

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133151.D
 Acq On : 01 May 2023 12:47
 Operator : CG\JU
 Sample : 02521-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7

Quant Time: May 02 05:17:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	186758	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	760166	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	403432	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	715597	20.000	ng	0.00
76) Chrysene-d12	13.880	240	392041	20.000	ng	-0.01
86) Perylene-d12	15.304	264	351902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	841068	68.031	ng	0.00
7) Phenol-d6	6.363	99	638262	41.594	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1257102	89.263	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	524077	129.170	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2118129	87.837	ng	0.00
79) Terphenyl-d14	12.839	244	2299748	101.171	ng	0.00

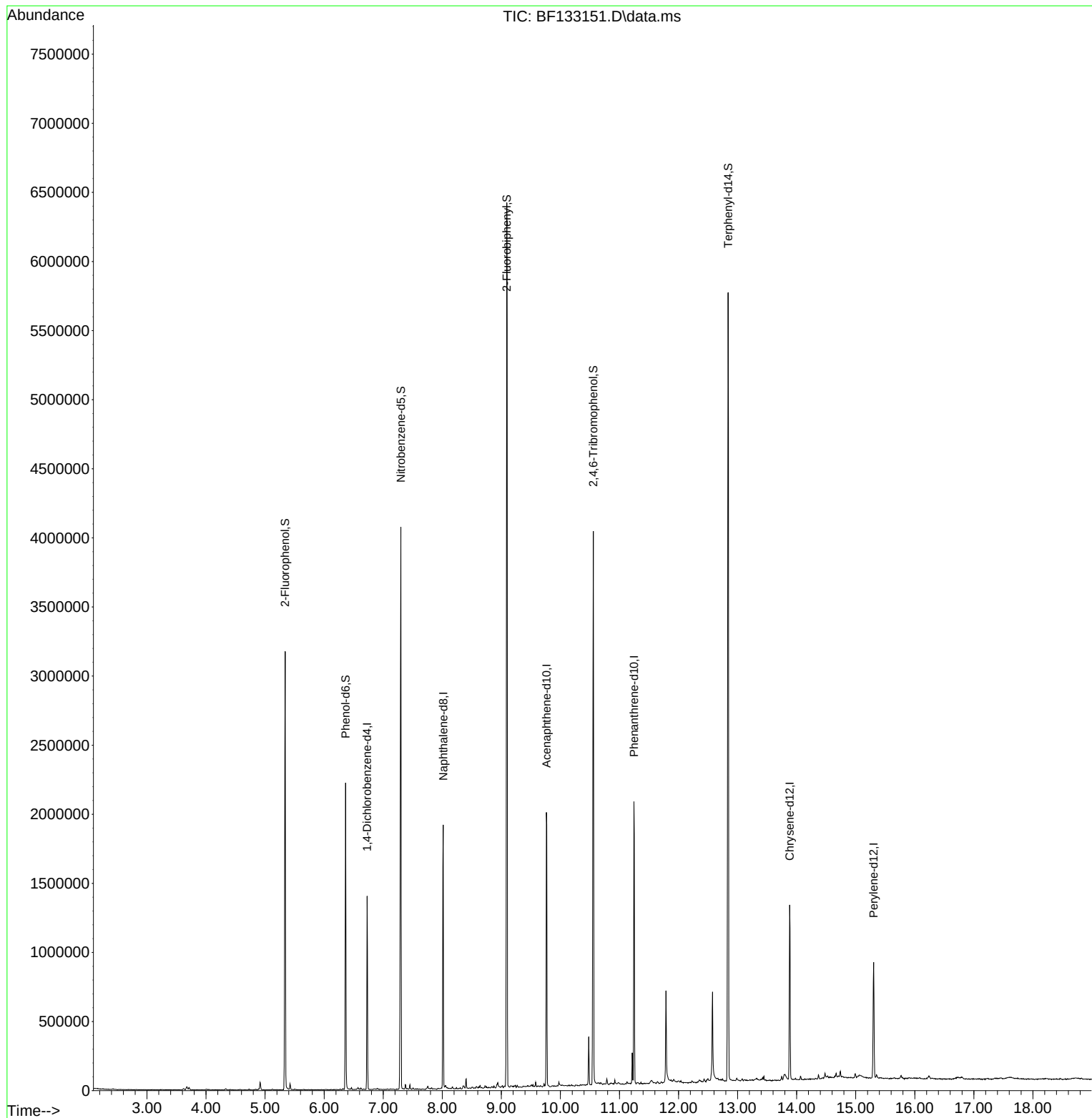
Target Compounds	Qvalue

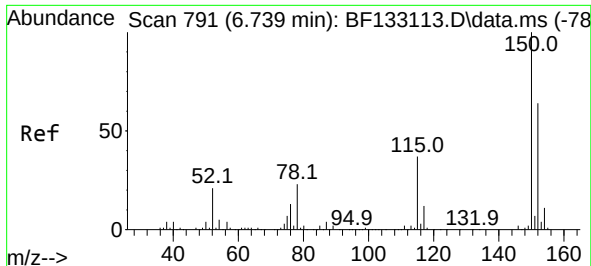
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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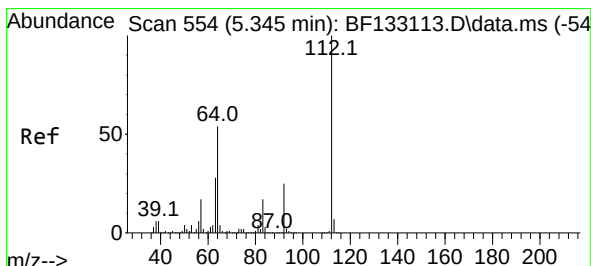
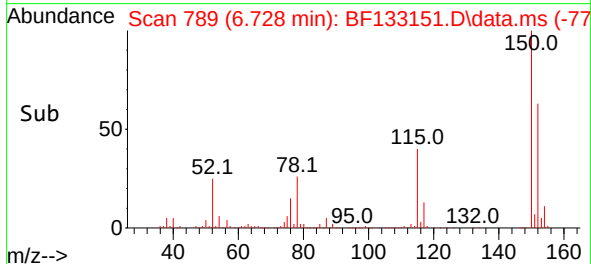
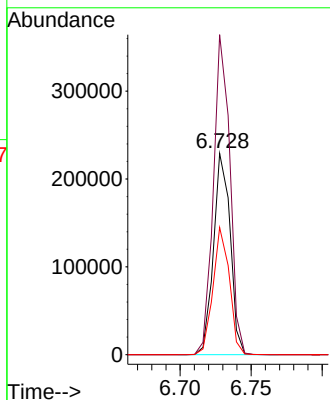
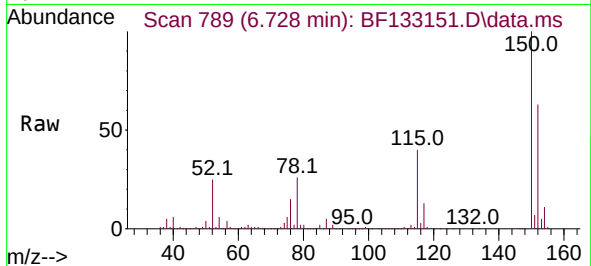




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

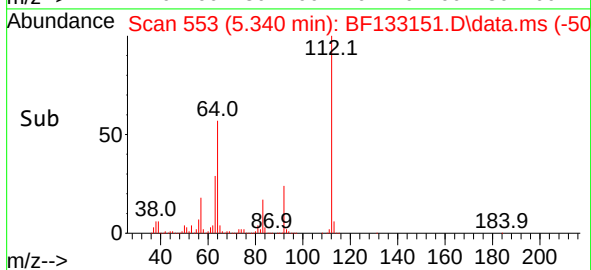
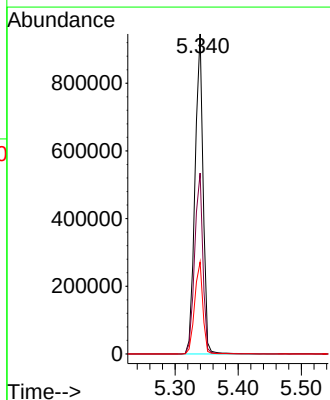
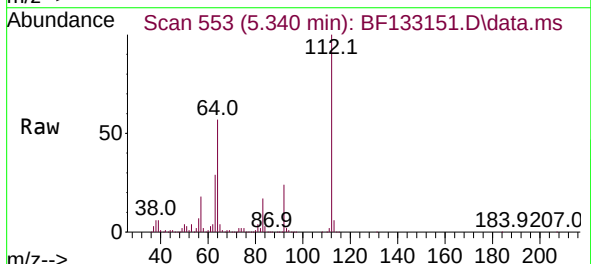
Instrument :
BNA_F
ClientSampleId :
GMW-7

