

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133290.D
 Acq On : 08 May 2023 12:38
 Operator : CG\JU
 Sample : PB152610BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152610BL

Quant Time: May 09 05:03:01 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 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	241483	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1042816	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	565162	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1051218	20.000	ng	0.00
76) Chrysene-d12	13.874	240	691408	20.000	ng	0.00
86) Perylene-d12	15.292	264	548780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1900123	118.863	ng	0.02
7) Phenol-d6	6.369	99	2337065	117.785	ng	0.00
23) Nitrobenzene-d5	7.292	82	1422417	73.625	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	594824	104.653	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2358327	69.811	ng	0.00
79) Terphenyl-d14	12.833	244	2713297	67.681	ng	0.00

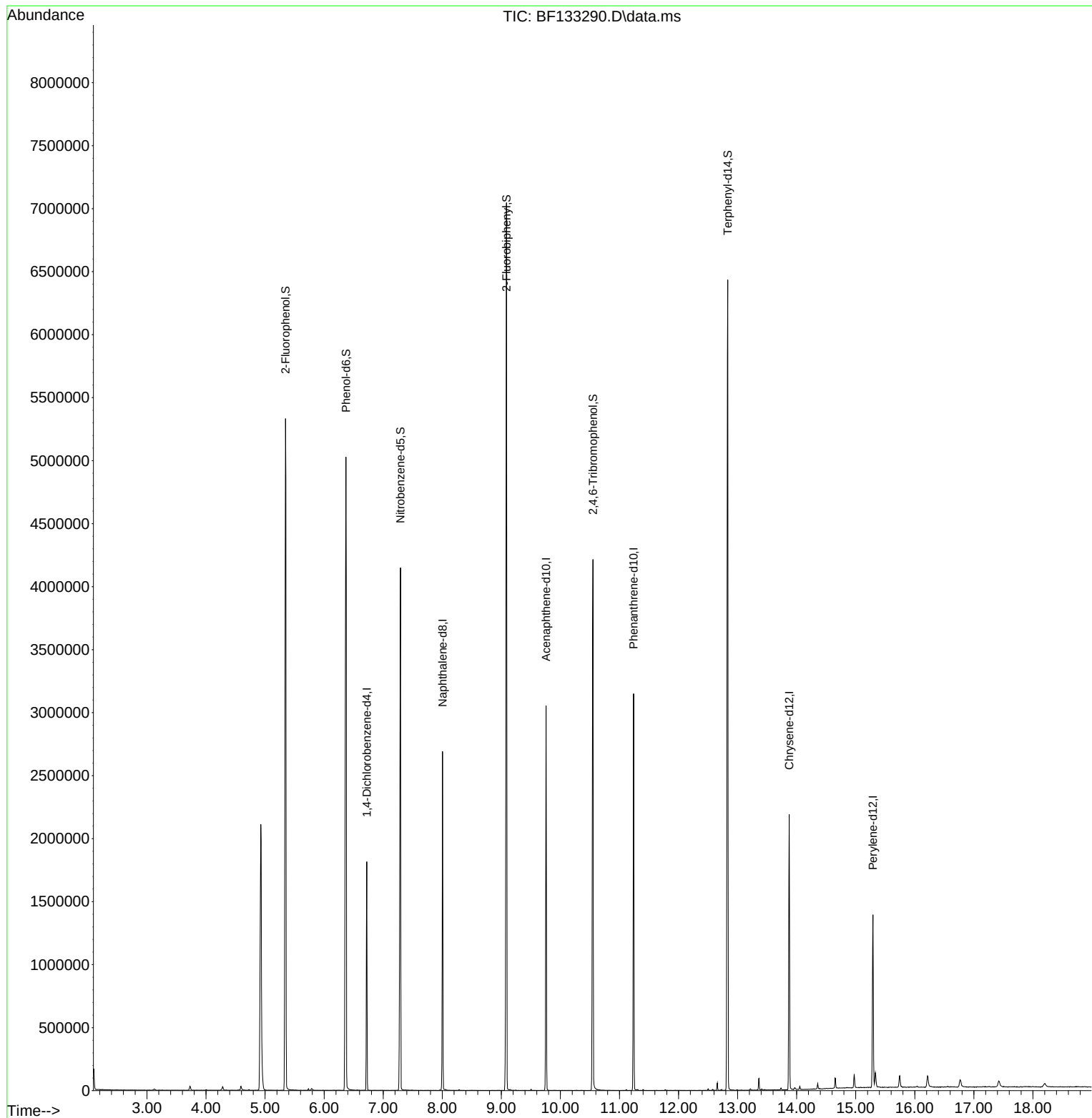
Target Compounds	Qvalue

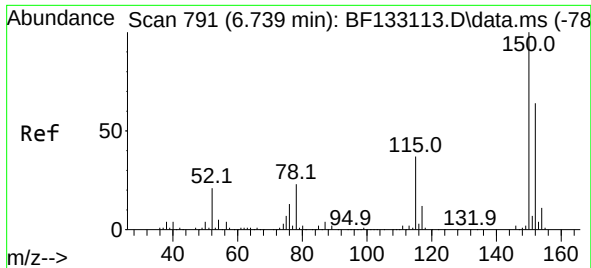
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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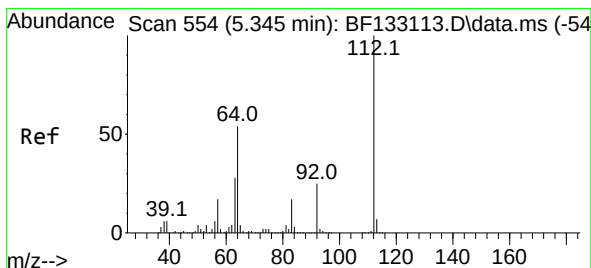
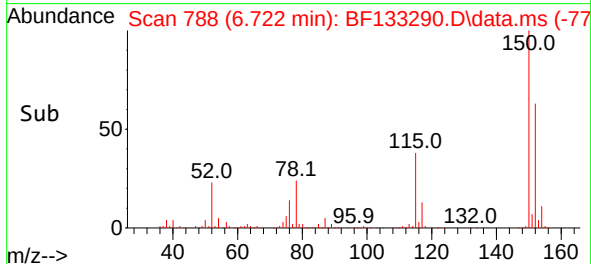
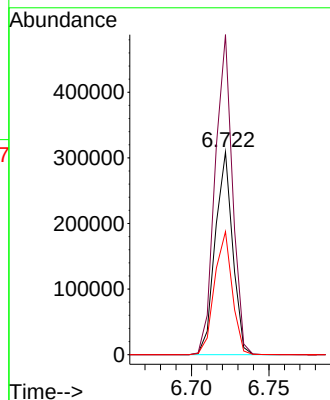
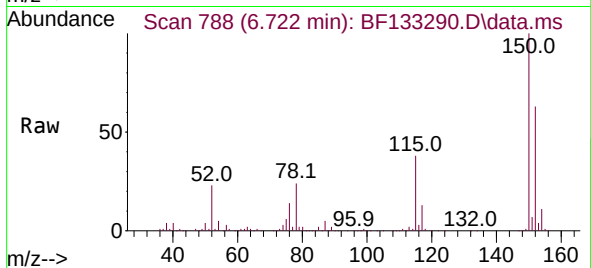




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133290.D
 Acq: 08 May 2023 12:38

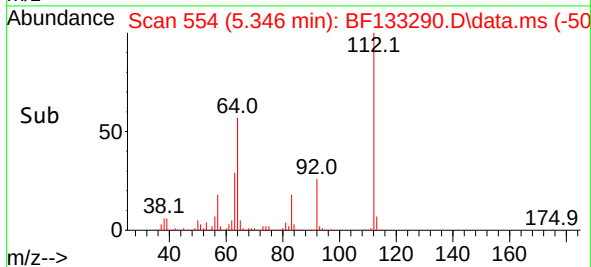
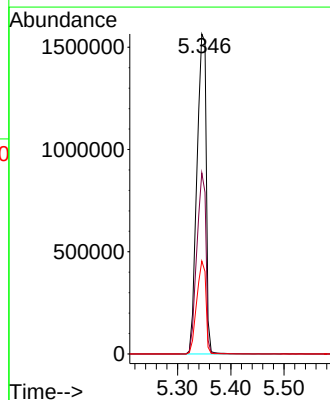
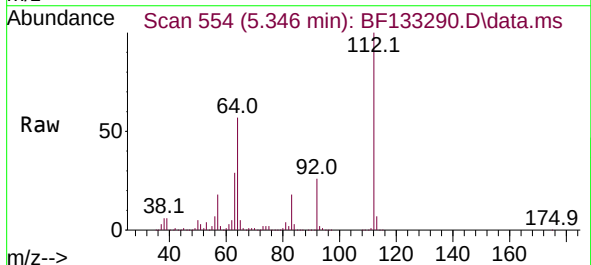
Instrument :
 BNA_F
 ClientSampleId :
 PB152610BL

