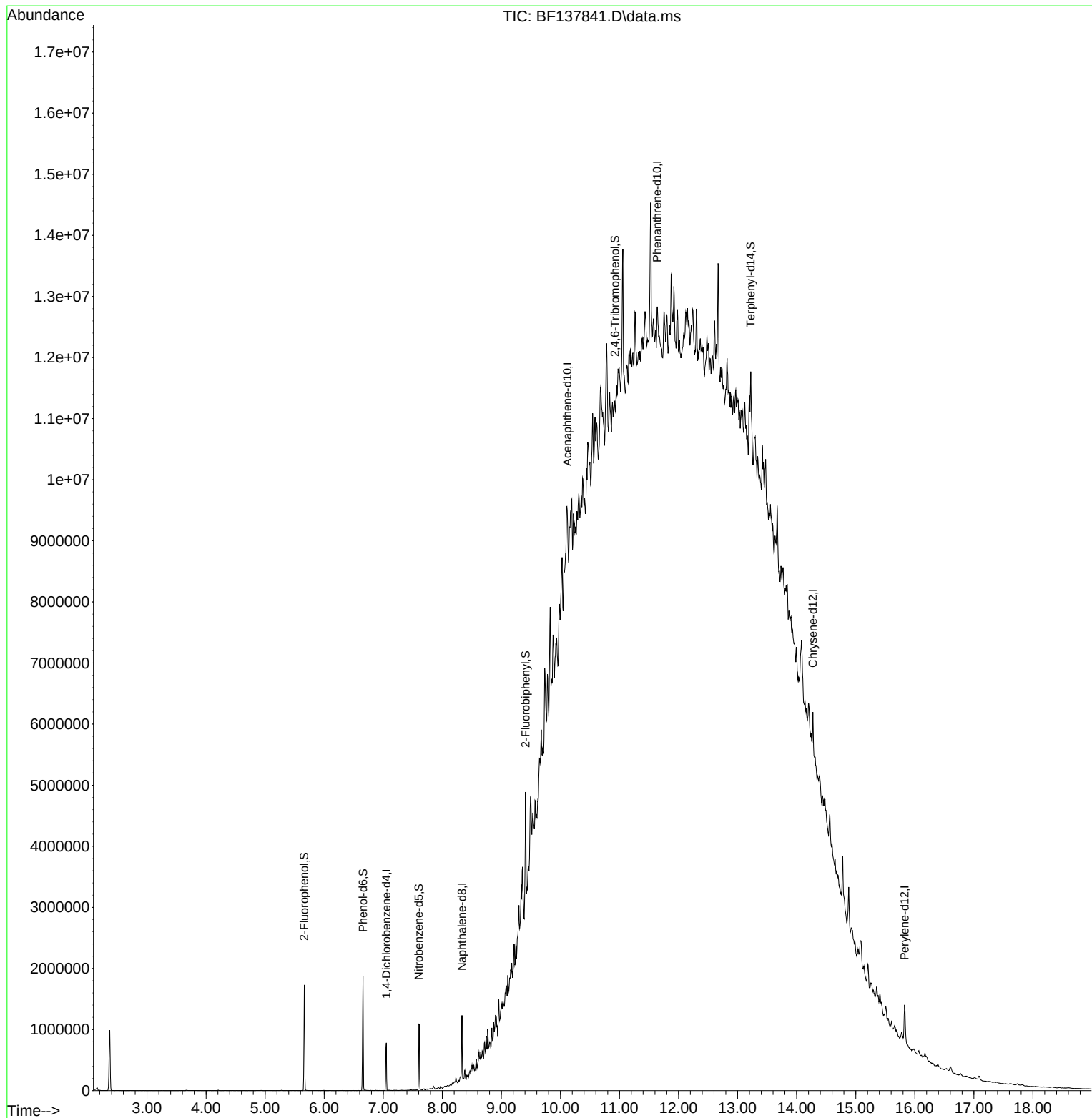
Target Compounds	Qvalue

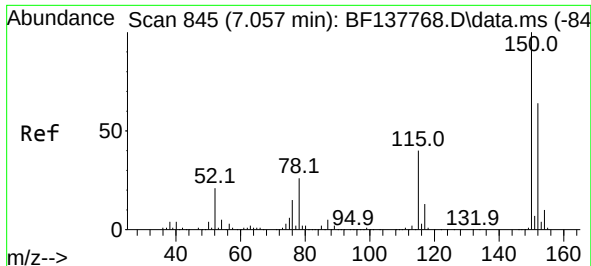
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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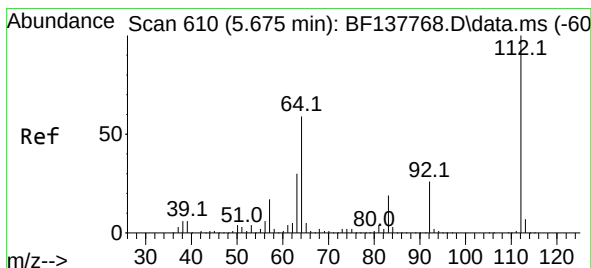
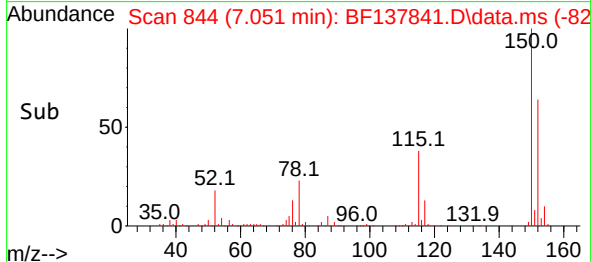
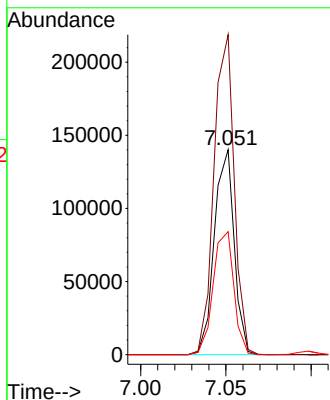
