

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137852.D
 Acq On : 08 May 2024 13:41
 Operator : CG\JU
 Sample : P2411-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Quant Time: May 08 14:14:22 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	150615	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	599335	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	352885	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	595442	20.000	ng	0.00
76) Chrysene-d12	14.245	240	322624	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	302234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	774749	86.124	ng	0.00
7) Phenol-d6	6.663	99	975530	85.496	ng	-0.01
23) Nitrobenzene-d5	7.610	82	597138	57.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	314260	87.221	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1277970	58.754	ng	-0.01
79) Terphenyl-d14	13.180	244	1335654	69.380	ng	0.00

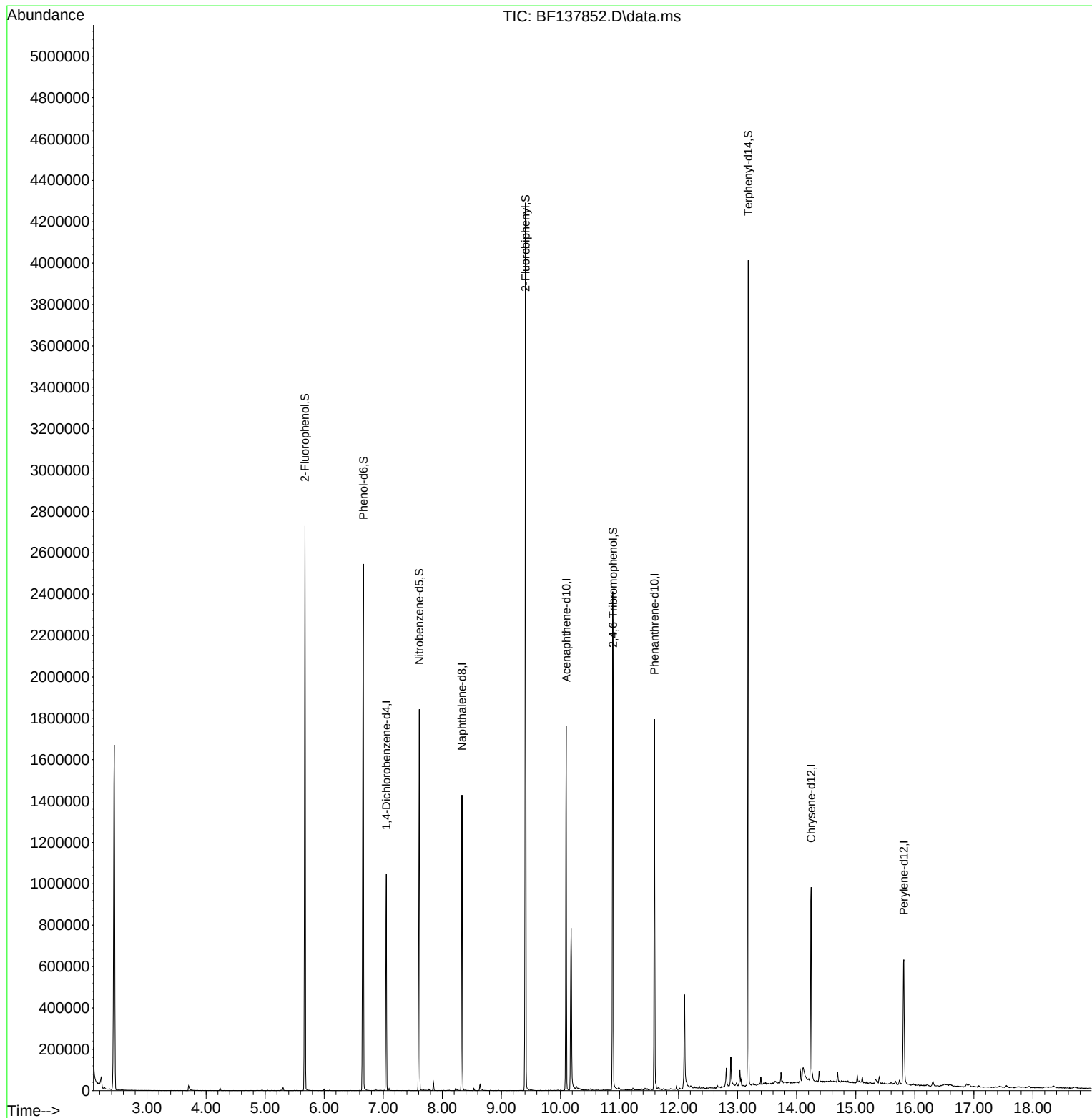
Target Compounds	Qvalue

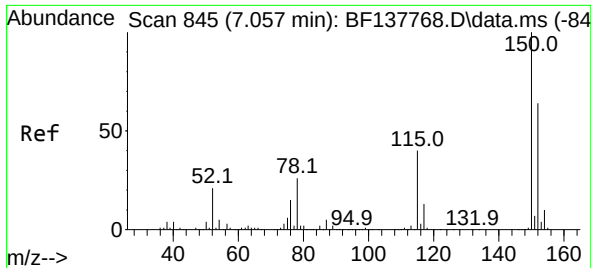
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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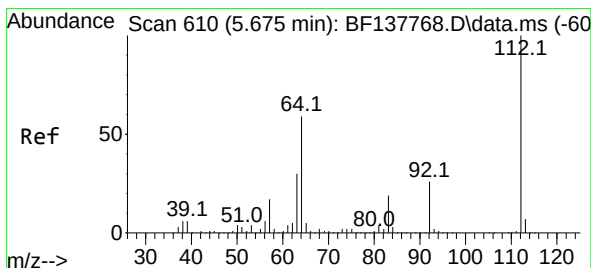
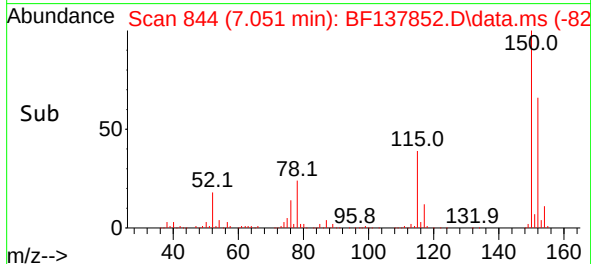
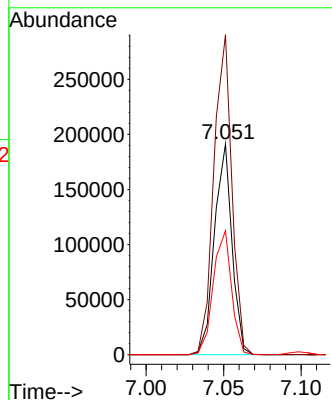
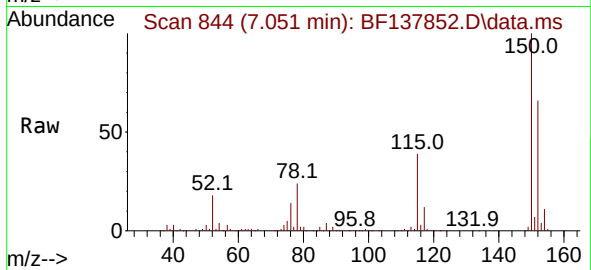




