

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133840.D
 Acq On : 19 Jun 2023 18:49
 Operator : CG\JU
 Sample : 03229-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-10

Quant Time: Jun 19 19:16:46 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	95583	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	370049	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	179179	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	307524	20.000	ng	0.00
76) Chrysene-d12	14.045	240	195170	20.000	ng	0.00
86) Perylene-d12	15.545	264	230931	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	677907	123.471	ng	0.01
7) Phenol-d6	6.492	99	764637	106.992	ng	0.00
23) Nitrobenzene-d5	7.422	82	609906	89.771	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	254688	112.292	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1106649	87.796	ng	0.00
79) Terphenyl-d14	12.986	244	971502	77.023	ng	0.00

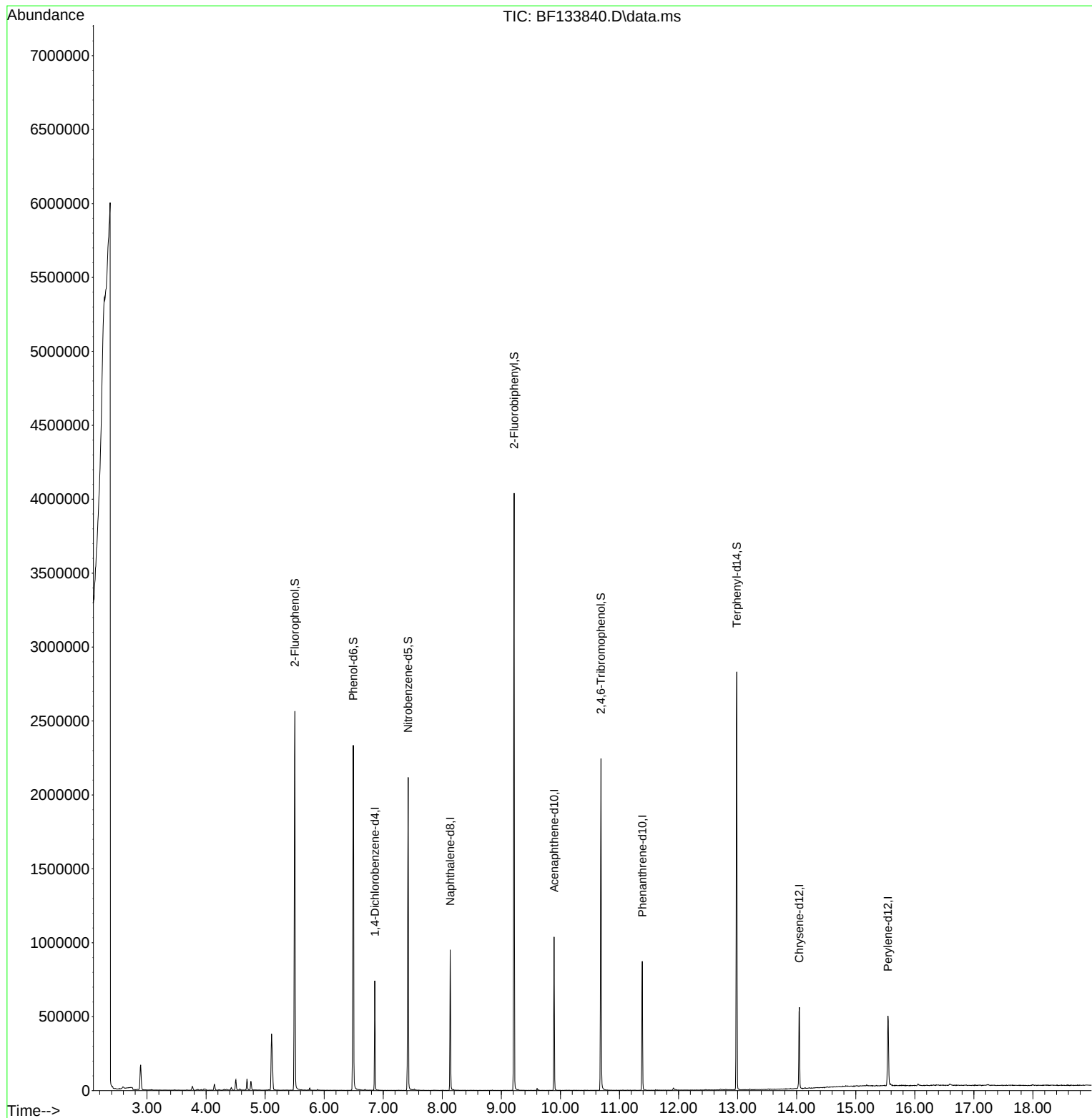
Target Compounds	Qvalue

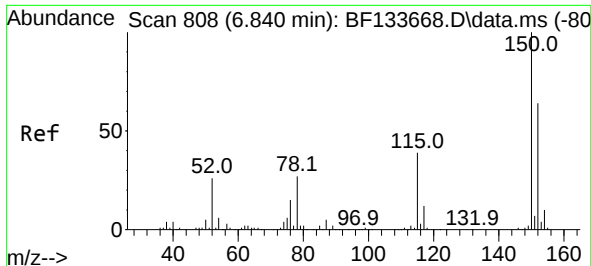
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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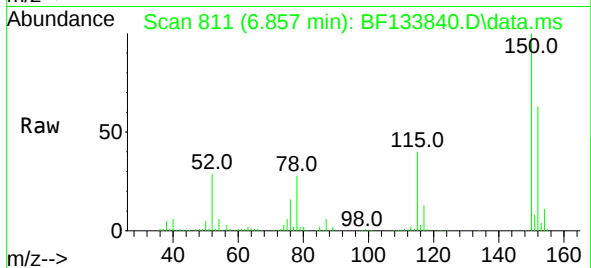
Quant Time: Jun 19 19:16:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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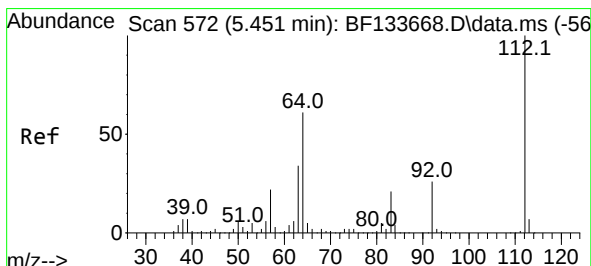
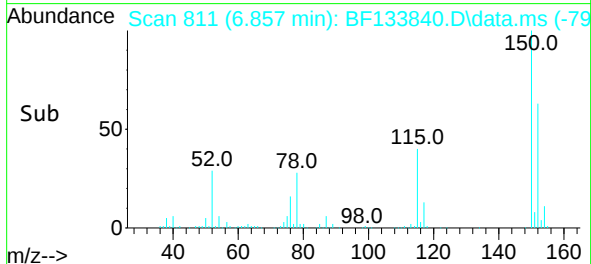
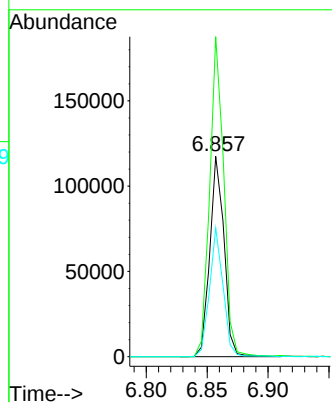


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133840.D
Acq: 19 Jun 2023 18:49

Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-10

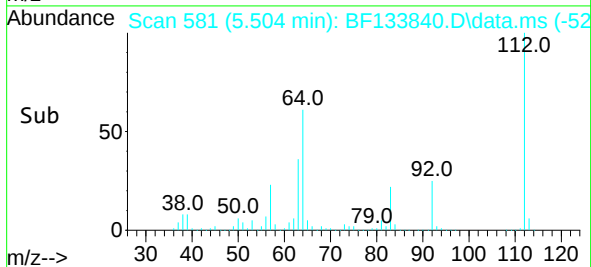
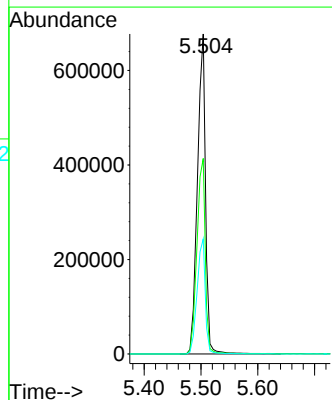
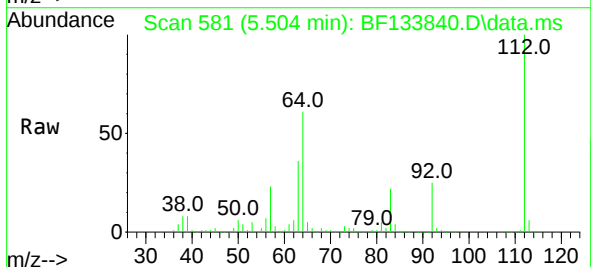


