

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133800.D
 Acq On : 16 Jun 2023 04:44
 Operator : CG\JU
 Sample : 03229-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 16 05:34:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

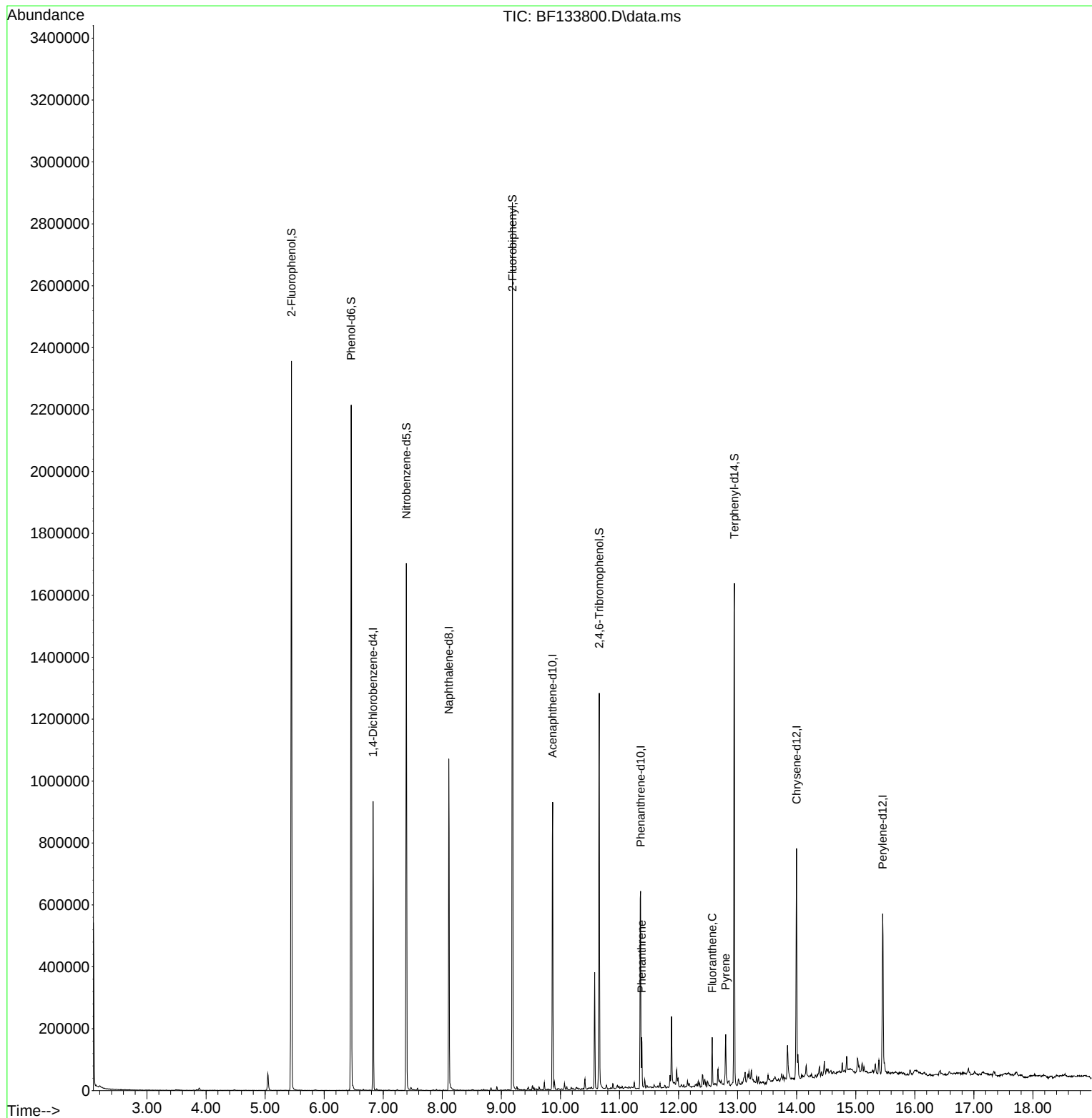
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	122761	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	438100	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	179843	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	245283	20.000	ng	0.00
76) Chrysene-d12	13.998	240	220656	20.000	ng	0.00
86) Perylene-d12	15.457	264	233195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	610399	86.562	ng	0.00
7) Phenol-d6	6.457	99	733088	79.868	ng	0.00
23) Nitrobenzene-d5	7.392	82	474631	59.008	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	145636	63.974	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	802802	63.455	ng	0.00
79) Terphenyl-d14	12.945	244	561325	39.363	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.375	178	56552	4.544	ng	98
75) Fluoranthene	12.569	202	55001	4.162	ng	97
78) Pyrene	12.798	202	66387	3.230	ng	99