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

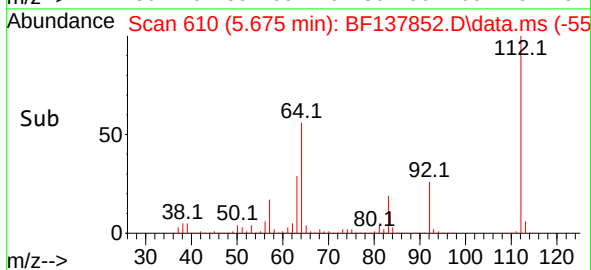
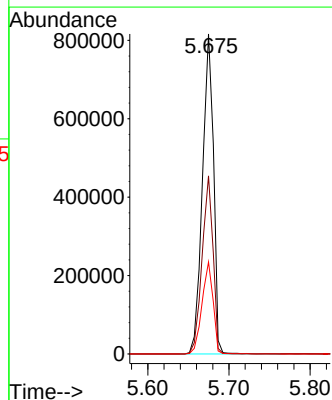
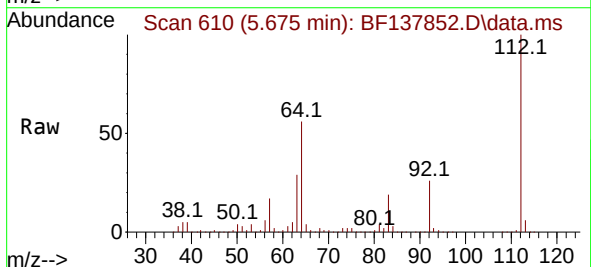
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

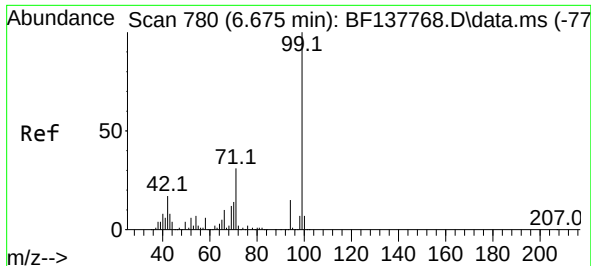
Tgt Ion:152 Resp: 150615
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 58.8 49.1 73.7



#5
2-Fluorophenol
Concen: 86.124 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion:112 Resp: 774749
Ion Ratio Lower Upper
112 100
64 55.6 47.3 70.9
63 28.8 23.7 35.5

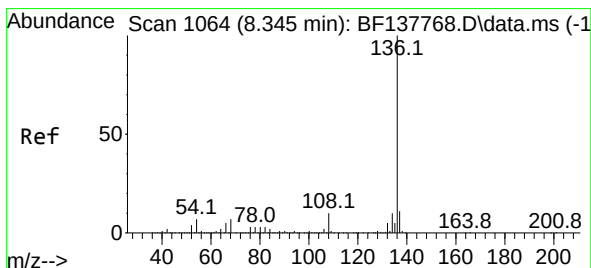
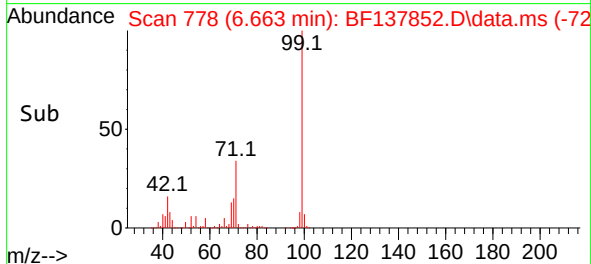
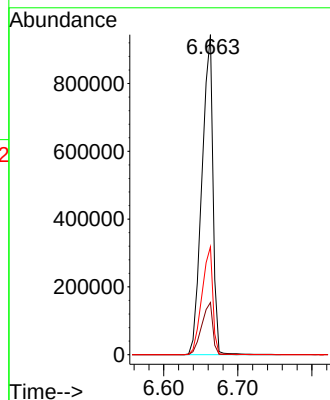
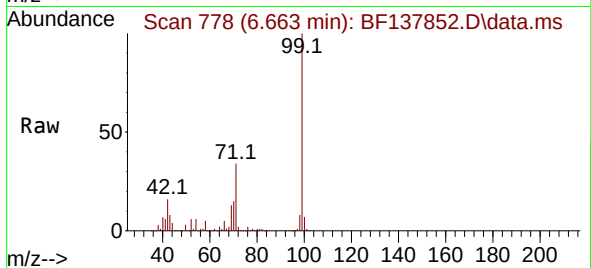




