

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133867.D
 Acq On : 21 Jun 2023 13:04
 Operator : CG\JU
 Sample : PB153548BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153548BL

Quant Time: Jun 21 13:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109758	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	432090	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	225165	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	448525	20.000	ng	0.00
76) Chrysene-d12	14.051	240	248292	20.000	ng	0.00
86) Perylene-d12	15.557	264	225472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	824396	130.760	ng	0.02
7) Phenol-d6	6.504	99	989819	120.613	ng	0.01
23) Nitrobenzene-d5	7.422	82	694257	87.514	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	341387	119.777	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1279472	80.776	ng	0.00
79) Terphenyl-d14	12.992	244	1455141	90.684	ng	0.00

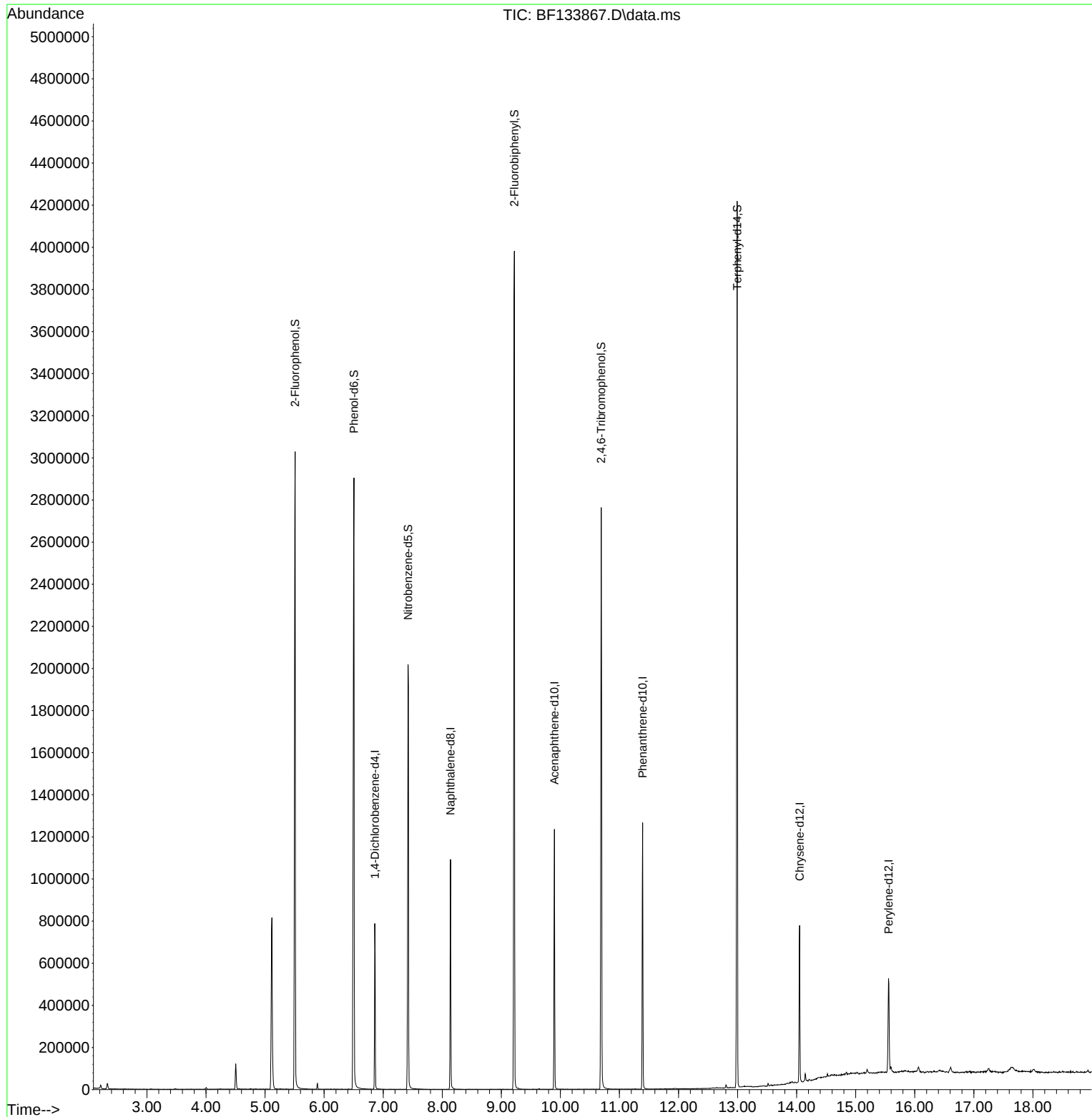
Target Compounds	Qvalue

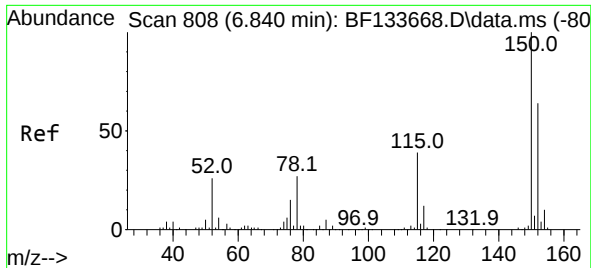
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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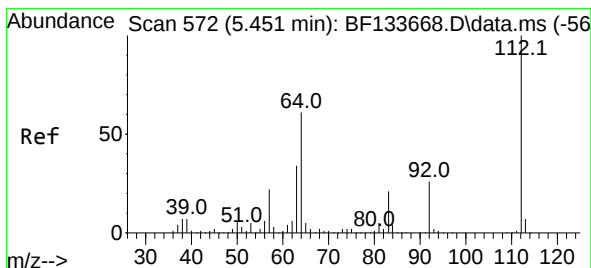
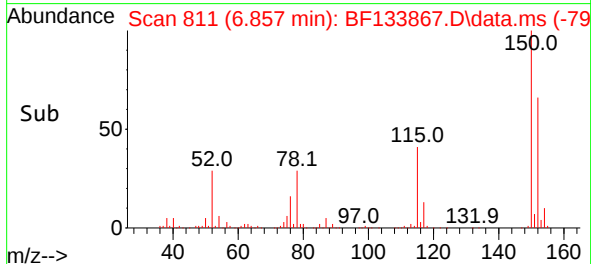
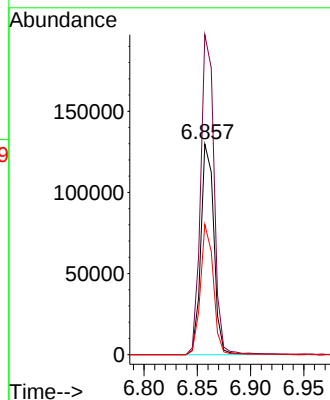
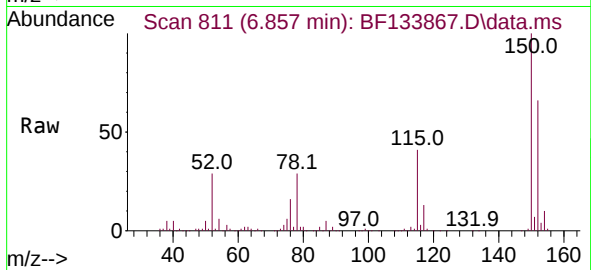




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

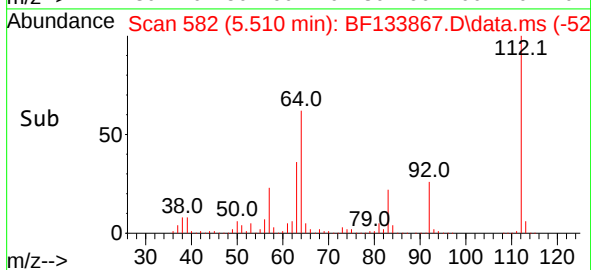
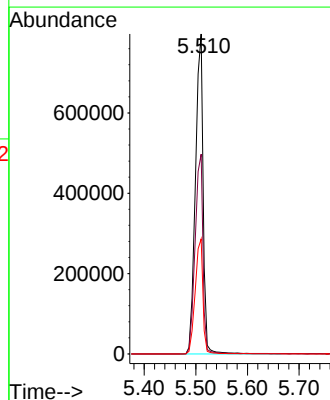
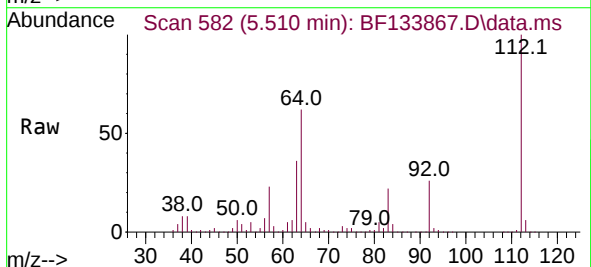
Instrument :
BNA_F
ClientSampleId :
PB153548BL