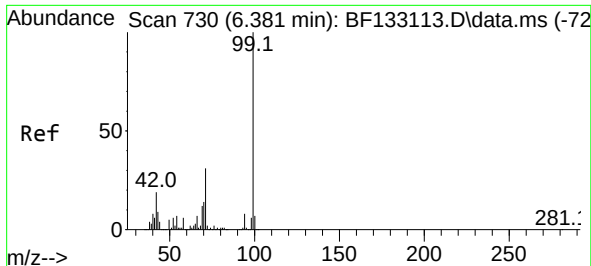
Tgt Ion:152 Resp: 186758
Ion Ratio Lower Upper
152 100
150 158.9 124.8 187.2
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 68.031 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion:112 Resp: 841068
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 28.7 23.8 35.8

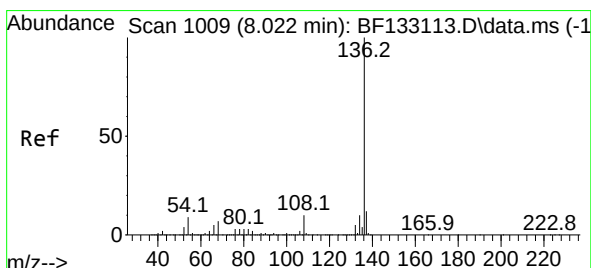
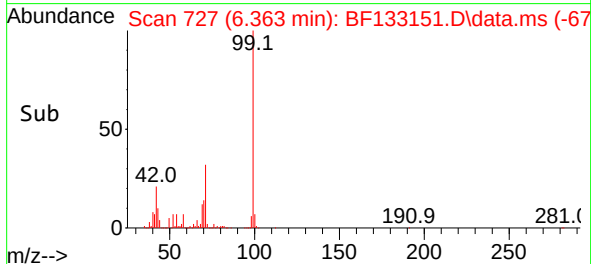
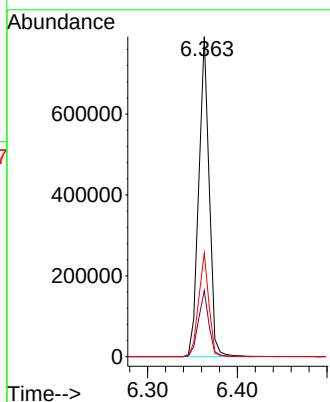
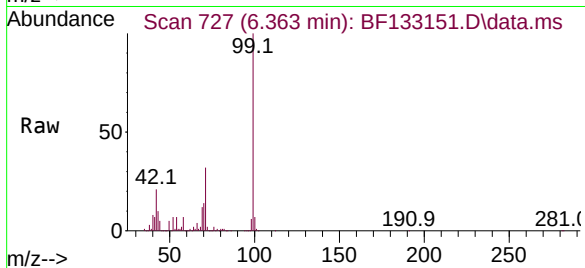




#7
Phenol-d6
Concen: 41.594 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

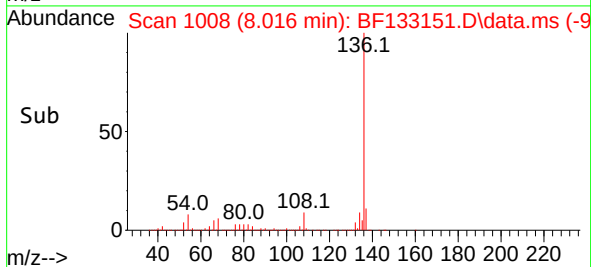
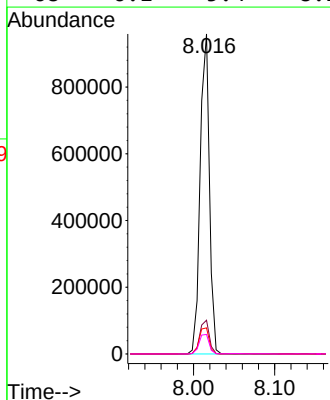
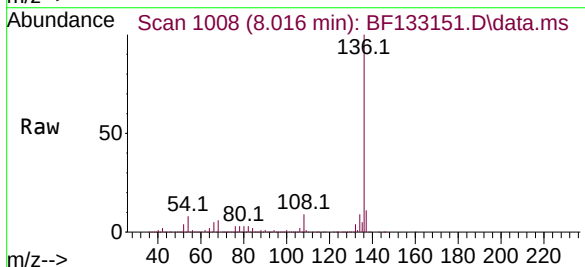
Instrument :
BNA_F
ClientSampleId :
GMW-7