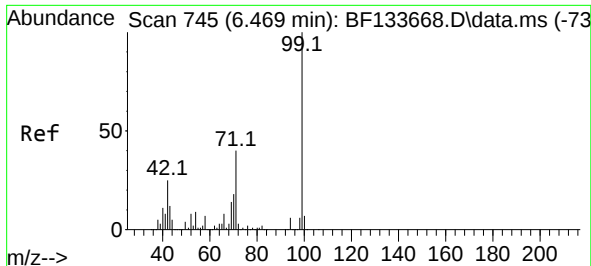
Tgt Ion:152 Resp: 95583
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 64.2 48.5 72.7



#5
2-Fluorophenol
Concen: 123.471 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133840.D
Acq: 19 Jun 2023 18:49

Tgt Ion:112 Resp: 677907
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.4
63 36.0 26.8 40.2

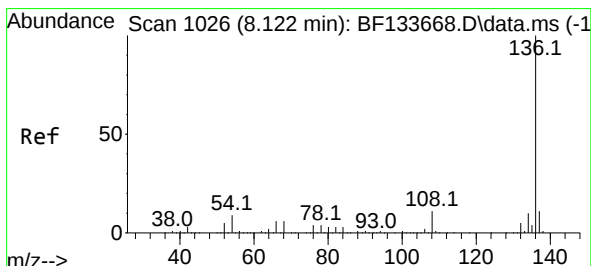
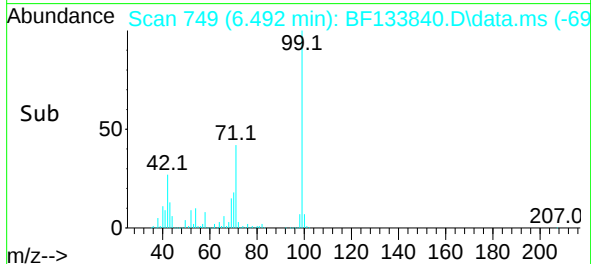
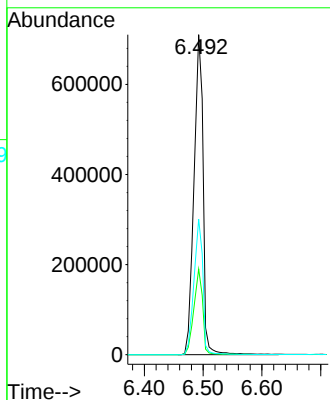
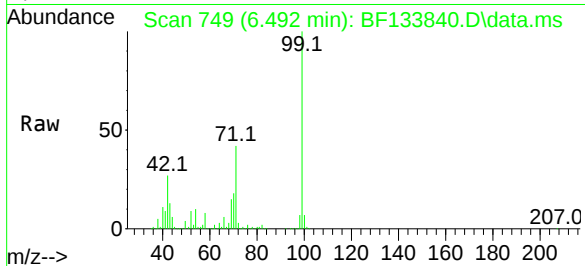




#7
Phenol-d6
Concen: 106.992 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133840.D
Acq: 19 Jun 2023 18:49

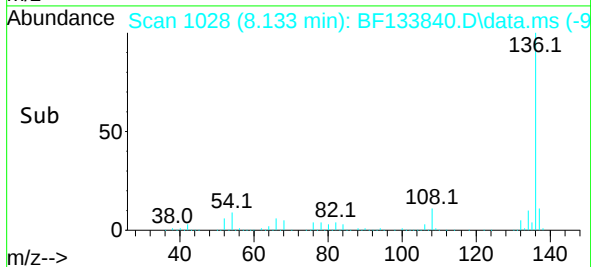
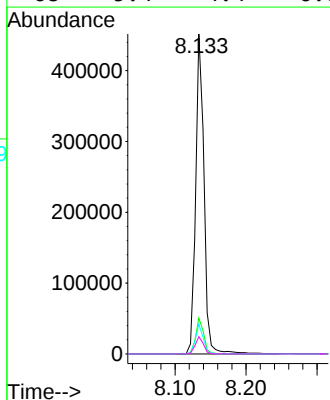
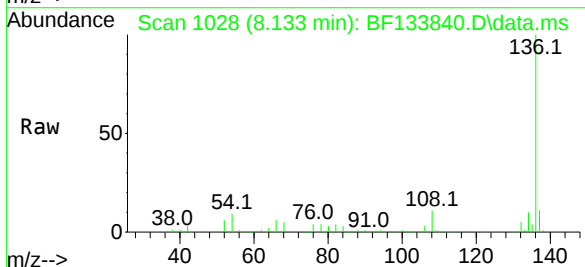
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-10

