

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134188.D
 Acq On : 10 Jul 2023 16:08
 Operator : CG\JU
 Sample : 03324-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Jul 10 16:42:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	114541	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	343084	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	176910	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	271478	20.000	ng	0.00
76) Chrysene-d12	14.045	240	262032	20.000	ng	0.00
86) Perylene-d12	15.551	264	231825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	268844	39.262	ng	0.00
7) Phenol-d6	6.698	99	179313	21.294	ng	0.21
23) Nitrobenzene-d5	7.422	82	662004	104.014	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	143383	64.642	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	904190	74.309	ng	0.00
79) Terphenyl-d14	12.986	244	1032405	63.411	ng	0.00

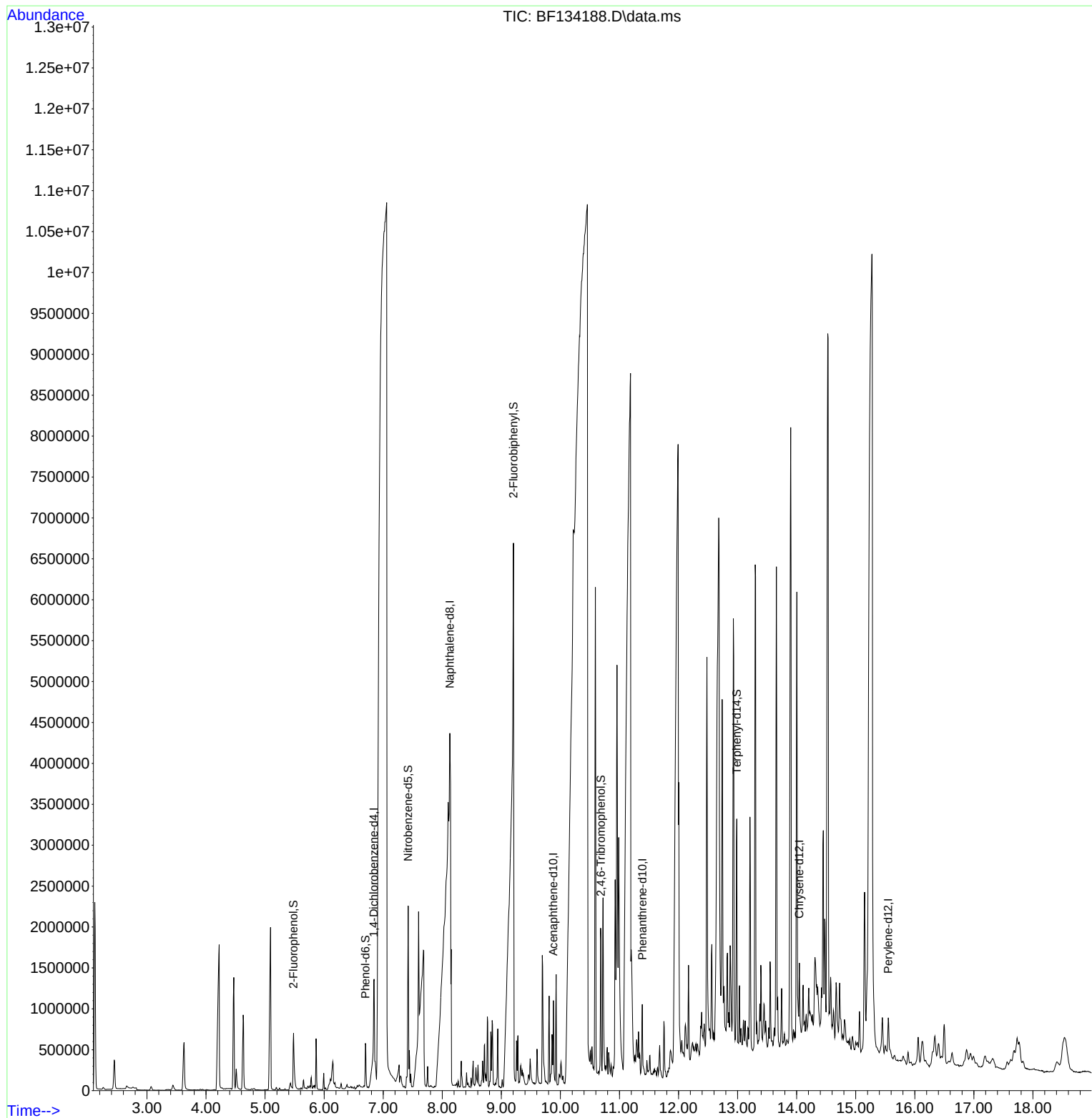
Target Compounds	Qvalue

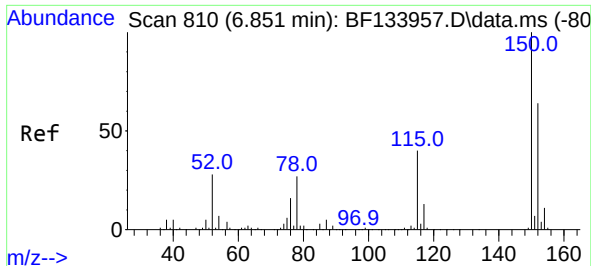
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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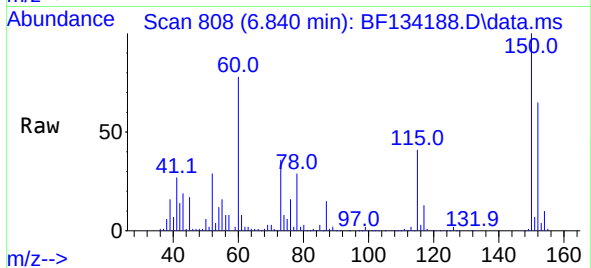
Quant Time: Jul 10 16:42:58 2023
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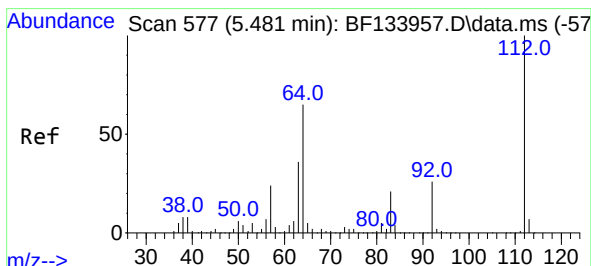
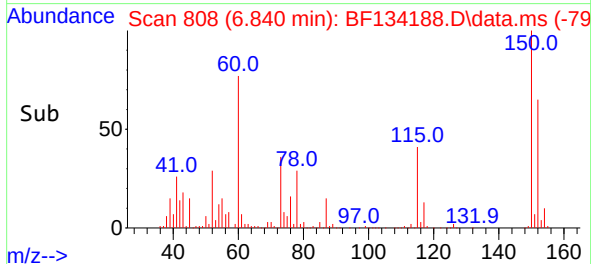
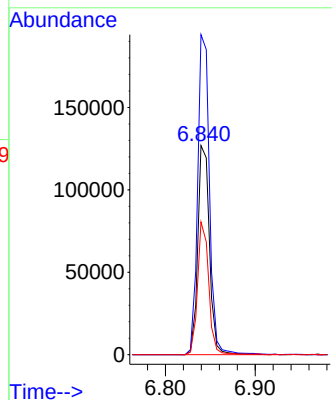


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 810
Delta R.T. -0.011 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

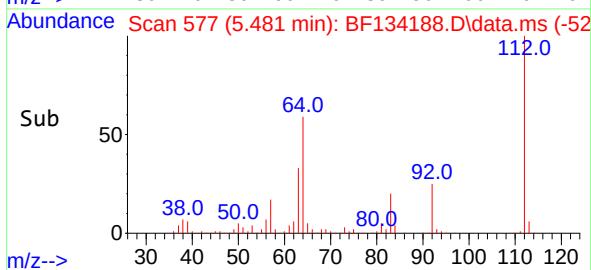
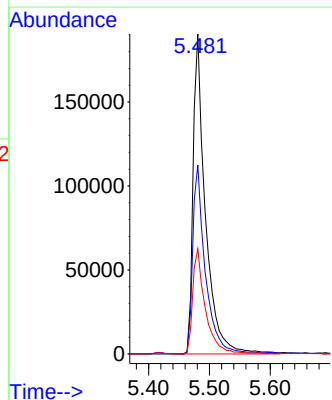
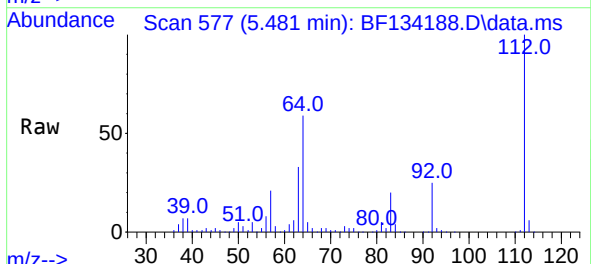


