

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133929.D
 Acq On : 23 Jun 2023 06:18
 Operator : CG\JU
 Sample : 03320-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Quant Time: Jun 23 06:38:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	106463	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	387417	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	175560	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	290596	20.000	ng	0.00
76) Chrysene-d12	14.051	240	210836	20.000	ng	0.00
86) Perylene-d12	15.557	264	155880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	608502	99.503	ng	0.00
7) Phenol-d6	6.498	99	740977	93.085	ng	0.00
23) Nitrobenzene-d5	7.422	82	504069	70.867	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	185190	83.333	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	894549	72.432	ng	0.00
79) Terphenyl-d14	12.986	244	815952	59.883	ng	0.00

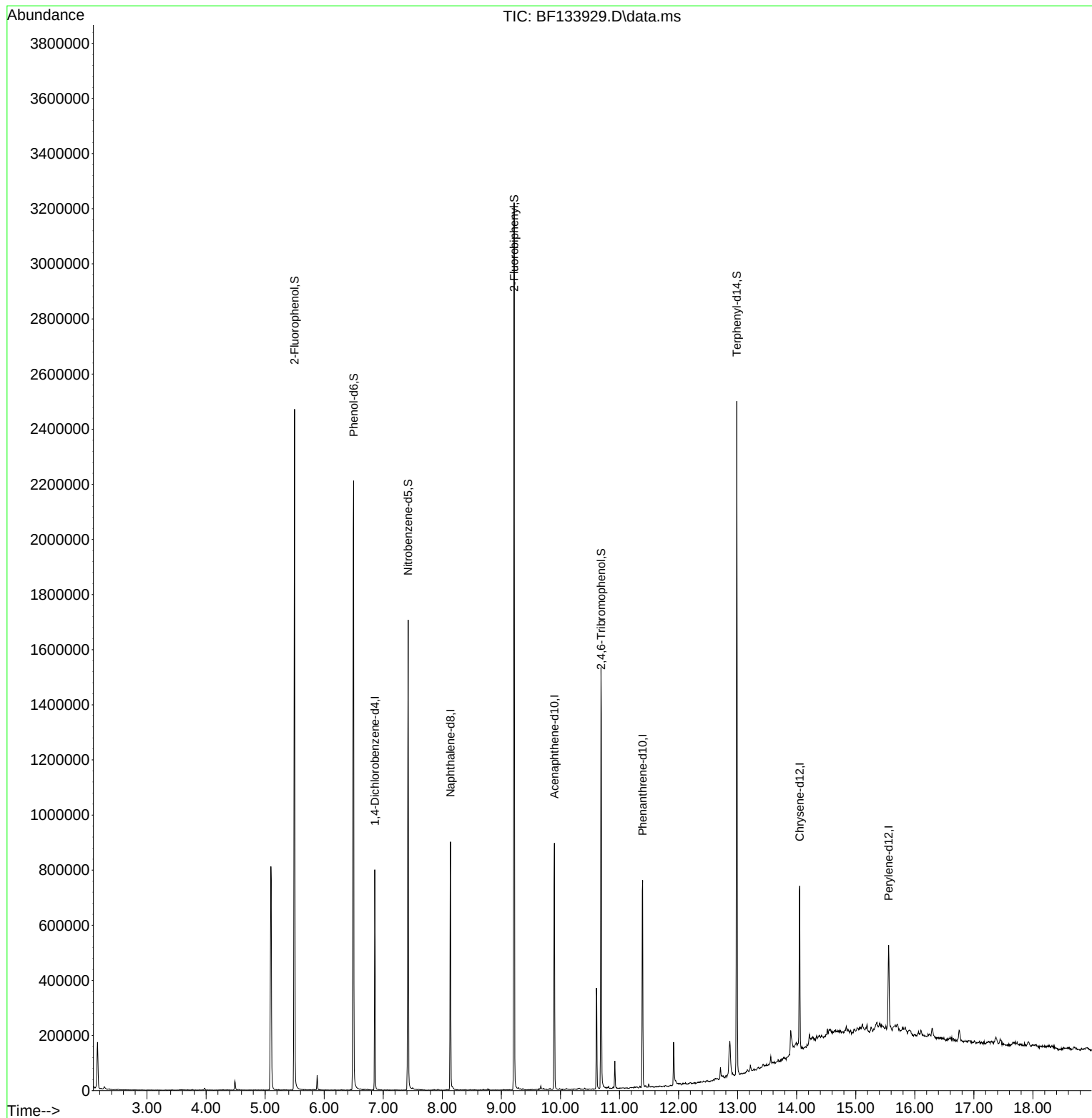
Target Compounds	Qvalue

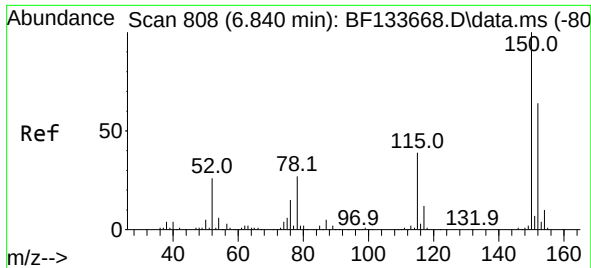
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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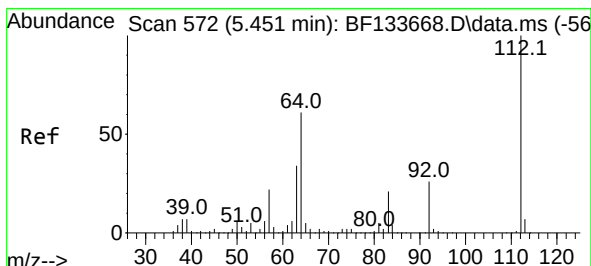
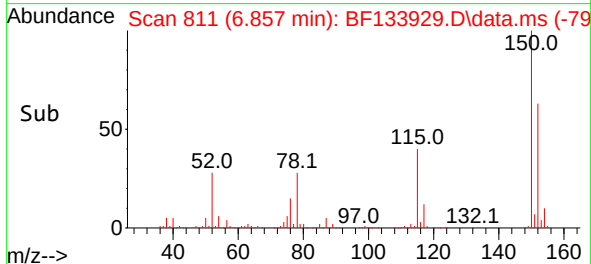
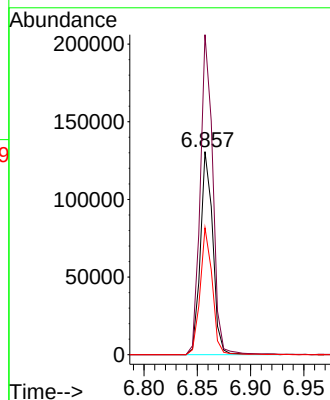
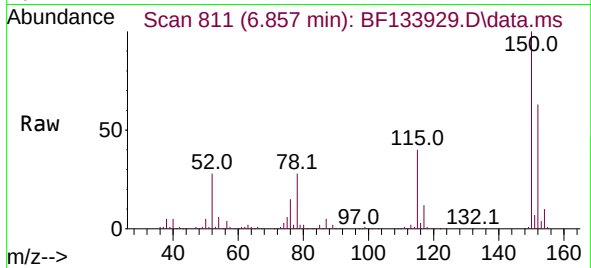




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

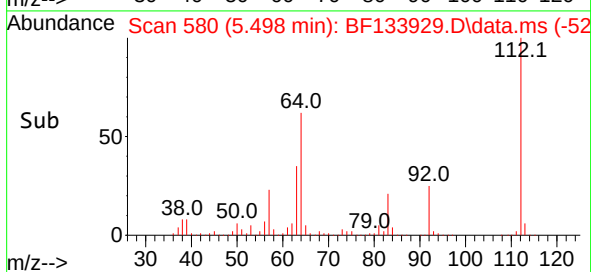
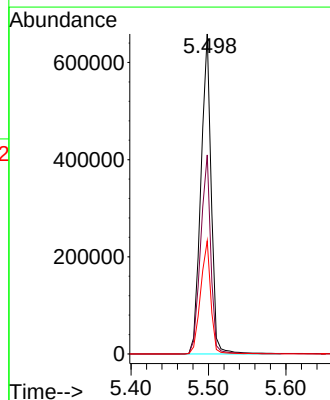
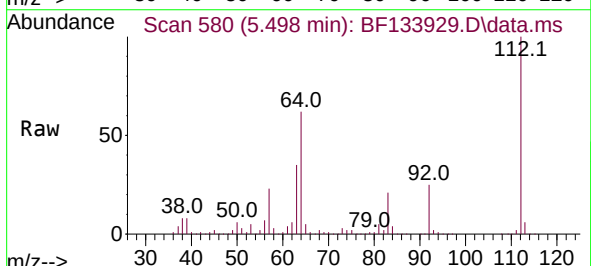
Instrument :
BNA_F
ClientSampleId :
WC-10