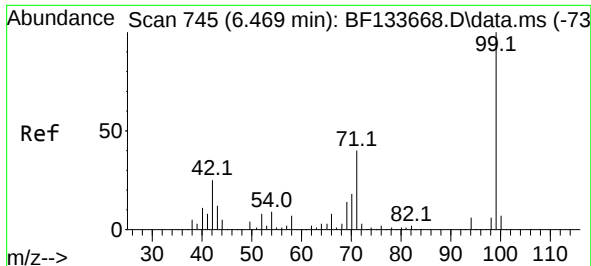
Tgt Ion:152 Resp: 109758
Ion Ratio Lower Upper
152 100
150 152.0 124.3 186.5
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 130.760 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

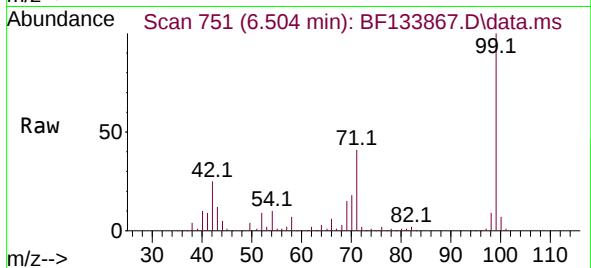
Tgt Ion:112 Resp: 824396
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.4
63 35.9 26.8 40.2



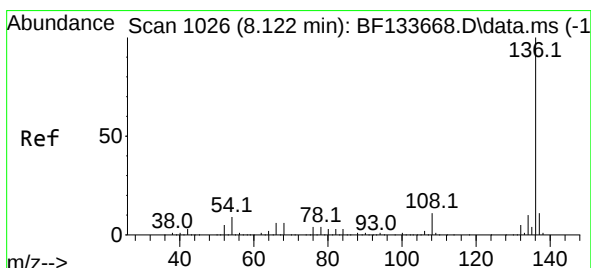
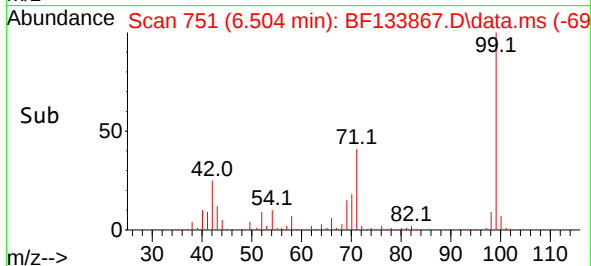
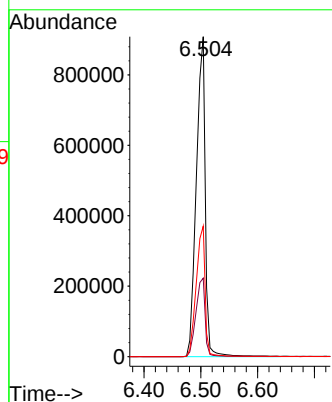


#7
Phenol-d6
Concen: 120.613 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB153548BL

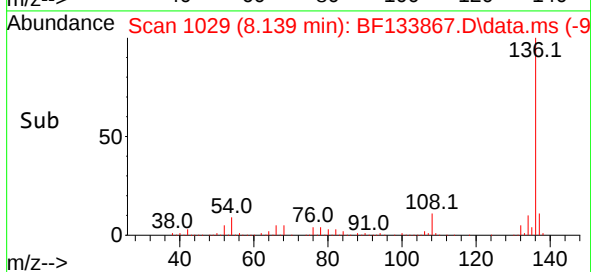
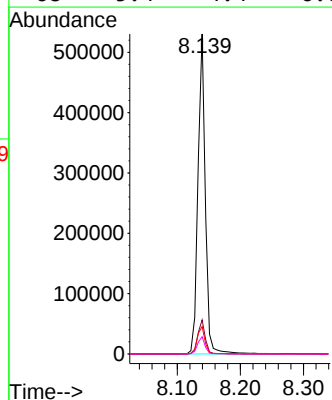
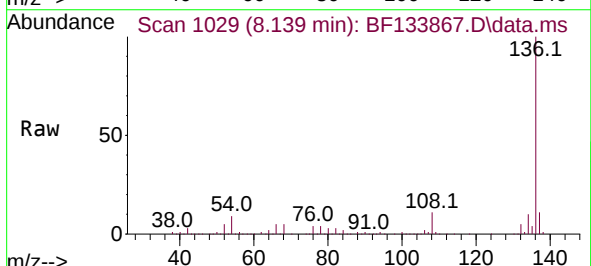