#7
Phenol-d6
Concen: 85.496 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

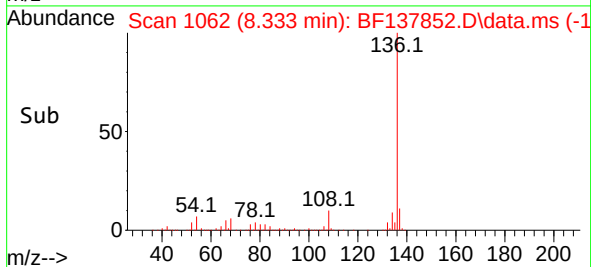
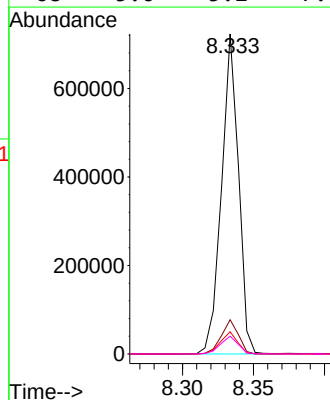
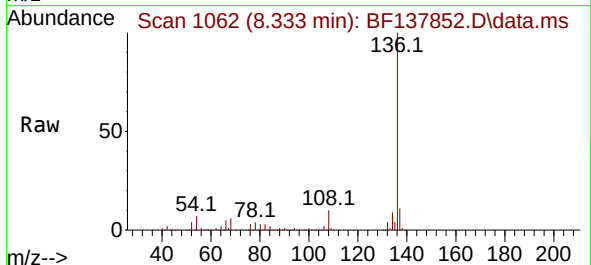
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

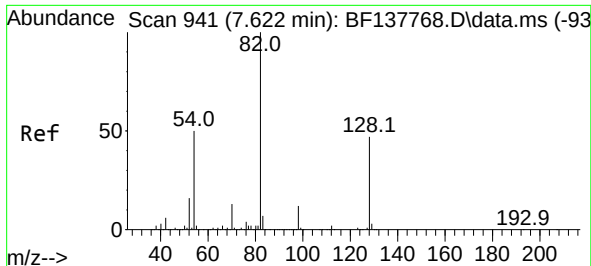
Tgt Ion: 99 Resp: 975530
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 33.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

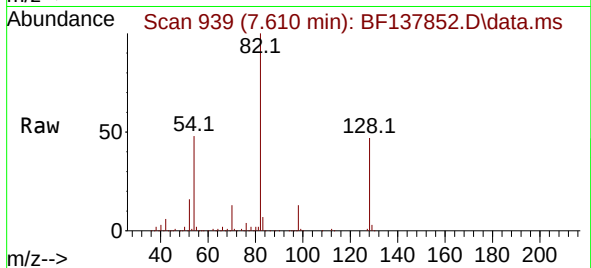
Tgt Ion: 136 Resp: 599335
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.9 5.8 8.8
68 5.6 5.2 7.8