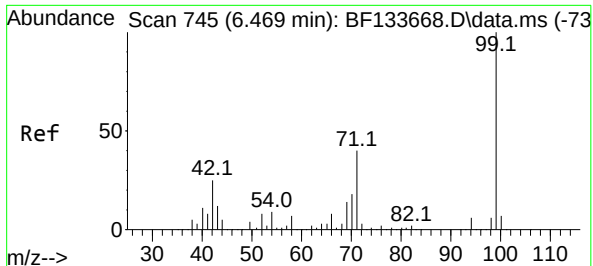
Tgt Ion:152 Resp: 106463
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 99.503 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:112 Resp: 608502
Ion Ratio Lower Upper
112 100
64 62.2 49.0 73.4
63 35.3 26.8 40.2

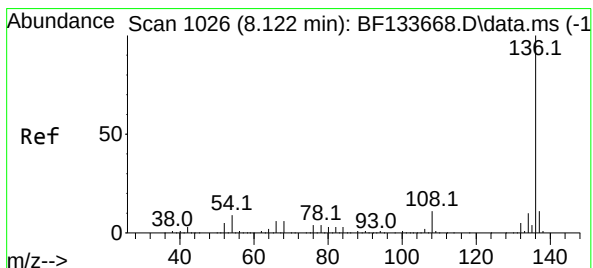
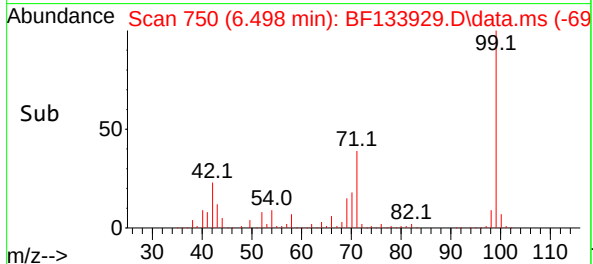
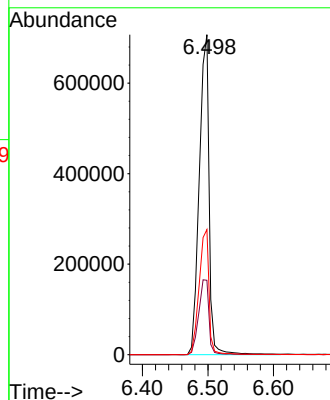
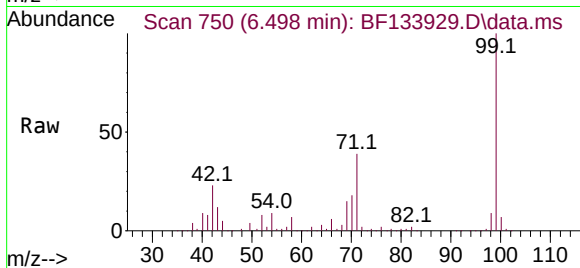




#7
Phenol-d6
Concen: 93.085 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

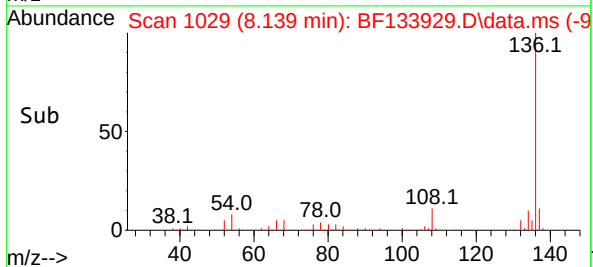
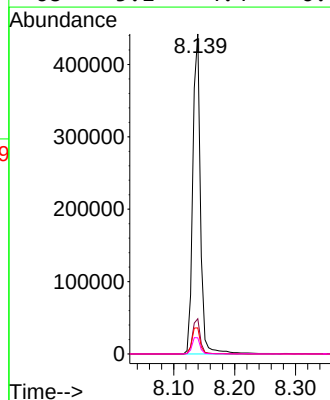
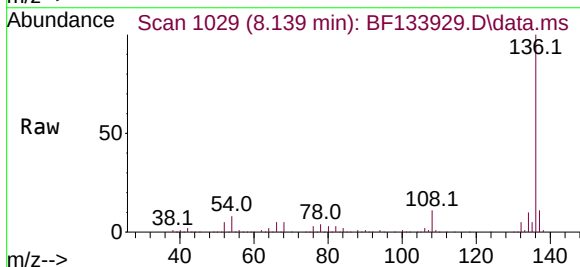
Instrument :
BNA_F
ClientSampleId :
WC-10