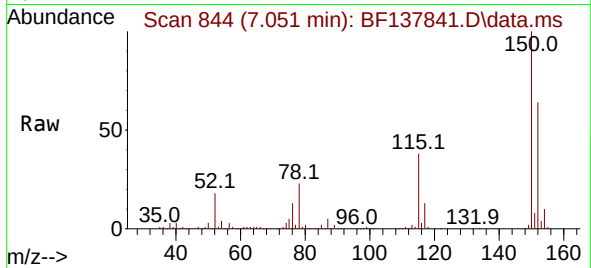




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137841.D
Acq: 06 May 2024 15:16

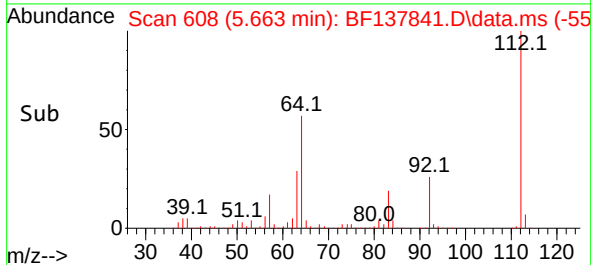
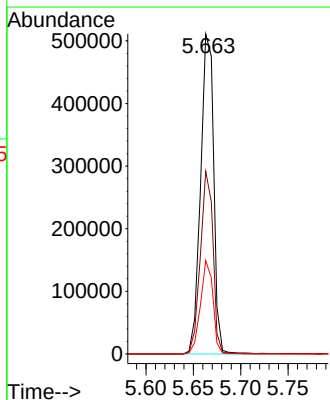
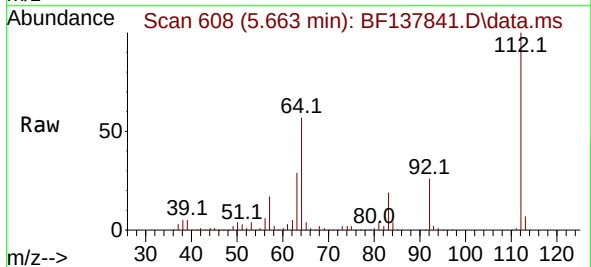
Instrument :
BNA_F
ClientSampleId :
PE-4(4.0-4.5)

