

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133040.D
 Acq On : 25 Apr 2023 21:58
 Operator : CG\JU
 Sample : 02270-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-5-7-20230411

Quant Time: Apr 26 02:18:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

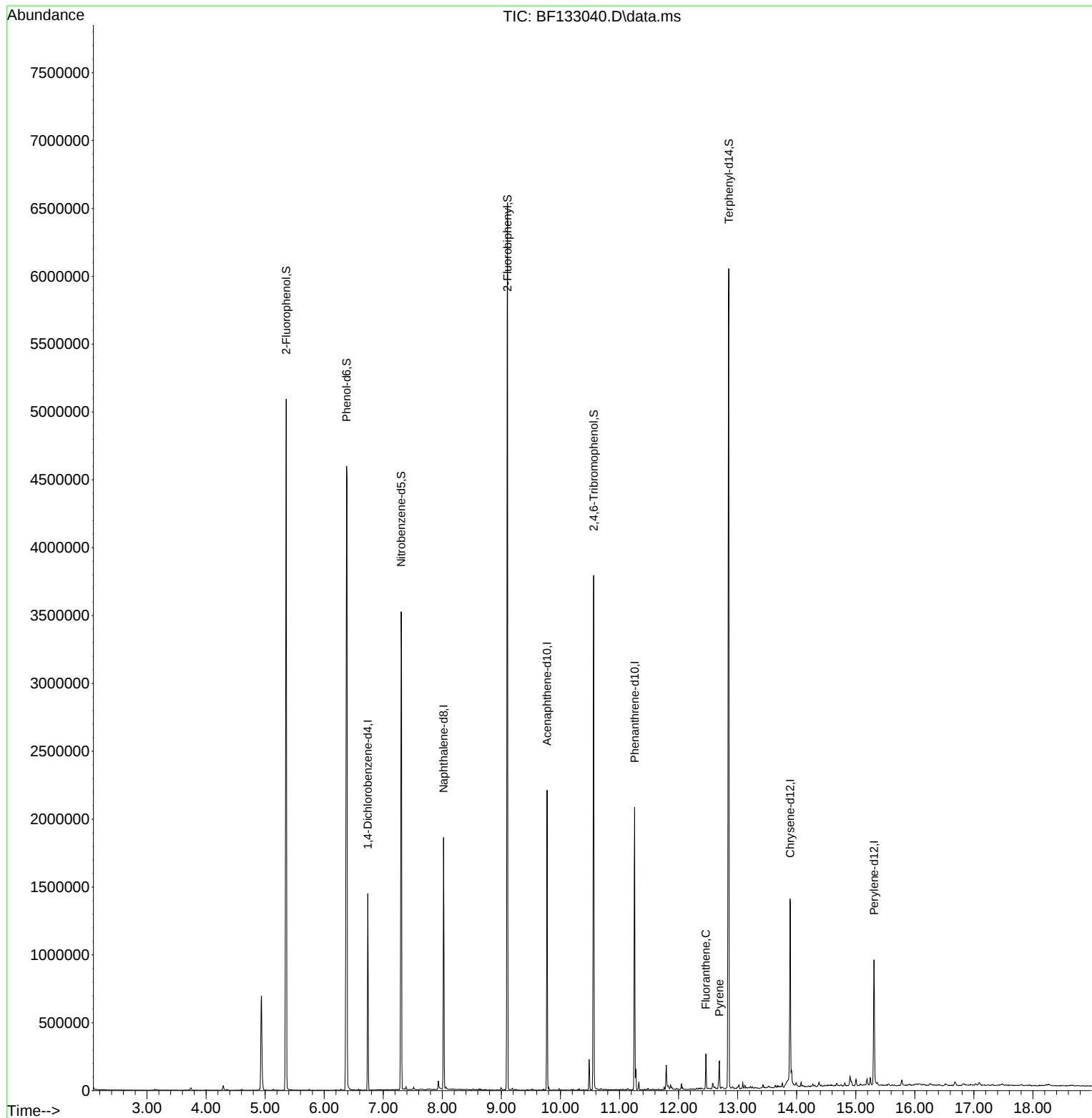
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	185102	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	721291	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	394717	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	713443	20.000	ng	0.00
76) Chrysene-d12	13.892	240	434535	20.000	ng	0.00
86) Perylene-d12	15.310	264	372085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1573549	128.417	ng	0.00
7) Phenol-d6	6.381	99	2049097	134.728	ng	0.00
23) Nitrobenzene-d5	7.304	82	1243932	93.088	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	466409	117.494	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1989249	84.314	ng	0.00
79) Terphenyl-d14	12.851	244	2398677	95.203	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.463	202	88681	2.304	ng	96
78) Pyrene	12.692	202	79856	2.144	ng	97

