

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133839.D
 Acq On : 19 Jun 2023 18:15
 Operator : CG\JU
 Sample : 03229-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09

Quant Time: Jun 19 18:42:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96620	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	373070	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	180561	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	312549	20.000	ng	0.00
76) Chrysene-d12	14.039	240	197014	20.000	ng	-0.01
86) Perylene-d12	15.551	264	233010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	589122	106.148	ng	0.00
7) Phenol-d6	6.492	99	639241	88.486	ng	0.00
23) Nitrobenzene-d5	7.422	82	523552	76.437	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	213754	93.523	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	955445	75.220	ng	0.00
79) Terphenyl-d14	12.986	244	847654	66.575	ng	0.00

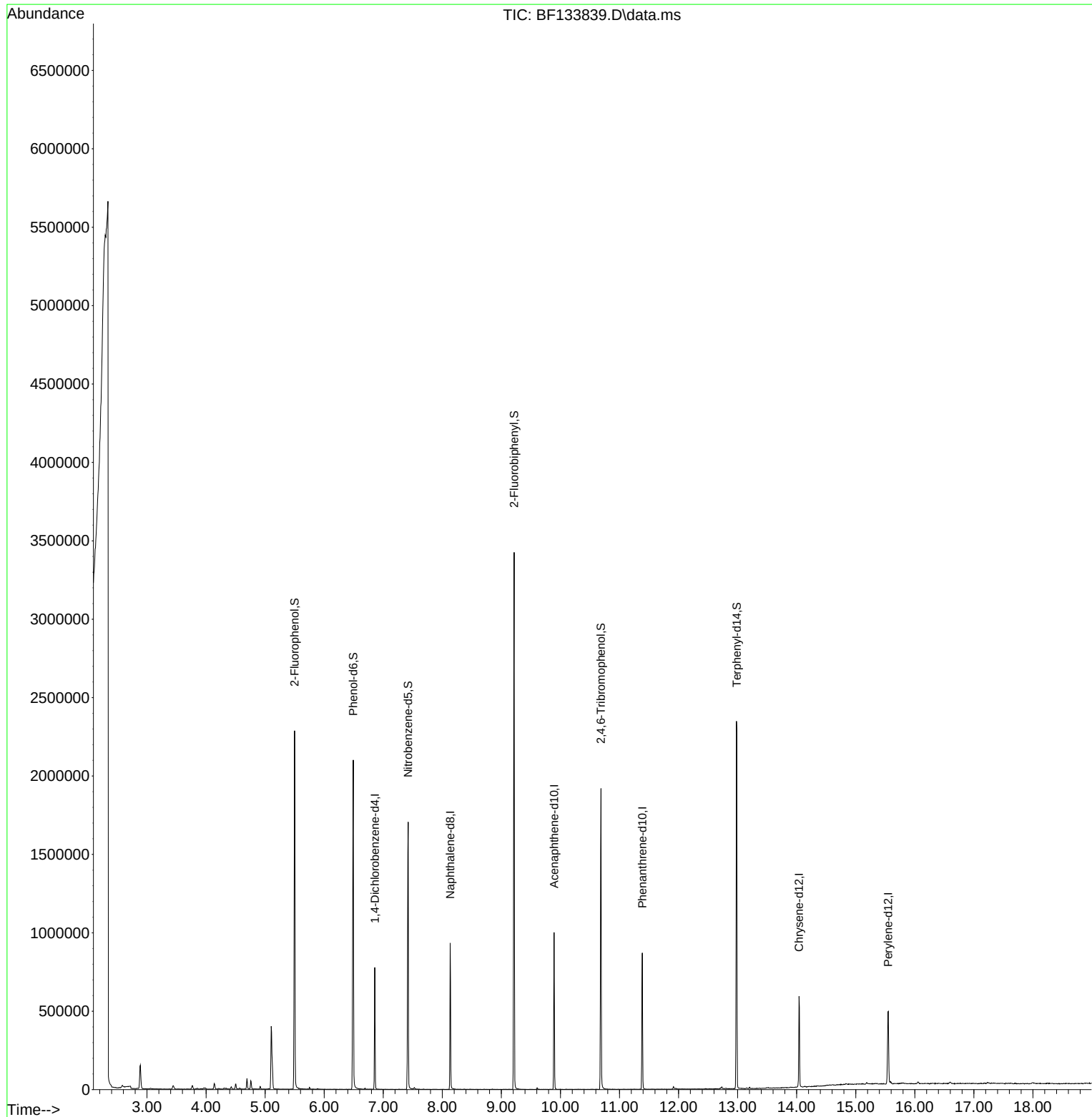
Target Compounds	Qvalue

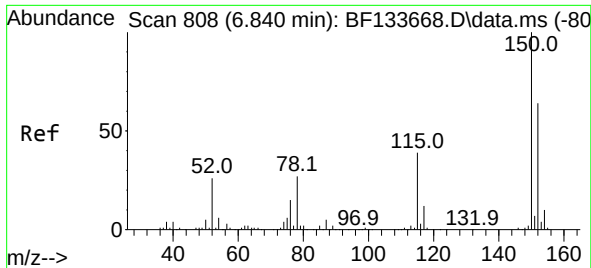
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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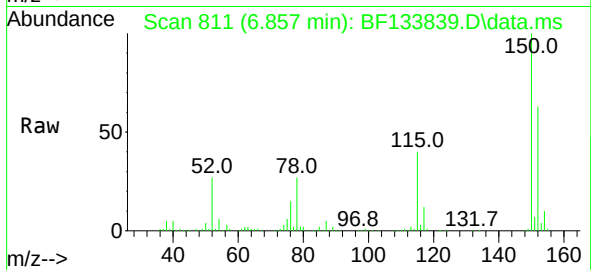
Quant Time: Jun 19 18:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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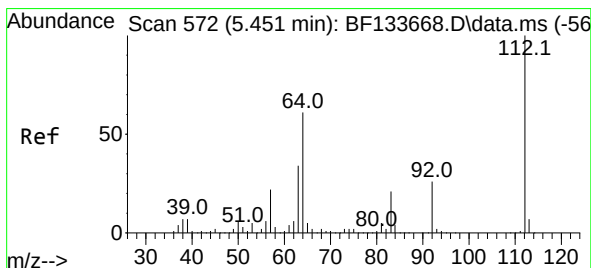
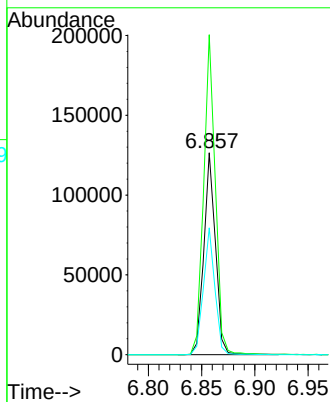
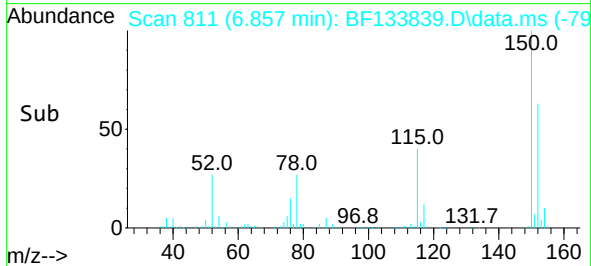


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133839.D
Acq: 19 Jun 2023 18:15

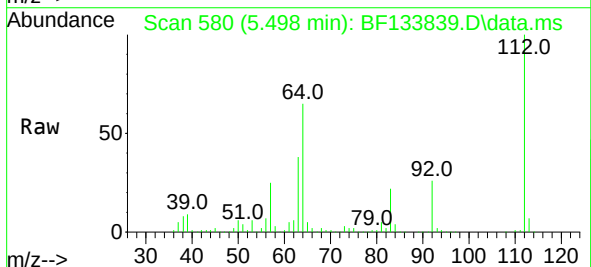
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09



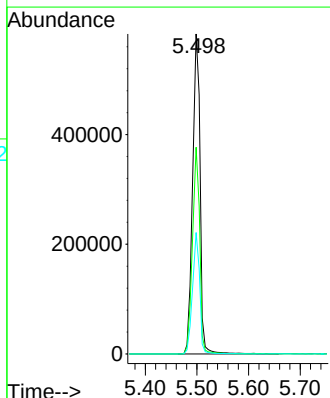
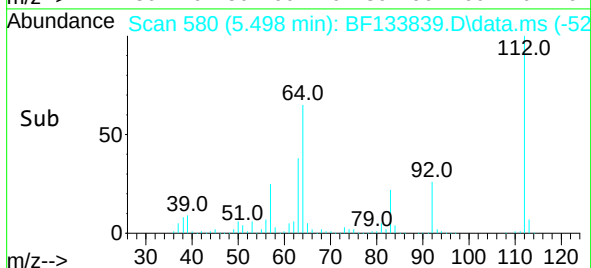
Tgt Ion:152 Resp: 96620
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 62.8 48.5 72.7

