

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133421.D
 Acq On : 17 May 2023 19:20
 Operator : CG\JU
 Sample : 02812-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B5-10-20

Quant Time: May 18 04:05:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	227298	20.000	ng	-0.01
21) Naphthalene-d8	7.998	136	930285	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	491075	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	869137	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	443430	20.000	ng	-0.02
86) Perylene-d12	15.292	264	510529	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1567350	104.165	ng	0.00
7) Phenol-d6	6.363	99	1874468	100.367	ng	0.00
23) Nitrobenzene-d5	7.281	82	1139507	66.116	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	485119	98.228	ng	-0.01
45) 2-Fluorobiphenyl	9.075	172	1839812	62.679	ng	-0.01
79) Terphenyl-d14	12.821	244	1838460	71.505	ng	-0.01

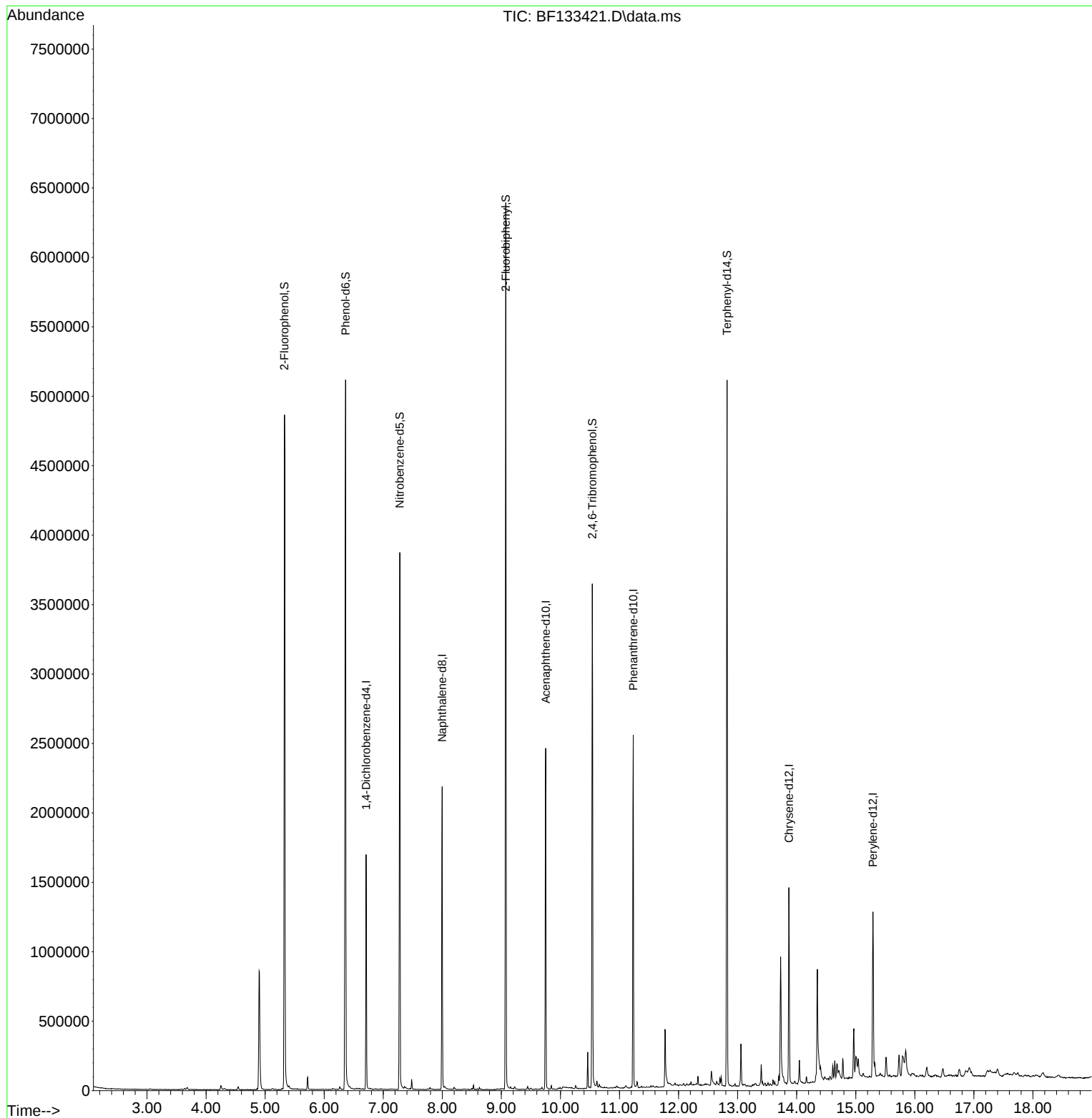
Target Compounds	Qvalue

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

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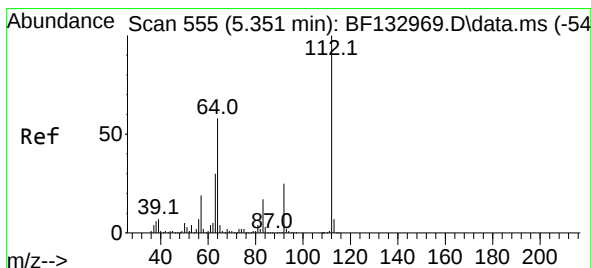
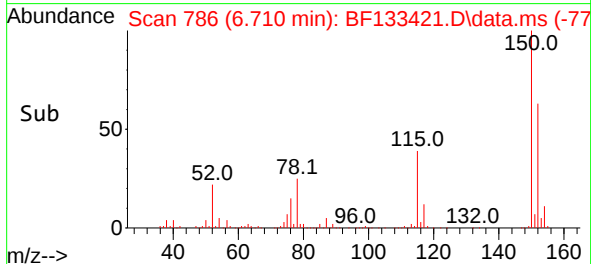
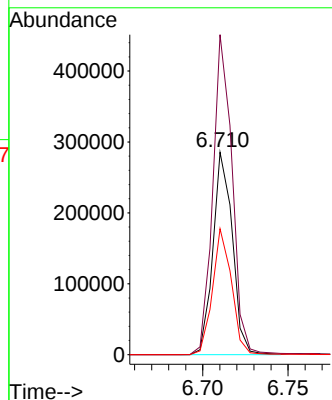
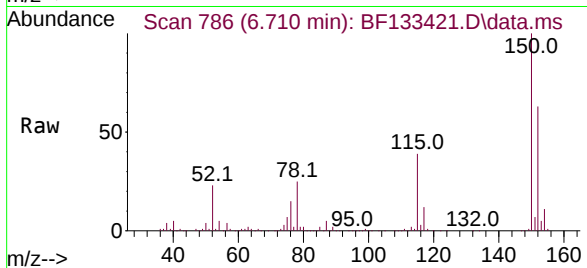




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 793
Delta R.T. -0.012 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

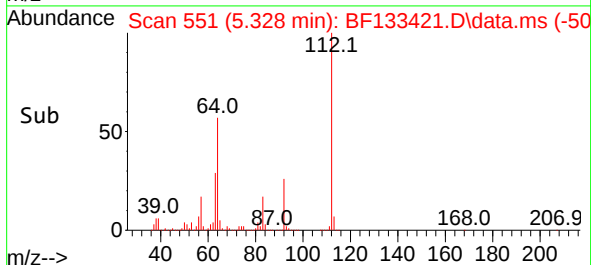
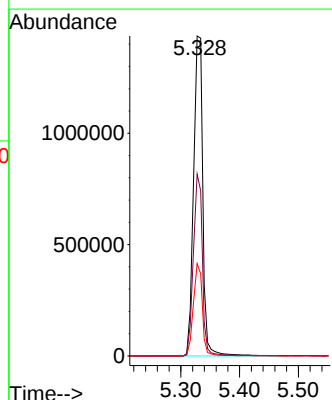
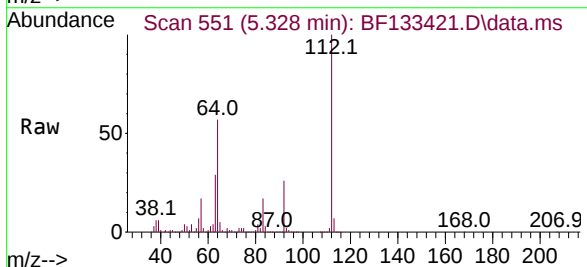
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-10-20