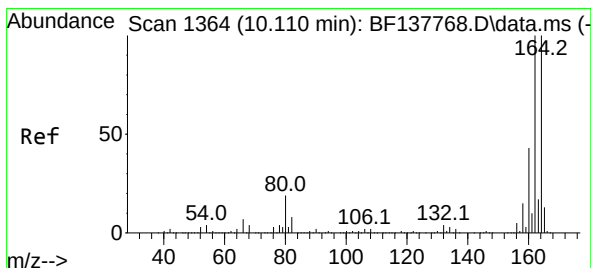
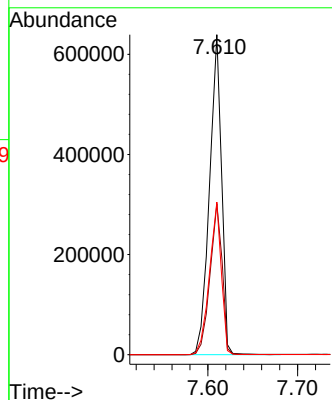
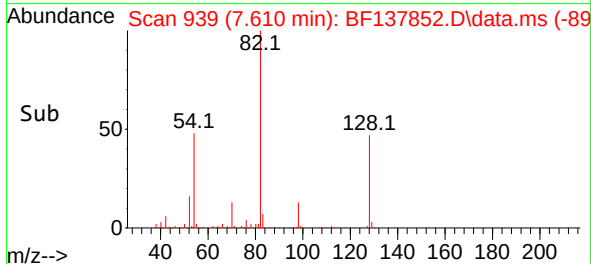


#23
Nitrobenzene-d5
Concen: 57.885 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Instrument :
BNA_F
ClientSampleId :
WCS-TPA

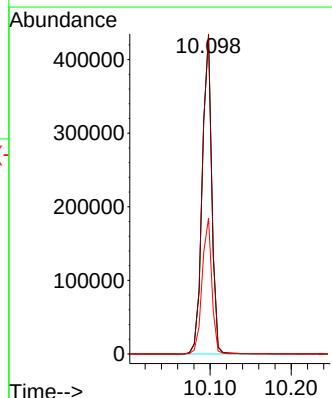
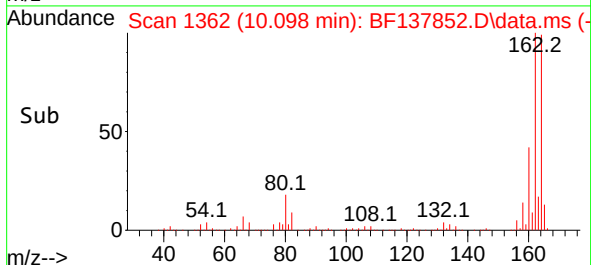
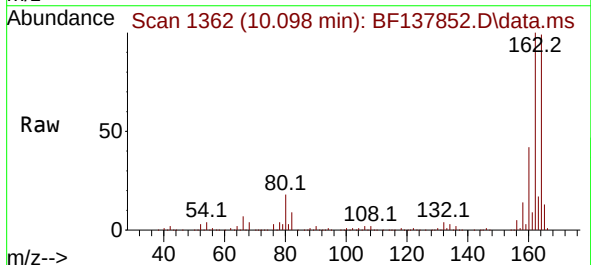


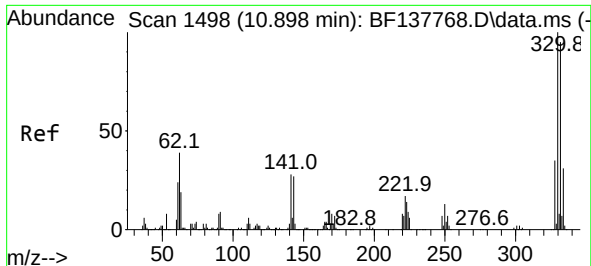
Tgt Ion: 82 Resp: 597138
Ion Ratio Lower Upper
82 100
128 47.2 37.5 56.3
54 47.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

Tgt Ion: 164 Resp: 352885
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 87.221 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