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

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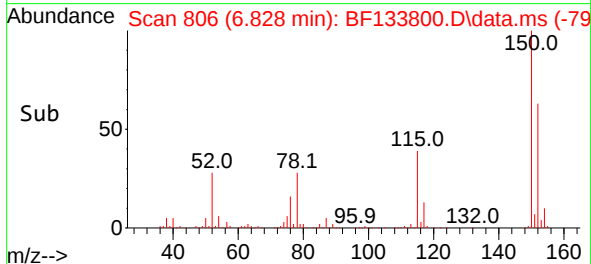
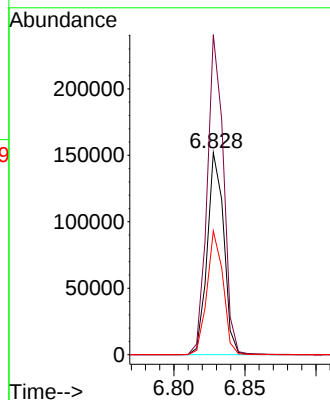
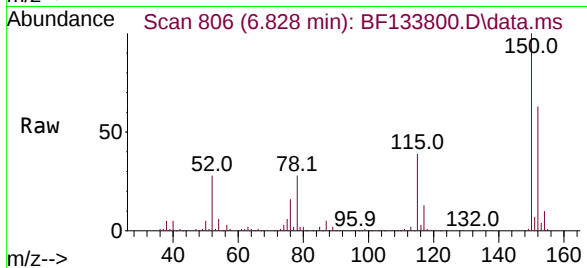




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

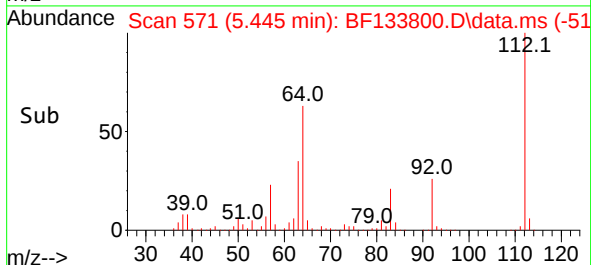
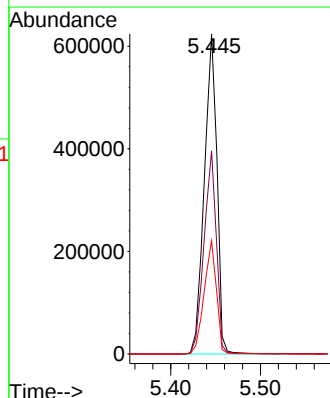
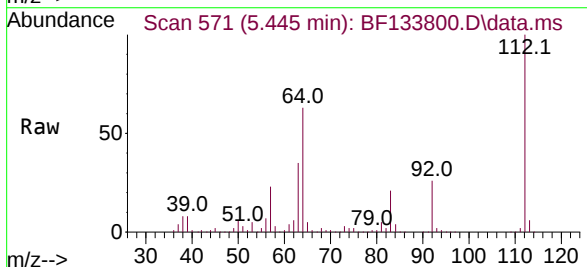
Instrument :
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OR-402-COMP-10

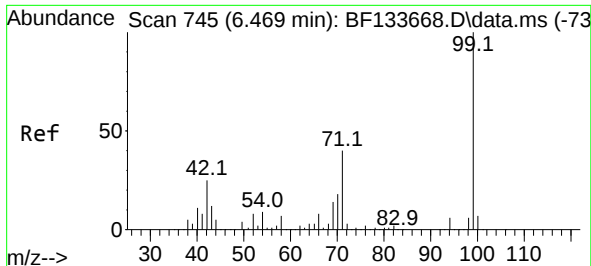
Tgt Ion:152 Resp: 122761
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 86.562 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

Tgt Ion:112 Resp: 610399
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.4
63 35.3 26.8 40.2