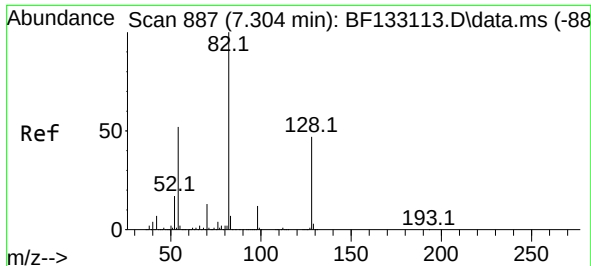
Tgt Ion: 99 Resp: 638262
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion: 136 Resp: 760166
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.1 7.0 10.4
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 89.263 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

Instrument :

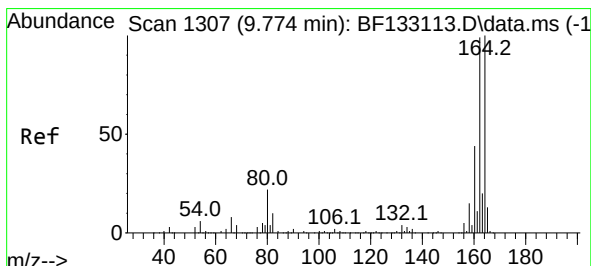
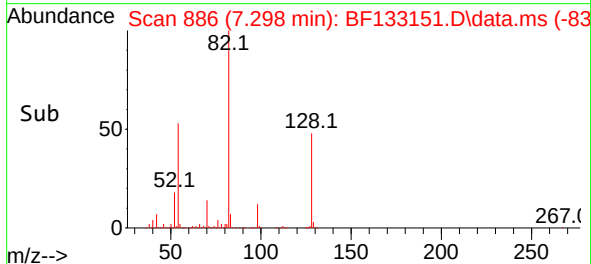
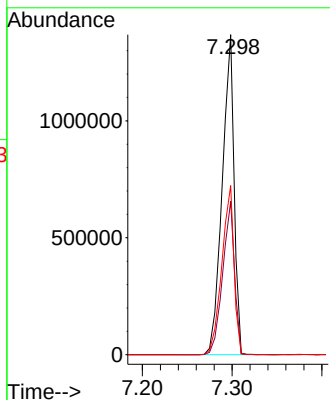
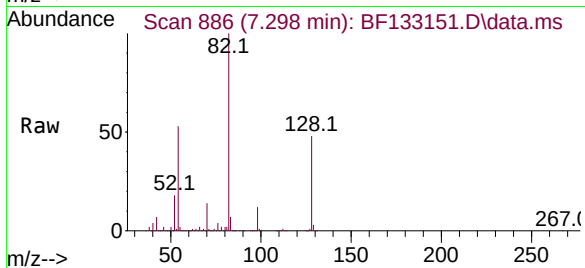
BNA_F

ClientSampleId :