Tgt Ion:152 Resp: 227298
Ion Ratio Lower Upper
152 100
150 158.1 124.8 187.2
115 62.2 49.9 74.9



#5
2-Fluorophenol
Concen: 104.165 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

Tgt Ion:112 Resp: 1567350
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.9 23.8 35.8

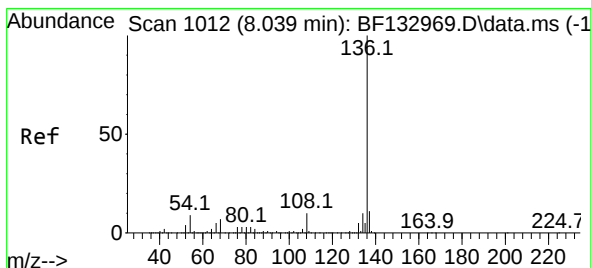
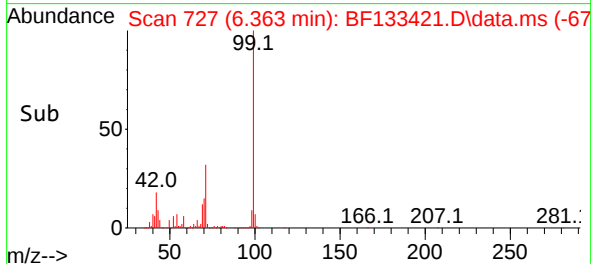
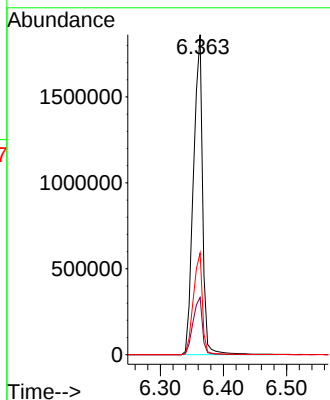
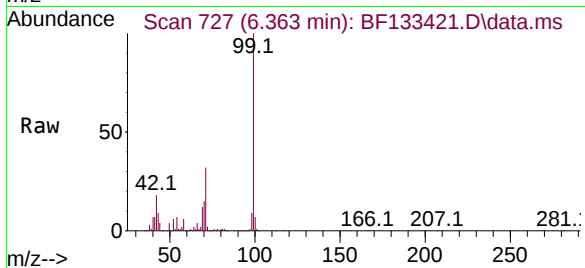




#7
Phenol-d6
Concen: 100.367 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

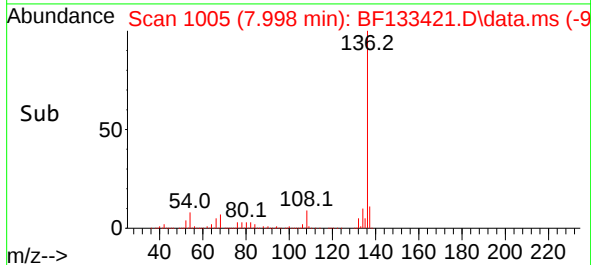
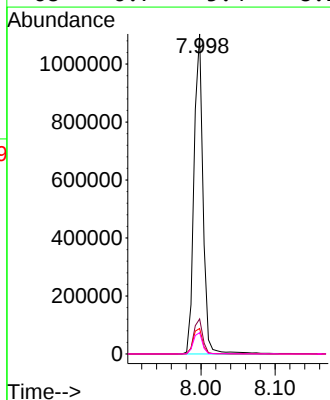
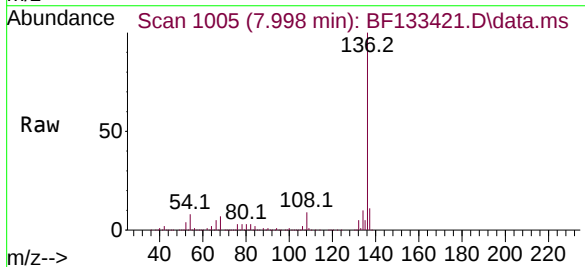
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-10-20