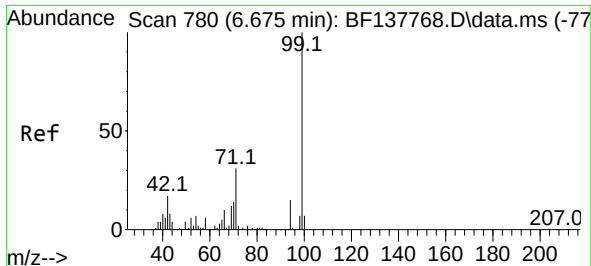
Tgt Ion:152 Resp: 113793
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 60.0 49.1 73.7



#5
2-Fluorophenol
Concen: 72.264 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF137841.D
Acq: 06 May 2024 15:16

Tgt Ion:112 Resp: 491143
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 29.2 23.7 35.5

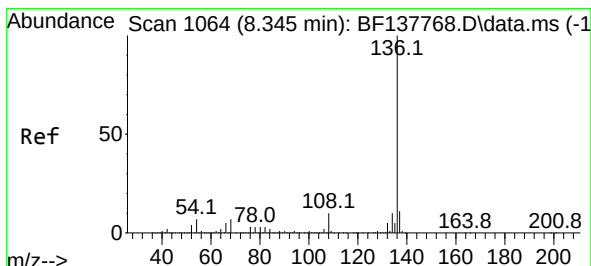
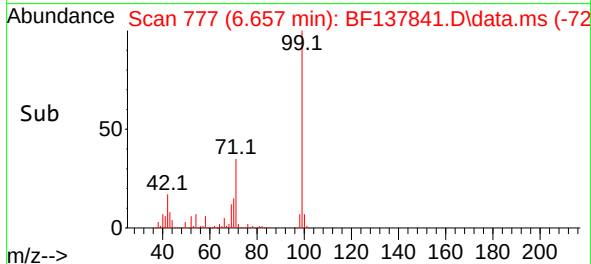
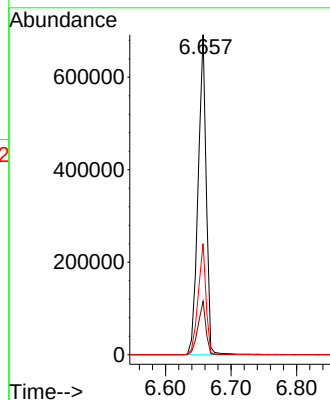
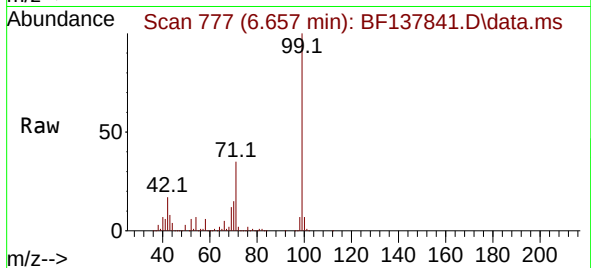




#7
Phenol-d6
Concen: 69.434 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137841.D
Acq: 06 May 2024 15:16