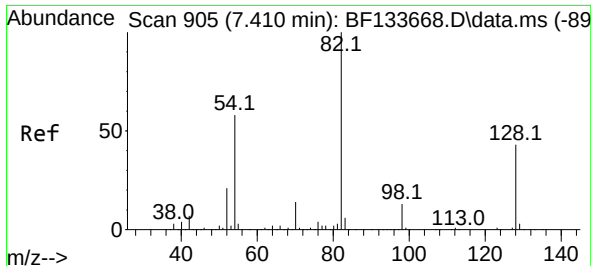
Tgt Ion: 99 Resp: 740977
Ion Ratio Lower Upper
99 100
42 23.3 19.9 29.9
71 39.1 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion: 136 Resp: 387417
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.4 11.0
68 5.1 4.4 6.6

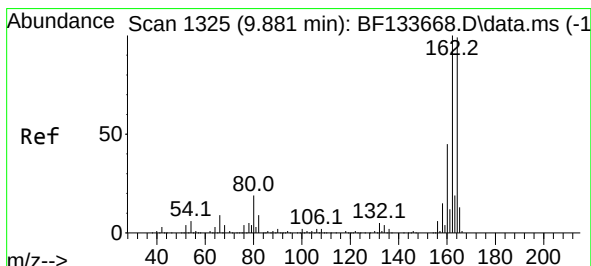
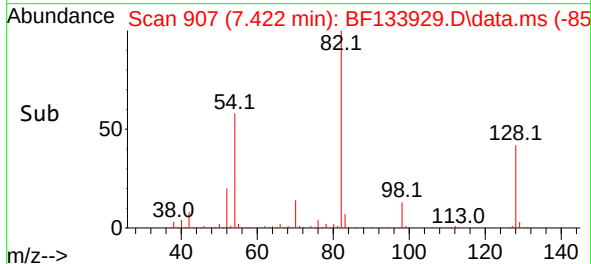
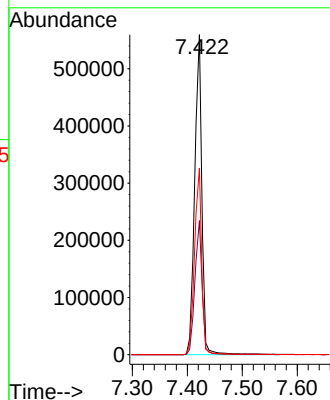
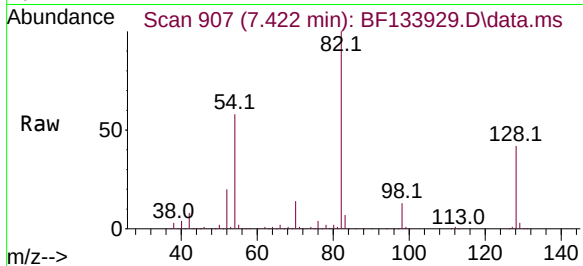




#23
Nitrobenzene-d5
Concen: 70.867 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