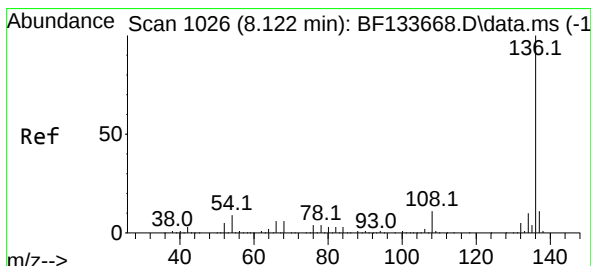
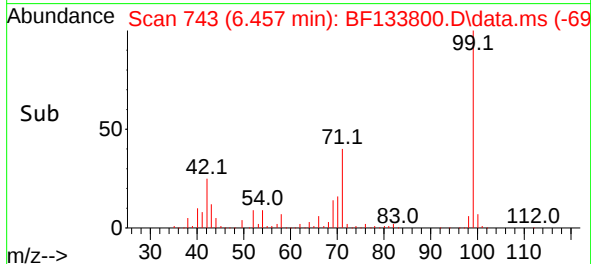
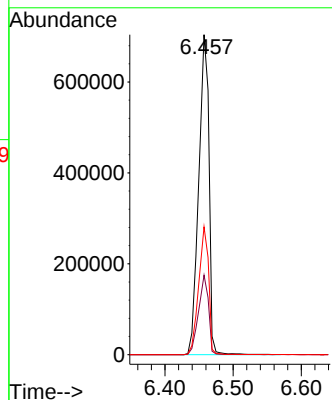
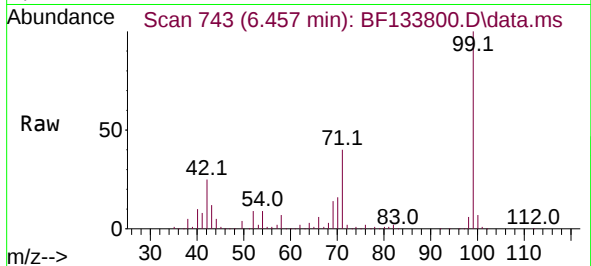




#7
Phenol-d6
Concen: 79.868 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

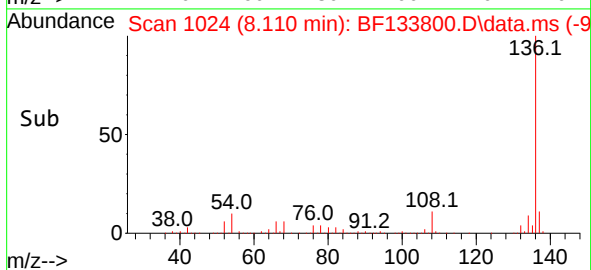
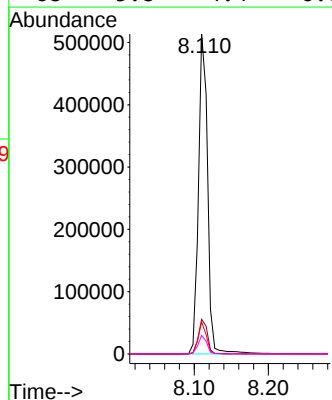
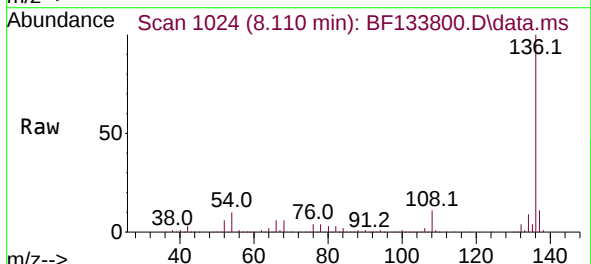
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-10

Tgt Ion: 99 Resp: 733088
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 39.9 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

Tgt Ion: 136 Resp: 438100
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.0 7.4 11.0
68 5.8 4.4 6.6





#23

Nitrobenzene-d5

Concen: 59.008 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133800.D

Acq: 16 Jun 2023 04:44

Instrument :