GMW-7

Tgt Ion: 82 Resp: 1257102

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

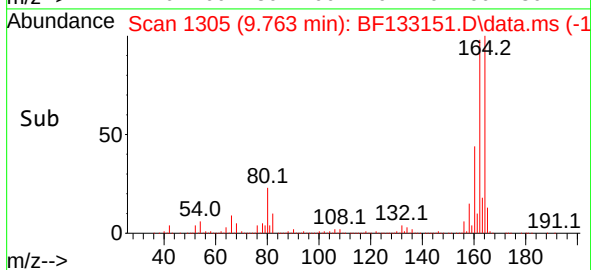
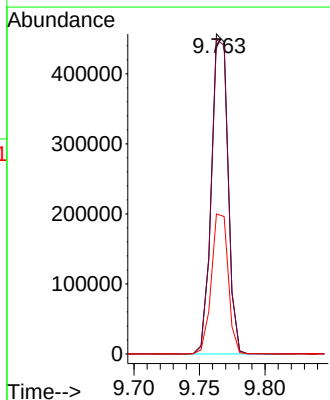
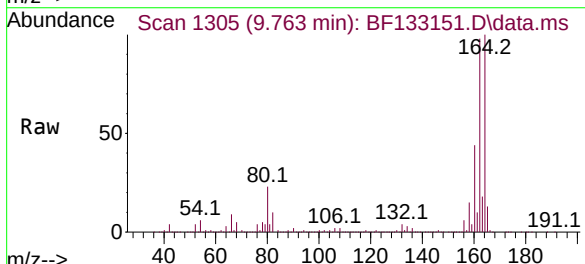
Delta R.T. -0.006 min

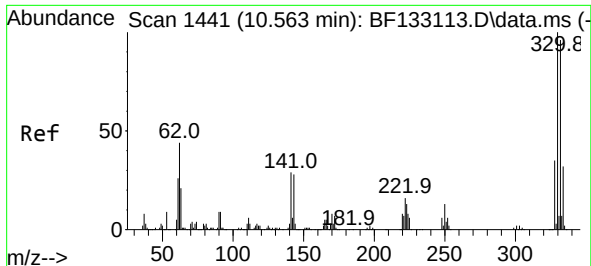
Lab File: BF133151.D

Acq: 01 May 2023 12:47

Tgt Ion: 164 Resp: 403432

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	43.8	35.8	53.6

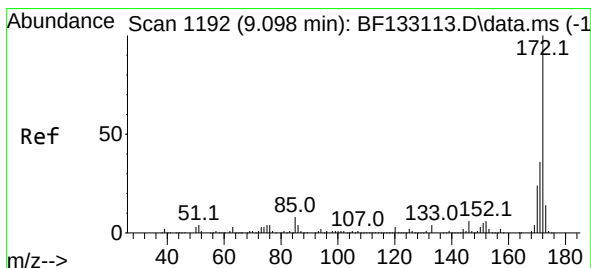
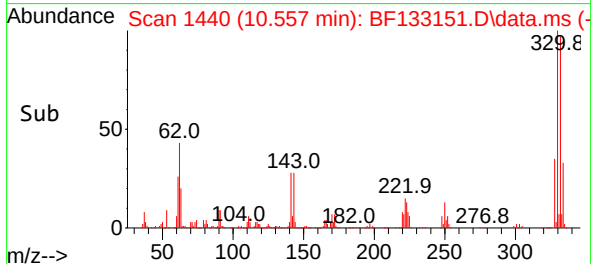
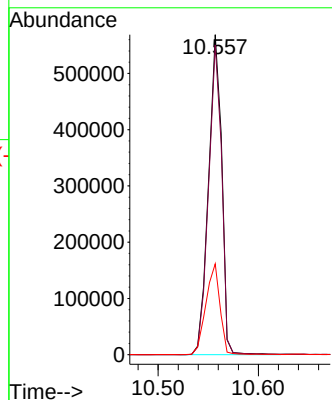
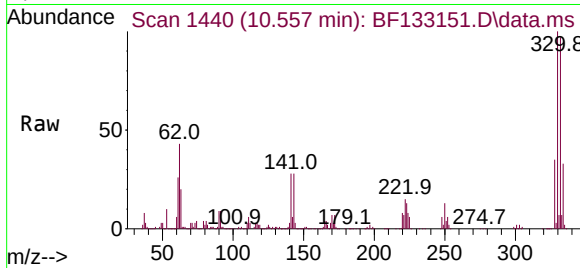




#42
2,4,6-Tribromophenol
Concen: 129.170 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