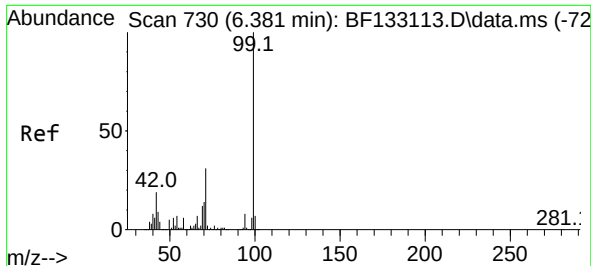
Tgt Ion:152 Resp: 241483
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.8 187.2
 115 60.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 118.863 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133290.D
 Acq: 08 May 2023 12:38

Tgt Ion:112 Resp: 1900123
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.8 70.2
 63 29.1 23.8 35.8

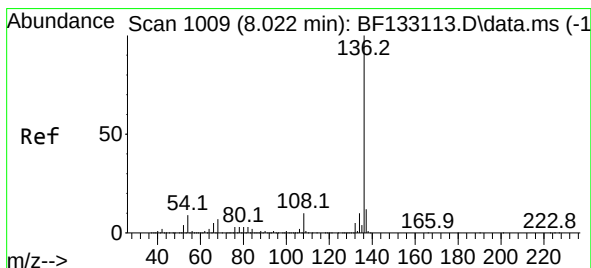
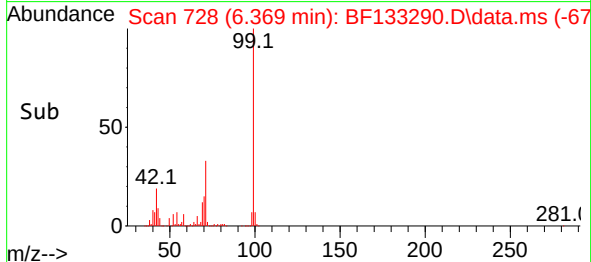
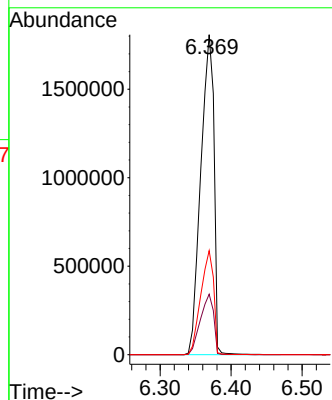
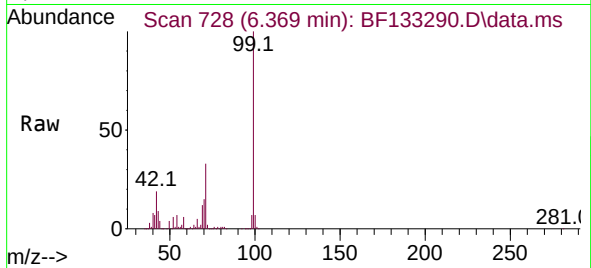




#7
Phenol-d6
Concen: 117.785 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133290.D
Acq: 08 May 2023 12:38

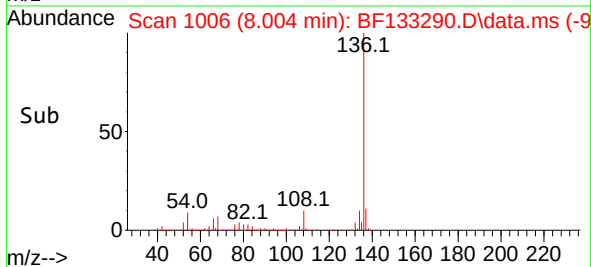
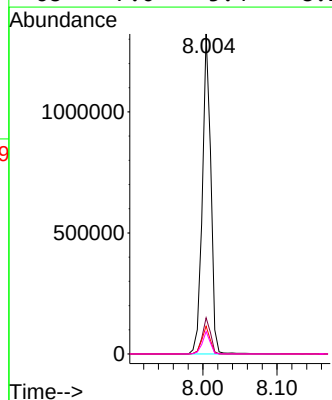
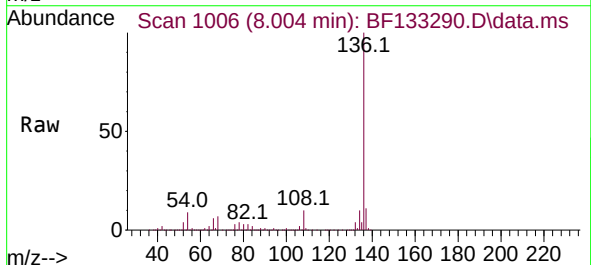
Instrument :
BNA_F
ClientSampleId :
PB152610BL