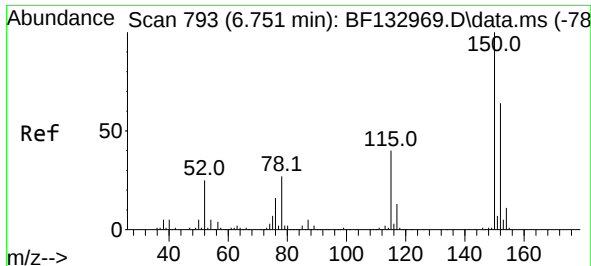
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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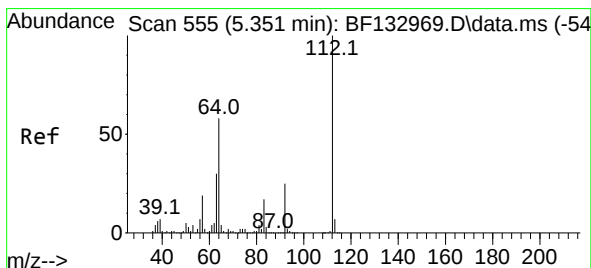
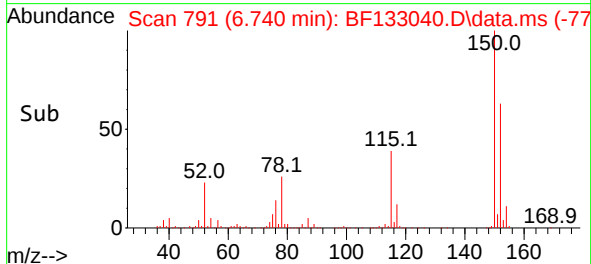
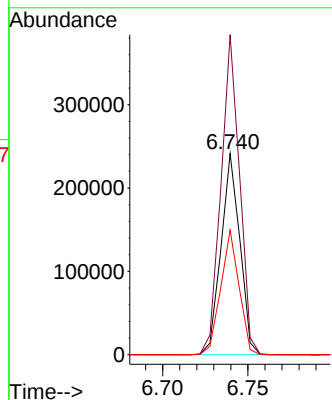
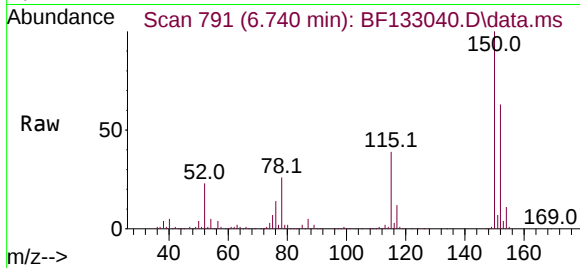




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

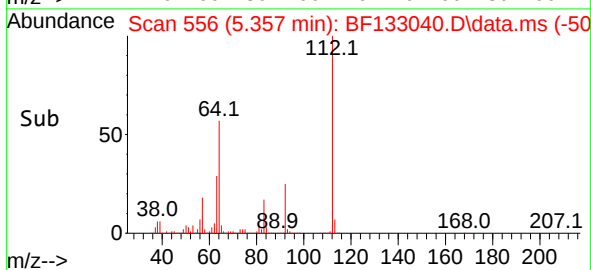
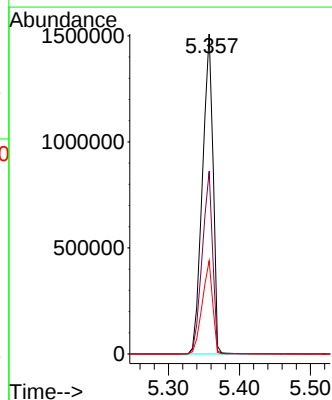
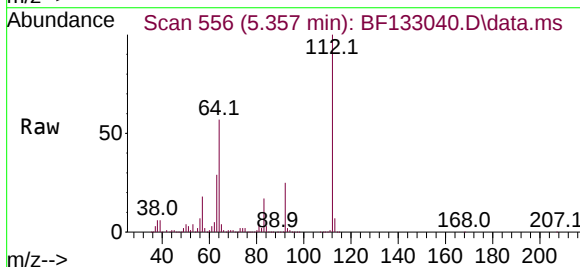
Instrument :
BNA_F
ClientSampleId :
SB-19-5-7-20230411