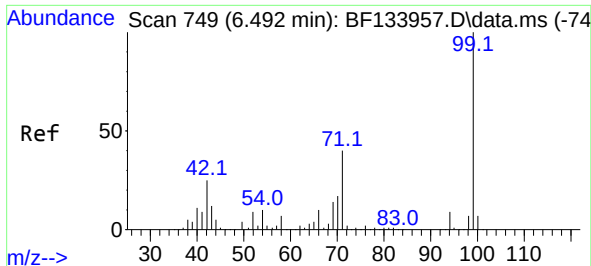
Tgt Ion:152 Resp: 114541
Ion Ratio Lower Upper
152 100
150 153.0 124.5 186.7
115 63.5 50.2 75.2



#5
2-Fluorophenol
Concen: 39.262 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion:112 Resp: 268844
Ion Ratio Lower Upper
112 100
64 59.1 52.1 78.1
63 32.8 28.6 42.8

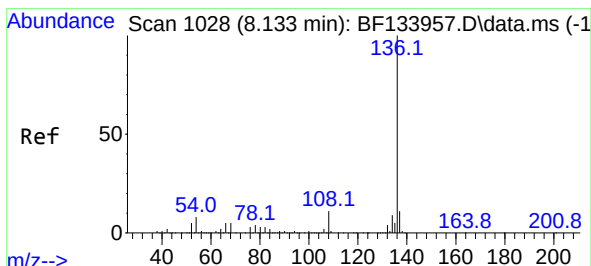
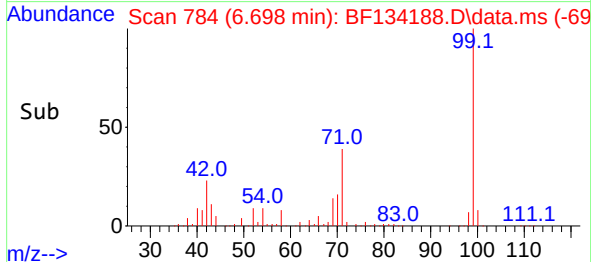
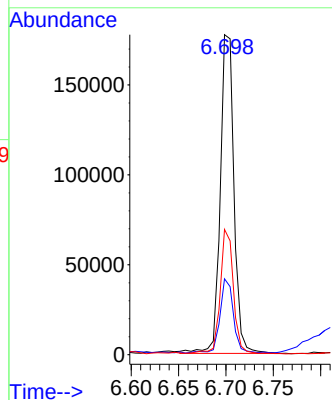
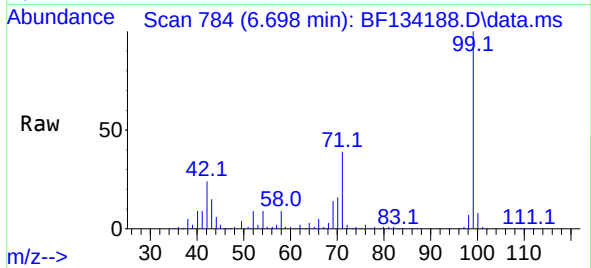




#7
Phenol-d6
Concen: 21.294 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.206 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

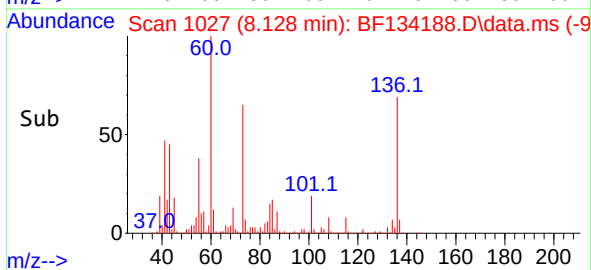
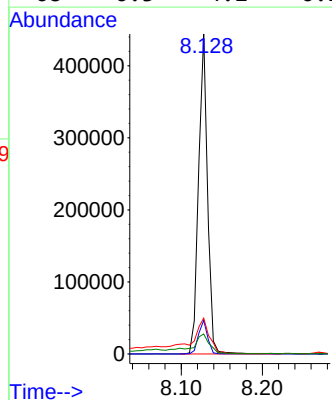
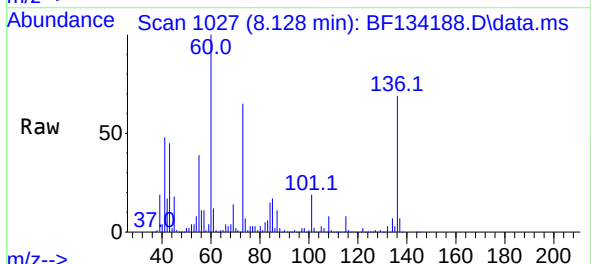
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

