

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132960.D
 Acq On : 21 Apr 2023 03:17
 Operator : CG\JU
 Sample : 02270-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-19-21-20230411

Quant Time: Apr 21 03:57:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	343836	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1368017	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	711956	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1221256	20.000	ng	0.00
76) Chrysene-d12	13.910	240	784245	20.000	ng	0.00
86) Perylene-d12	15.339	264	674170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2116111	96.235	ng	0.01
7) Phenol-d6	6.387	99	2748228	97.945	ng	0.00
23) Nitrobenzene-d5	7.322	82	1668162	63.561	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	472848	66.216	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2846848	61.428	ng	0.00
79) Terphenyl-d14	12.868	244	3176784	69.109	ng	0.00

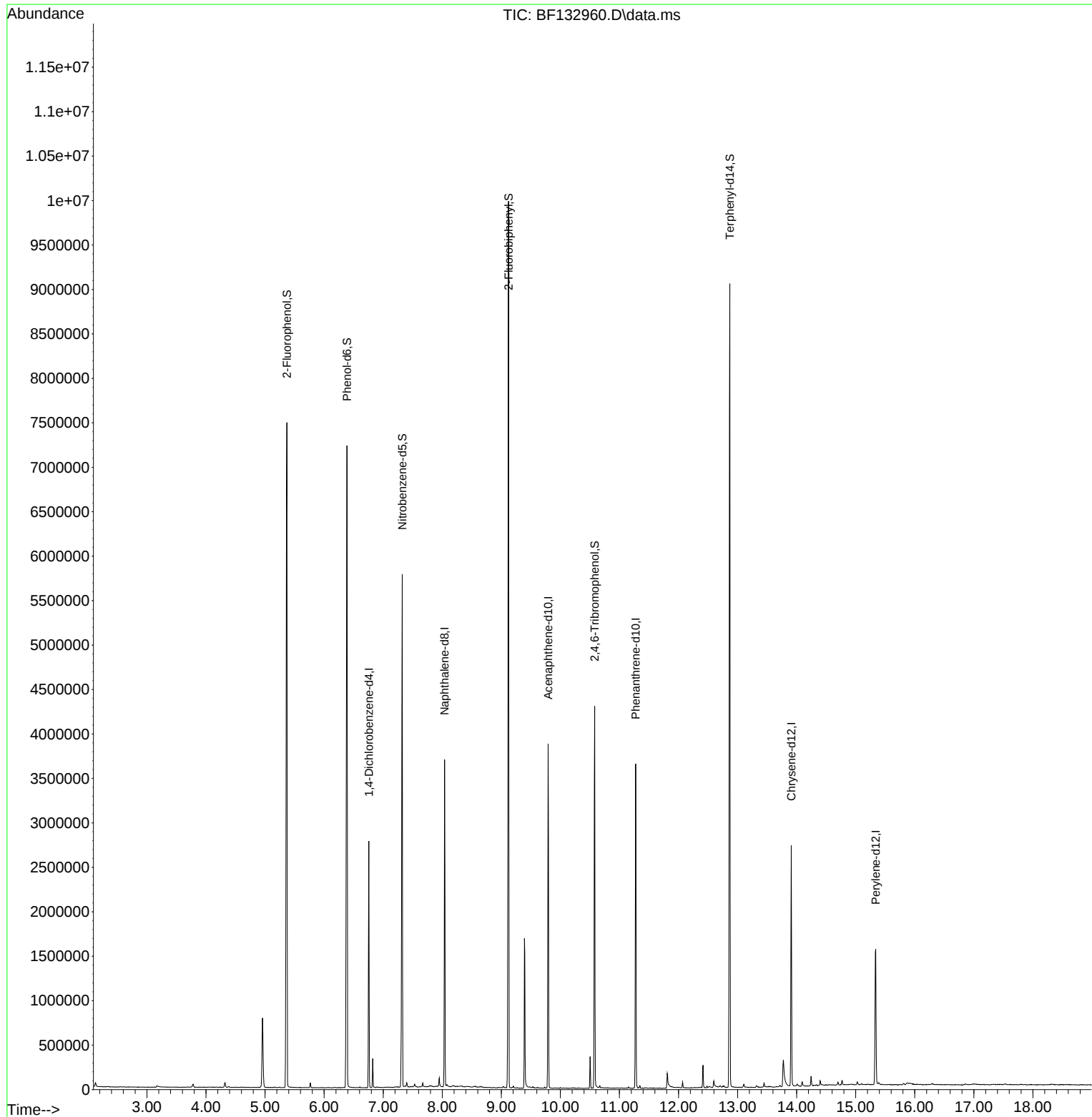
Target Compounds	Qvalue

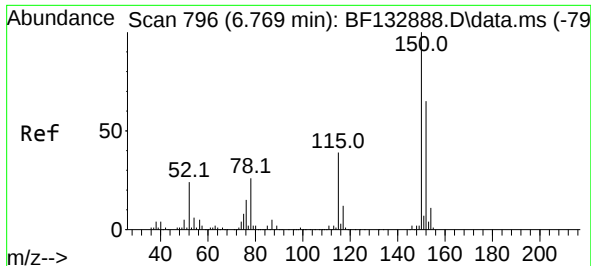
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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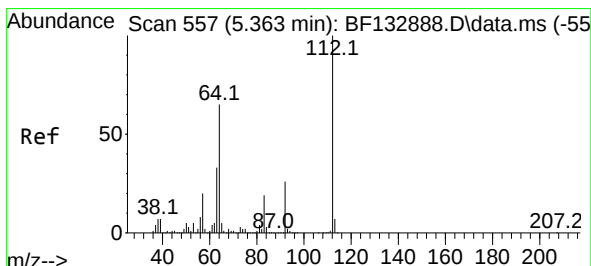
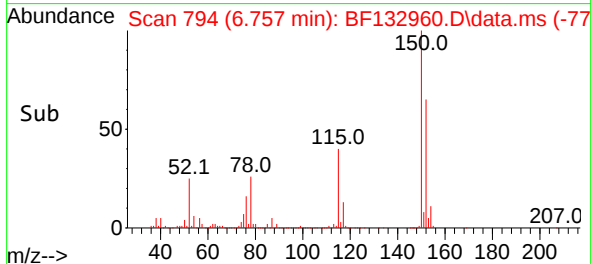
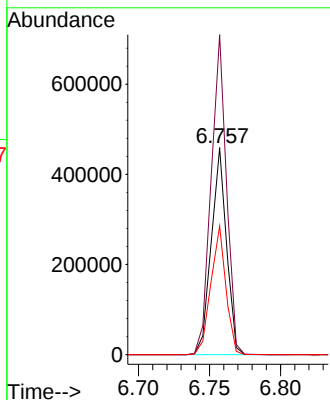
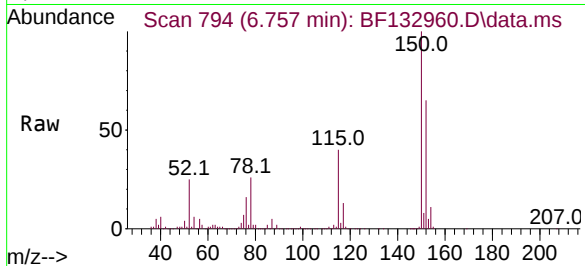




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

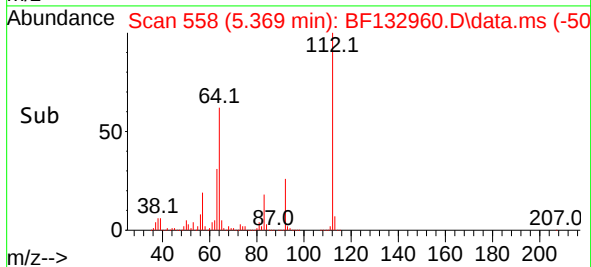
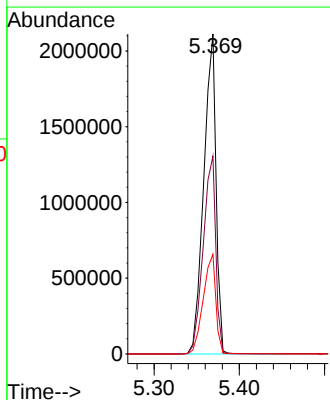
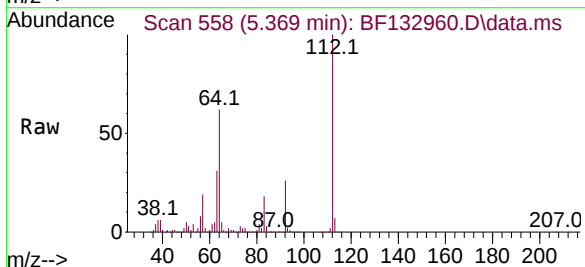
Instrument :
BNA_F
ClientSampleId :
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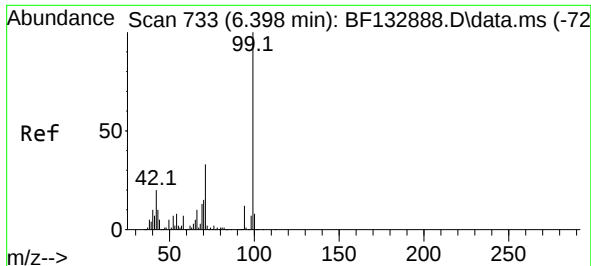
Tgt Ion:152 Resp: 343836
Ion Ratio Lower Upper
152 100
150 154.6 122.8 184.2
115 62.1 47.3 70.9