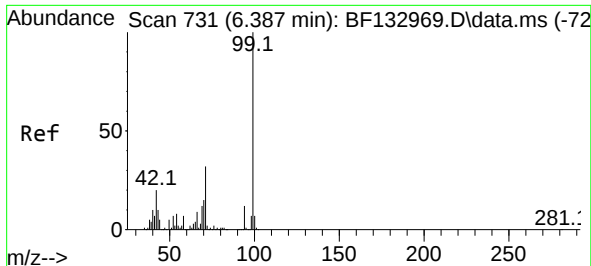
Tgt Ion:152 Resp: 185102
Ion Ratio Lower Upper
152 100
150 159.1 124.8 187.2
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 128.417 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

Tgt Ion:112 Resp: 1573549
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.1 23.8 35.8

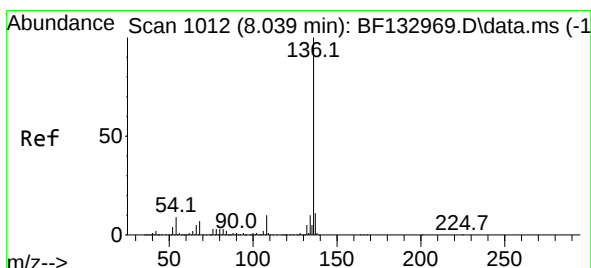
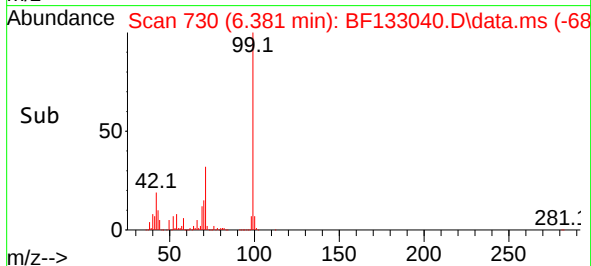
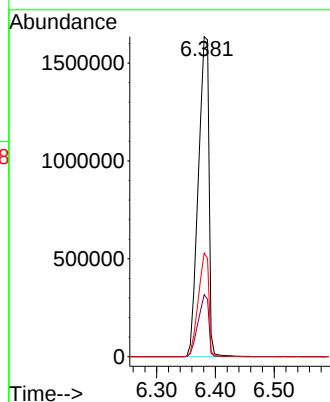
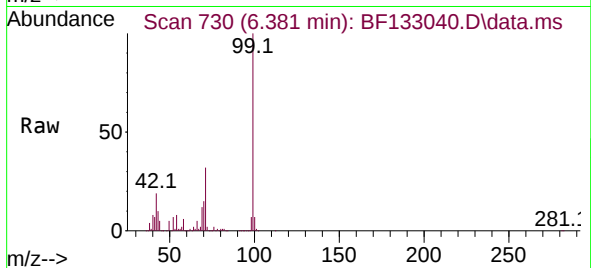




#7
Phenol-d6
Concen: 134.728 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

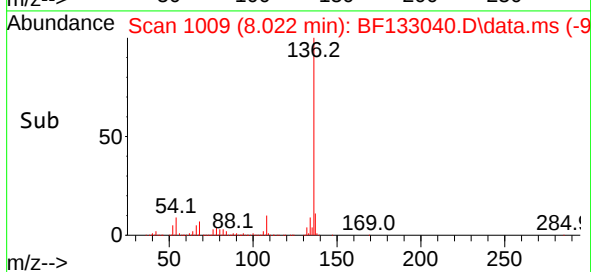
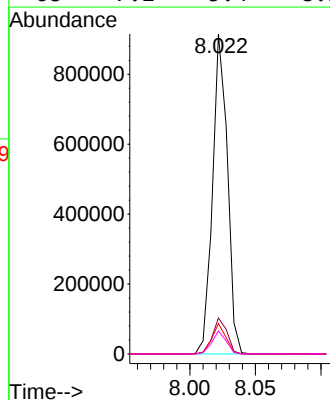
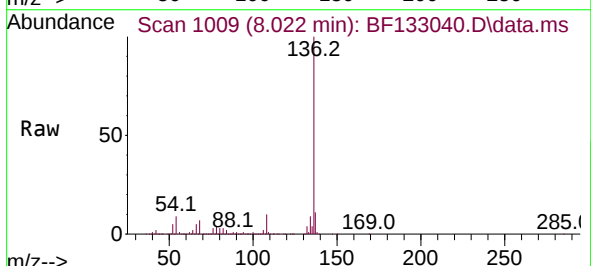
Instrument :
BNA_F
ClientSampleId :
SB-19-5-7-20230411