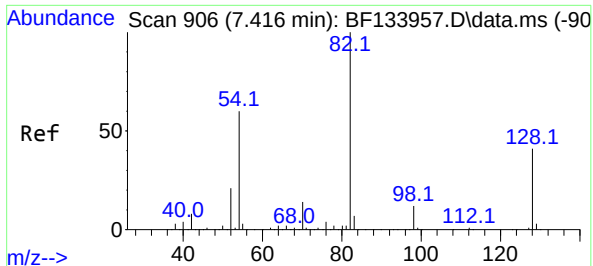
Tgt Ion: 99 Resp: 179313
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 39.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 136 Resp: 343084
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 11.2 6.5 9.7#
68 6.3 4.2 6.2#

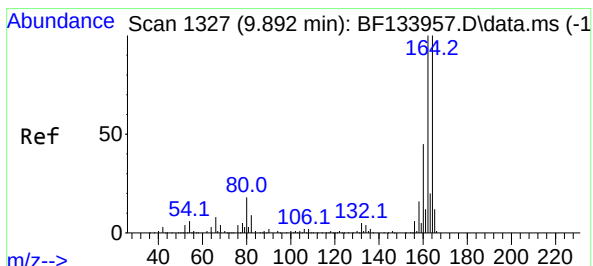
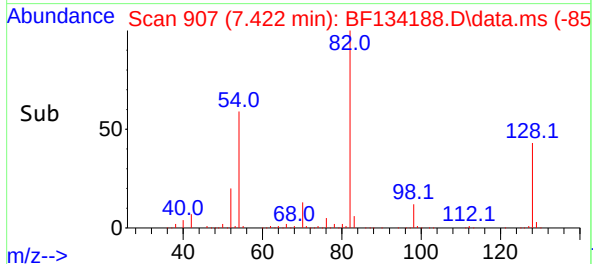
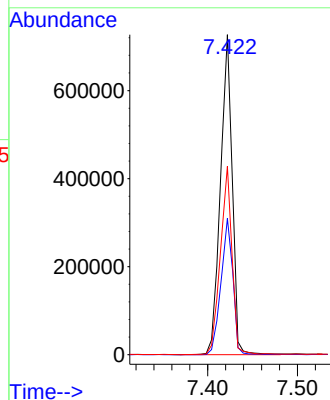
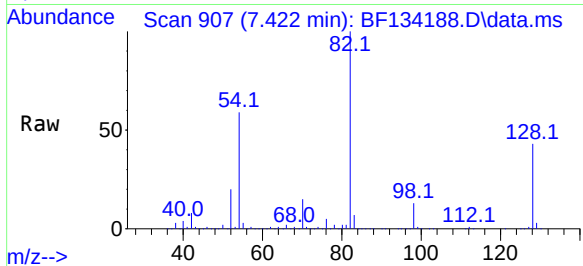




#23
Nitrobenzene-d5
Concen: 104.014 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

