

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134202.D
 Acq On : 10 Jul 2023 23:48
 Operator : CG\JU
 Sample : 03401-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DT-02

Quant Time: Jul 11 02:02:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

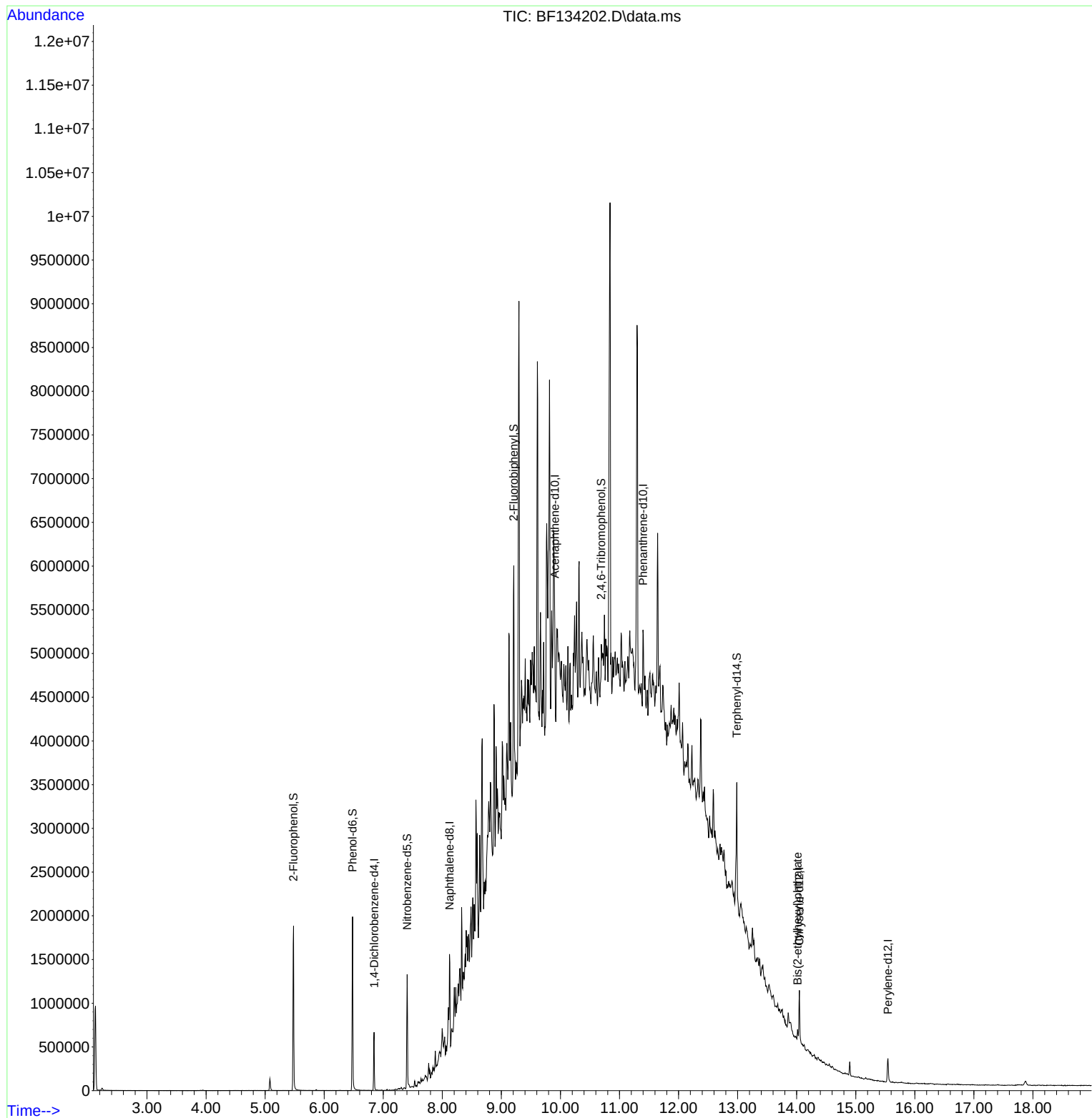
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	94283	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	313825	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	98345	20.000	ng	0.02
64) Phenanthrene-d10	11.398	188	165177	20.000	ng	# 0.02
76) Chrysene-d12	14.045	240	187717	20.000	ng	0.00
86) Perylene-d12	15.545	264	136713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	497721	88.306	ng	0.00
7) Phenol-d6	6.481	99	575205	82.983	ng	0.00
23) Nitrobenzene-d5	7.404	82	380405	65.342	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	97621	79.170	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	426681	63.079	ng	0.00
79) Terphenyl-d14	12.986	244	494694	42.413	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.015	149	33421	4.439	ng	# 90