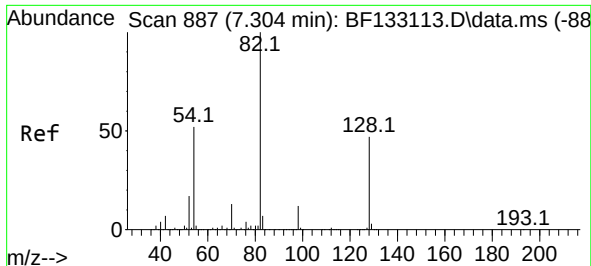
Tgt Ion: 99 Resp: 2337065
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133290.D
Acq: 08 May 2023 12:38

Tgt Ion: 136 Resp: 1042816
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.7 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.625 ng

RT: 7.292 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133290.D

Acq: 08 May 2023 12:38

Instrument :

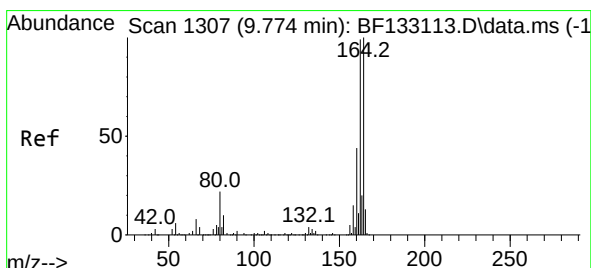
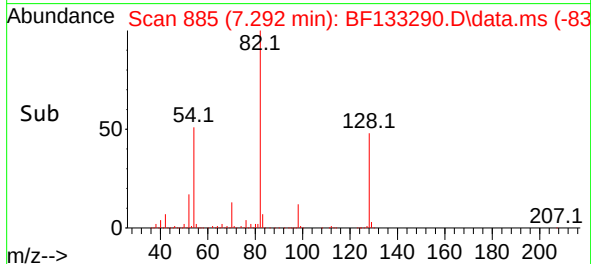
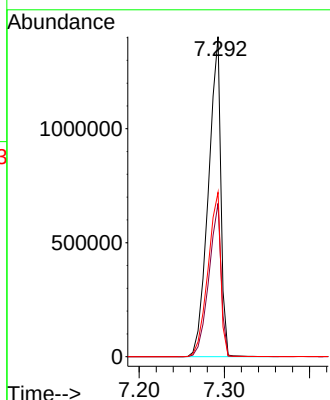
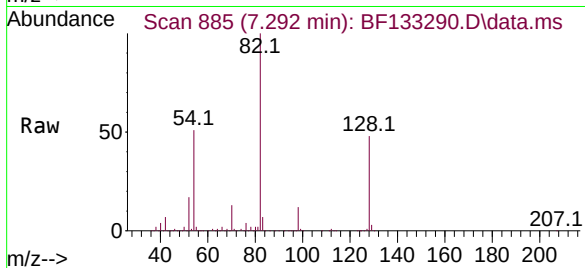
BNA_F

ClientSampleId :

PB152610BL

Tgt Ion: 82 Resp: 1422417

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	51.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

