

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137869.D
 Acq On : 09 May 2024 17:55
 Operator : CG\JU
 Sample : P2411-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPA

Quant Time: May 09 19:28:23 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	165776	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	634859	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	364779	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	615005	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	324537	20.000	ng	-0.01
86) Perylene-d12	15.810	264	239893	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	939863	94.923	ng	0.00
7) Phenol-d6	6.663	99	1081920	86.148	ng	-0.01
23) Nitrobenzene-d5	7.610	82	792405	72.516	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	452140	121.397	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1678176	74.637	ng	-0.01
79) Terphenyl-d14	13.180	244	1953015	100.851	ng	0.00

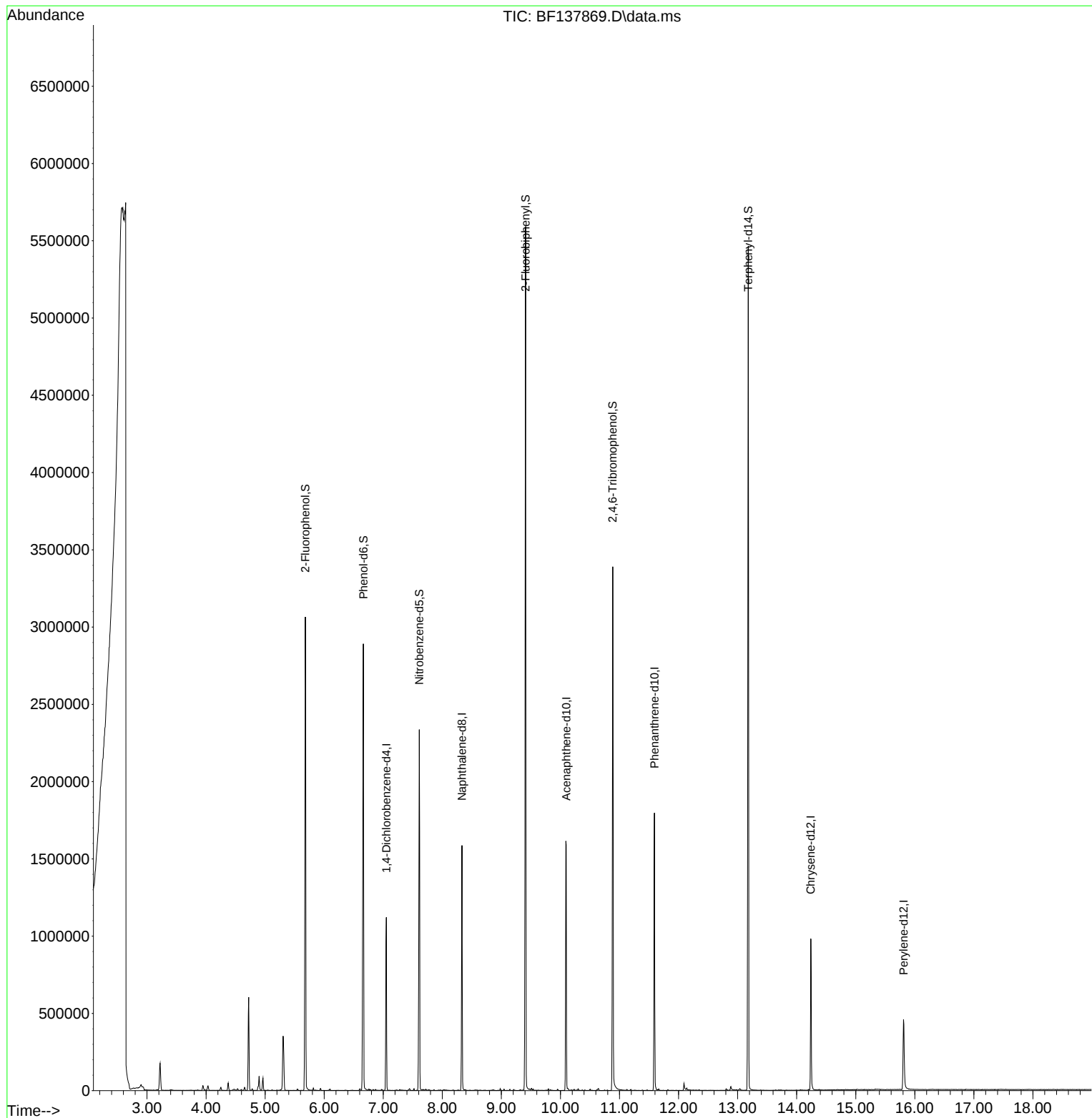
Target Compounds	Qvalue

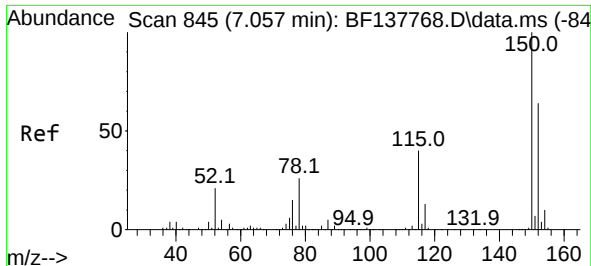
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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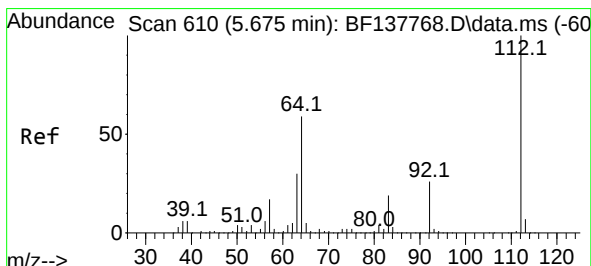
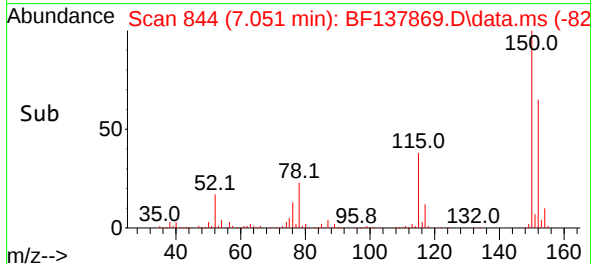
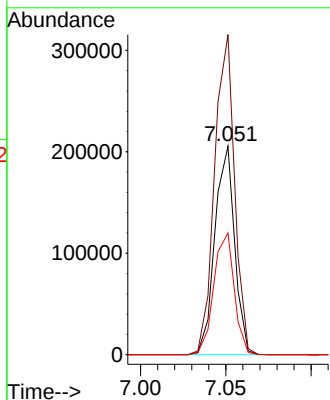
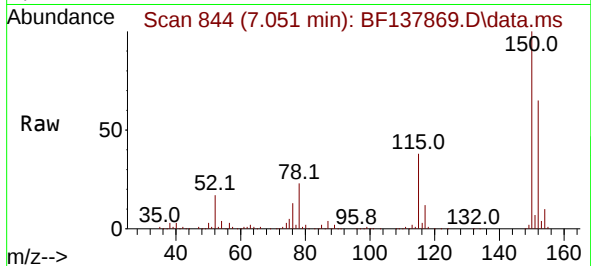




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

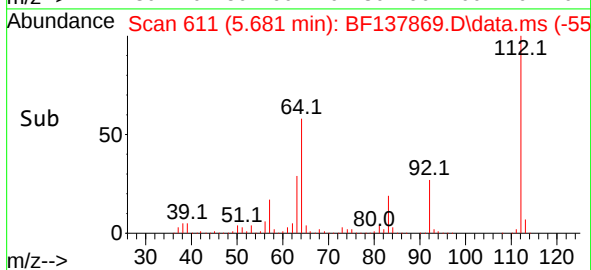
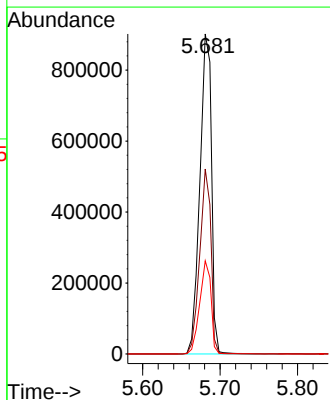
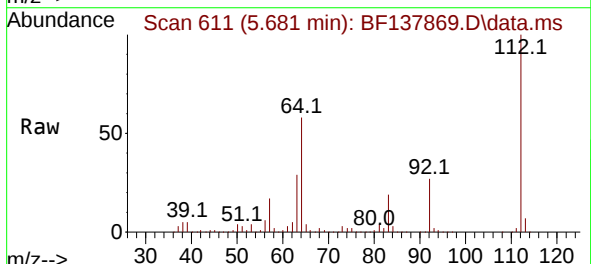
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