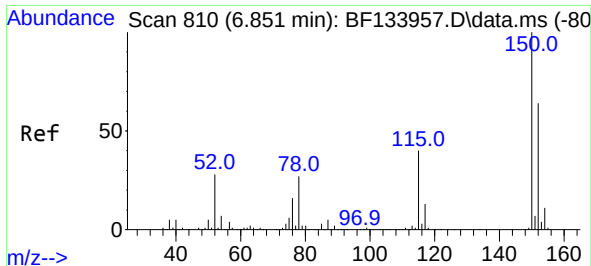
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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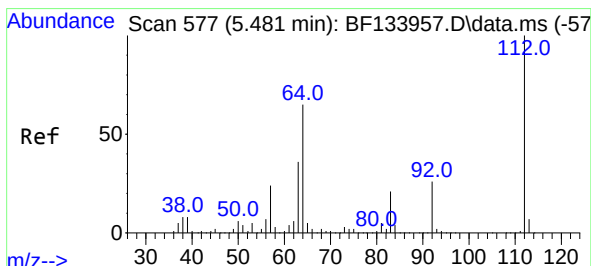
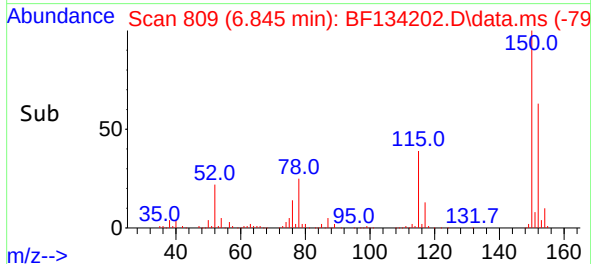
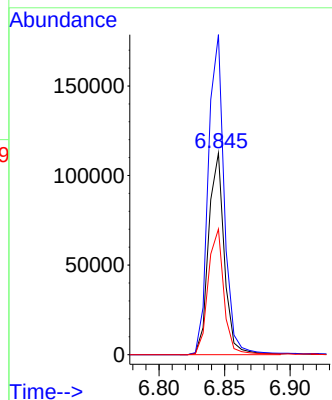
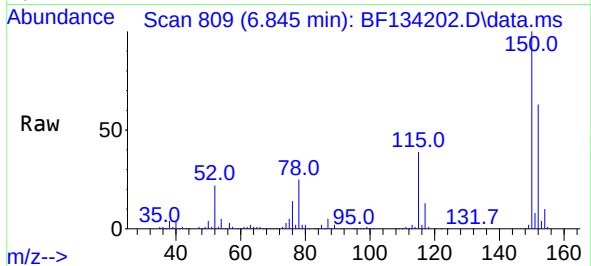