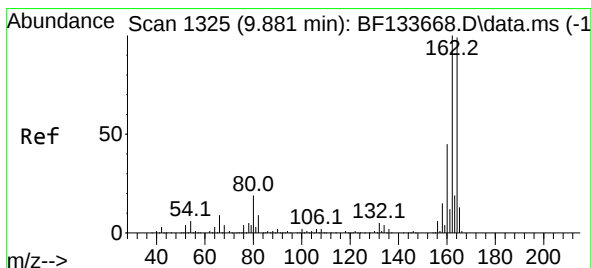
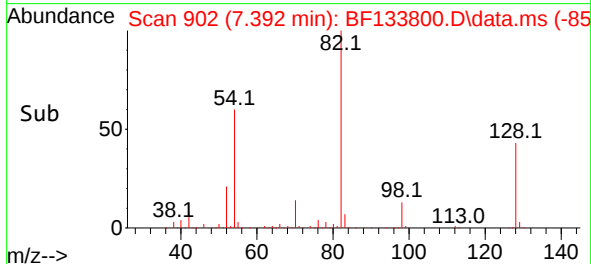
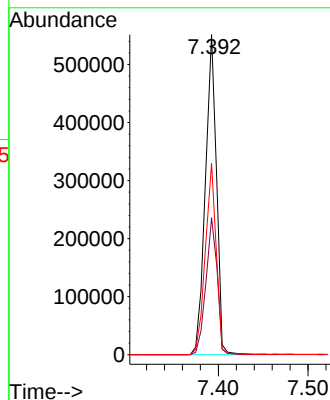
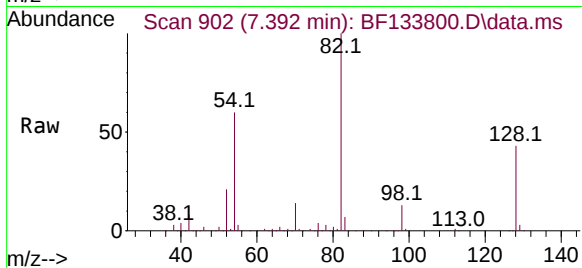
BNA_F

ClientSampleId :

OR-402-COMP-10

Tgt Ion: 82 Resp: 474631

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	59.7	46.5	69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

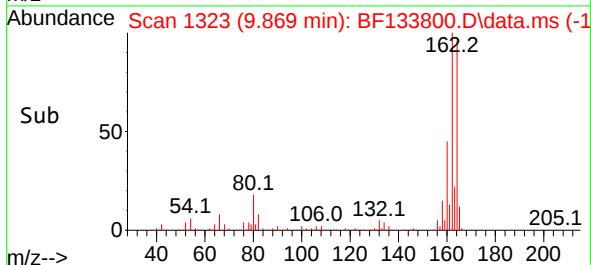
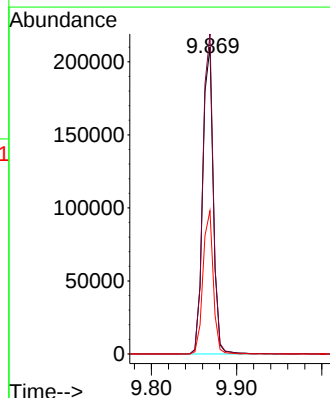
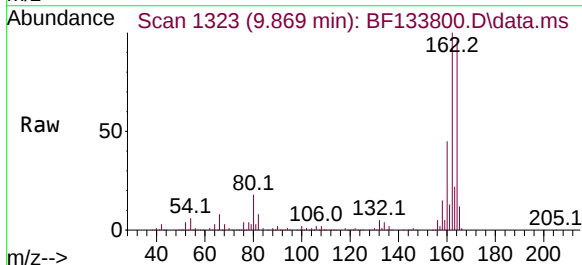
Delta R.T. -0.000 min

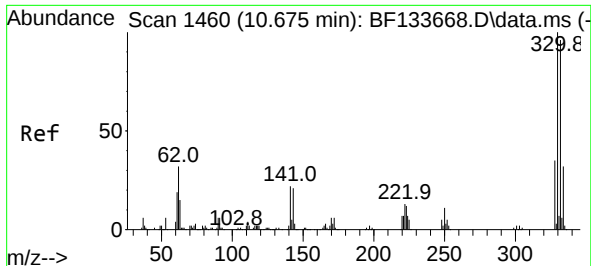
Lab File: BF133800.D

Acq: 16 Jun 2023 04:44

Tgt Ion:164 Resp: 179843

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.8	121.2
160	46.6	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 63.974 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133800.D