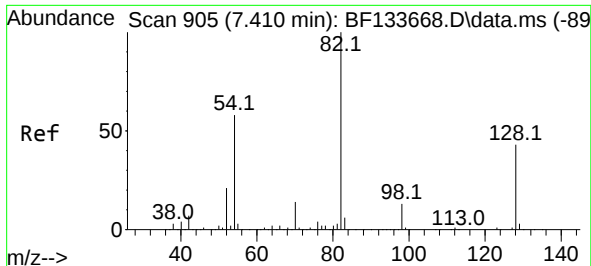
Tgt Ion: 99 Resp: 989819
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 40.8 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Tgt Ion: 136 Resp: 432090
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.5 7.4 11.0
68 5.4 4.4 6.6

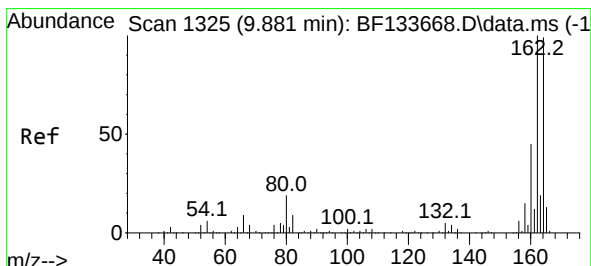
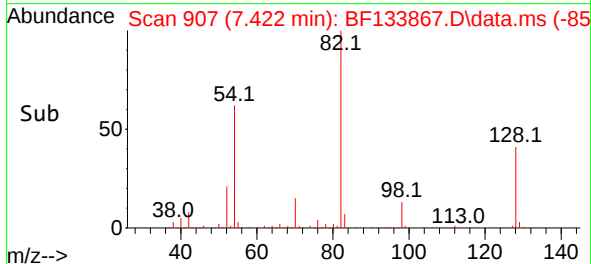
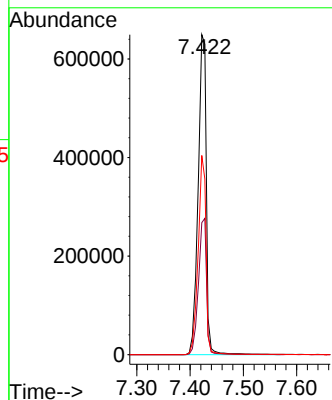
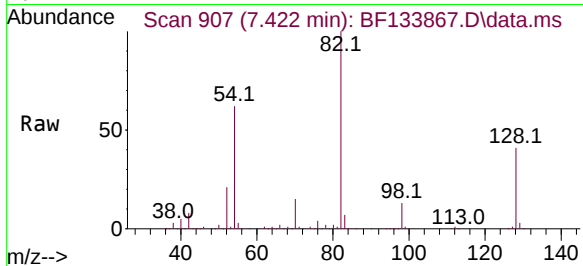




#23
Nitrobenzene-d5
Concen: 87.514 ng
RT: 7.422 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