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

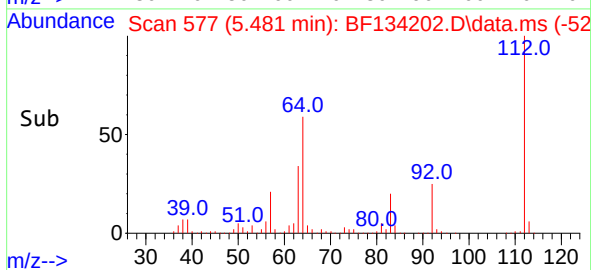
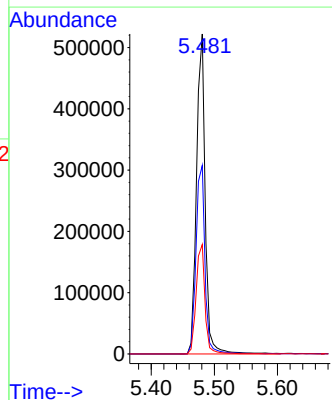
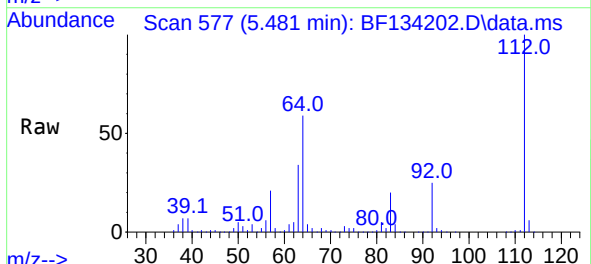
Instrument :
BNA_F
ClientSampleId :
DT-02

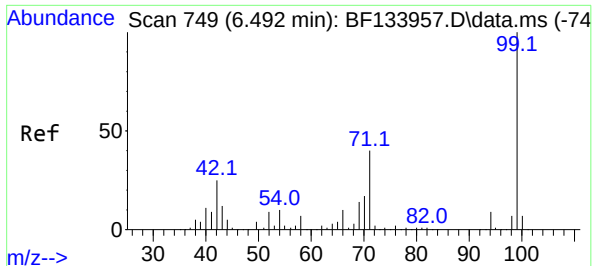
Tgt Ion:152 Resp: 94283
Ion Ratio Lower Upper
152 100
150 158.7 124.5 186.7
115 62.3 50.2 75.2



#5
2-Fluorophenol
Concen: 88.306 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

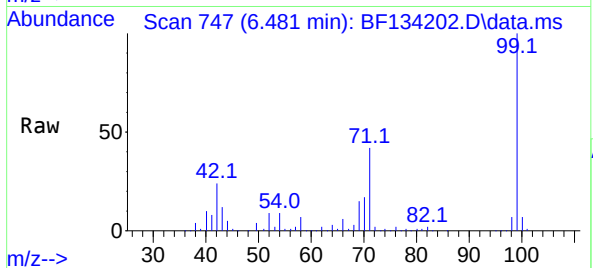
Tgt Ion:112 Resp: 497721
Ion Ratio Lower Upper
112 100
64 58.9 52.1 78.1
63 34.2 28.6 42.8



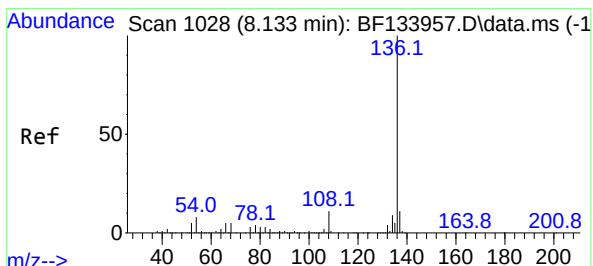
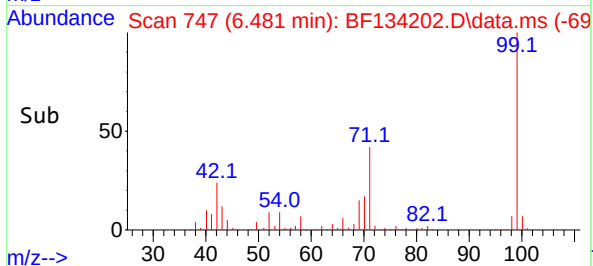
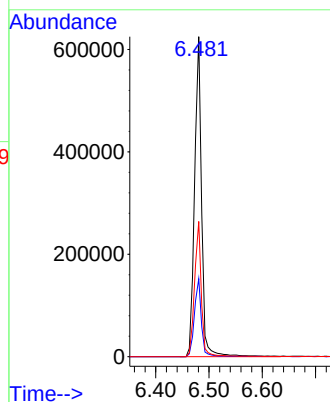