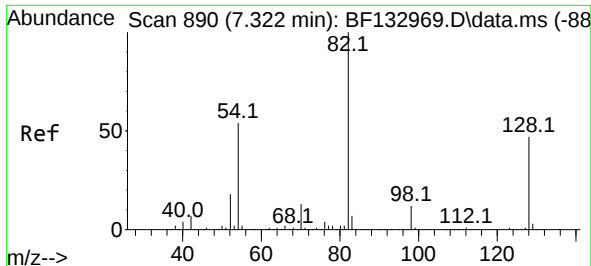
Tgt Ion: 99 Resp: 1874468
Ion Ratio Lower Upper
99 100
42 17.9 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

Tgt Ion: 136 Resp: 930285
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 66.116 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133421.D

Acq: 17 May 2023 19:20

Instrument :

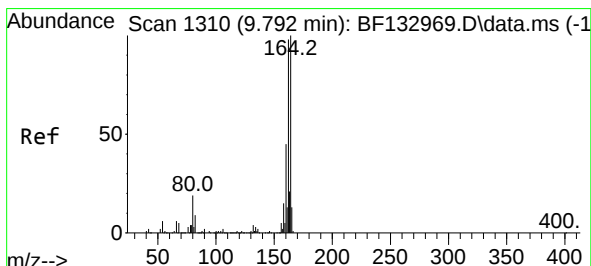
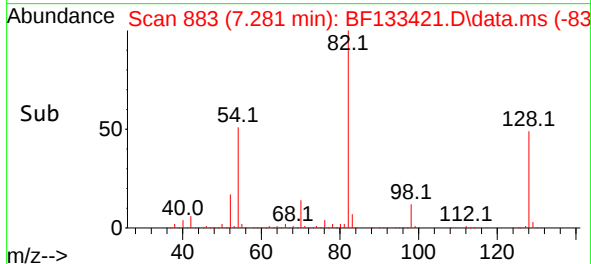
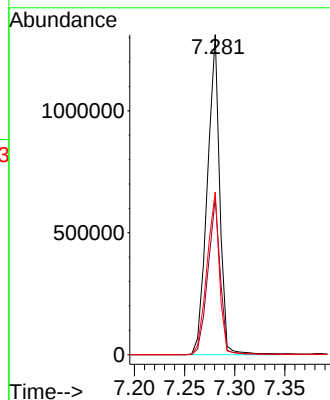
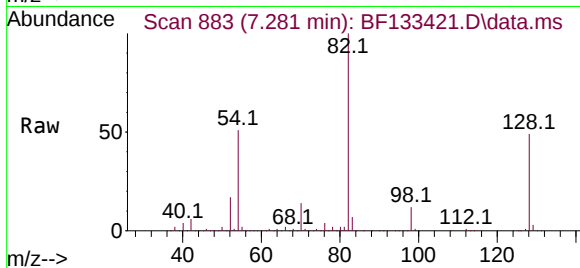
BNA_F

ClientSampleId :

WG-0516-B5-10-20

Tgt Ion: 82 Resp: 1139507

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.7	56.5
54	50.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

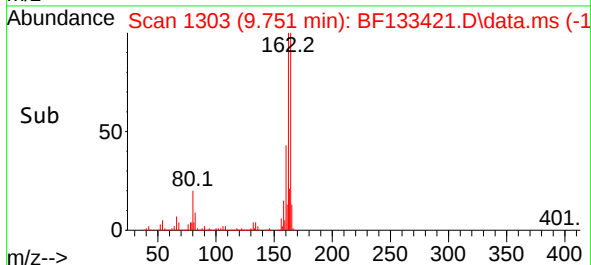
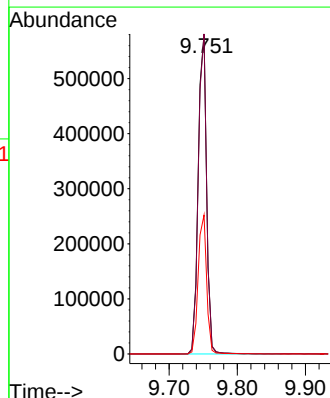
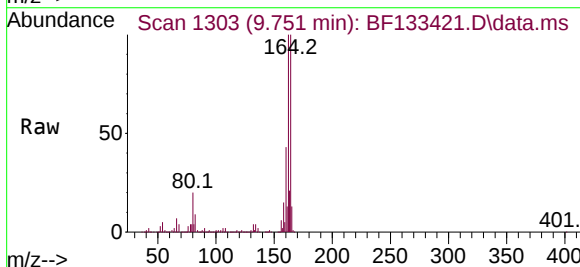
Delta R.T. -0.012 min