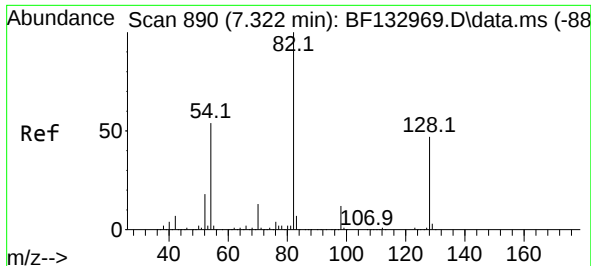
Tgt Ion: 99 Resp: 2049097
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

Tgt Ion:136 Resp: 721291
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.5 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 93.088 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133040.D

Acq: 25 Apr 2023 21:58

Instrument :

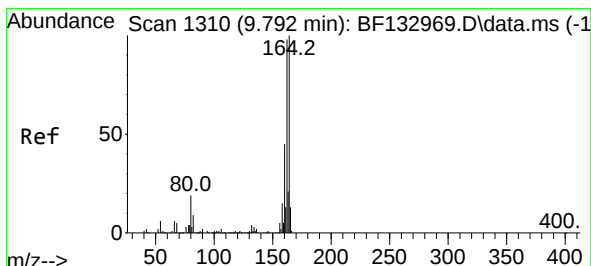
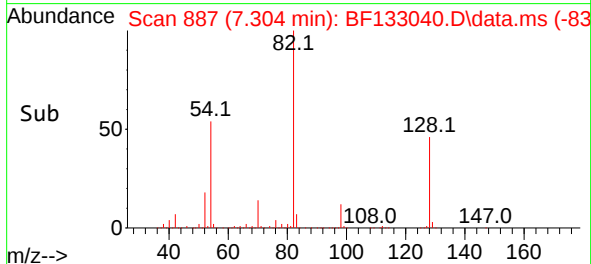
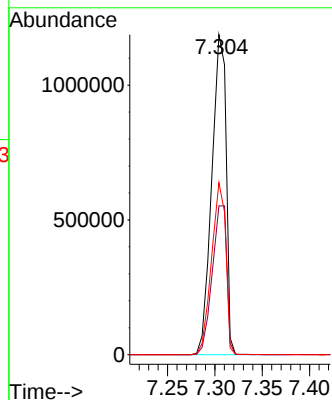
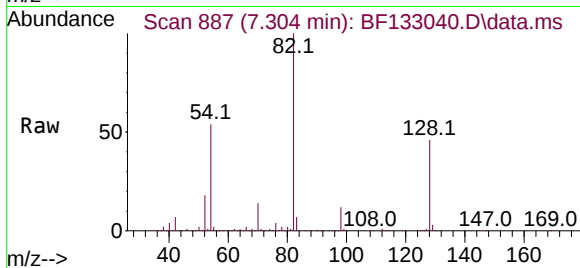
BNA_F

ClientSampleId :

SB-19-5-7-20230411

Tgt Ion: 82 Resp: 1243932

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	53.7	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