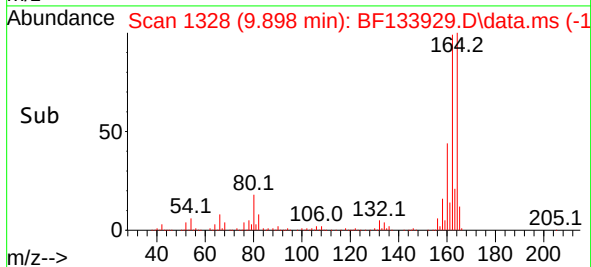
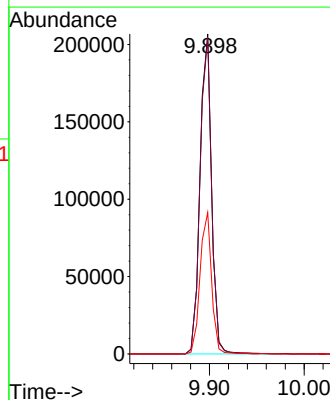
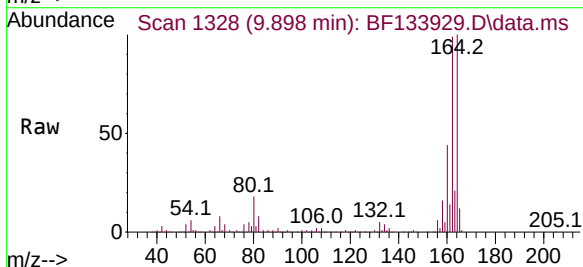
Instrument :
BNA_F
ClientSampleId :
WC-10

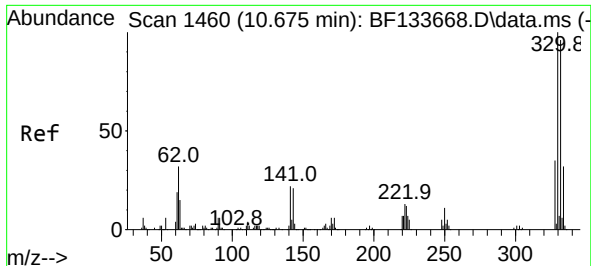
Tgt Ion: 82 Resp: 504069
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.2
54 58.4 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion: 164 Resp: 175560
Ion Ratio Lower Upper
164 100
162 98.9 80.8 121.2
160 44.2 36.7 55.1

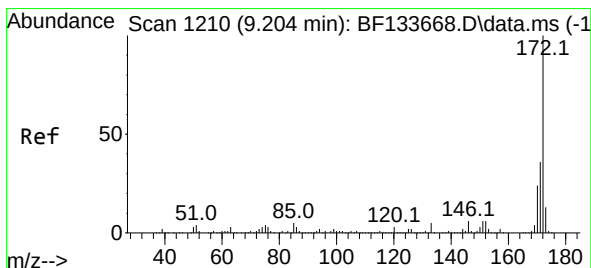
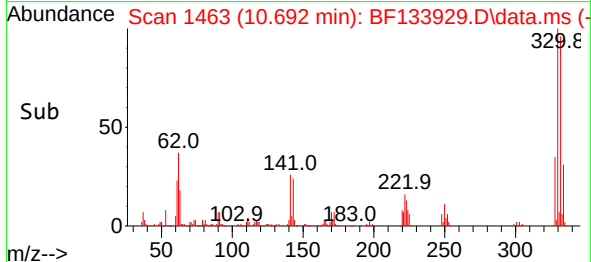
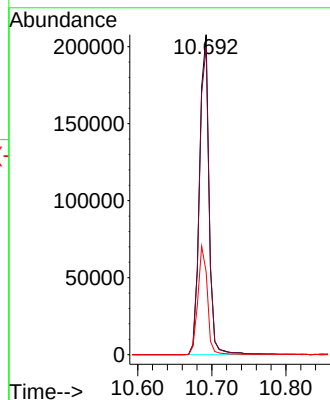
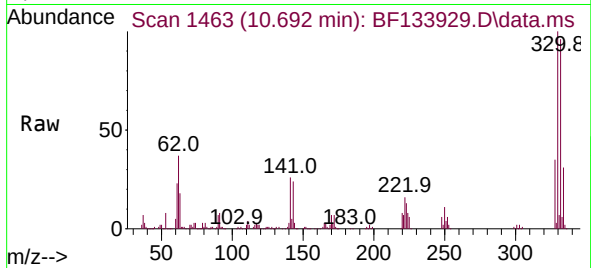




#42
2,4,6-Tribromophenol
Concen: 83.333 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