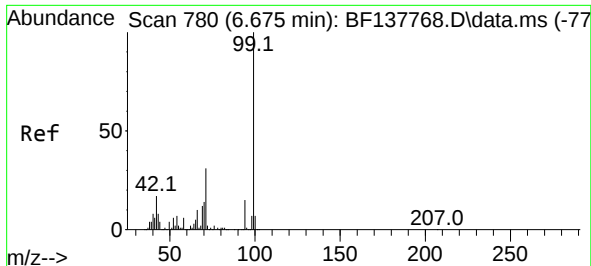
Tgt Ion:152 Resp: 165776
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 58.3 49.1 73.7



#5
2-Fluorophenol
Concen: 94.923 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion:112 Resp: 939863
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 29.1 23.7 35.5

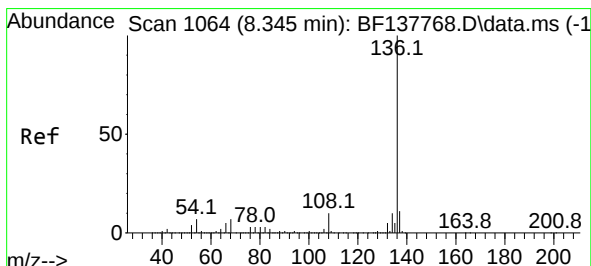
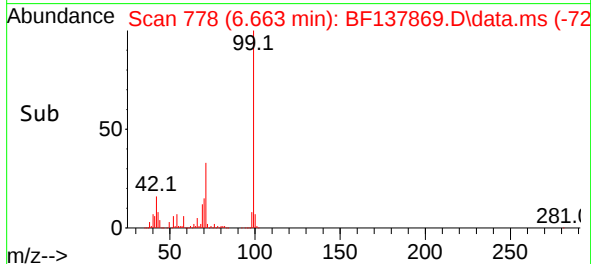
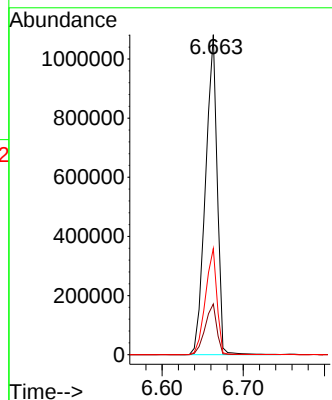
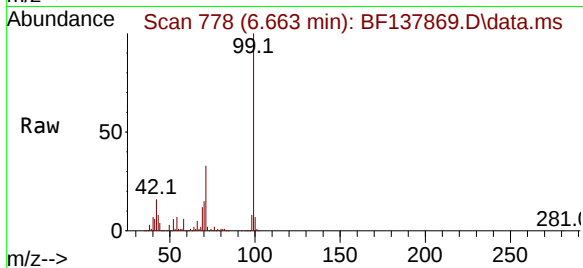




#7
Phenol-d6
Concen: 86.148 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

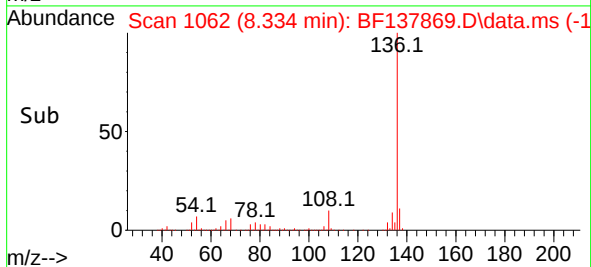
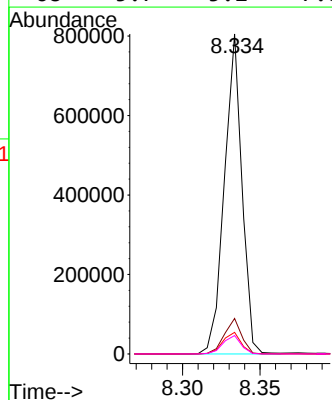
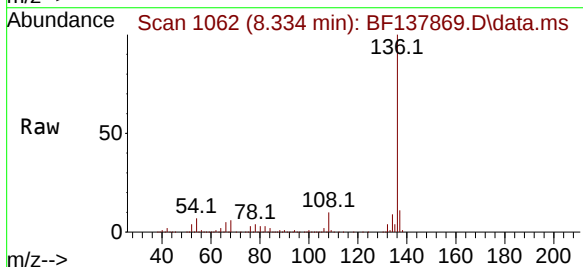
Instrument :
BNA_F
ClientSampleId :
WCS-TPA