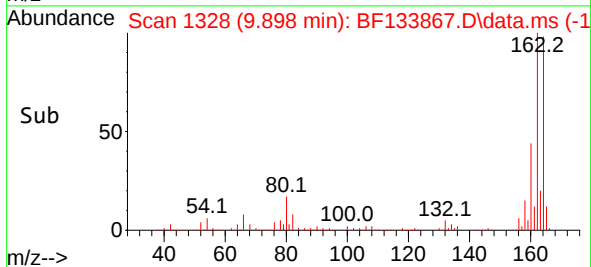
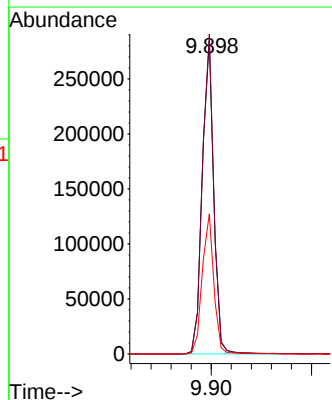
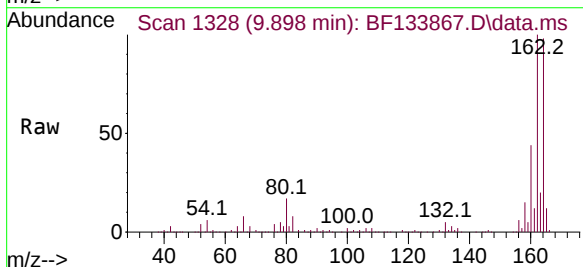
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ClientSampleId :
PB153548BL

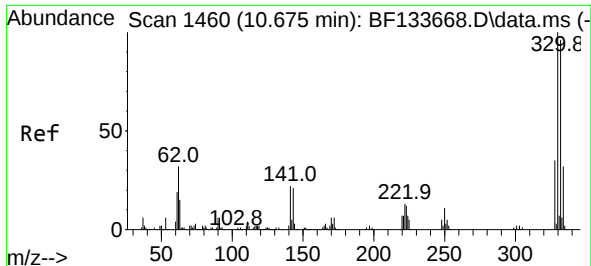
Tgt Ion: 82 Resp: 694257
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 62.2 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Tgt Ion:164 Resp: 225165
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 44.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 119.777 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB153548BL

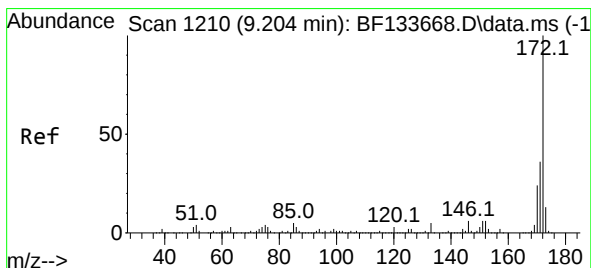
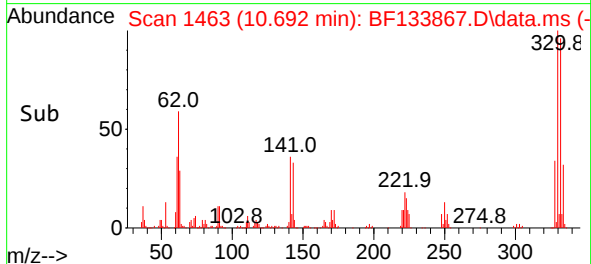
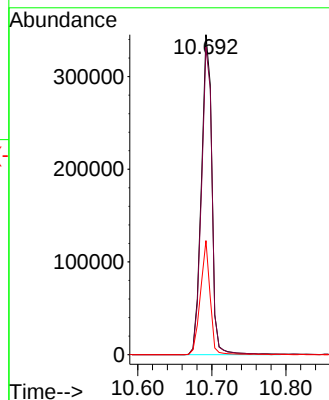
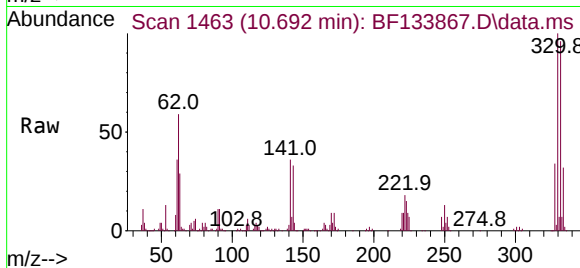
Tgt Ion:330 Resp: 341387

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 32.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 80.776 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