#5
2-Fluorophenol
Concen: 96.235 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.012 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

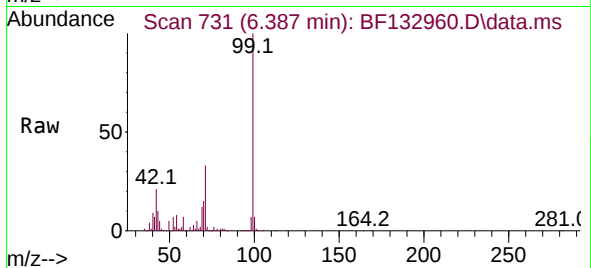
Tgt Ion:112 Resp: 2116111
Ion Ratio Lower Upper
112 100
64 61.8 51.8 77.8
63 31.2 26.3 39.5





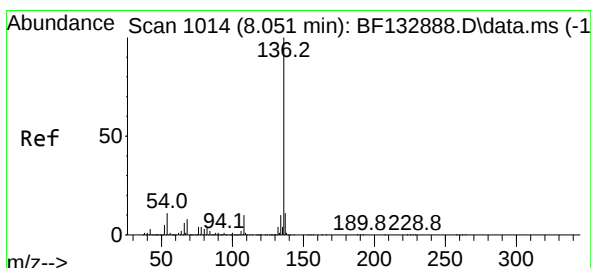
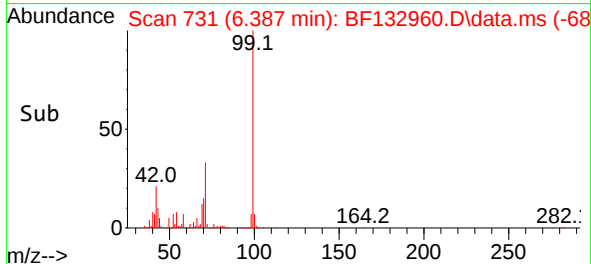
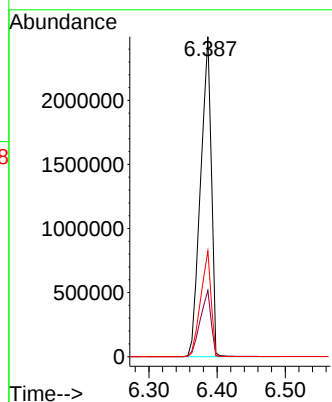
#7
Phenol-d6
Concen: 97.945 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

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Tgt Ion: 99 Resp: 2748228

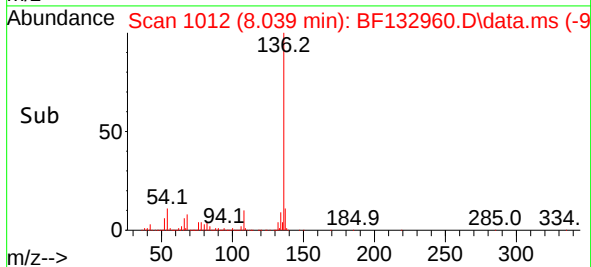
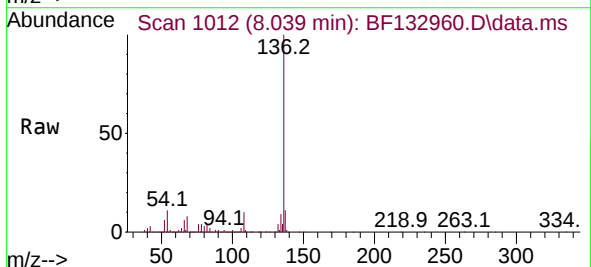
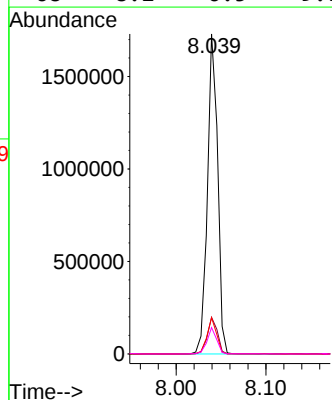
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.1	24.1
71	33.0	26.1	39.1