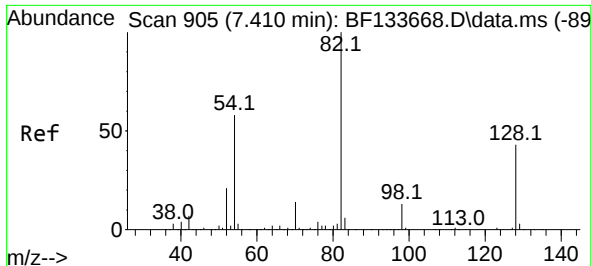
Tgt Ion: 99 Resp: 764637
Ion Ratio Lower Upper
99 100
42 26.8 19.9 29.9
71 42.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133840.D
Acq: 19 Jun 2023 18:49

Tgt Ion: 136 Resp: 370049
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 7.4 11.0
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 89.771 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133840.D

Acq: 19 Jun 2023 18:49

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-10

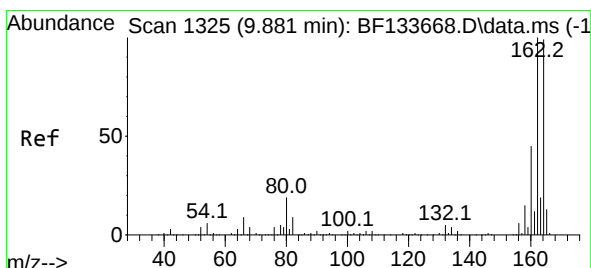
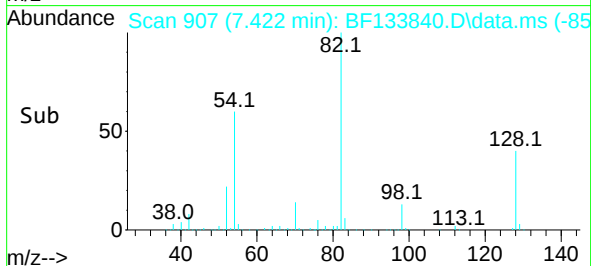
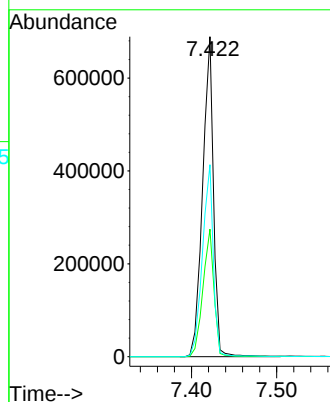
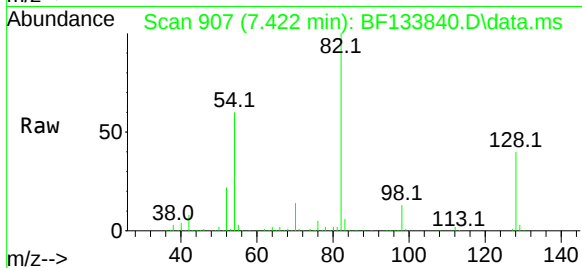
Tgt Ion: 82 Resp: 609906