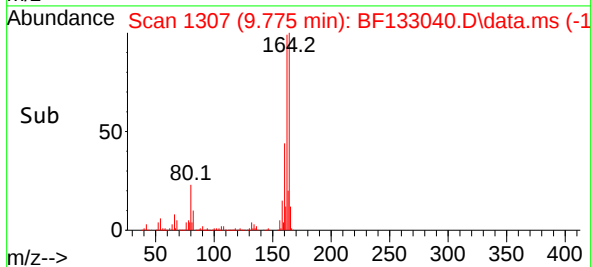
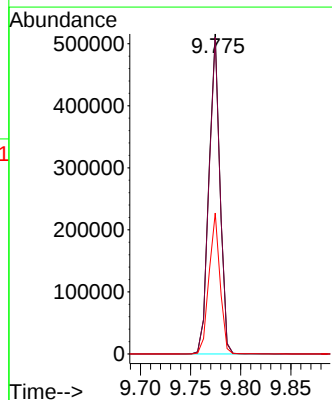
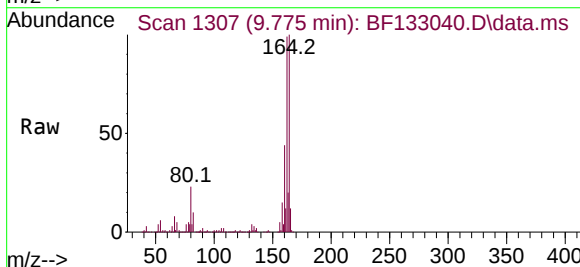
Delta R.T. -0.006 min

Lab File: BF133040.D

Acq: 25 Apr 2023 21:58

Tgt Ion: 164 Resp: 394717

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.7	118.1
160	44.1	35.8	53.6

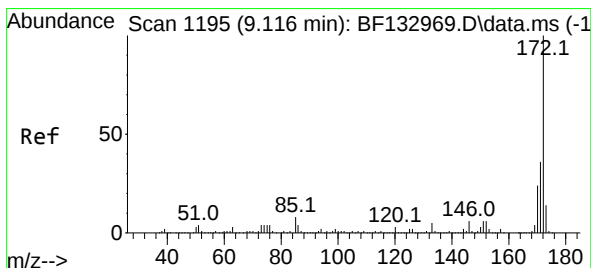
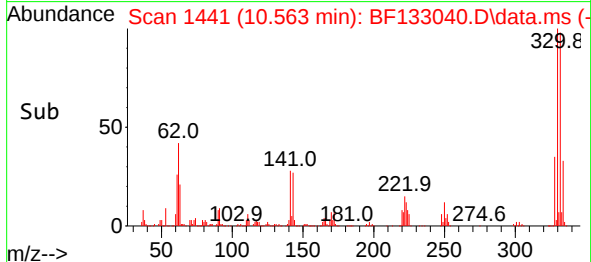
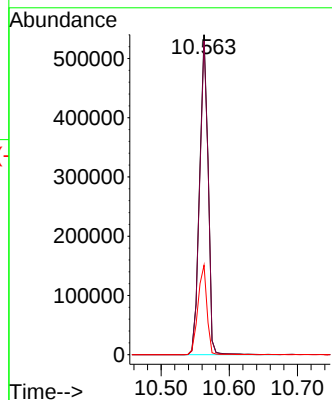
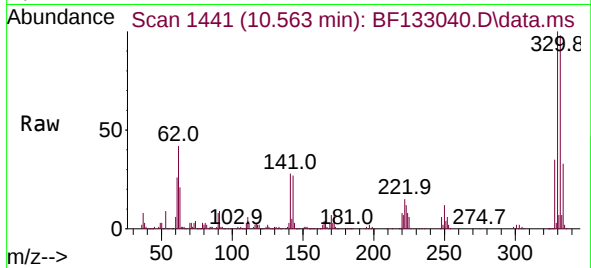




#42
2,4,6-Tribromophenol
Concen: 117.494 ng
RT: 10.563 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