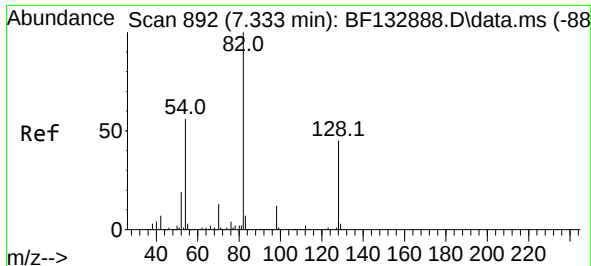


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion: 136 Resp: 1368017

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	11.3	8.9	13.3
68	8.2	6.5	9.7





#23

Nitrobenzene-d5

Concen: 63.561 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132960.D

Acq: 21 Apr 2023 03:17

Instrument :

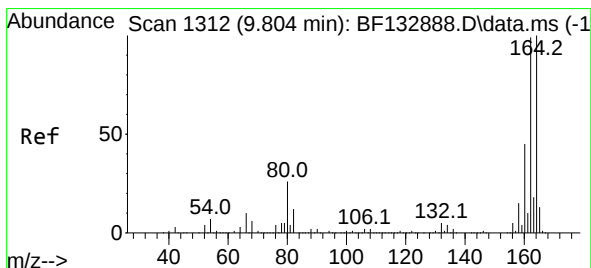
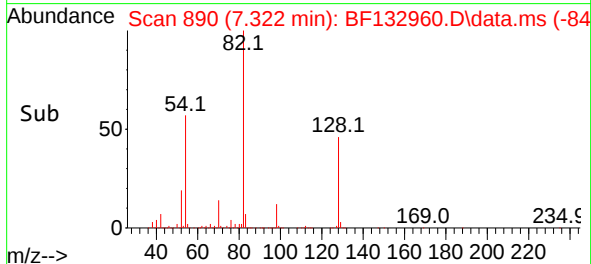
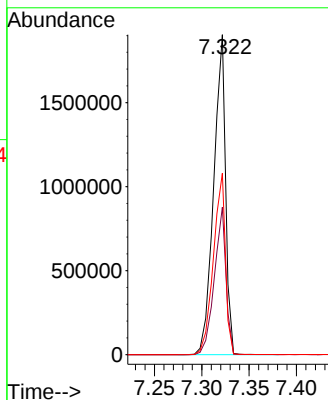
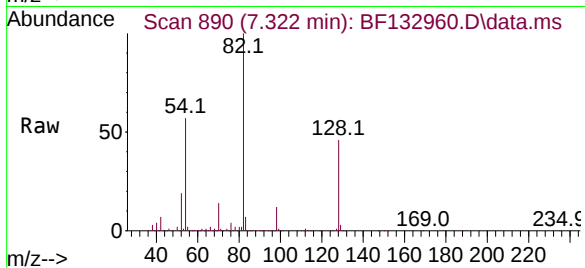
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Tgt Ion: 82 Resp: 1668162

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	56.7	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

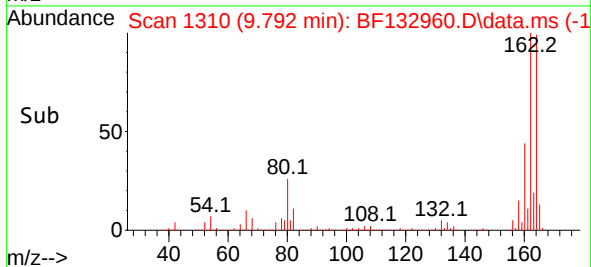
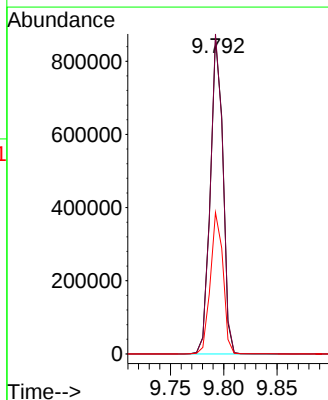
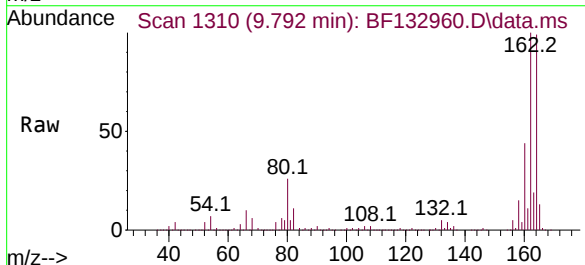
Delta R.T. -0.006 min