#7
Phenol-d6
Concen: 82.983 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

Instrument :
BNA_F
ClientSampleId :
DT-02

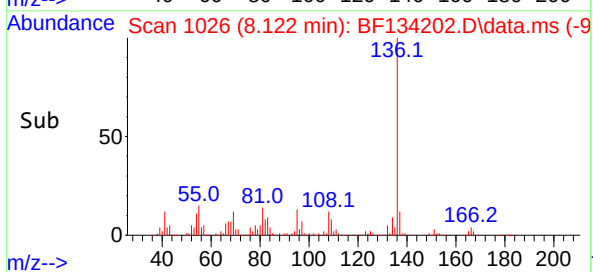
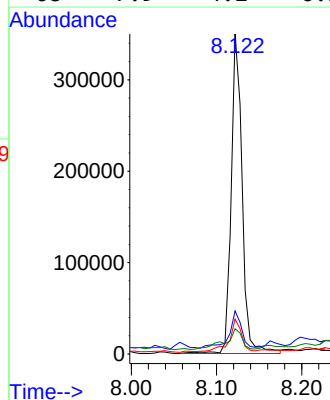
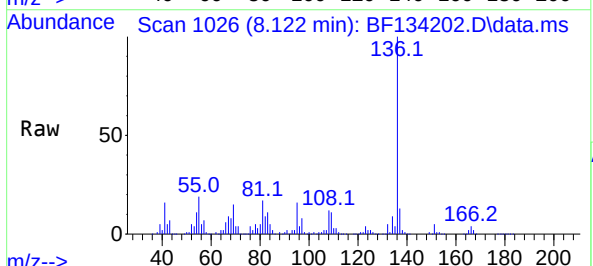


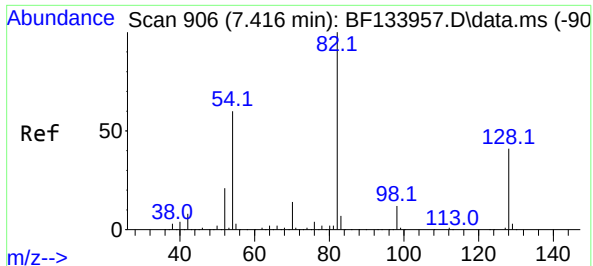
Tgt Ion: 99 Resp: 575205
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 42.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

Tgt Ion: 136 Resp: 313825
Ion Ratio Lower Upper
136 100
137 13.5 8.6 12.8#
54 10.9 6.5 9.7#
68 7.9 4.2 6.2#

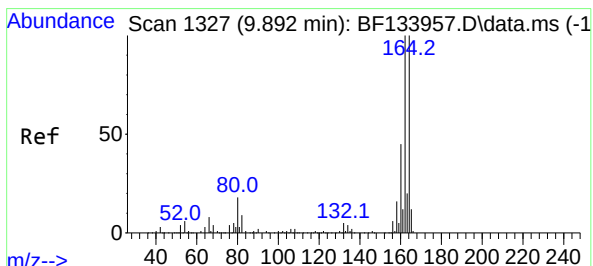
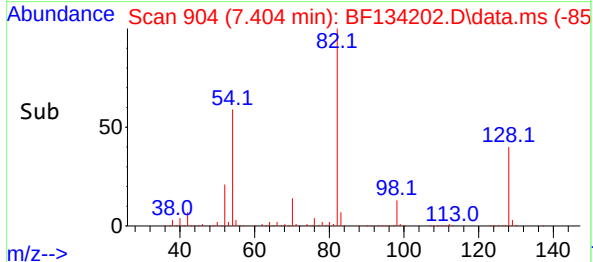
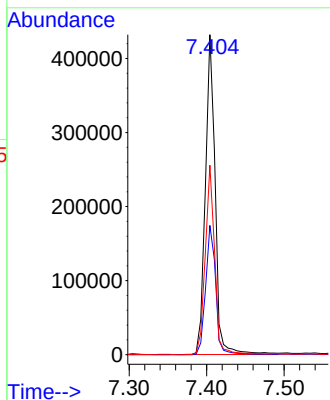
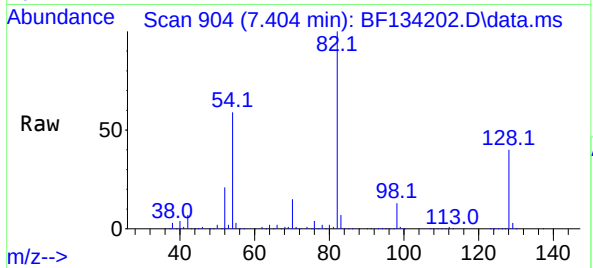