Ion Ratio Lower Upper

82 100

128 39.9 34.2 51.2

54 60.0 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: BF133840.D

Acq: 19 Jun 2023 18:49

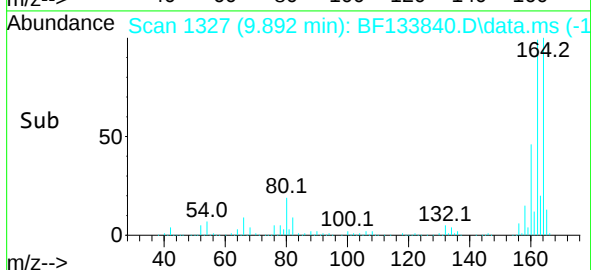
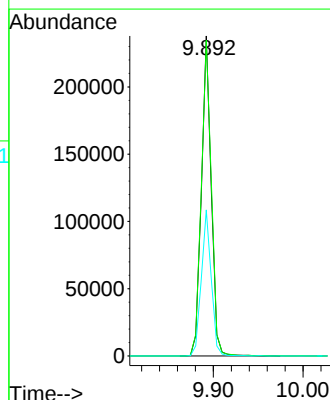
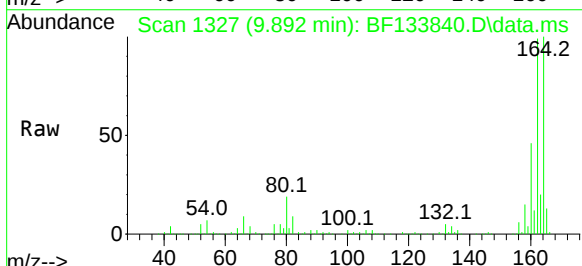
Tgt Ion:164 Resp: 179179

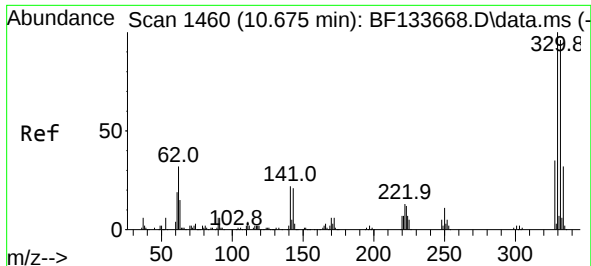
Ion Ratio Lower Upper

164 100

162 98.7 80.8 121.2

160 45.6 36.7 55.1

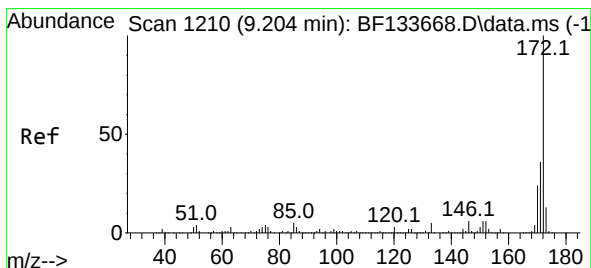
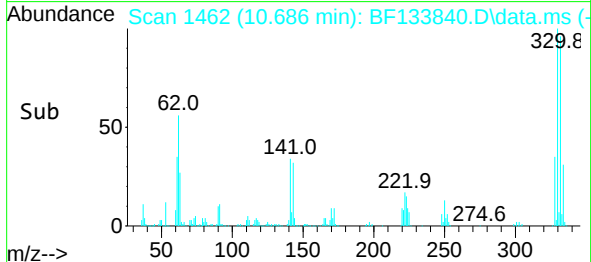
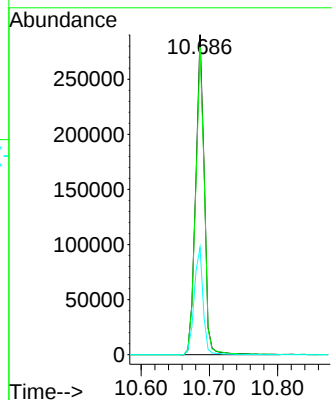
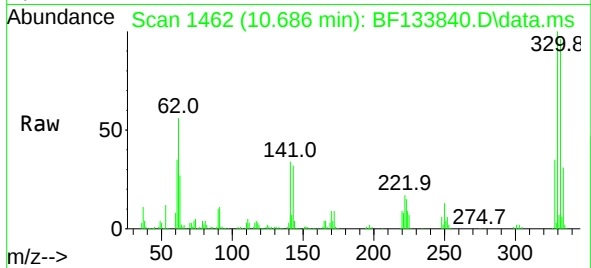




#42
2,4,6-Tribromophenol
Concen: 112.292 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133840.D
Acq: 19 Jun 2023 18:49