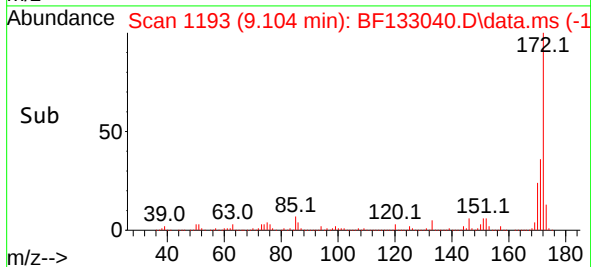
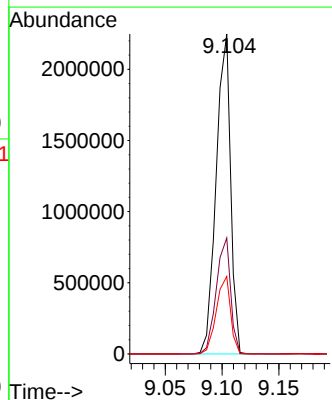
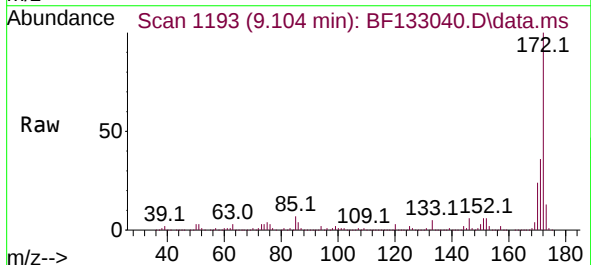
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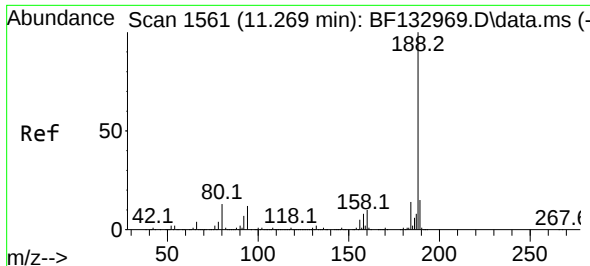
Tgt Ion: 330 Resp: 466409
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 29.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 84.314 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

Tgt Ion: 172 Resp: 1989249
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.2 19.4 29.2

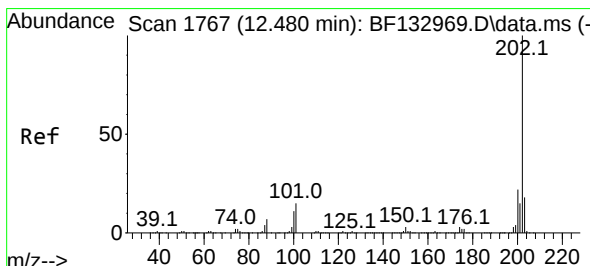
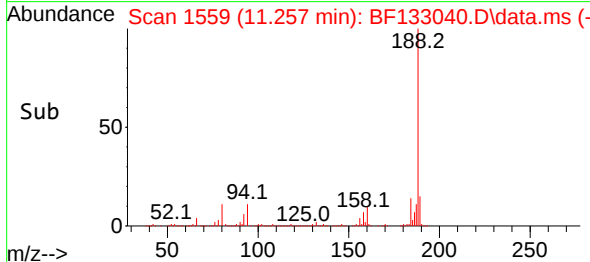
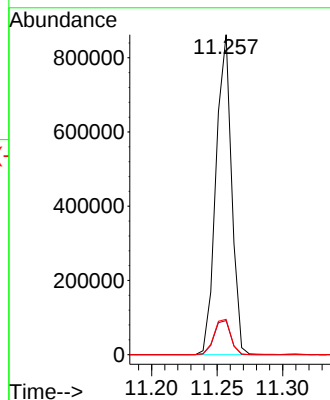
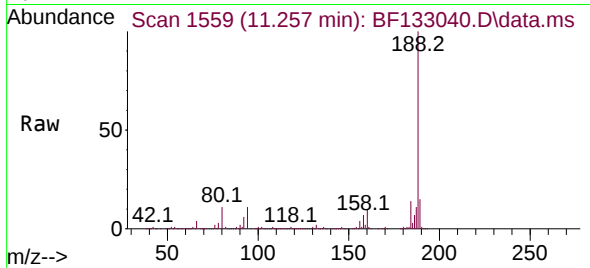