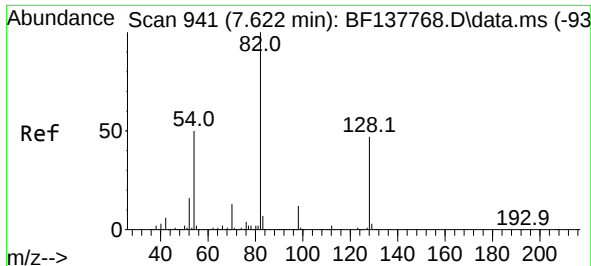
Tgt Ion: 99 Resp: 1081920
Ion Ratio Lower Upper
99 100
42 15.9 13.2 19.8
71 33.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion: 136 Resp: 634859
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.8 8.8
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 72.516 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

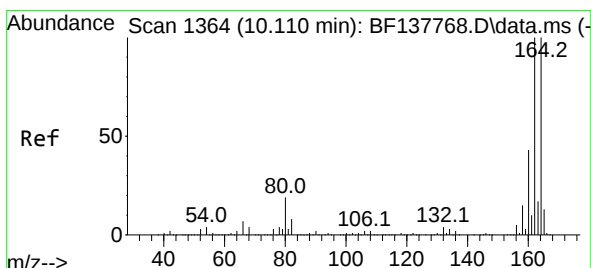
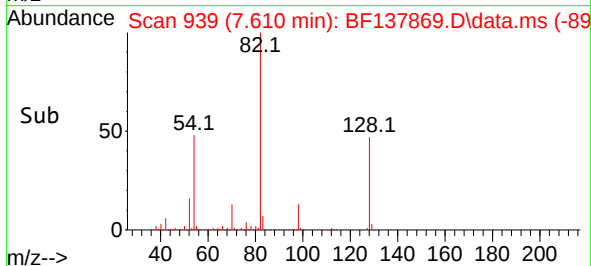
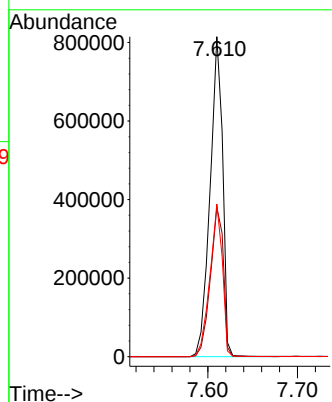
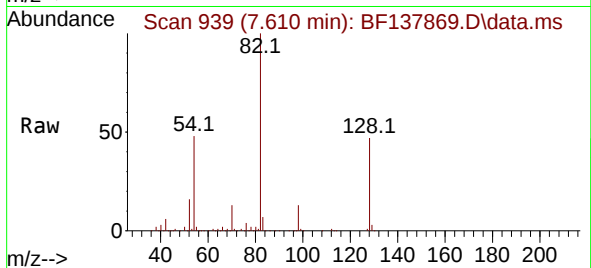
Tgt Ion: 82 Resp: 792405