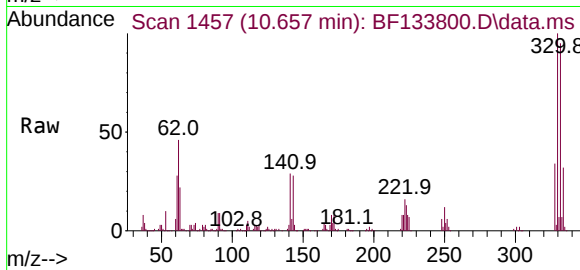
Acq: 16 Jun 2023 04:44

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-10



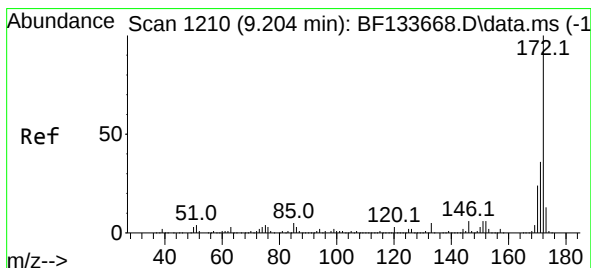
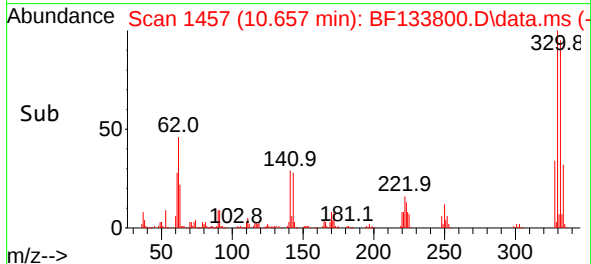
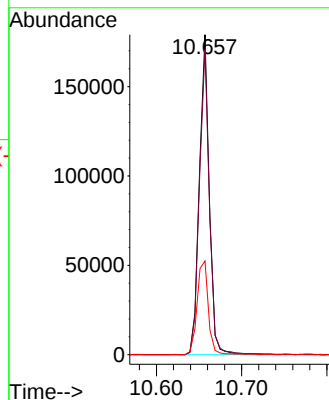
Tgt Ion:330 Resp: 145636

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 33.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 63.455 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133800.D

Acq: 16 Jun 2023 04:44

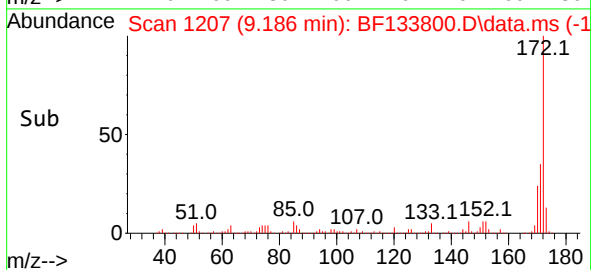
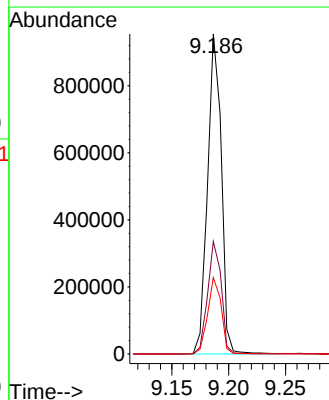
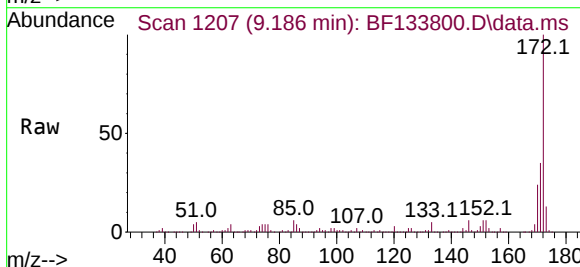
Tgt Ion:172 Resp: 802802

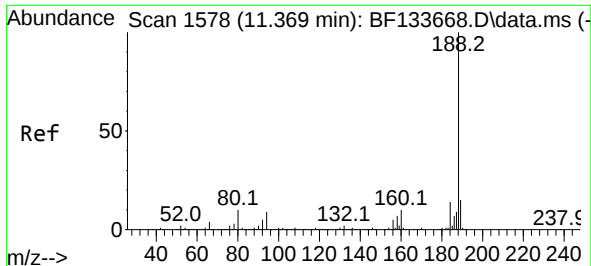
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.8 19.1 28.7