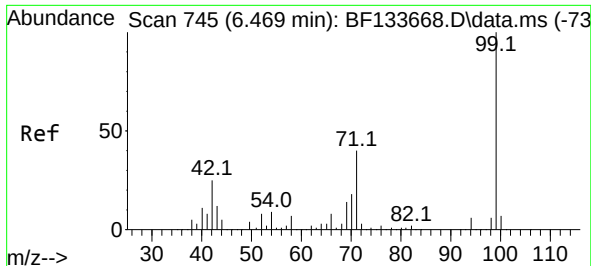


#5
2-Fluorophenol
Concen: 106.148 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133839.D
Acq: 19 Jun 2023 18:15



Tgt Ion:112 Resp: 589122
Ion Ratio Lower Upper
112 100
64 64.6 49.0 73.4
63 37.9 26.8 40.2

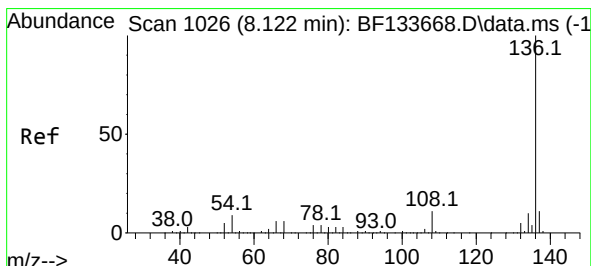
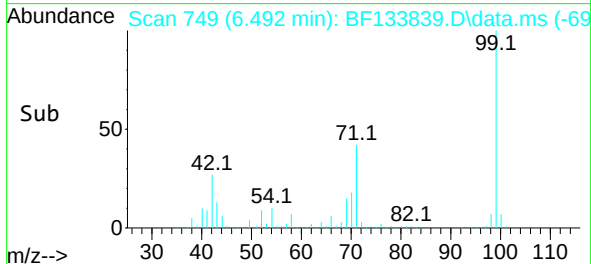
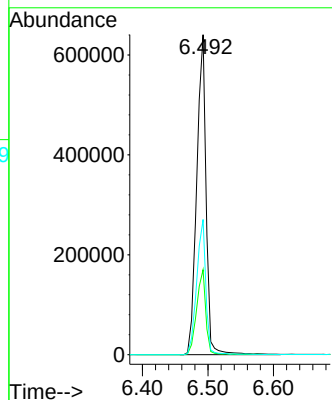
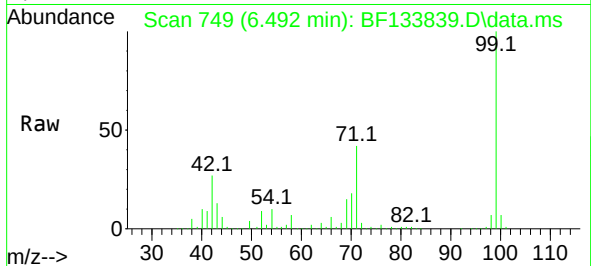




#7
Phenol-d6
Concen: 88.486 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133839.D
Acq: 19 Jun 2023 18:15

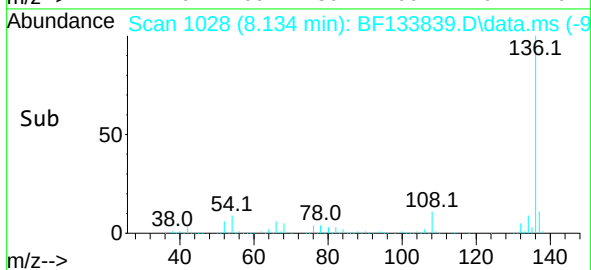
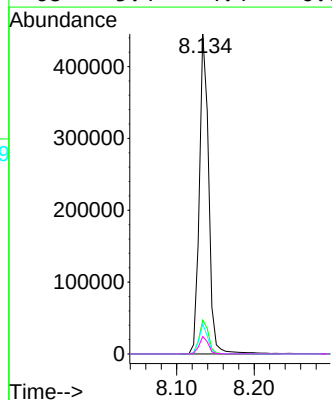
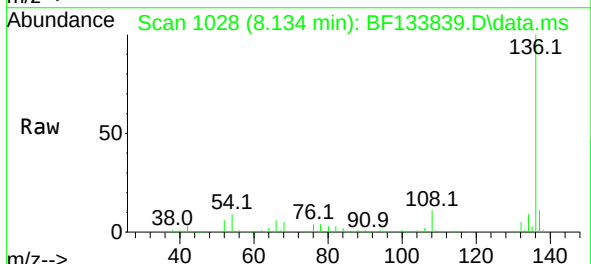
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09