#23
Nitrobenzene-d5
Concen: 65.342 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

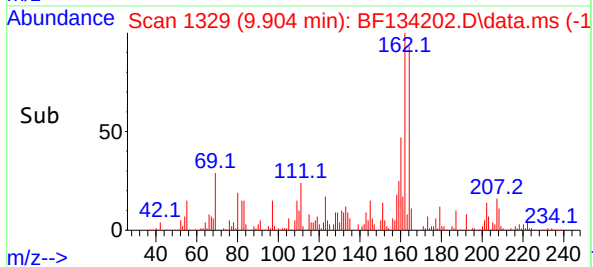
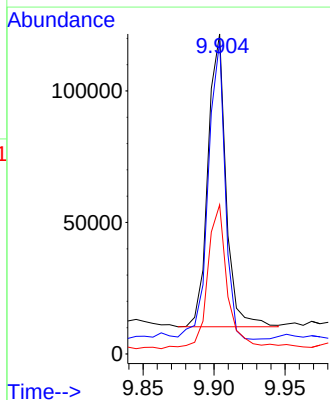
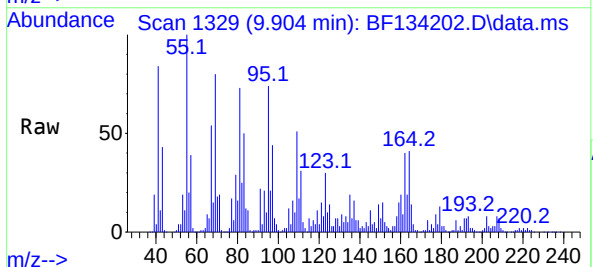
Instrument :
BNA_F
ClientSampleId :
DT-02

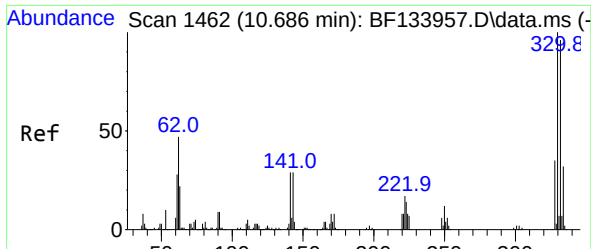
Tgt Ion: 82 Resp: 380405
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 59.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.017 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

Tgt Ion:164 Resp: 98345
Ion Ratio Lower Upper
164 100
162 97.9 80.0 120.0
160 46.6 35.9 53.9