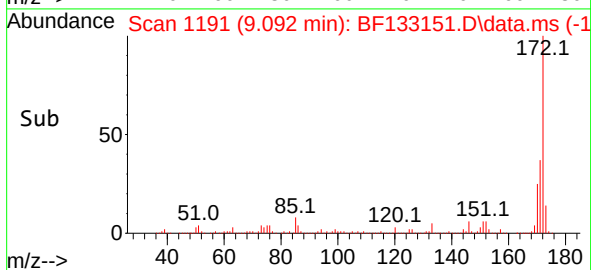
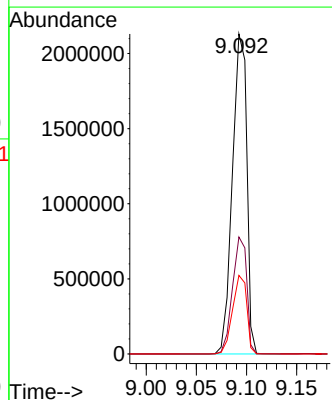
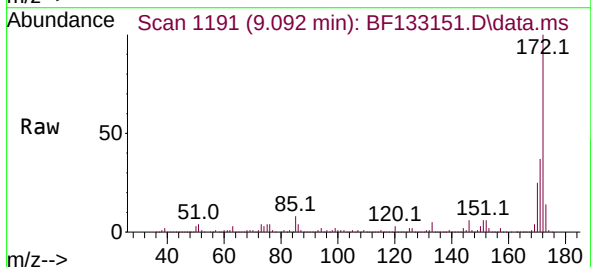
Instrument :
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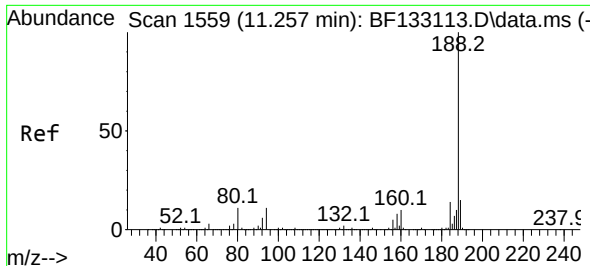
Tgt Ion:330 Resp: 524077
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.837 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion:172 Resp: 2118129
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.5 19.4 29.2

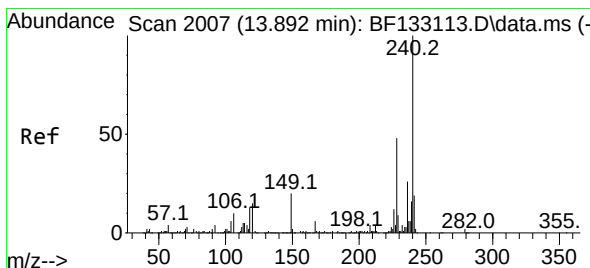
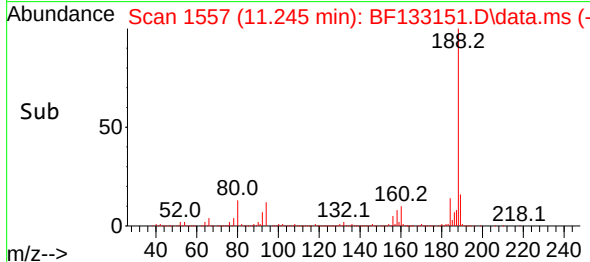
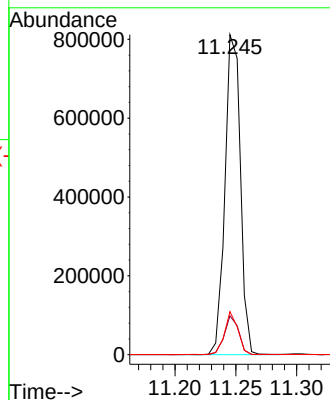
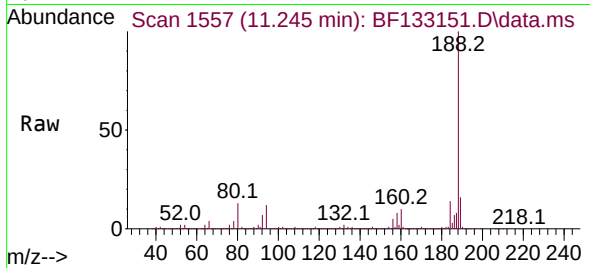