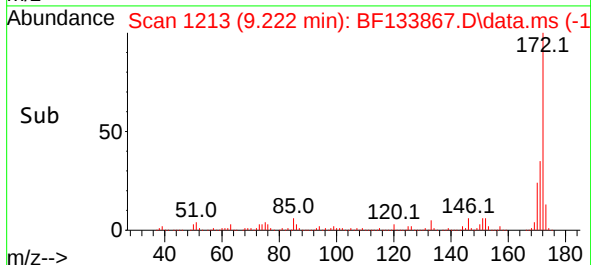
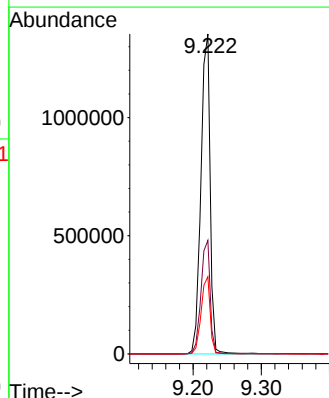
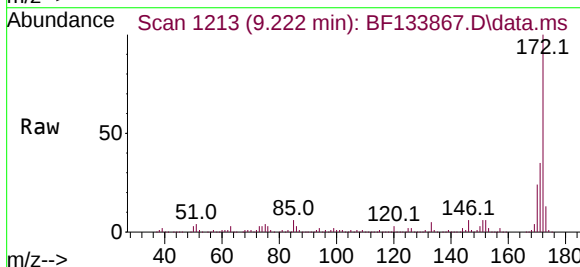
Tgt Ion:172 Resp: 1279472

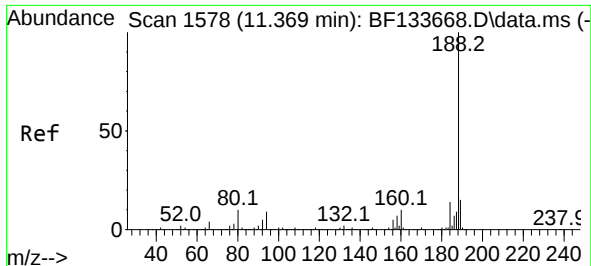
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.1 19.1 28.7

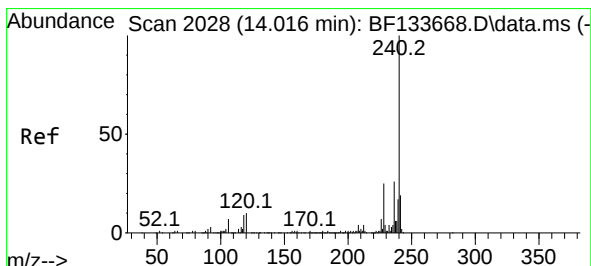
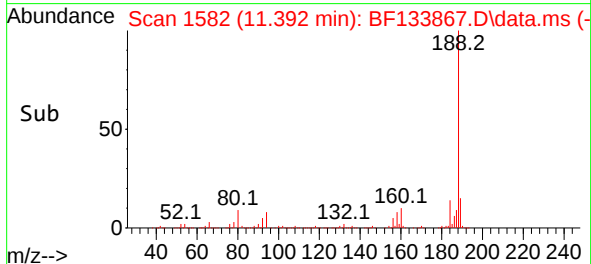
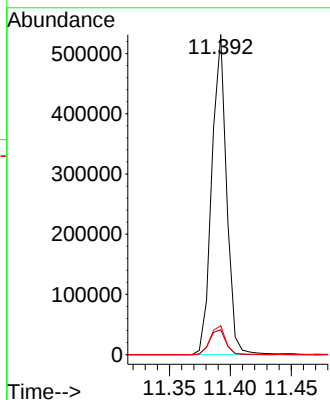
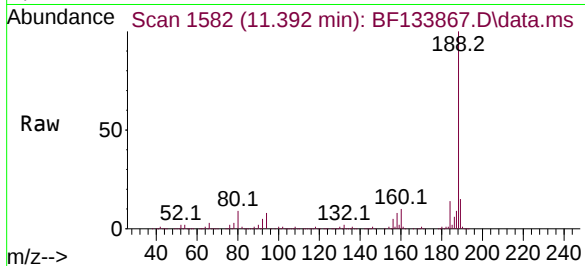