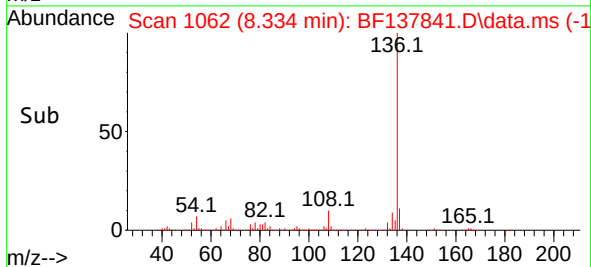
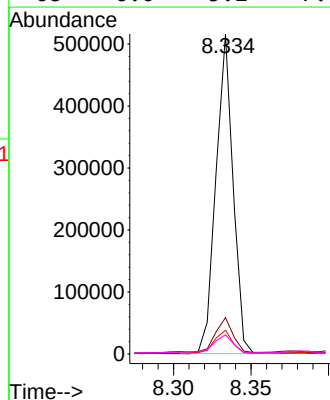
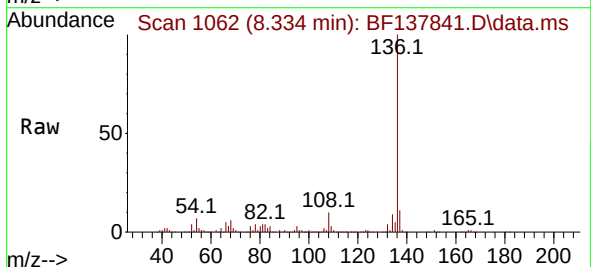
Instrument :
BNA_F
ClientSampleId :
PE-4(4.0-4.5)

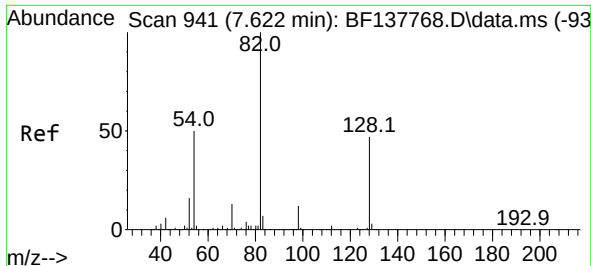
Tgt Ion: 99 Resp: 598573
Ion Ratio Lower Upper
99 100
42 16.7 13.2 19.8
71 34.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137841.D
Acq: 06 May 2024 15:16

Tgt Ion: 136 Resp: 396714
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.4 5.8 8.8
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 51.615 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137841.D

Acq: 06 May 2024 15:16

Instrument :

BNA_F

ClientSampleId :

PE-4(4.0-4.5)

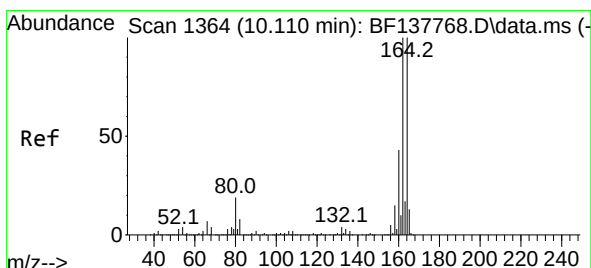
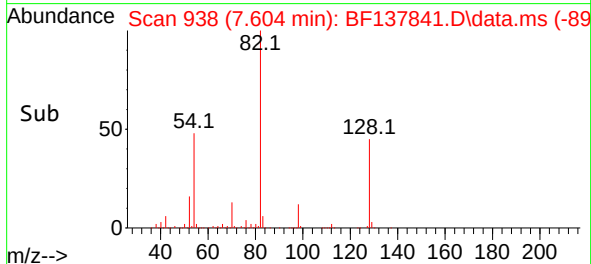
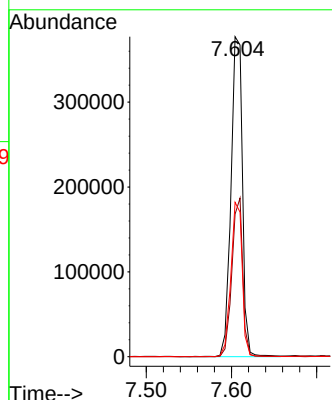
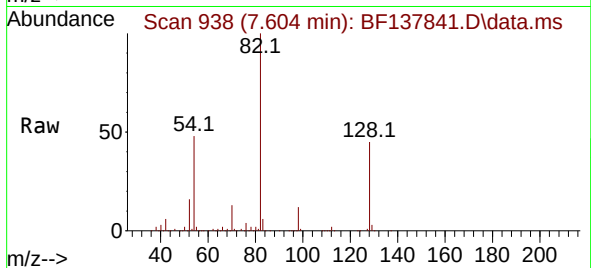
Tgt Ion: 82 Resp: 352444