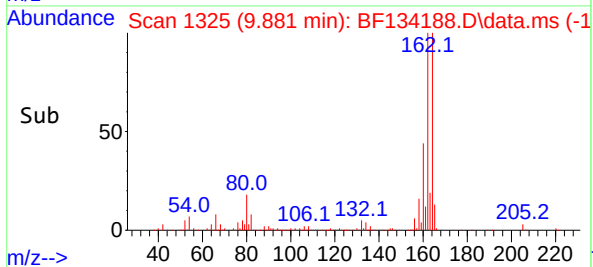
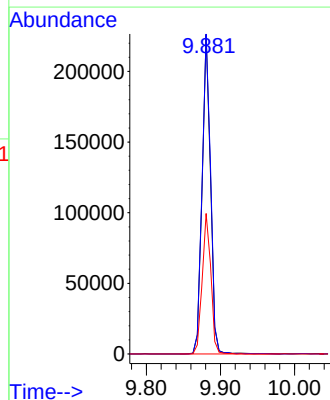
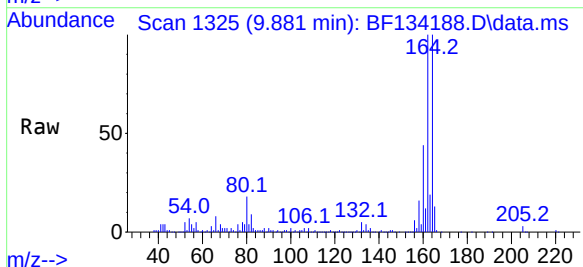
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

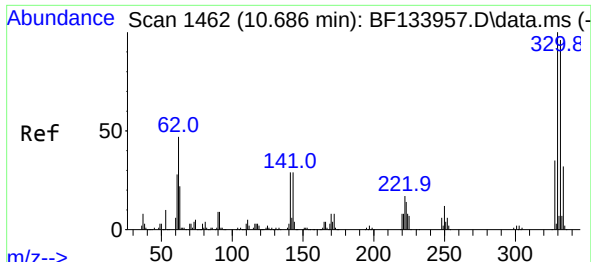
Tgt Ion: 82 Resp: 662004
Ion Ratio Lower Upper
82 100
128 42.6 32.5 48.7
54 58.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

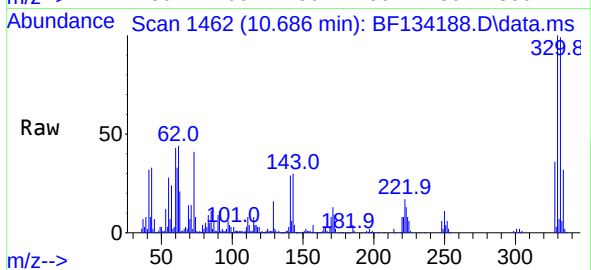
Tgt Ion:164 Resp: 176910
Ion Ratio Lower Upper
164 100
162 100.2 80.0 120.0
160 44.0 35.9 53.9



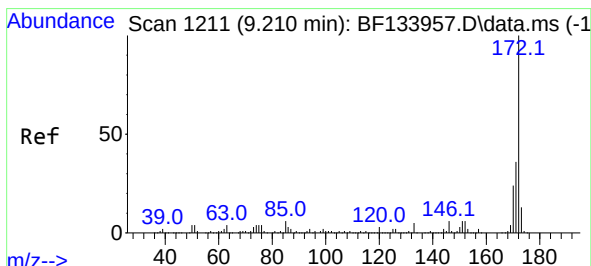
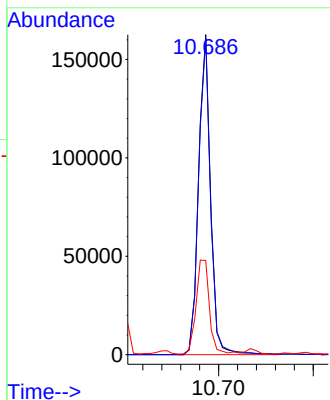
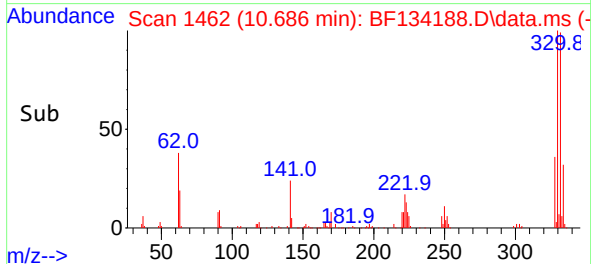


#42
2,4,6-Tribromophenol
Concen: 64.642 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

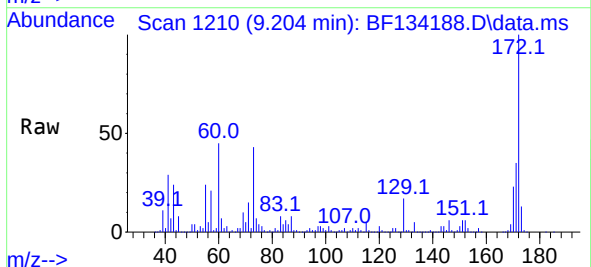
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