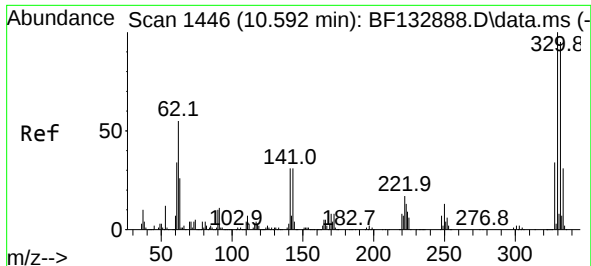
Lab File: BF132960.D

Acq: 21 Apr 2023 03:17

Tgt Ion: 164 Resp: 711956

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.1	118.7
160	44.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 66.216 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132960.D

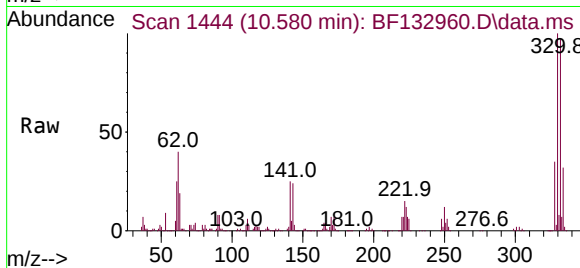
Acq: 21 Apr 2023 03:17

Instrument :

BNA_F

ClientSampleId :

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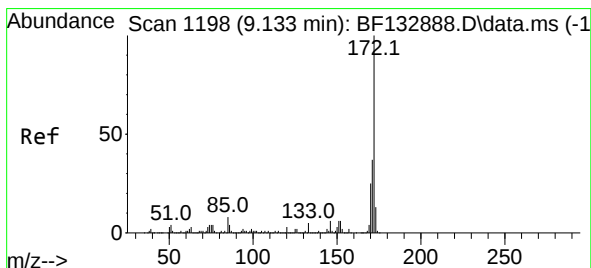
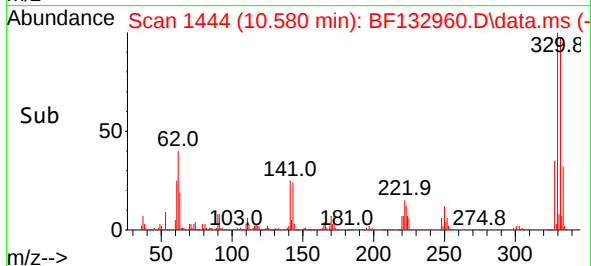
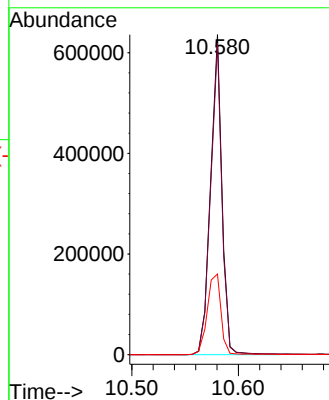
Tgt Ion:330 Resp: 472848

Ion Ratio Lower Upper

330 100

332 97.2 76.3 114.5

141 30.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 61.428 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132960.D