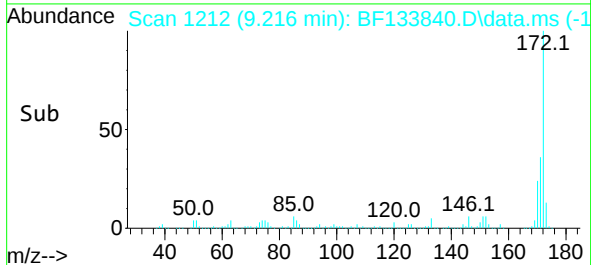
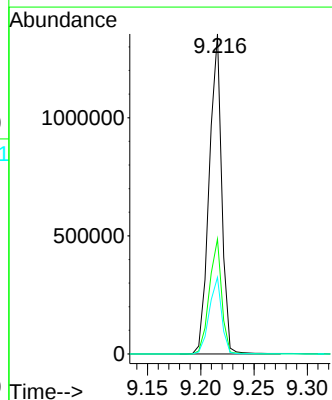
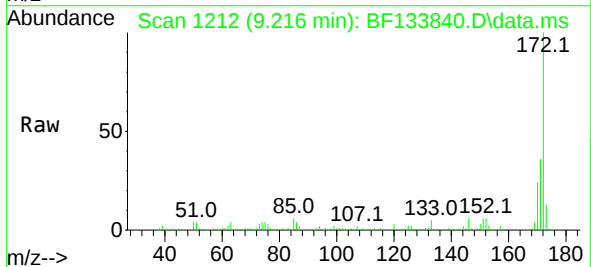
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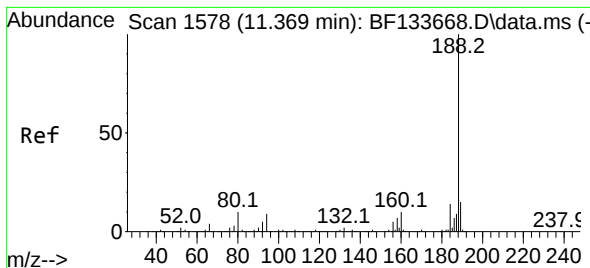
Tgt Ion:330 Resp: 254688
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 34.5 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 87.796 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133840.D
Acq: 19 Jun 2023 18:49

Tgt Ion:172 Resp: 1106649
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133840.D

Acq: 19 Jun 2023 18:49

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-10

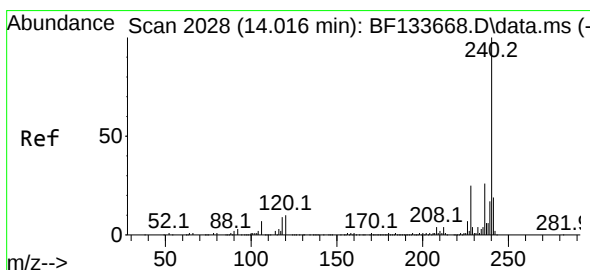
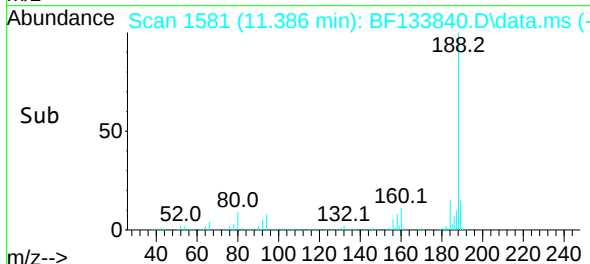
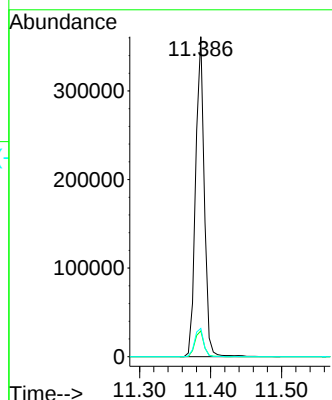
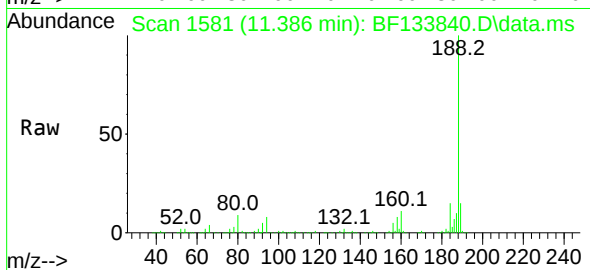
Tgt Ion:188 Resp: 307524