Ion Ratio Lower Upper

82 100

128 46.8 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: BF137869.D

Acq: 09 May 2024 17:55

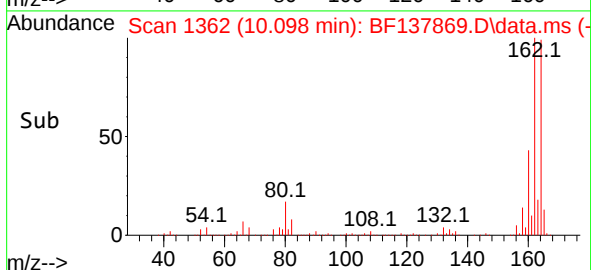
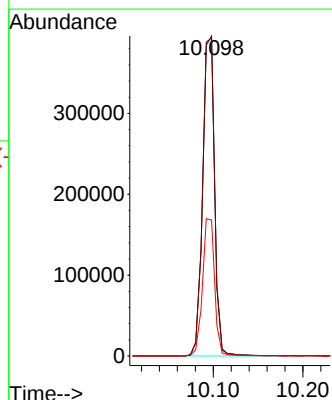
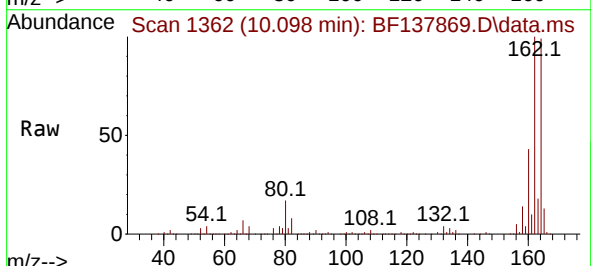
Tgt Ion:164 Resp: 364779

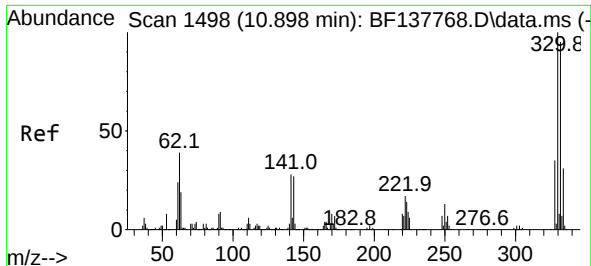
Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.6

160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.397 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

Instrument :

BNA_F

ClientSampleId :

WCS-TPA

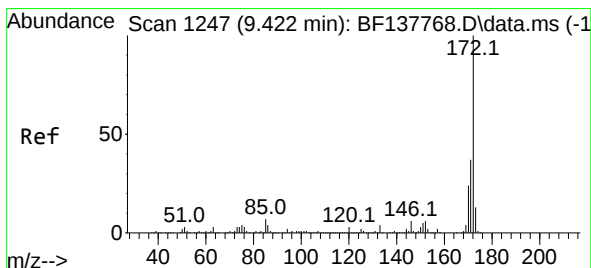
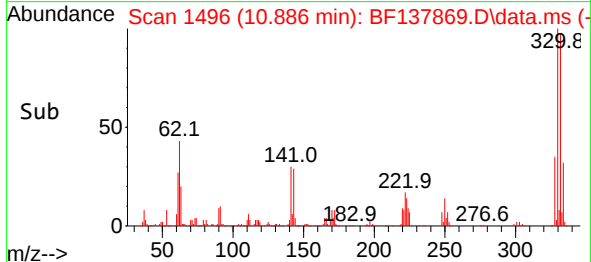
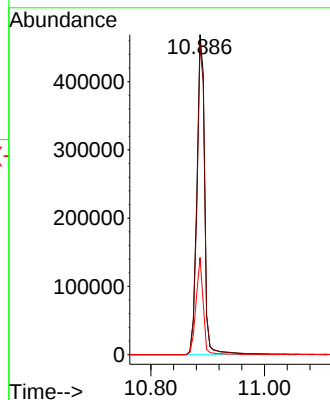
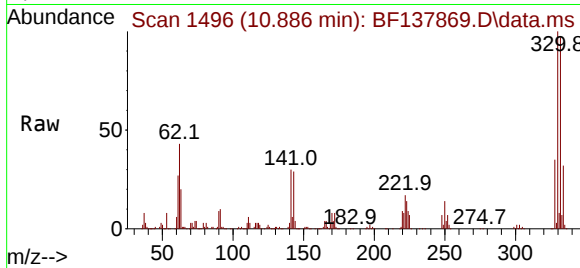
Tgt Ion:330 Resp: 452140

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 74.637 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137869.D