Acq: 21 Apr 2023 03:17

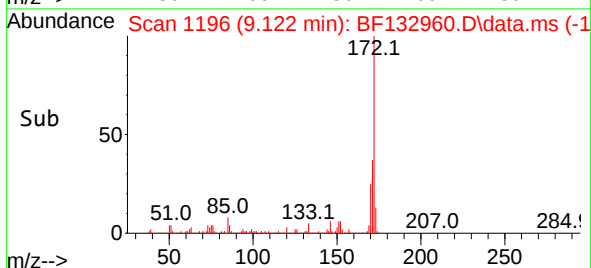
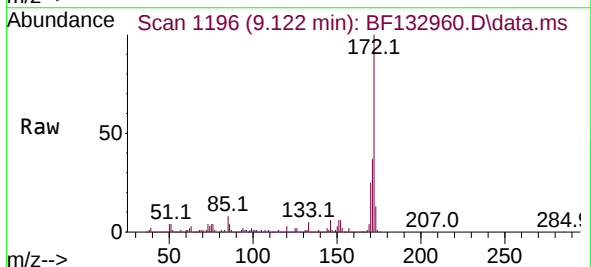
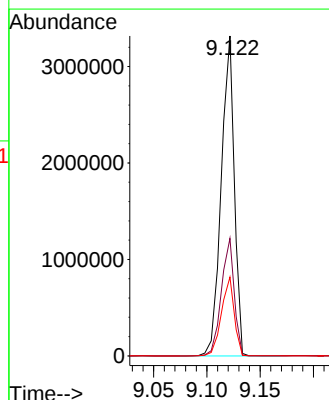
Tgt Ion:172 Resp: 2846848

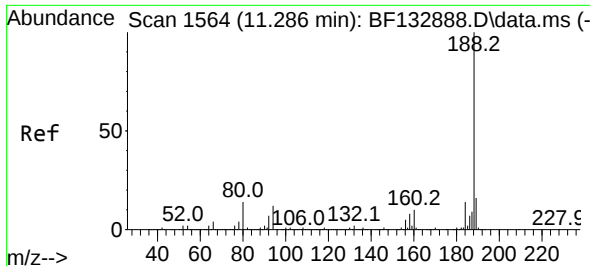
Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

170 24.7 20.1 30.1

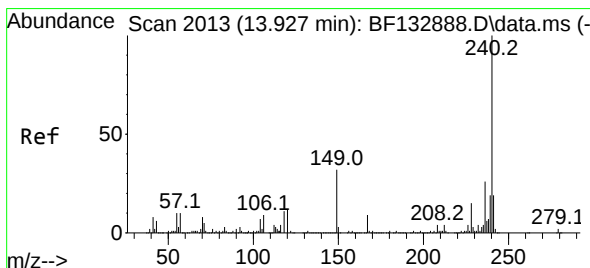
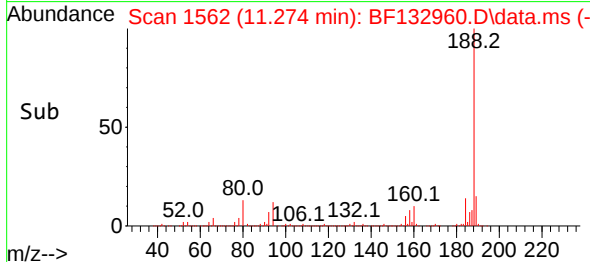
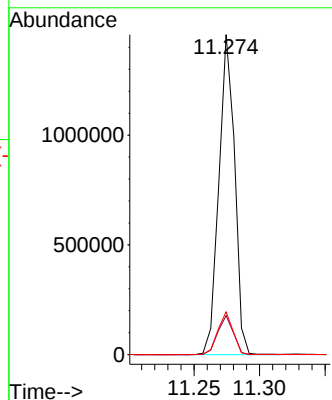
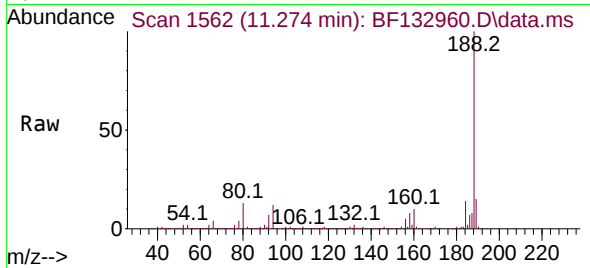