Lab File: BF133421.D

Acq: 17 May 2023 19:20

Tgt Ion: 164 Resp: 491075

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	43.4	35.8	53.6

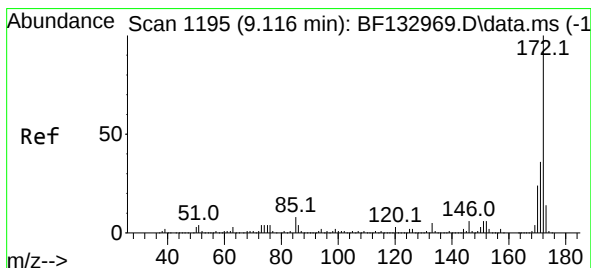
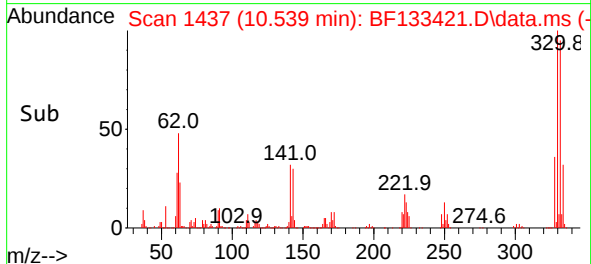
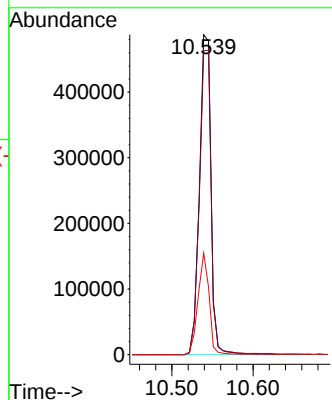
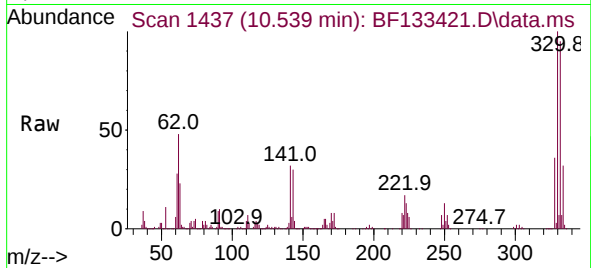




#42
2,4,6-Tribromophenol
Concen: 98.228 ng
RT: 10.539 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