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF133840.D

Acq: 19 Jun 2023 18:49

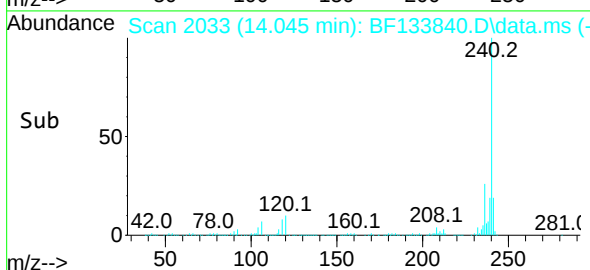
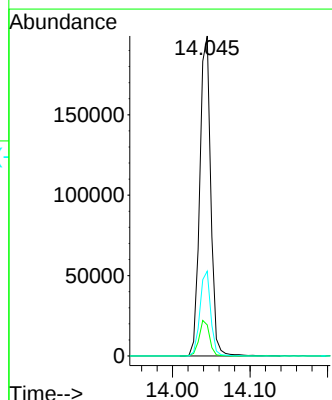
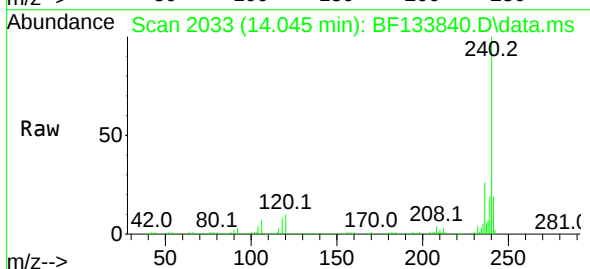
Tgt Ion:240 Resp: 195170

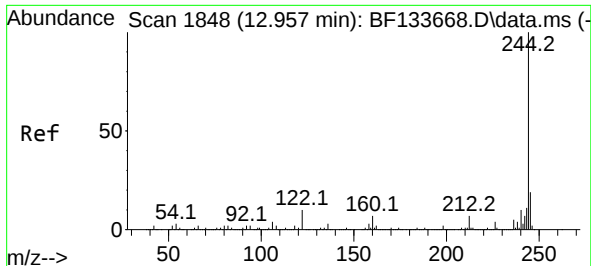
Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

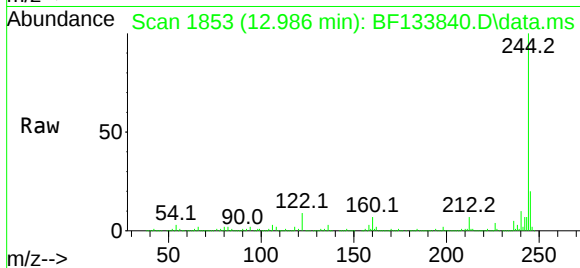
236 26.5 20.5 30.7





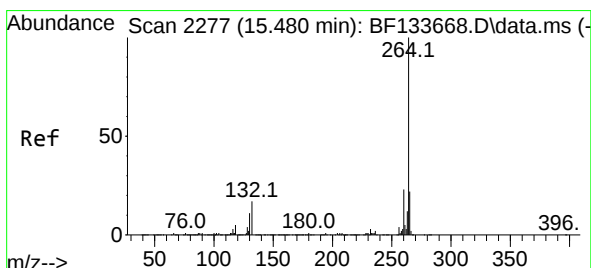
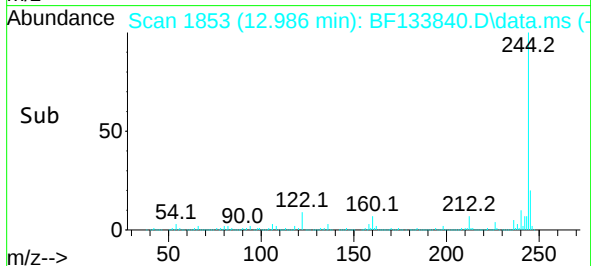
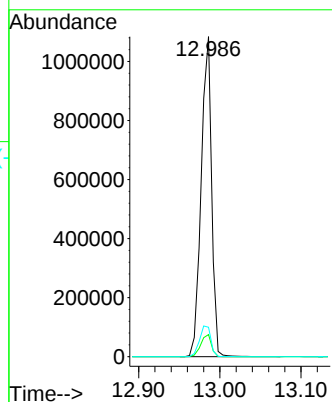
#79
 Terphenyl-d14
 Concen: 77.023 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133840.D
 Acq: 19 Jun 2023 18:49

Instrument :
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Tgt Ion:244 Resp: 971502

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	9.2	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.012 min
 Lab File: BF133840.D
 Acq: 19 Jun 2023 18:49

Tgt Ion:264 Resp: 230931

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.0	17.8	26.6