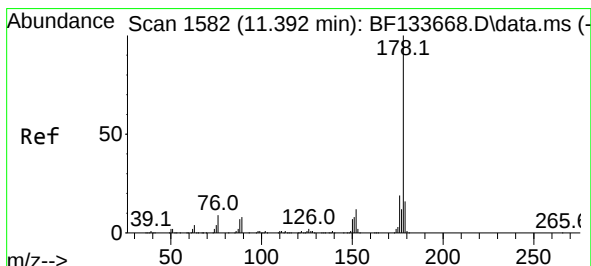
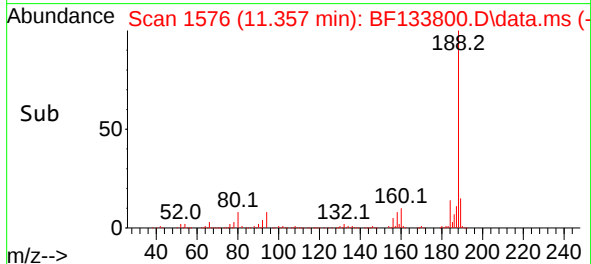
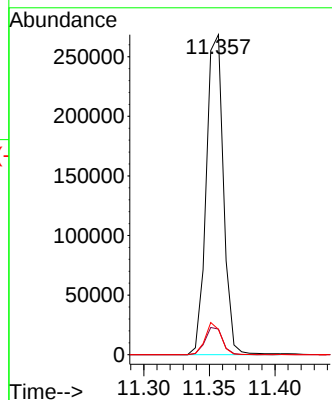
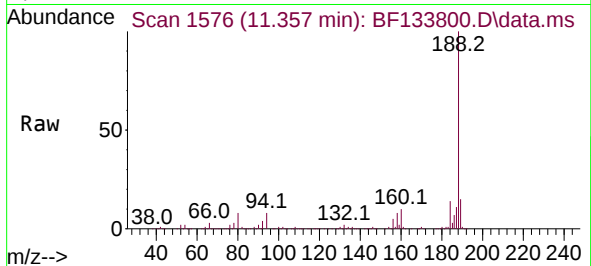




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

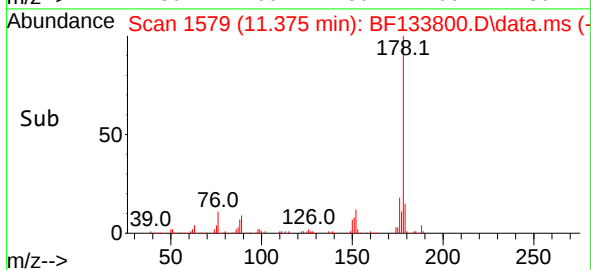
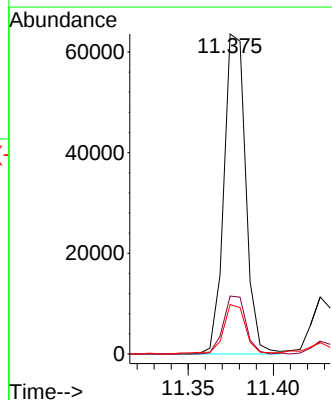
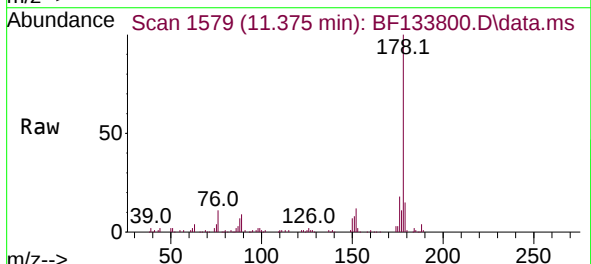
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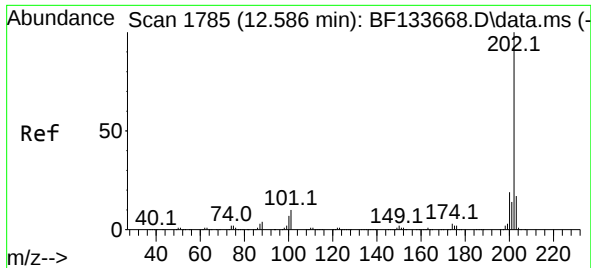
Tgt Ion:188 Resp: 245283
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 7.9 7.8 11.6



#71
Phenanthrene
Concen: 4.544 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

Tgt Ion:178 Resp: 56552
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 15.5 12.4 18.6