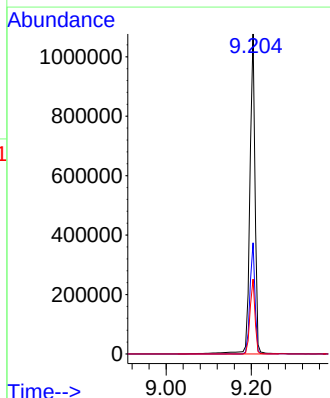
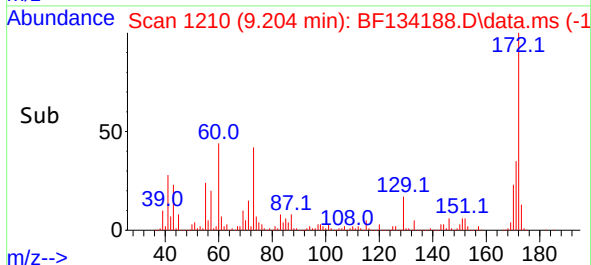
Tgt Ion:330 Resp: 143383
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 32.3 26.3 39.5

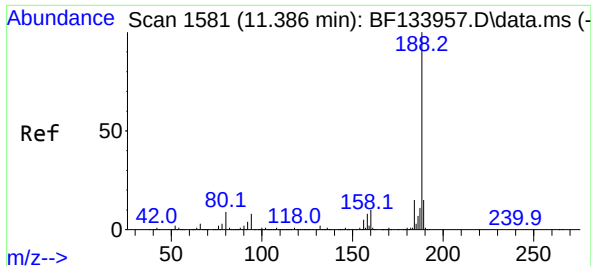


#45
2-Fluorobiphenyl
Concen: 74.309 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08



Tgt Ion:172 Resp: 904190
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.4 19.4 29.0

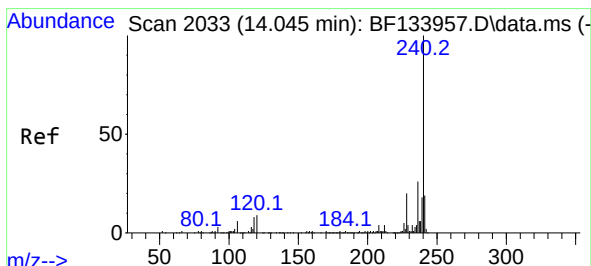
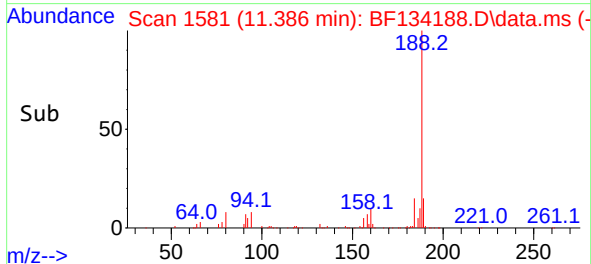
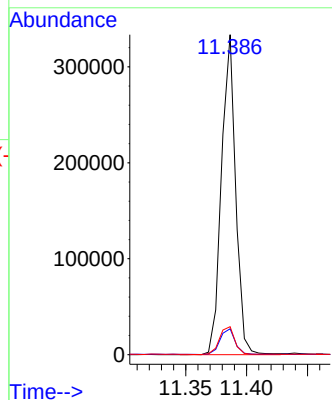
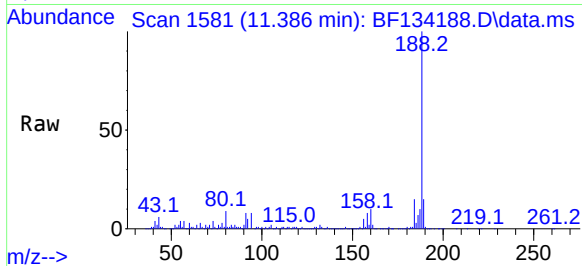