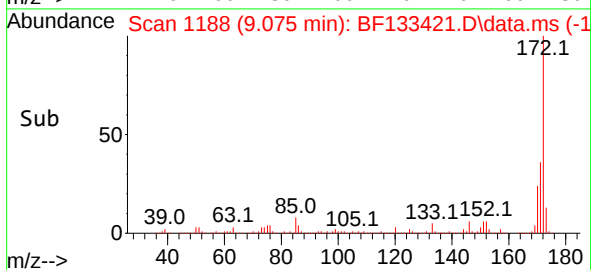
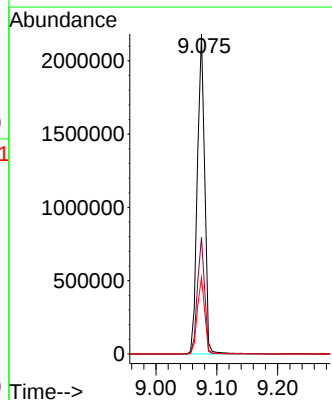
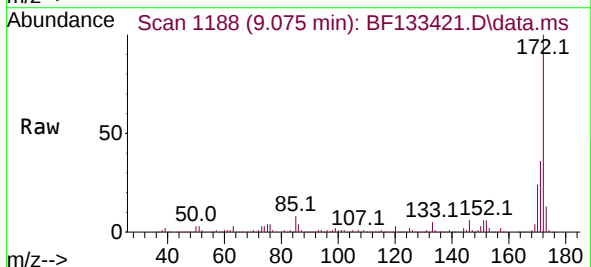
Instrument :
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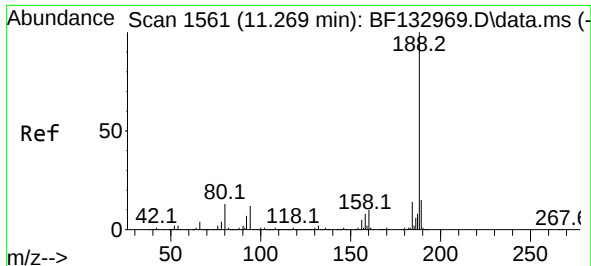
Tgt Ion:330 Resp: 485119
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 62.679 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

Tgt Ion:172 Resp: 1839812
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.9 19.4 29.2

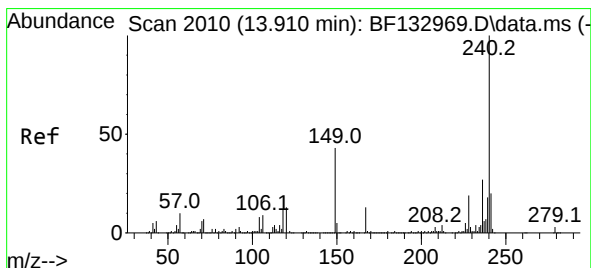
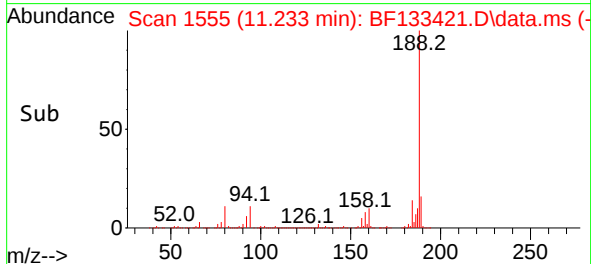
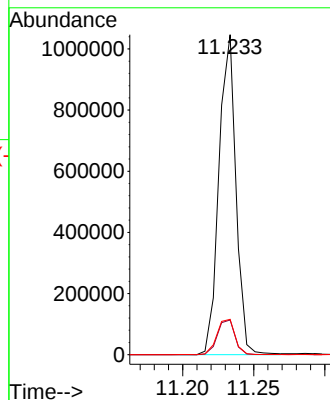
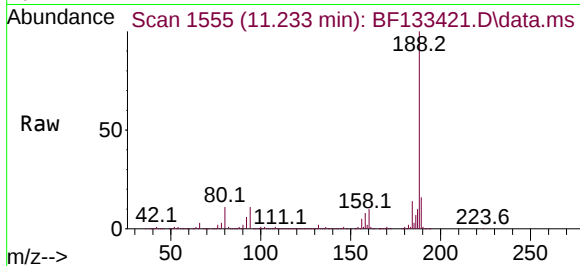