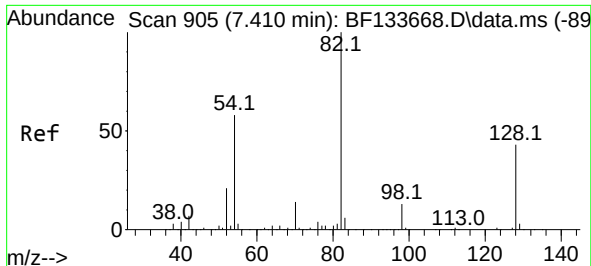
Tgt Ion: 99 Resp: 639241
Ion Ratio Lower Upper
99 100
42 26.6 19.9 29.9
71 42.2 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133839.D
Acq: 19 Jun 2023 18:15

Tgt Ion: 136 Resp: 373070
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.3 7.4 11.0
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 76.437 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133839.D

Acq: 19 Jun 2023 18:15

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09

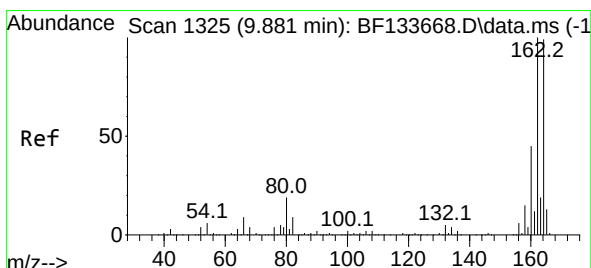
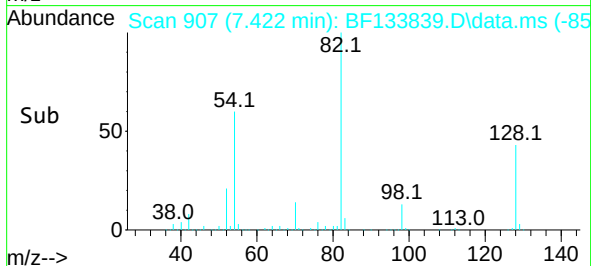
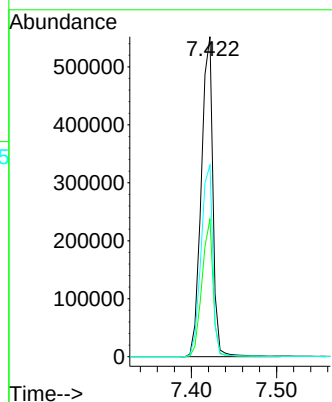
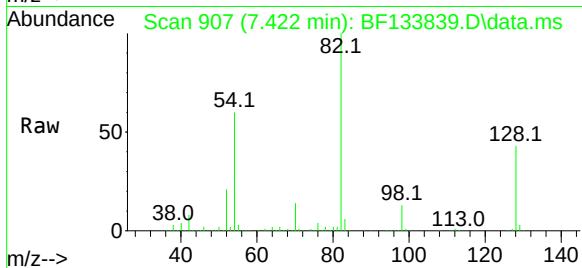
Tgt Ion: 82 Resp: 523552