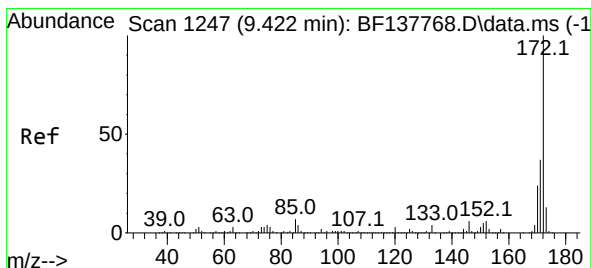
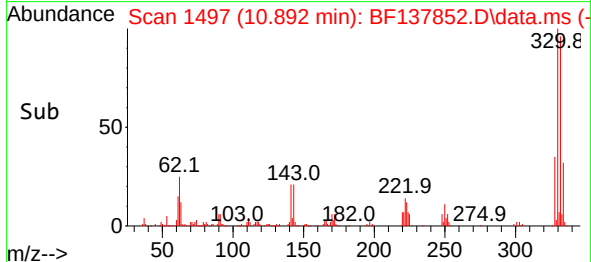
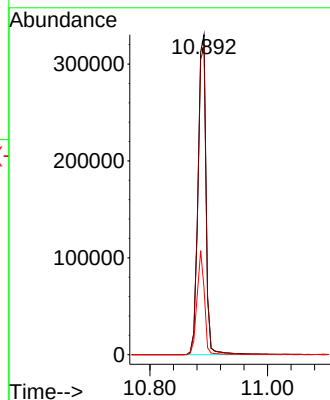
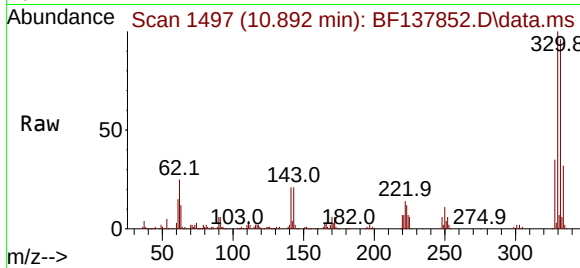
Tgt Ion:330 Resp: 314260

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 58.754 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137852.D

Acq: 08 May 2024 13:41

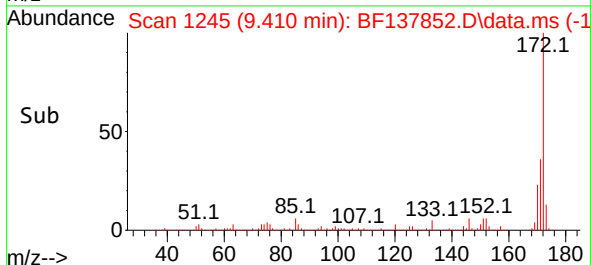
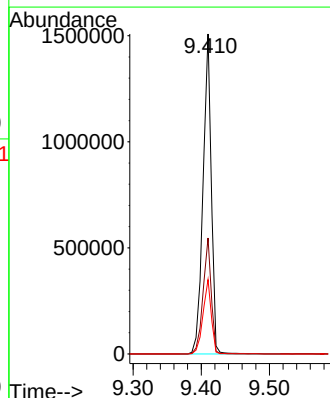
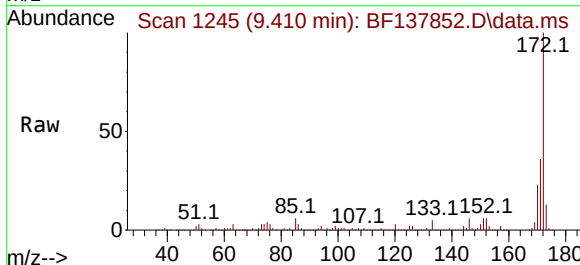
Tgt Ion:172 Resp: 1277970

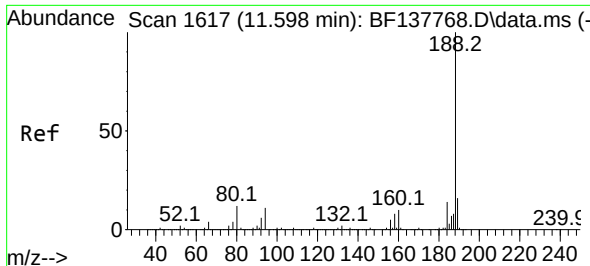
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 23.3 19.4 29.2