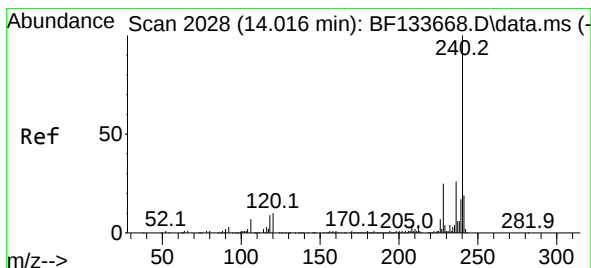
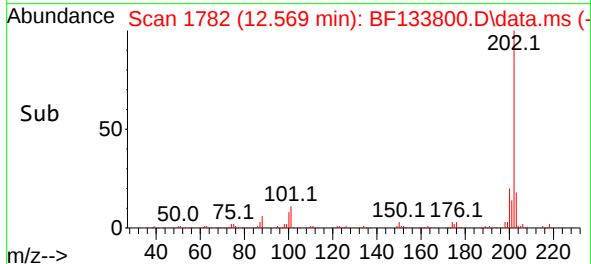
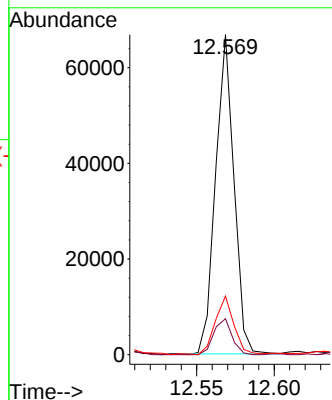
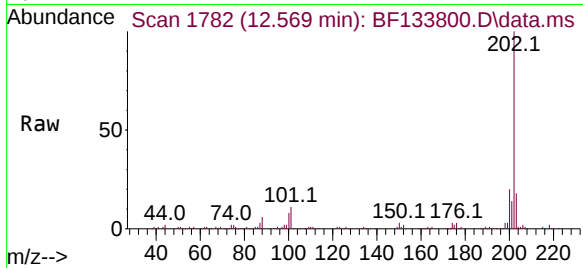




#75
Fluoranthene
Concen: 4.162 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

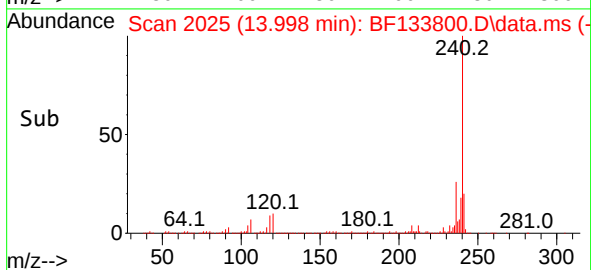
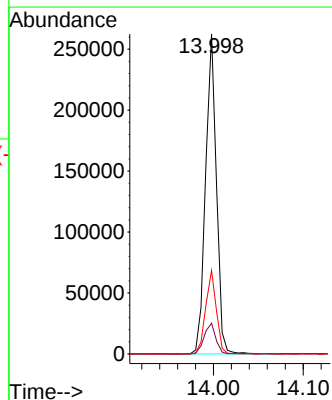
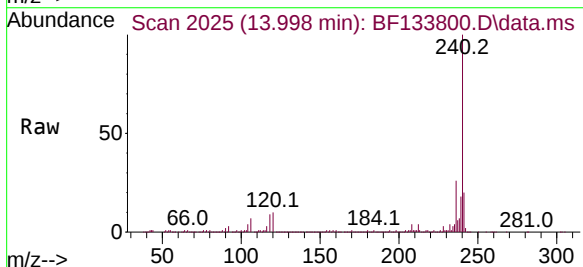
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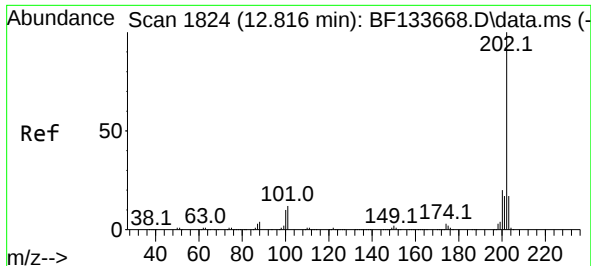
Tgt Ion:202 Resp: 55001
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.6
203 18.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

Tgt Ion:240 Resp: 220656
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.1 20.5 30.7