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

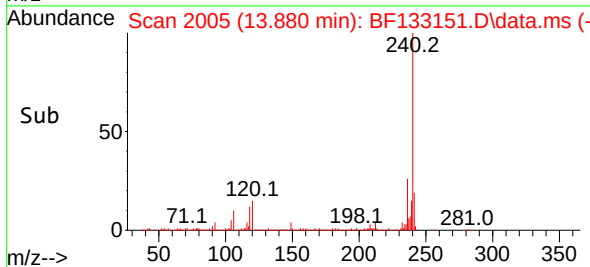
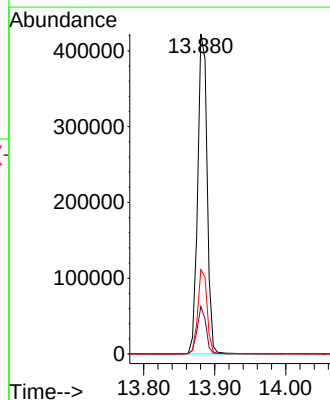
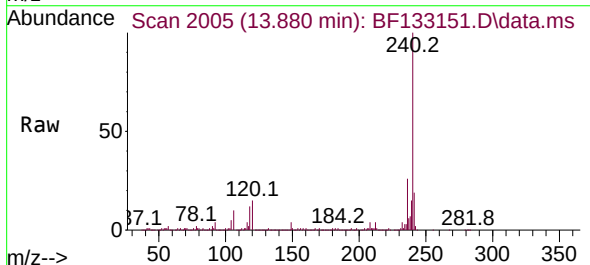
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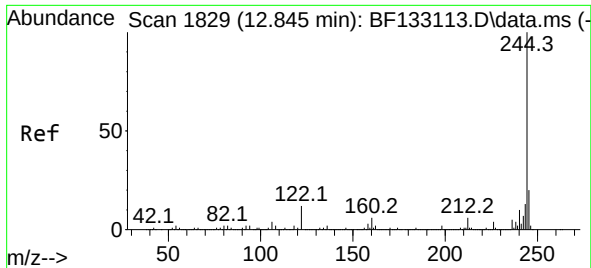
Tgt Ion:188 Resp: 715597
Ion Ratio Lower Upper
188 100
94 12.2 9.7 14.5
80 13.5 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion:240 Resp: 392041
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 26.3 21.5 32.3

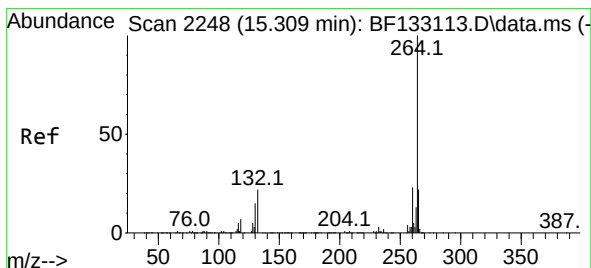
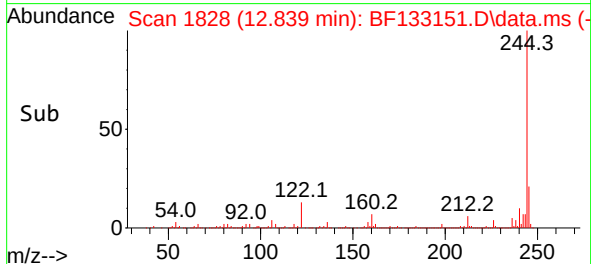
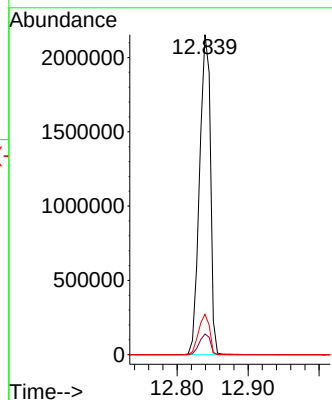
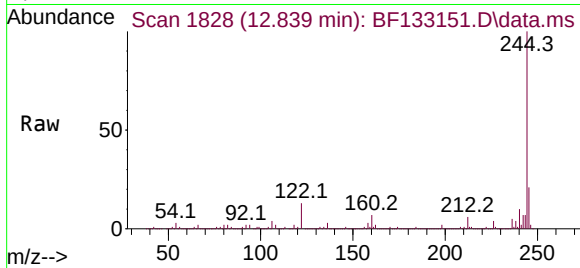




#79
 Terphenyl-d14
 Concen: 101.171 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133151.D
 Acq: 01 May 2023 12:47

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7

Tgt Ion:244 Resp: 2299748
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133151.D
 Acq: 01 May 2023 12:47

Tgt Ion:264 Resp: 351902
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.4 17.0 25.4