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

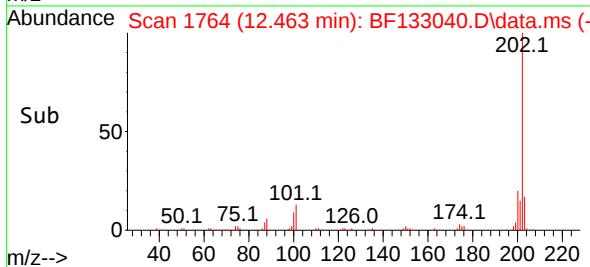
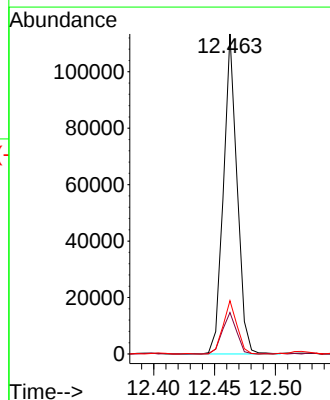
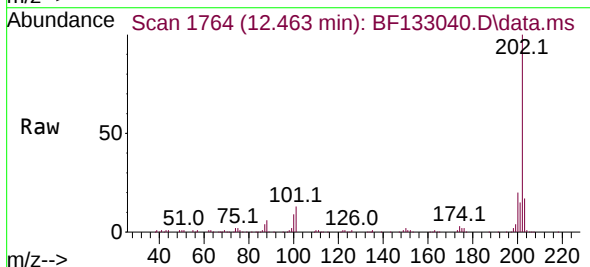
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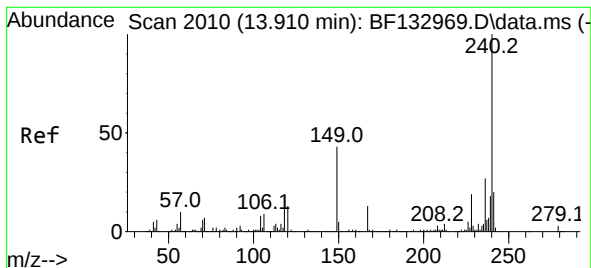
Tgt Ion:188 Resp: 713443
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 11.0 10.4 15.6



#75
Fluoranthene
Concen: 2.304 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF133040.D
Acq: 25 Apr 2023 21:58

Tgt Ion:202 Resp: 88681
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.3
203 16.7 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133040.D

Acq: 25 Apr 2023 21:58

Instrument :

BNA_F

ClientSampleId :

SB-19-5-7-20230411

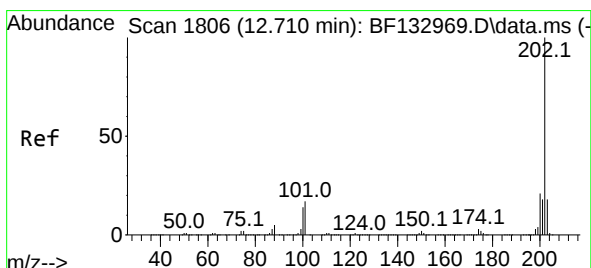
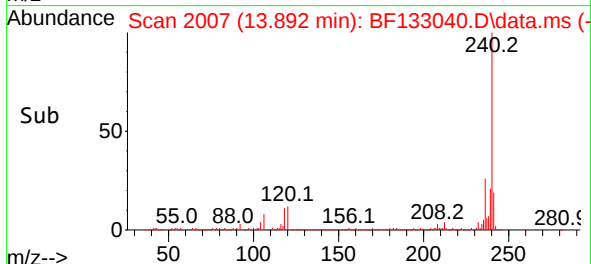
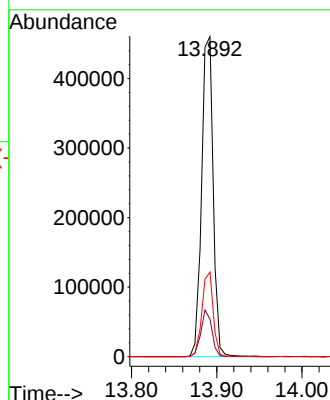
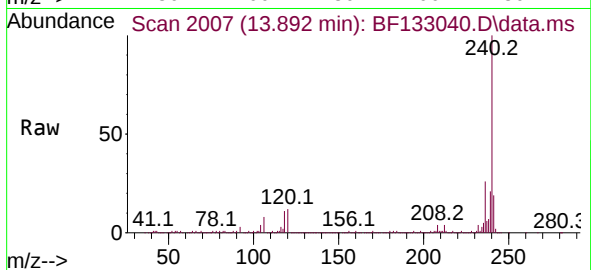
Tgt Ion:240 Resp: 434535