Ion Ratio Lower Upper

82 100

128 42.9 34.2 51.2

54 59.8 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133839.D

Acq: 19 Jun 2023 18:15

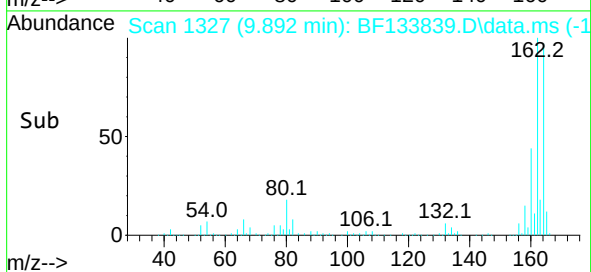
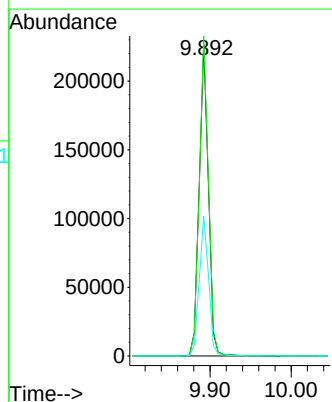
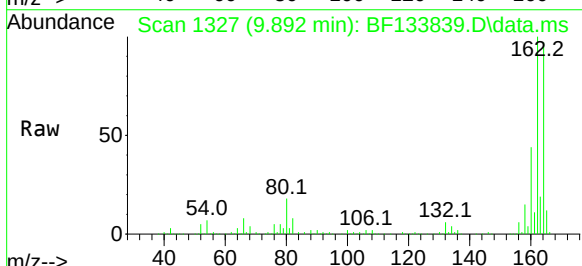
Tgt Ion:164 Resp: 180561

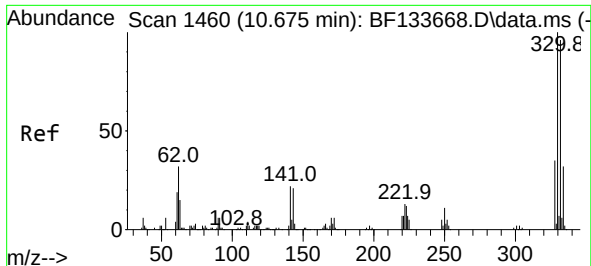
Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

160 44.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 93.523 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133839.D

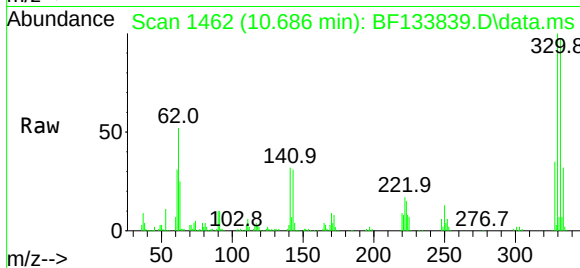
Acq: 19 Jun 2023 18:15

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09



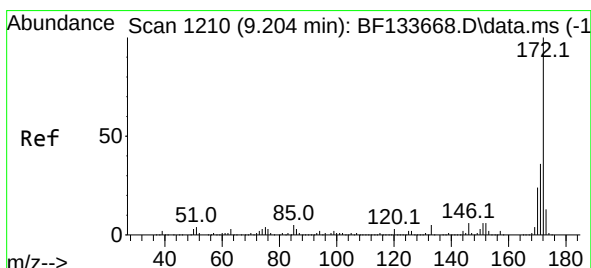
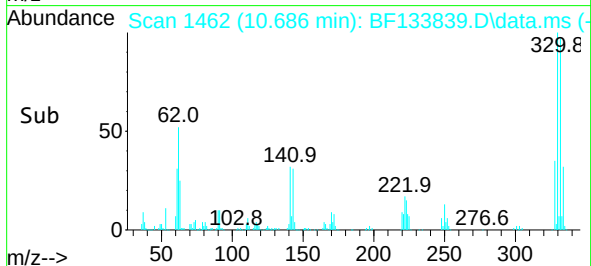
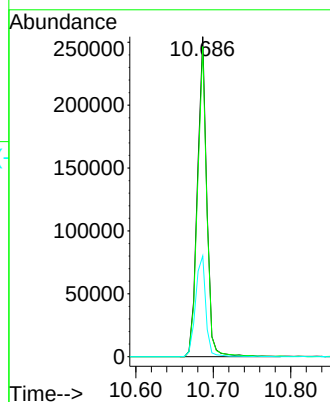
Tgt Ion:330 Resp: 213754

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 34.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 75.220 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133839.D