Acq: 09 May 2024 17:55

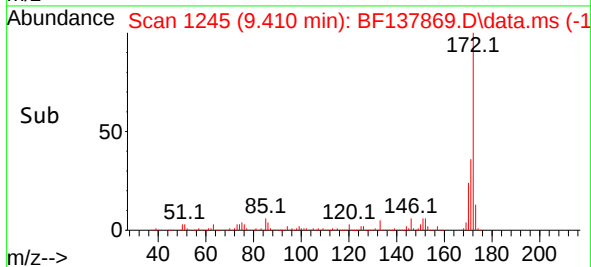
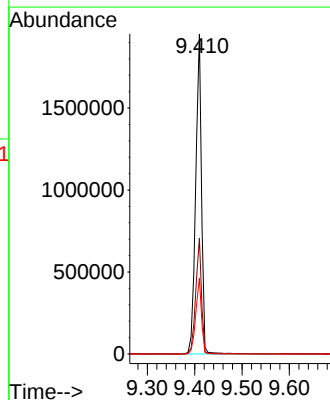
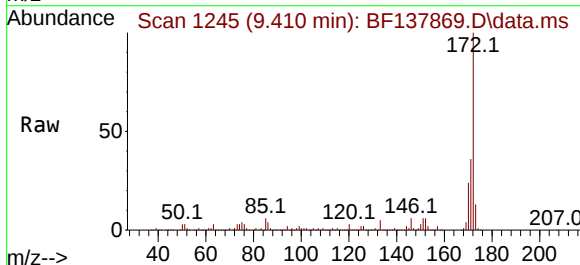
Tgt Ion:172 Resp: 1678176

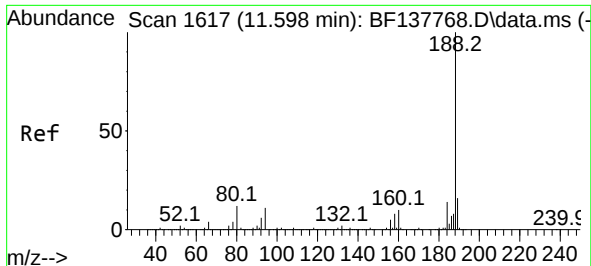
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 23.7 19.4 29.2

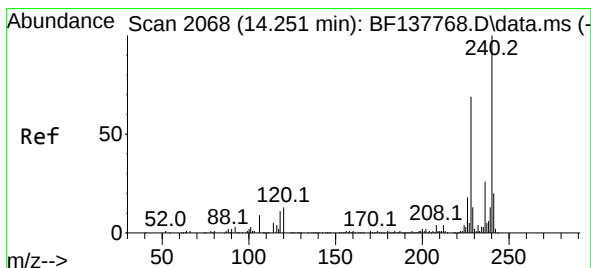
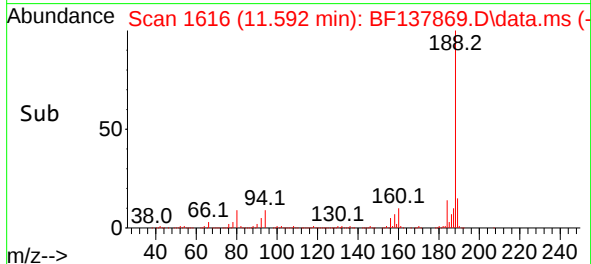
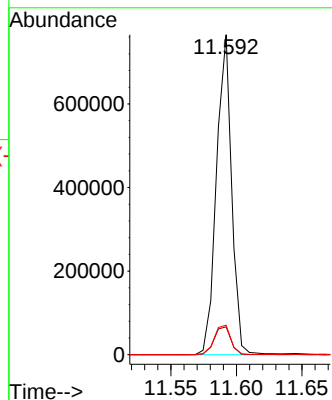
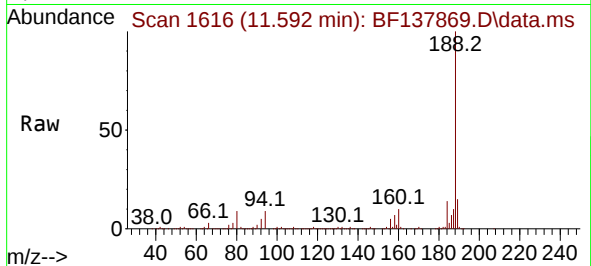