Ion Ratio Lower Upper

82 100

128 44.5 37.5 56.3

54 48.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.116 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF137841.D

Acq: 06 May 2024 15:16

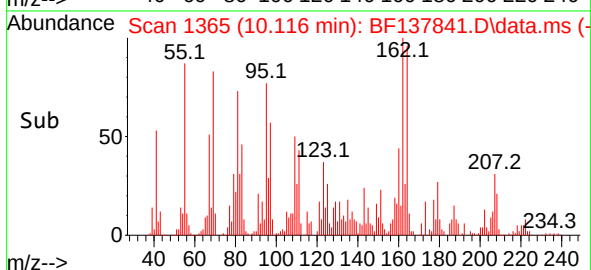
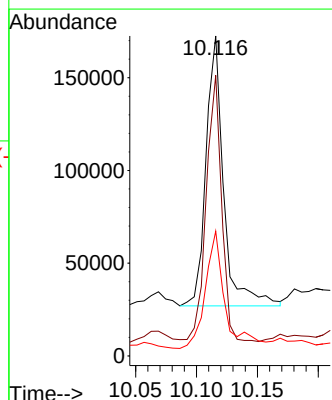
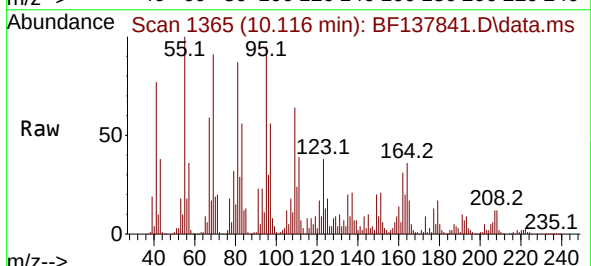
Tgt Ion:164 Resp: 145943