Acq: 19 Jun 2023 18:15

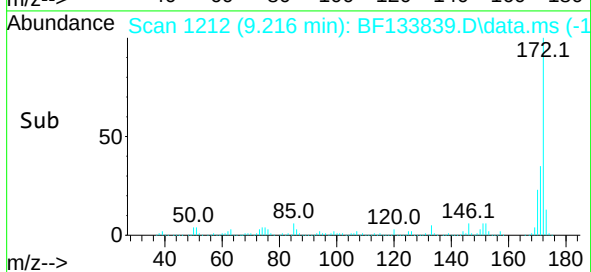
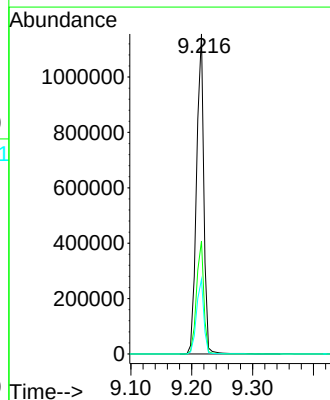
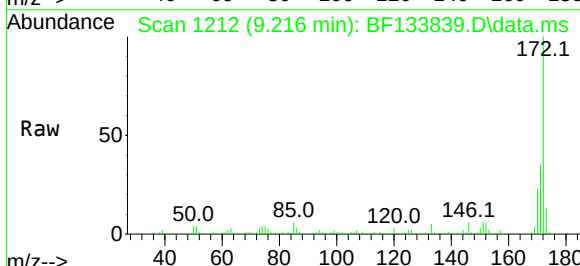
Tgt Ion:172 Resp: 955445

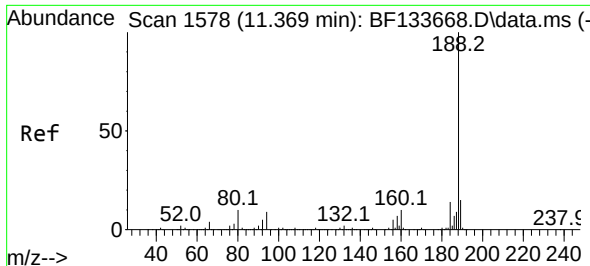
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.3 19.1 28.7

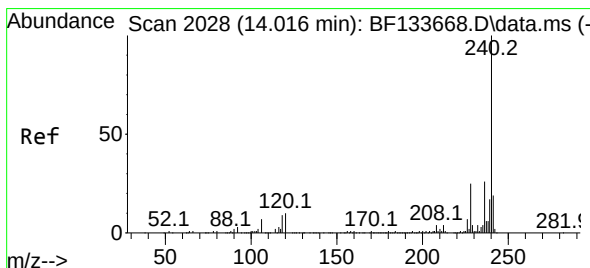
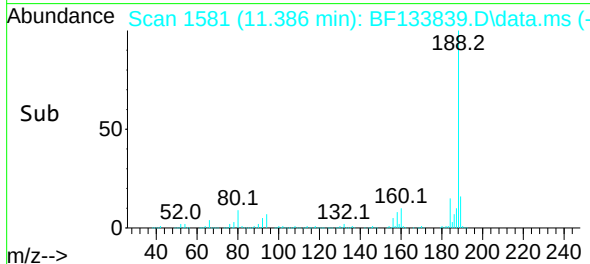
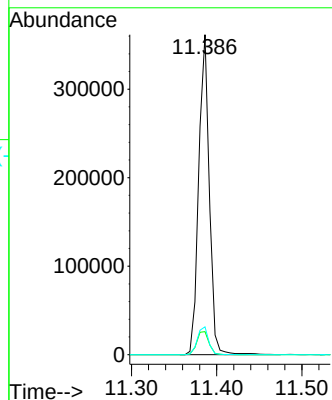
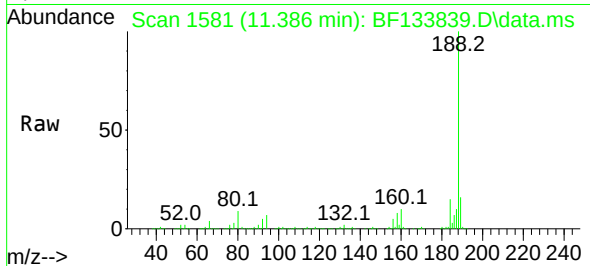




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133839.D
Acq: 19 Jun 2023 18:15