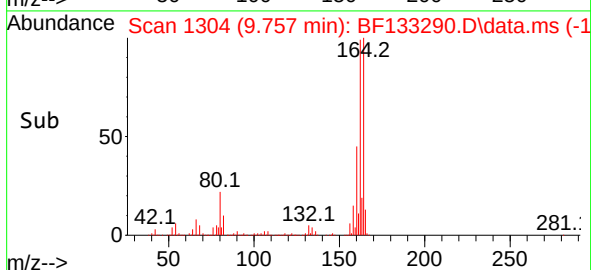
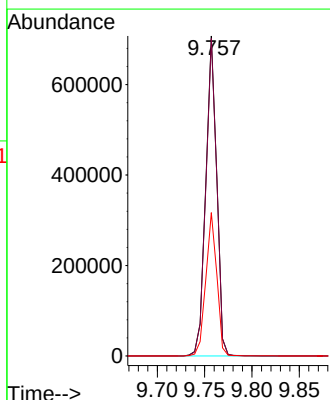
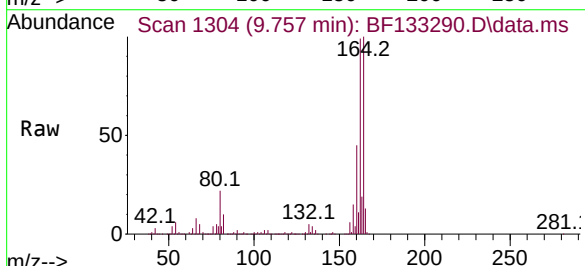
Delta R.T. -0.006 min

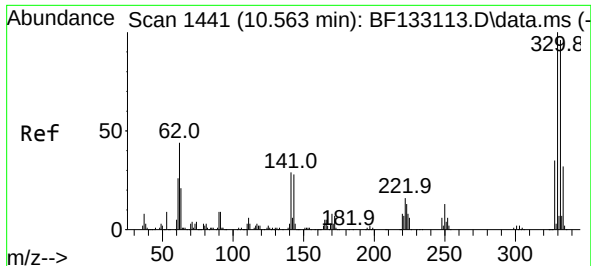
Lab File: BF133290.D

Acq: 08 May 2023 12:38

Tgt Ion: 164 Resp: 565162

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	44.8	35.8	53.6

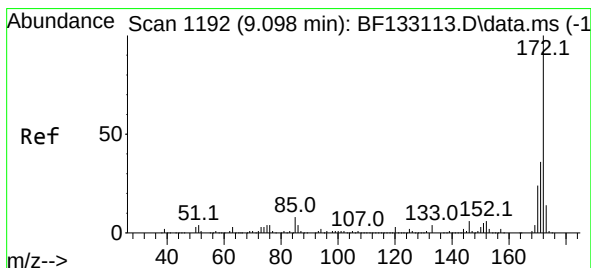
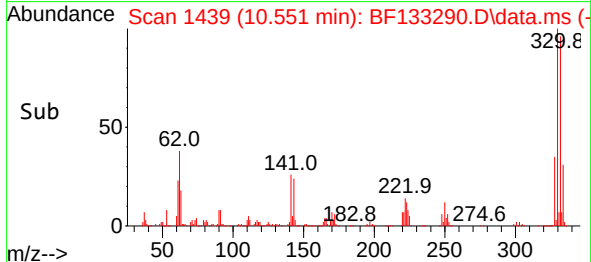
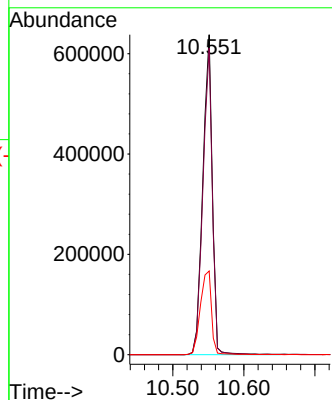
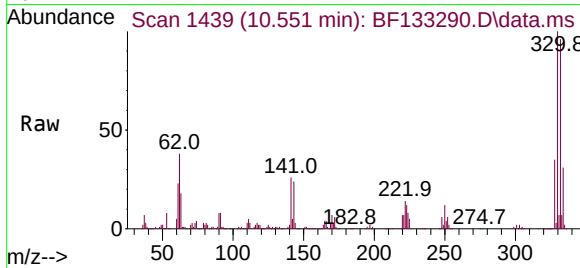




#42
2,4,6-Tribromophenol
Concen: 104.653 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133290.D
Acq: 08 May 2023 12:38