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

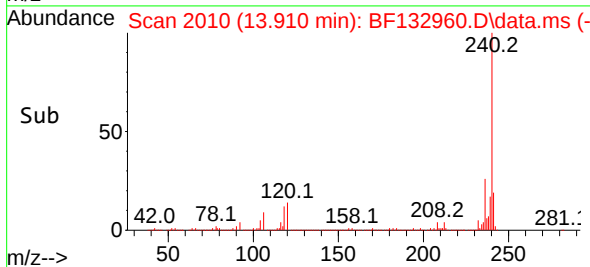
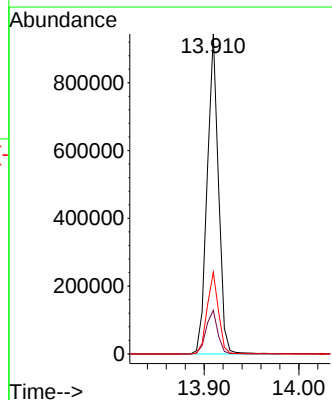
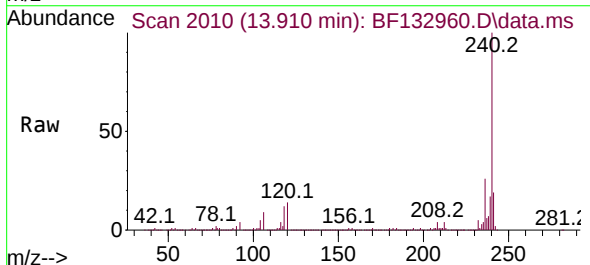
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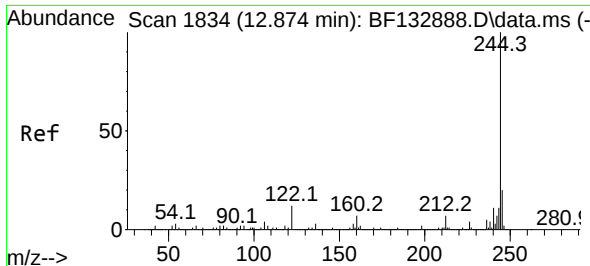
Tgt Ion:188 Resp: 1221256
Ion Ratio Lower Upper
188 100
94 12.2 9.9 14.9
80 13.4 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

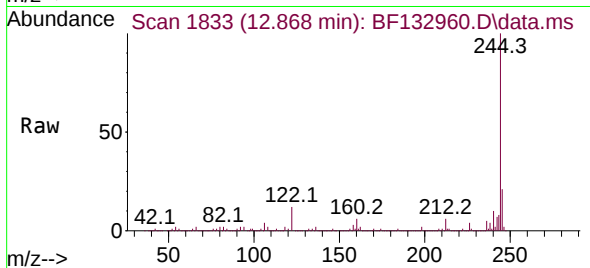
Tgt Ion:240 Resp: 784245
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 25.5 20.8 31.2



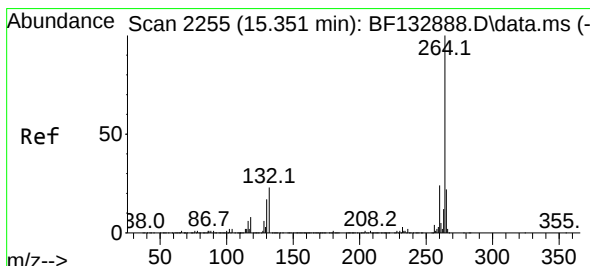
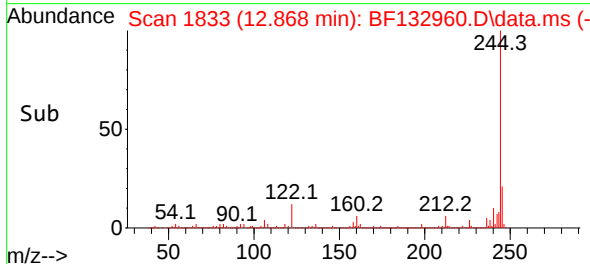
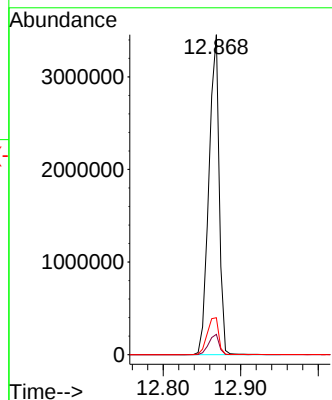


#79
 Terphenyl-d14
 Concen: 69.109 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF132960.D
 Acq: 21 Apr 2023 03:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-19-21-20230411



Tgt Ion:244 Resp: 3176784
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.000 min
 Lab File: BF132960.D
 Acq: 21 Apr 2023 03:17

Tgt Ion:264 Resp: 674170
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.8 17.7 26.5