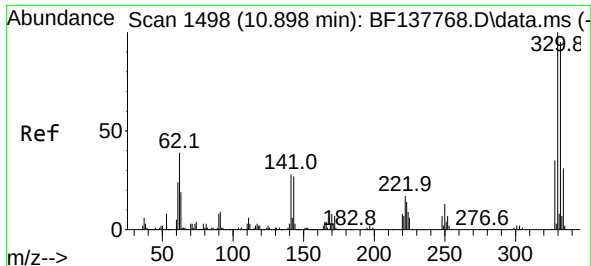
Ion Ratio Lower Upper

164 100

162 87.7 79.8 119.6

160 39.0 34.4 51.6

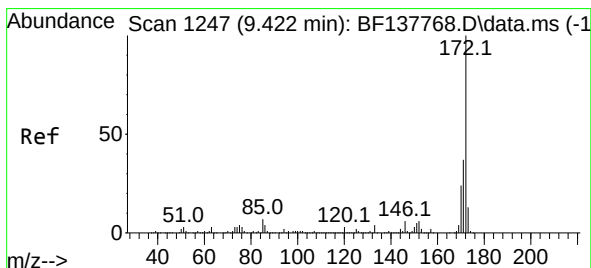
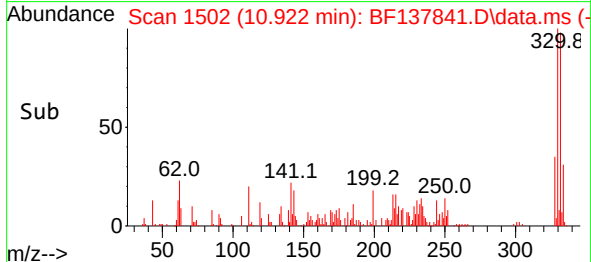
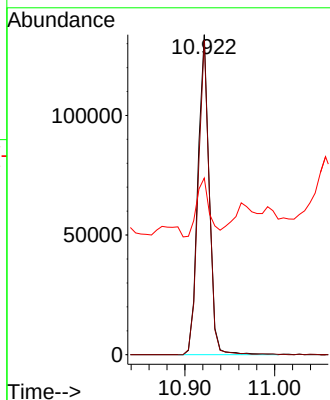
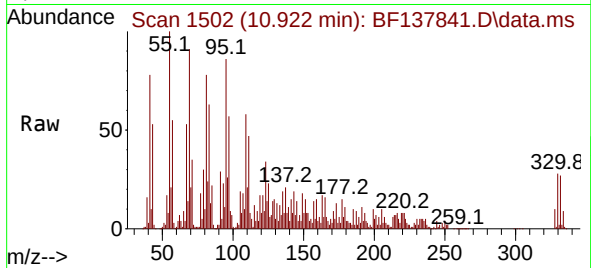




#42
 2,4,6-Tribromophenol
 Concen: 78.411 ng
 RT: 10.922 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF137841.D
 Acq: 06 May 2024 15:16

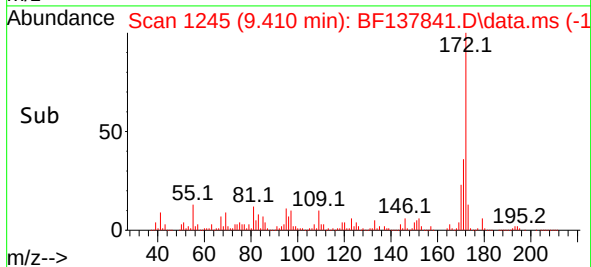
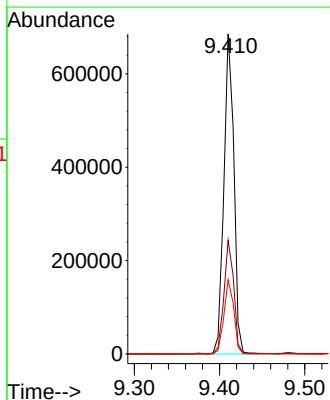
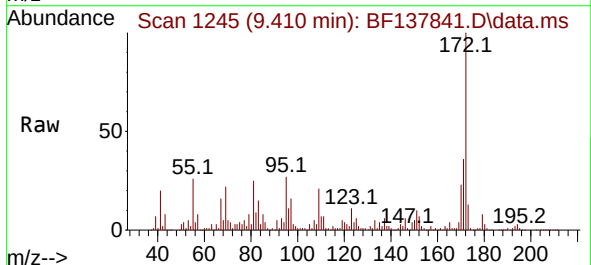
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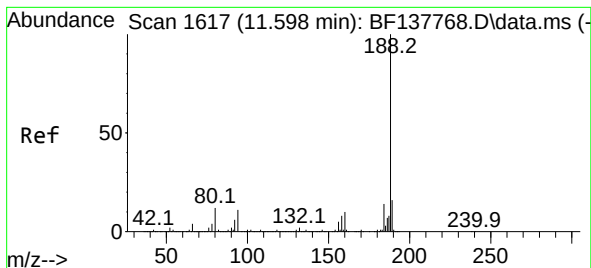
Tgt Ion:330 Resp: 116842
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 20.8 23.8 35.6#