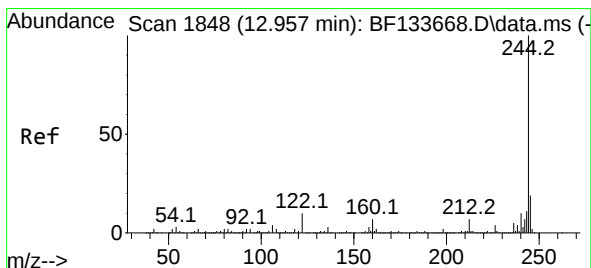
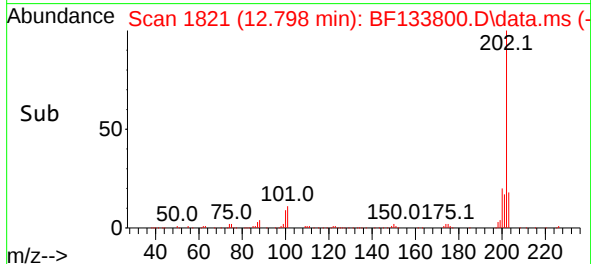
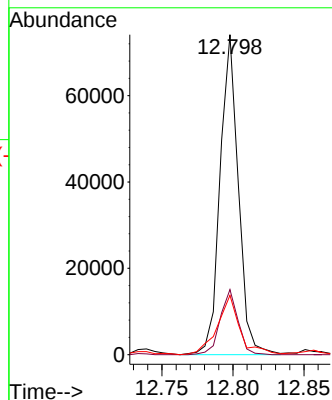
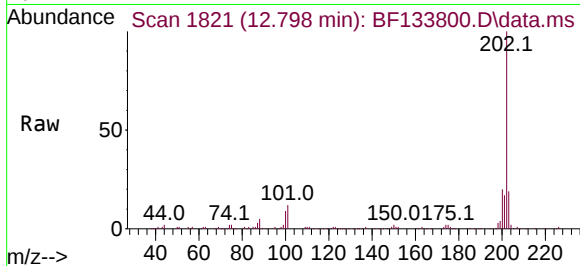




#78
Pyrene
Concen: 3.230 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

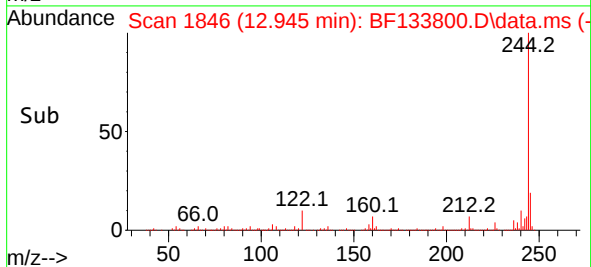
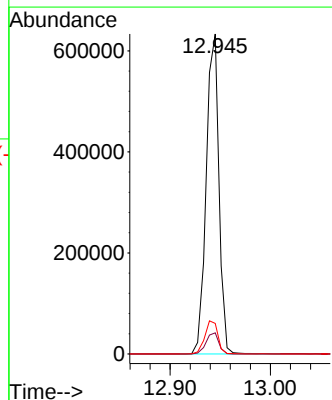
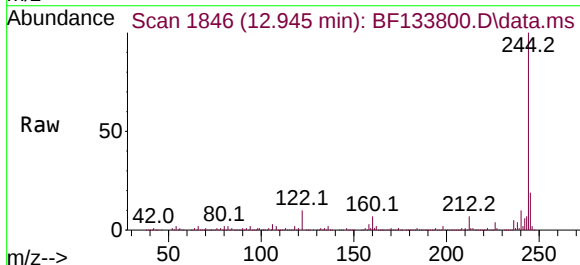
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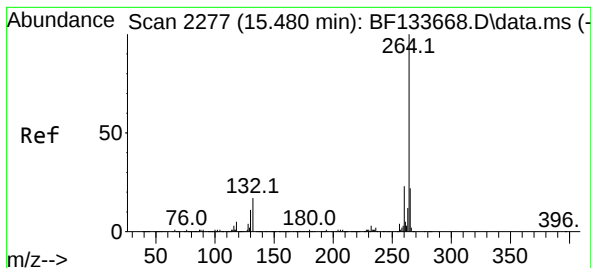
Tgt Ion:202 Resp: 66387
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.5 13.9 20.9



#79
Terphenyl-d14
Concen: 39.363 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF133800.D
Acq: 16 Jun 2023 04:44

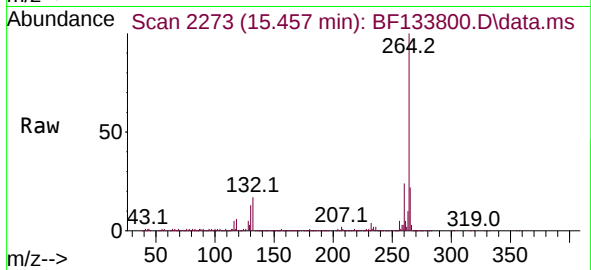
Tgt Ion:244 Resp: 561325
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 9.5 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133800.D
 Acq: 16 Jun 2023 04:44

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



Tgt Ion:264 Resp: 233195
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 22.0 17.8 26.6