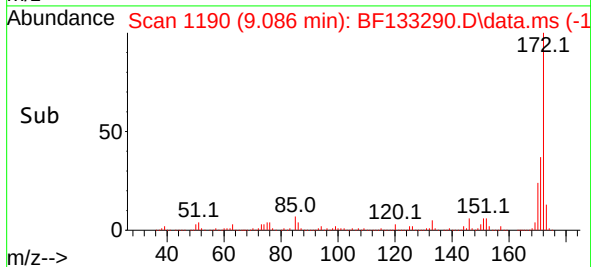
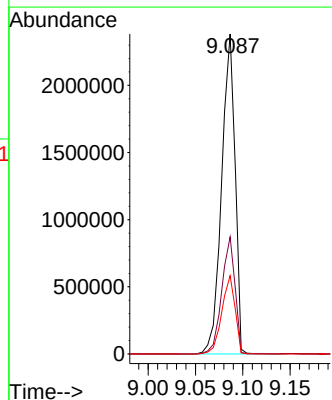
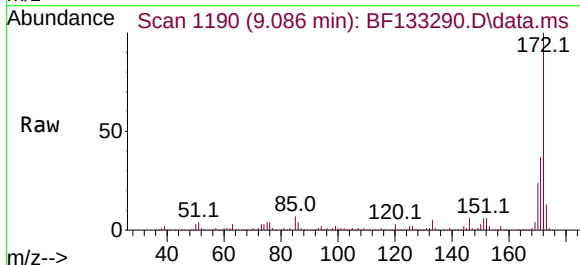
Instrument :
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ClientSampleId :
PB152610BL

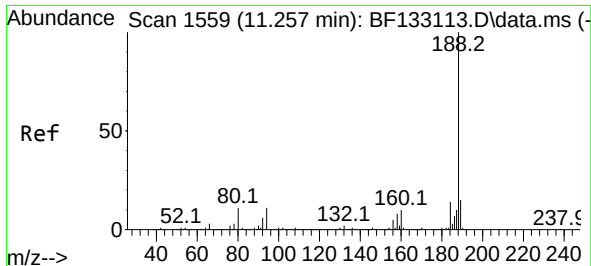
Tgt Ion:330 Resp: 594824
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 69.811 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133290.D
Acq: 08 May 2023 12:38

Tgt Ion:172 Resp: 2358327
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.5 19.4 29.2

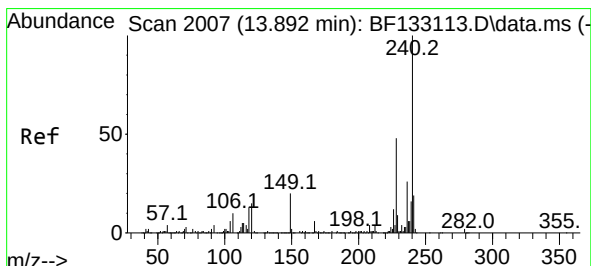
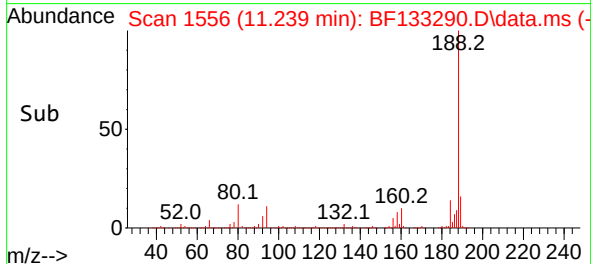
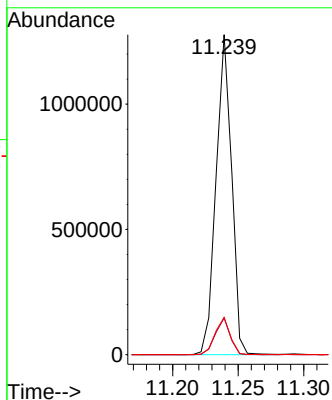
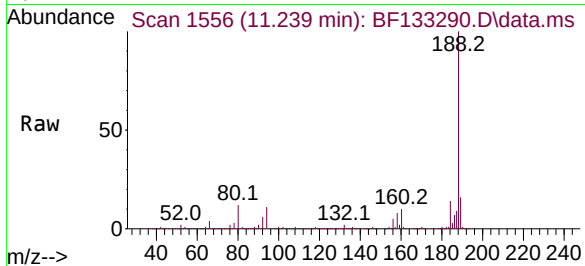




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133290.D
Acq: 08 May 2023 12:38