#45
 2-Fluorobiphenyl
 Concen: 62.305 ng
 RT: 9.410 min Scan# 1245
 Delta R.T. -0.012 min
 Lab File: BF137841.D
 Acq: 06 May 2024 15:16

Tgt Ion:172 Resp: 560475
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF137841.D

Acq: 06 May 2024 15:16

Instrument :

BNA_F

ClientSampleId :

PE-4(4.0-4.5)

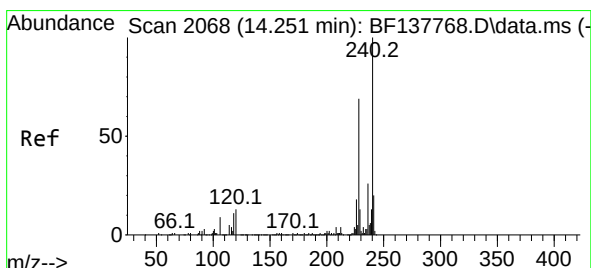
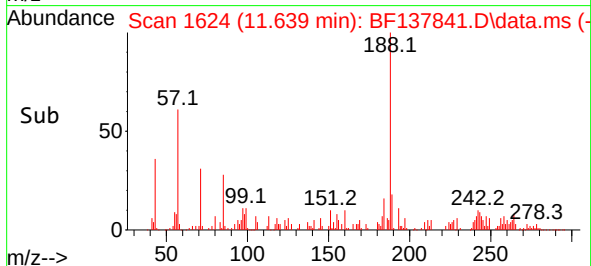
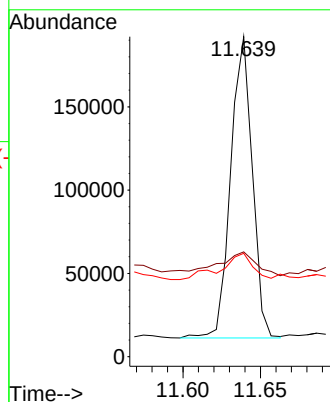
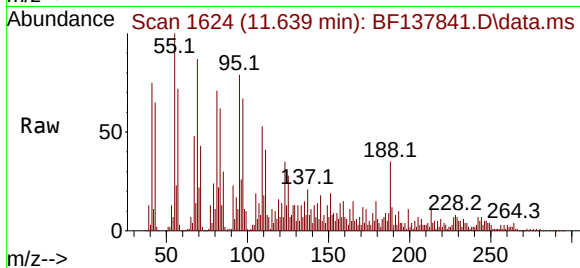
Tgt Ion:188 Resp: 175171

Ion Ratio Lower Upper

188 100

94 32.8 8.8 13.2#

80 32.3 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.274 min Scan# 2072

Delta R.T. 0.023 min

Lab File: BF137841.D

Acq: 06 May 2024 15:16

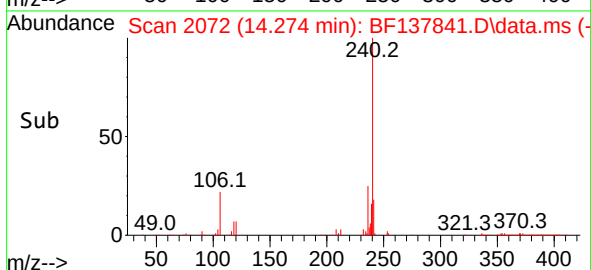
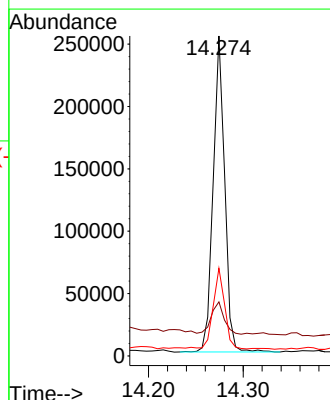
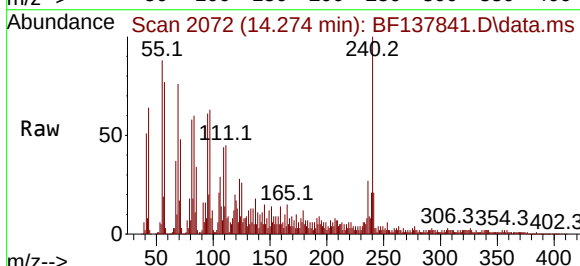
Tgt Ion:240 Resp: 214641