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

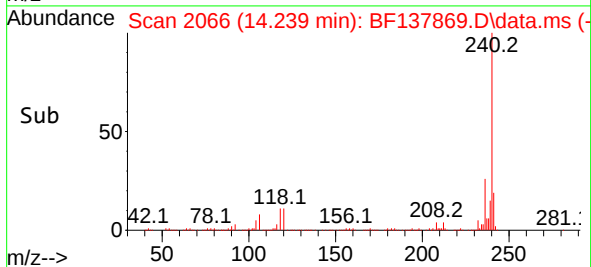
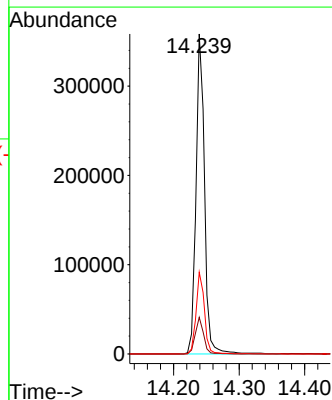
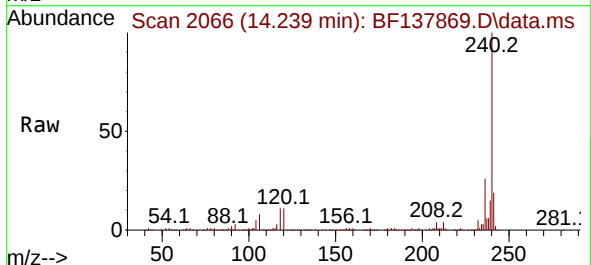
Instrument :
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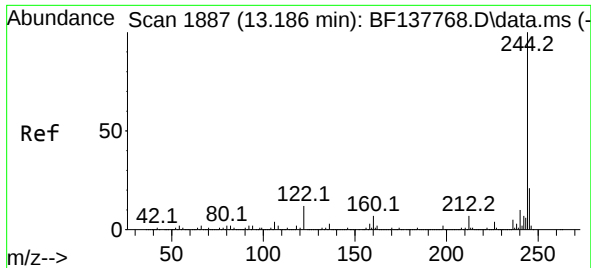
Tgt Ion:188 Resp: 615005
Ion Ratio Lower Upper
188 100
94 8.7 8.8 13.2#
80 9.2 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137869.D
Acq: 09 May 2024 17:55

Tgt Ion:240 Resp: 324537
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 25.6 20.4 30.6

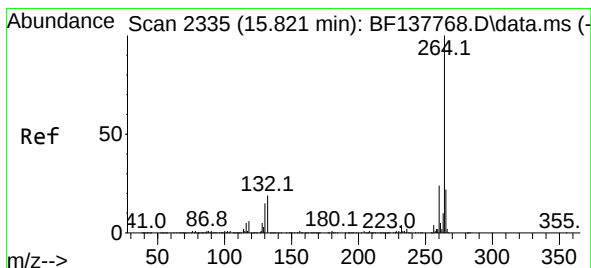
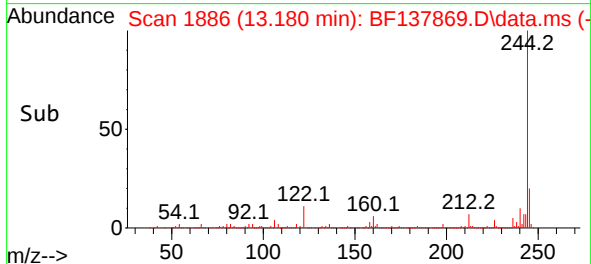
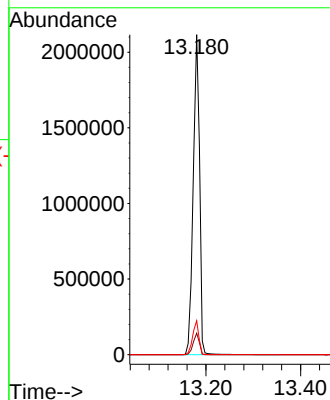
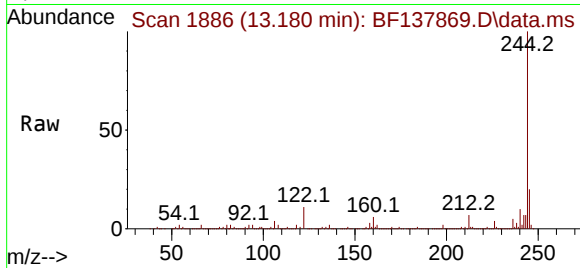




#79
 Terphenyl-d14
 Concen: 100.851 ng
 RT: 13.180 min Scan# 1887
 Delta R.T. -0.006 min
 Lab File: BF137869.D
 Acq: 09 May 2024 17:55

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1953015
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.6 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: BF137869.D
 Acq: 09 May 2024 17:55

Tgt Ion:264 Resp: 239893
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.9 17.4 26.0