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

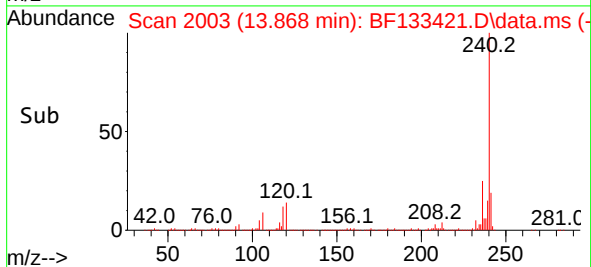
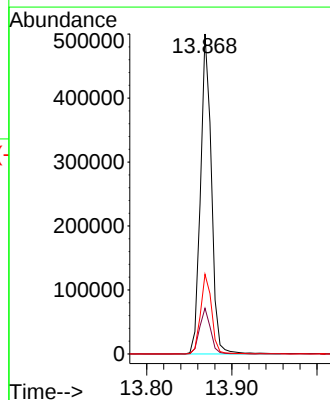
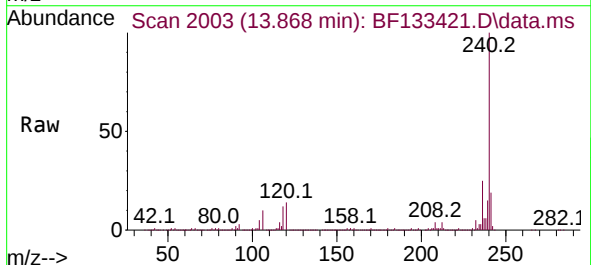
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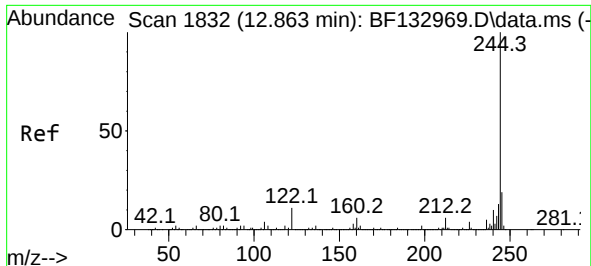
Tgt Ion:188 Resp: 869137
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.0 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.018 min
Lab File: BF133421.D
Acq: 17 May 2023 19:20

Tgt Ion:240 Resp: 443430
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 24.9 21.5 32.3

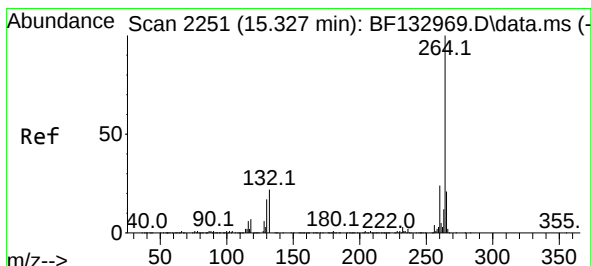
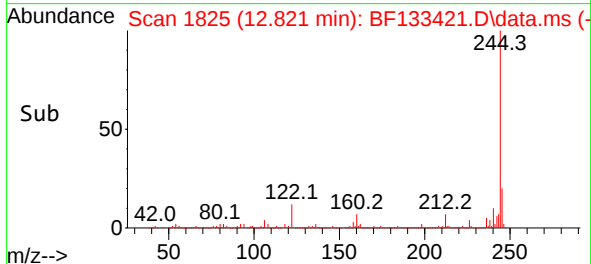
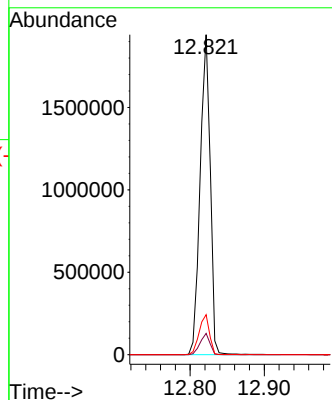
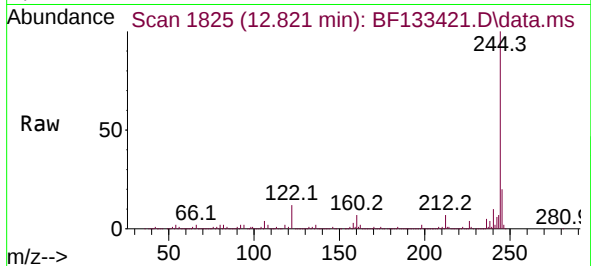




#79
 Terphenyl-d14
 Concen: 71.505 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF133421.D
 Acq: 17 May 2023 19:20

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B5-10-20

Tgt Ion:244 Resp: 1838460
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF133421.D
 Acq: 17 May 2023 19:20

Tgt Ion:264 Resp: 510529
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.4 17.0 25.4