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

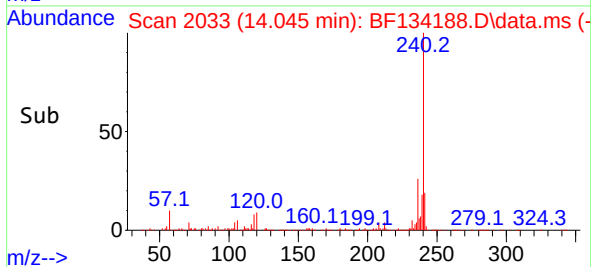
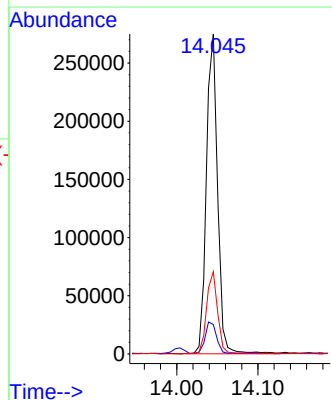
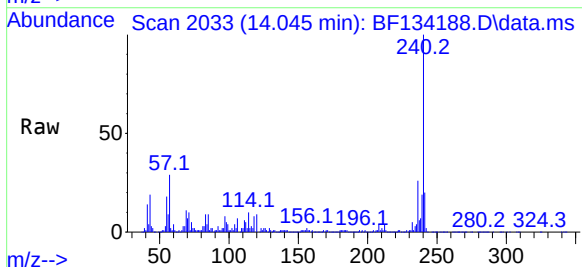
Instrument :
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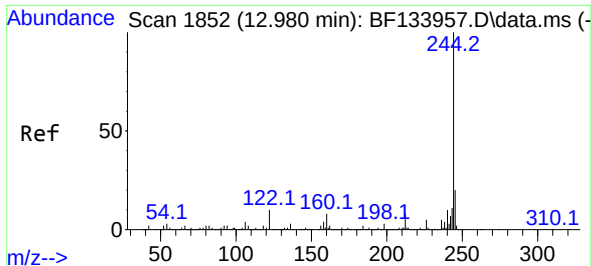
Tgt Ion:188 Resp: 271478
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion:240 Resp: 262032
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.7 21.0 31.6

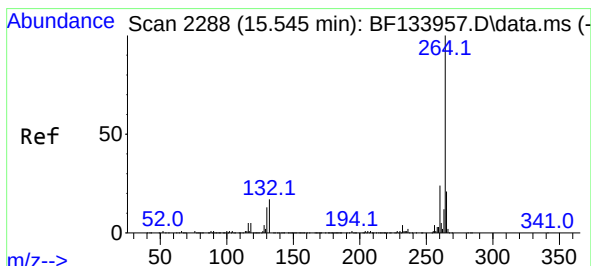
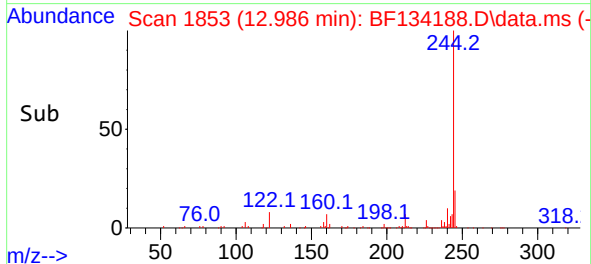
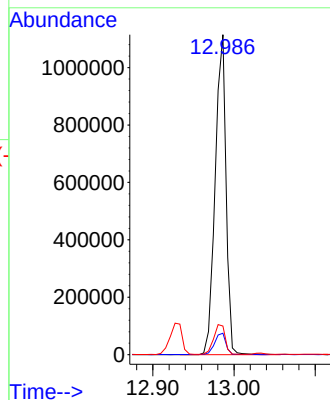
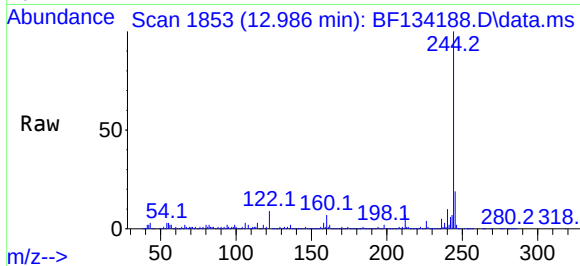




#79
 Terphenyl-d14
 Concen: 63.411 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134188.D
 Acq: 10 Jul 2023 16:08

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Tgt Ion:244 Resp: 1032405
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: BF134188.D
 Acq: 10 Jul 2023 16:08

Tgt Ion:264 Resp: 231825
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 16.6 25.0