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

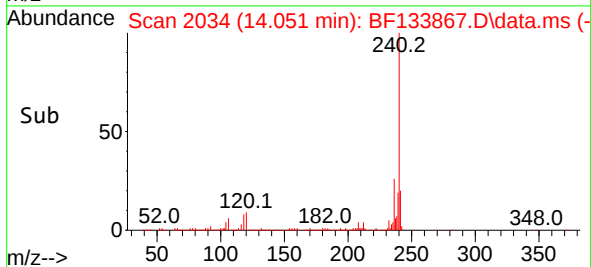
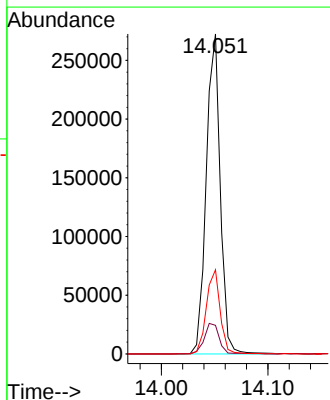
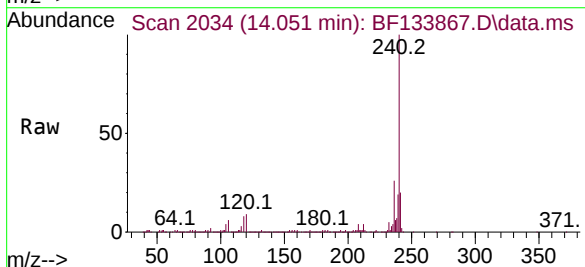
Instrument :
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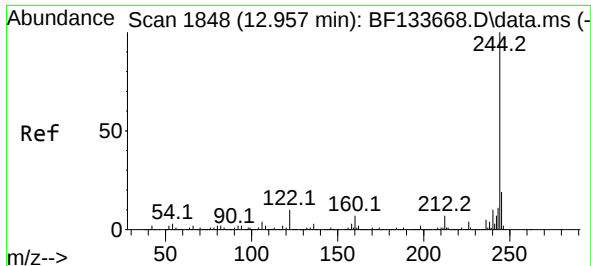
Tgt Ion:188 Resp: 448525
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 9.0 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Tgt Ion:240 Resp: 248292
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 26.3 20.5 30.7

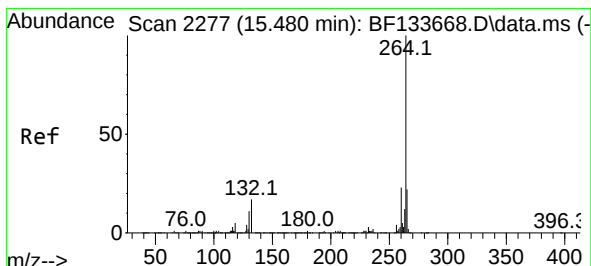
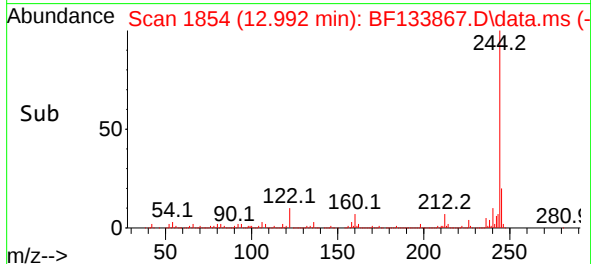
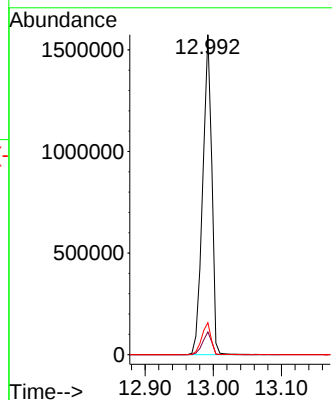
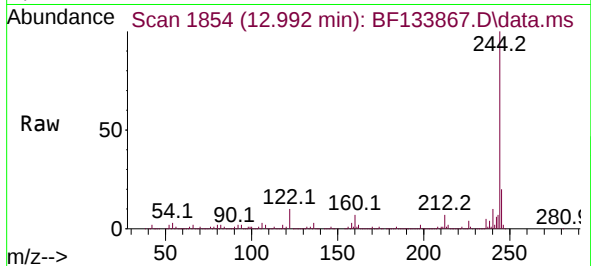




#79
 Terphenyl-d14
 Concen: 90.684 ng
 RT: 12.992 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF133867.D
 Acq: 21 Jun 2023 13:04

Instrument :
 BNA_F
 ClientSampleId :
 PB153548BL

Tgt Ion:244 Resp: 1455141
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF133867.D
 Acq: 21 Jun 2023 13:04

Tgt Ion:264 Resp: 225472
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 21.8 17.8 26.6