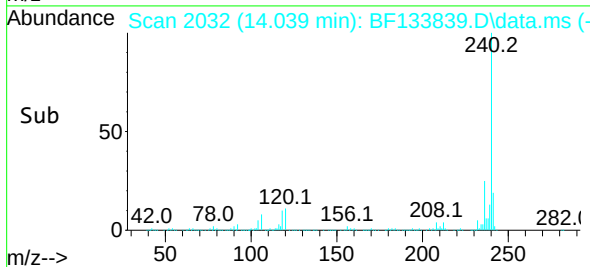
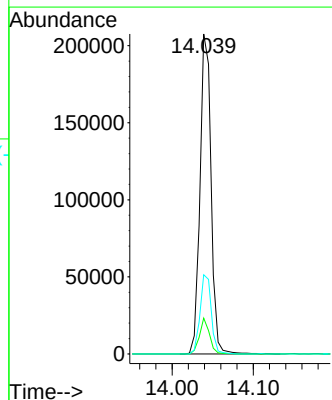
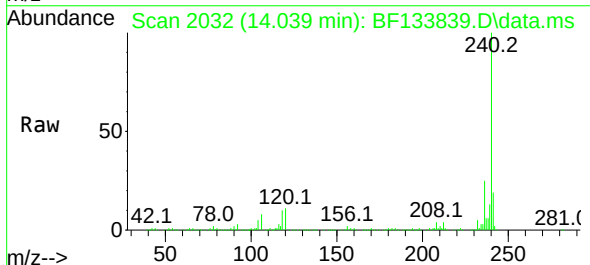
Instrument :
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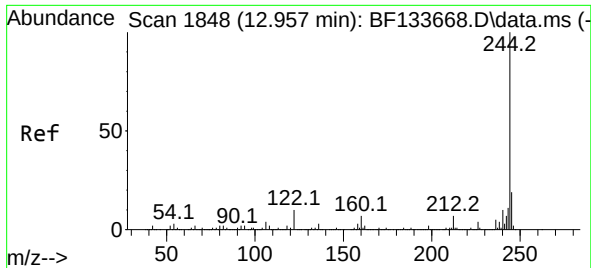
Tgt Ion:188 Resp: 312549
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 8.7 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133839.D
Acq: 19 Jun 2023 18:15

Tgt Ion:240 Resp: 197014
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 24.7 20.5 30.7

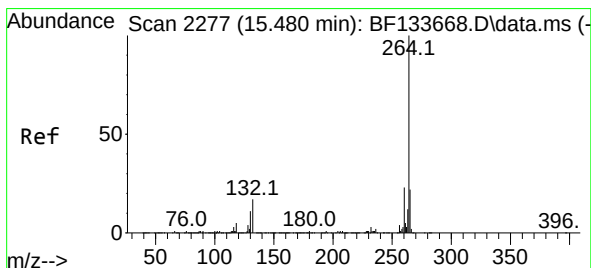
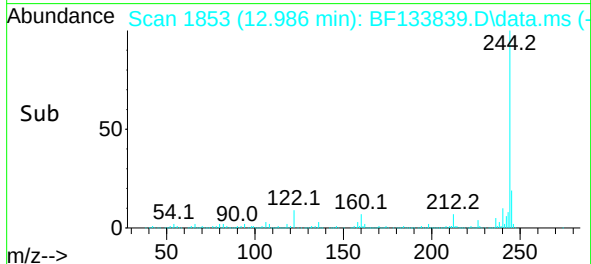
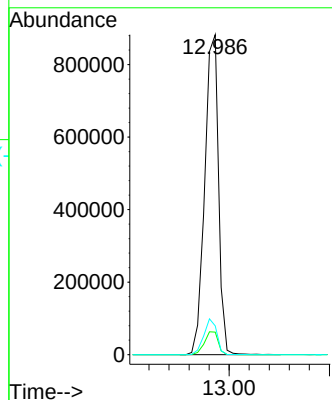
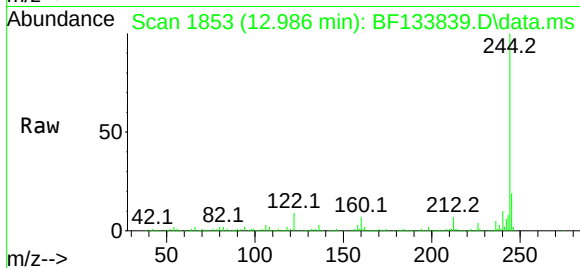




#79
 Terphenyl-d14
 Concen: 66.575 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF133839.D
 Acq: 19 Jun 2023 18:15

Instrument :
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 OR-402-COMP-09

Tgt Ion:244 Resp: 847654
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF133839.D
 Acq: 19 Jun 2023 18:15

Tgt Ion:264 Resp: 233010
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.7 17.8 26.6