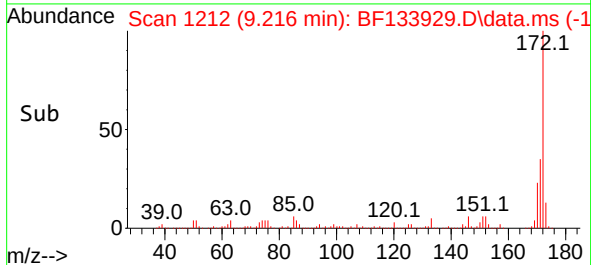
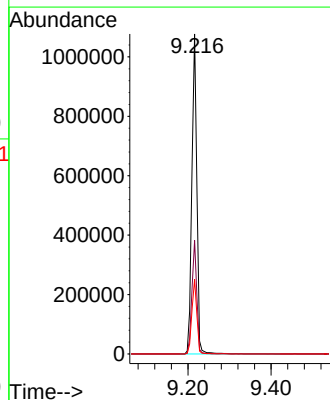
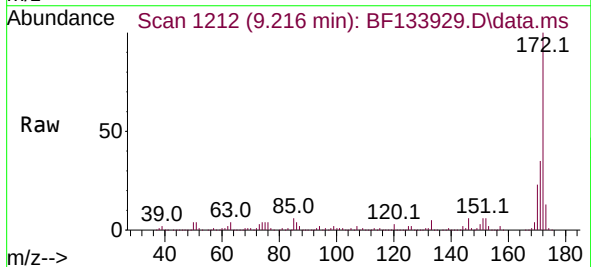
Instrument :
BNA_F
ClientSampleId :
WC-10

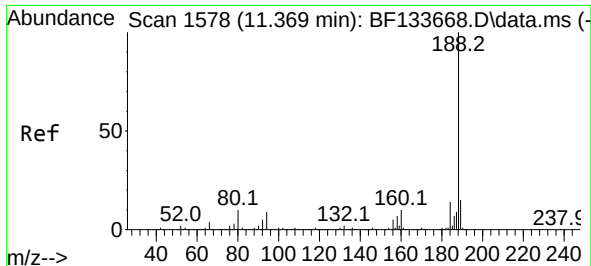
Tgt Ion:330 Resp: 185190
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 33.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 72.432 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:172 Resp: 894549
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.1 28.7

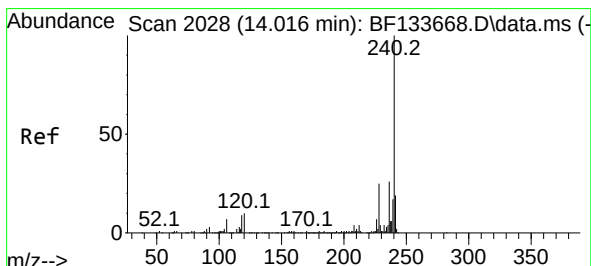
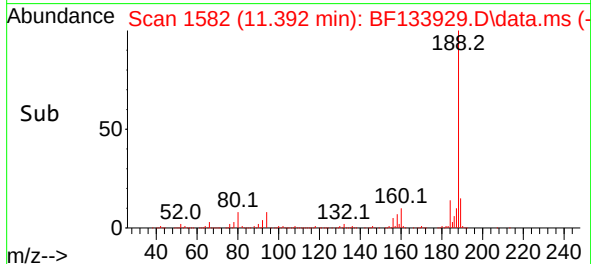
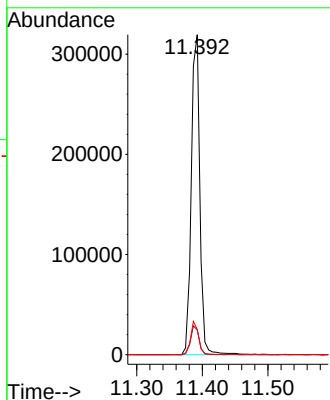
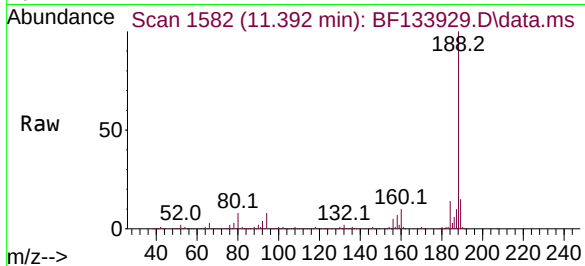