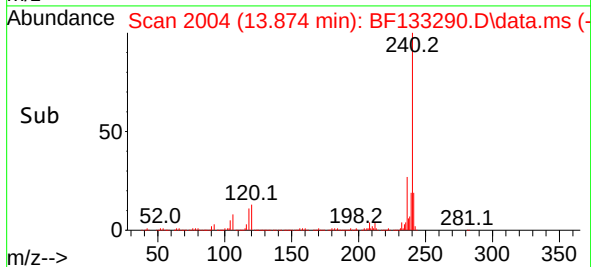
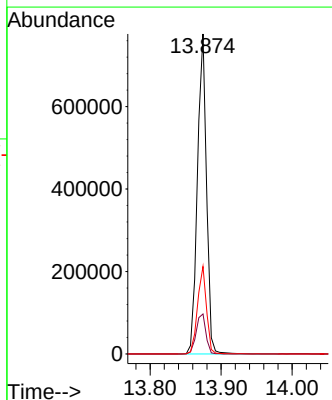
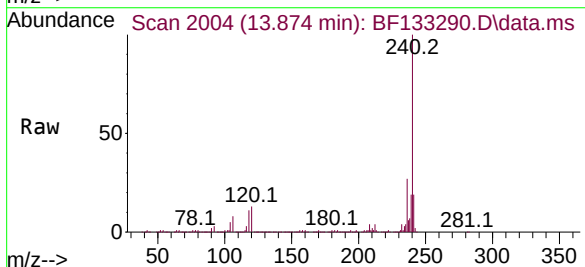
Instrument :
BNA_F
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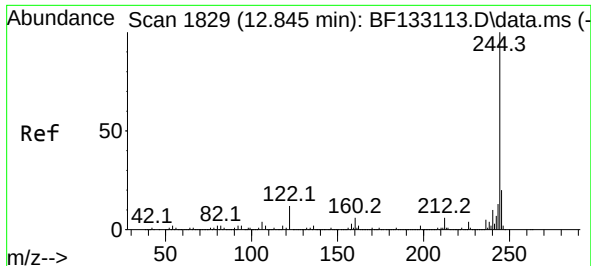
Tgt Ion:188 Resp: 1051218
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 11.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133290.D
Acq: 08 May 2023 12:38

Tgt Ion:240 Resp: 691408
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 27.3 21.5 32.3

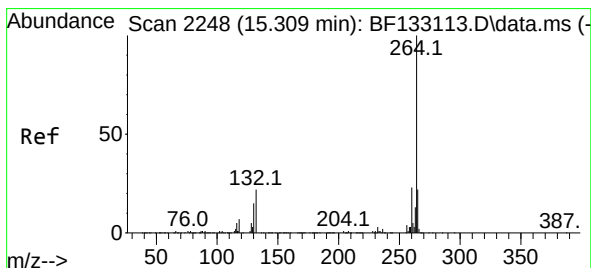
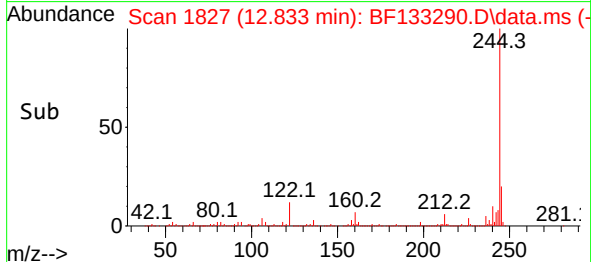
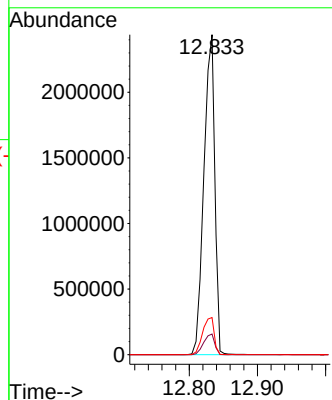
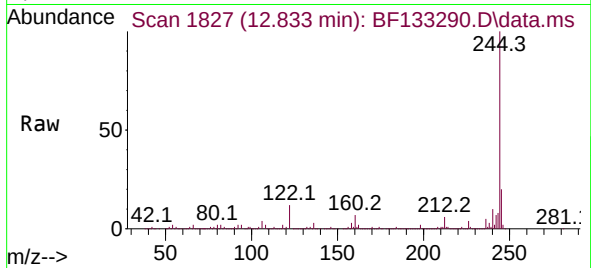




#79
 Terphenyl-d14
 Concen: 67.681 ng
 RT: 12.833 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133290.D
 Acq: 08 May 2023 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB152610BL

Tgt Ion:244 Resp: 2713297
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133290.D
 Acq: 08 May 2023 12:38

Tgt Ion:264 Resp: 548780
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.0 17.0 25.4