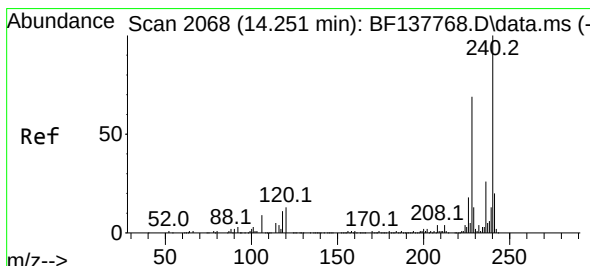
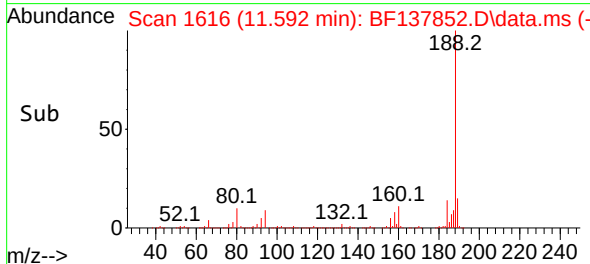
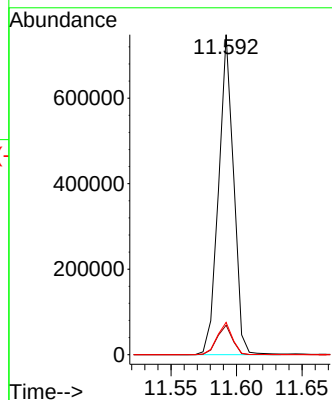
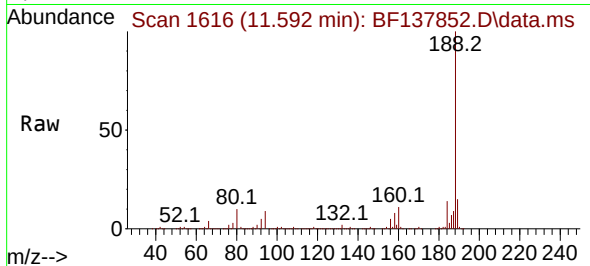




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

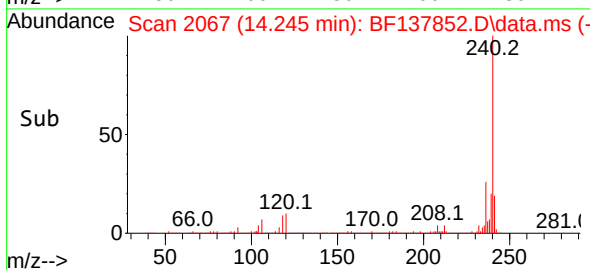
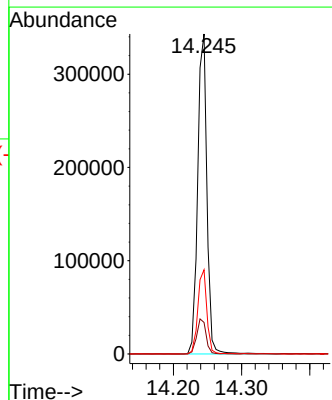
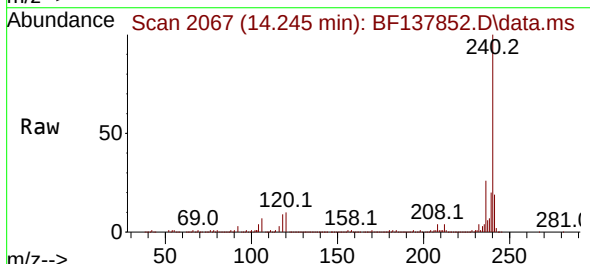
Instrument :
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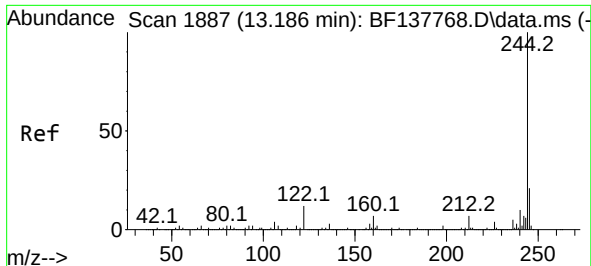
Tgt Ion:188 Resp: 595442
Ion Ratio Lower Upper
188 100
94 9.2 8.8 13.2
80 10.1 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137852.D
Acq: 08 May 2024 13:41