Ion Ratio Lower Upper

240 100

120 11.7 10.5 15.7

236 26.4 21.5 32.3



#78

Pyrene

Concen: 2.144 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF133040.D

Acq: 25 Apr 2023 21:58

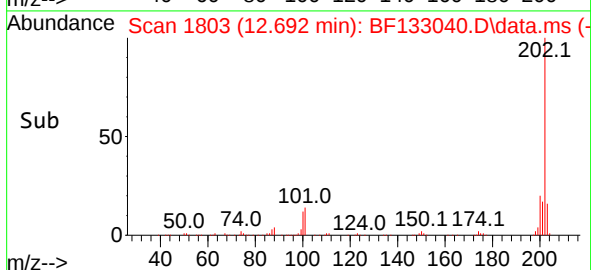
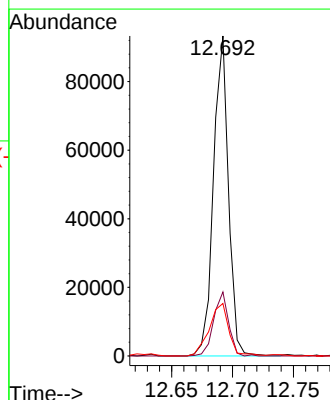
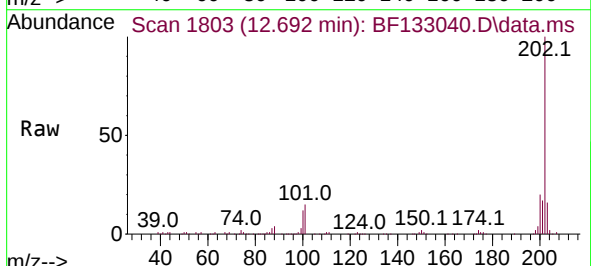
Tgt Ion:202 Resp: 79856

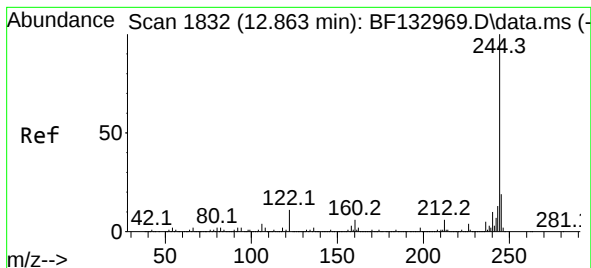
Ion Ratio Lower Upper

202 100

200 20.0 17.1 25.7

203 16.4 14.1 21.1





#79

Terphenyl-d14

Concen: 95.203 ng

RT: 12.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133040.D

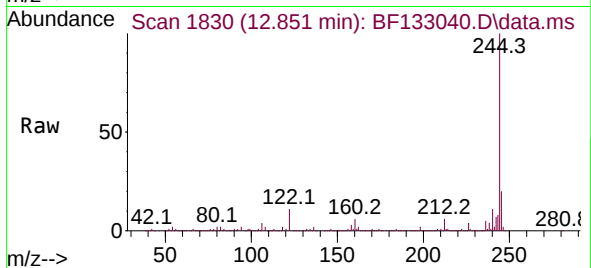
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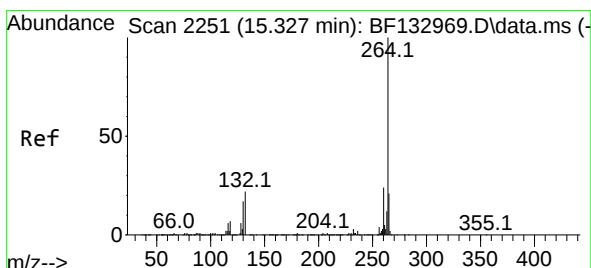
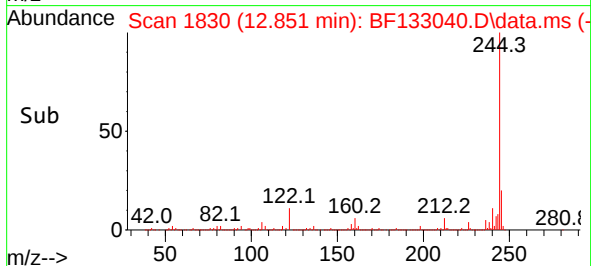
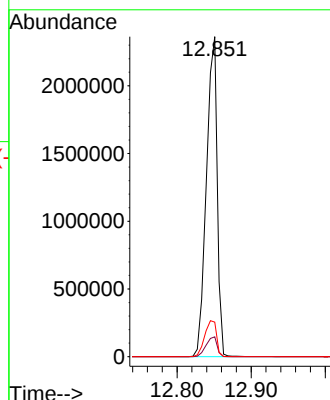
Tgt Ion:244 Resp: 2398677

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 10.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF133040.D

Acq: 25 Apr 2023 21:58

Tgt Ion:264 Resp: 372085

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.5 17.0 25.4