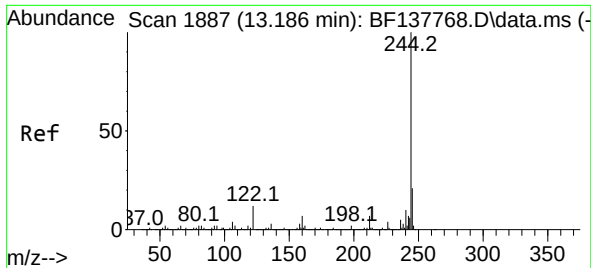
Ion Ratio Lower Upper

240 100

120 16.9 10.4 15.6#

236 27.4 20.4 30.6

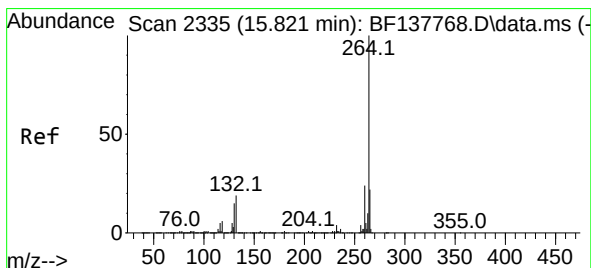
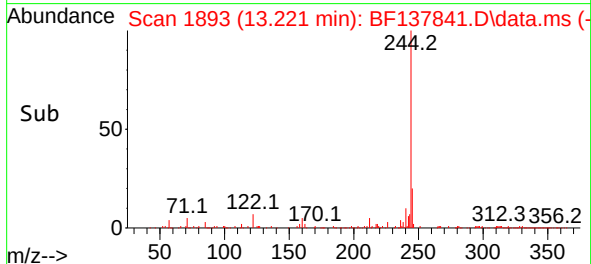
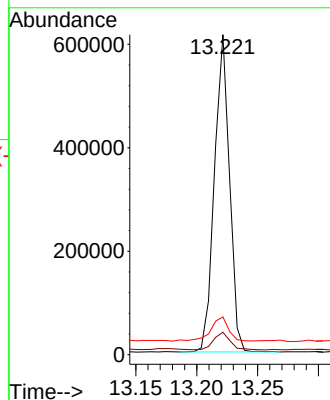
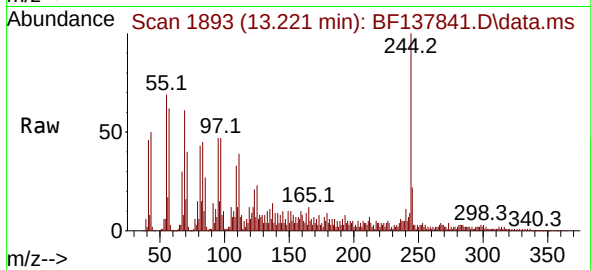




#79
 Terphenyl-d14
 Concen: 41.395 ng
 RT: 13.221 min Scan# 1887
 Delta R.T. 0.035 min
 Lab File: BF137841.D
 Acq: 06 May 2024 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(4.0-4.5)

Tgt Ion:244 Resp: 530183
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.8 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. 0.006 min
 Lab File: BF137841.D
 Acq: 06 May 2024 15:16

Tgt Ion:264 Resp: 256583
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.4 17.4 26.0