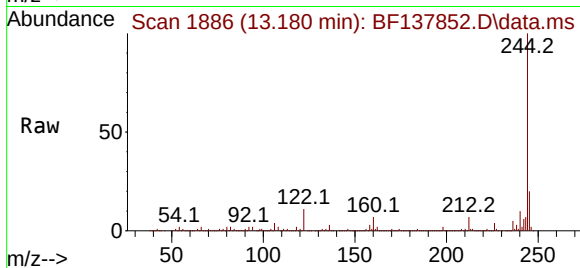
Tgt Ion:240 Resp: 322624
Ion Ratio Lower Upper
240 100
120 9.8 10.4 15.6#
236 26.3 20.4 30.6



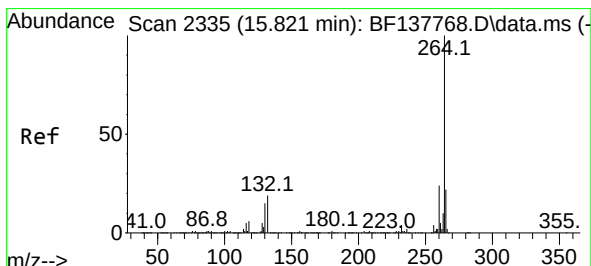
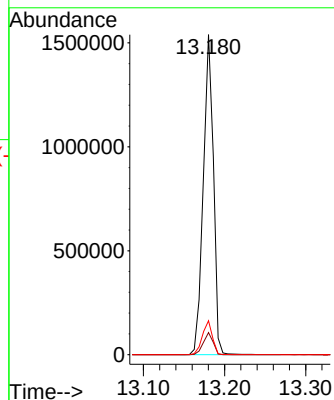
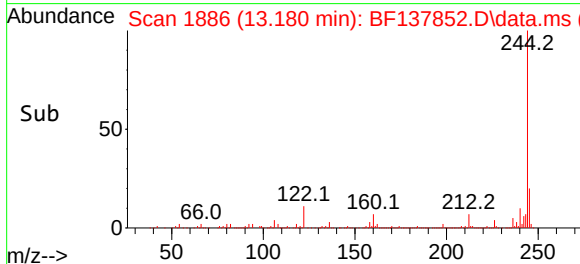


#79
 Terphenyl-d14
 Concen: 69.380 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137852.D
 Acq: 08 May 2024 13:41

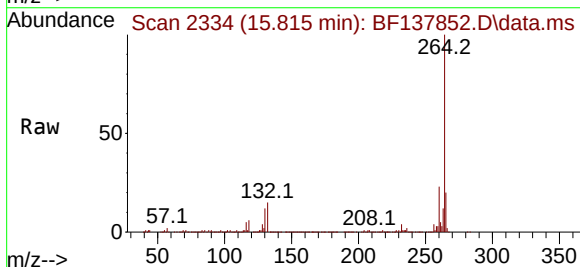
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA



Tgt Ion:244 Resp: 1335654
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137852.D
 Acq: 08 May 2024 13:41



Tgt Ion:264 Resp: 302234
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 20.2 17.4 26.0