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

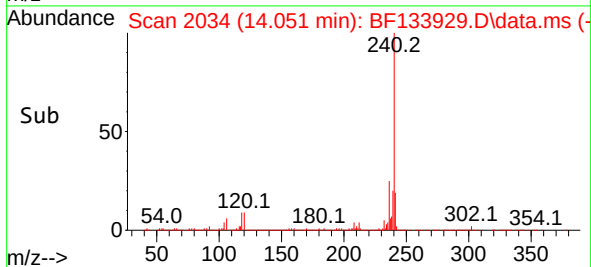
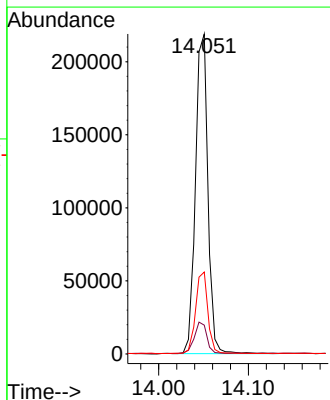
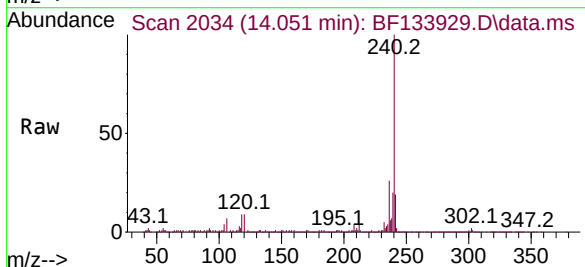
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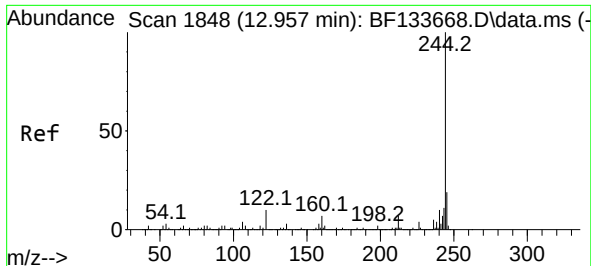
Tgt Ion:188 Resp: 290596
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133929.D
Acq: 23 Jun 2023 06:18

Tgt Ion:240 Resp: 210836
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 25.6 20.5 30.7

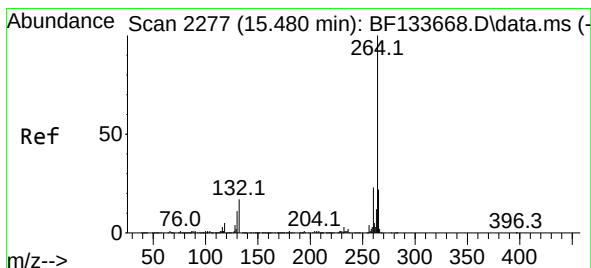
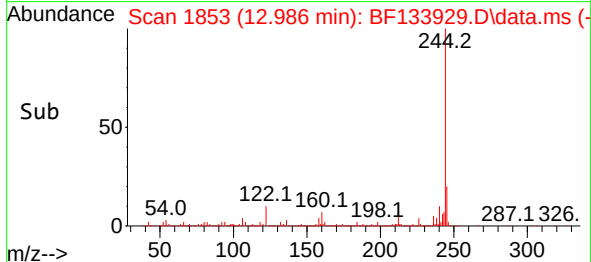
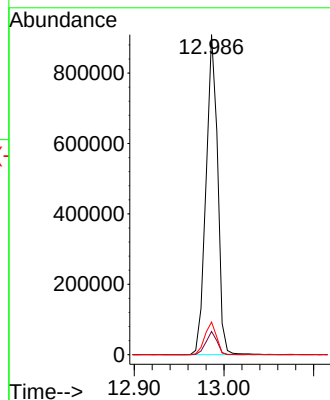
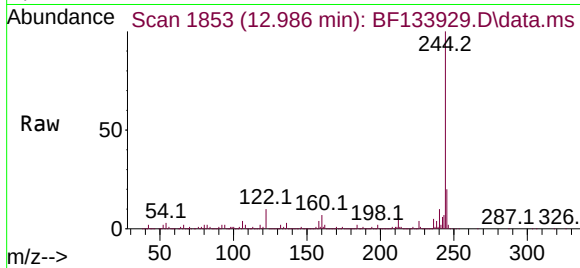




#79
 Terphenyl-d14
 Concen: 59.883 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133929.D
 Acq: 23 Jun 2023 06:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Tgt Ion:244 Resp: 815952
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133929.D
 Acq: 23 Jun 2023 06:18

Tgt Ion:264 Resp: 155880
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 21.5 17.8 26.6