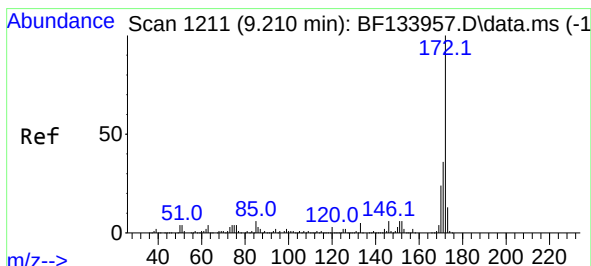
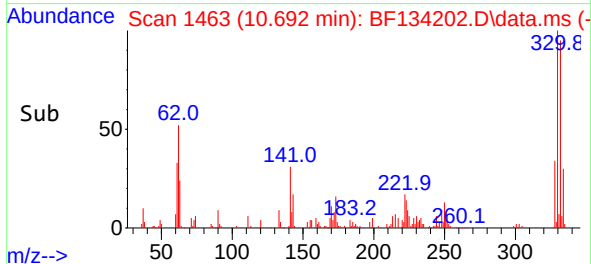
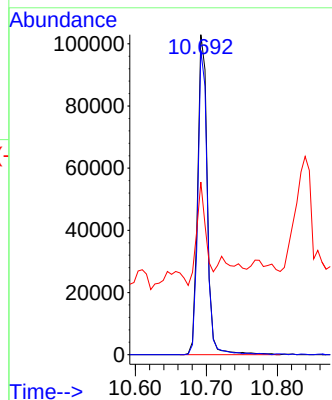
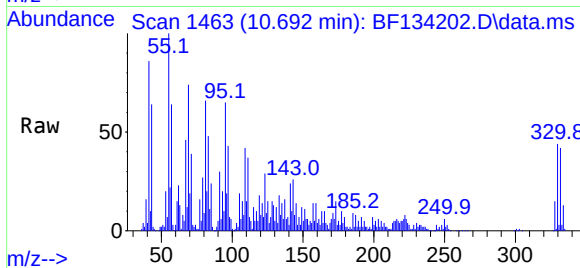




#42
2,4,6-Tribromophenol
Concen: 79.170 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

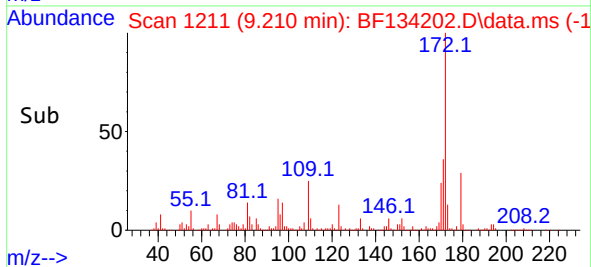
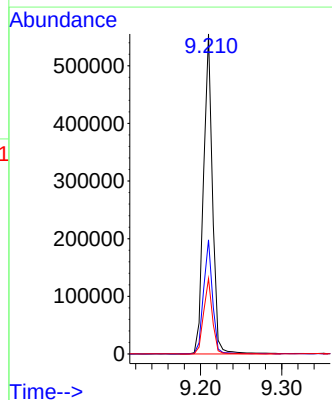
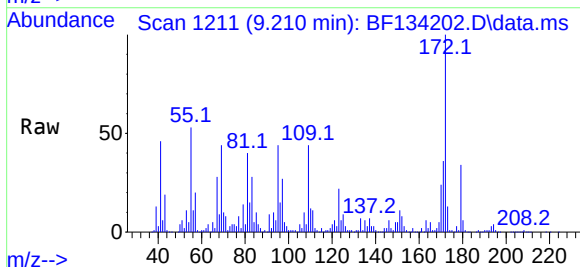
Instrument :
BNA_F
ClientSampleId :
DT-02

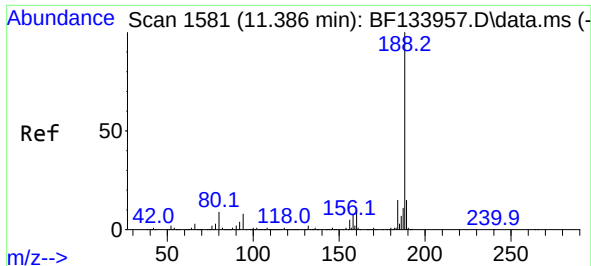
Tgt Ion:330 Resp: 97621
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 31.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 63.079 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

Tgt Ion:172 Resp: 426681
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.4 29.0

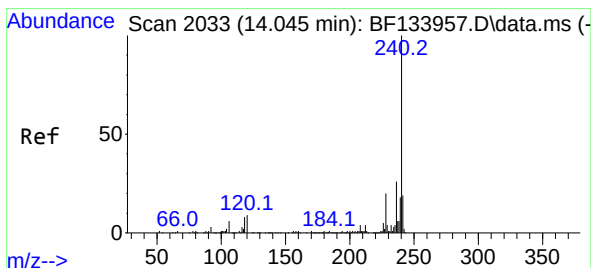
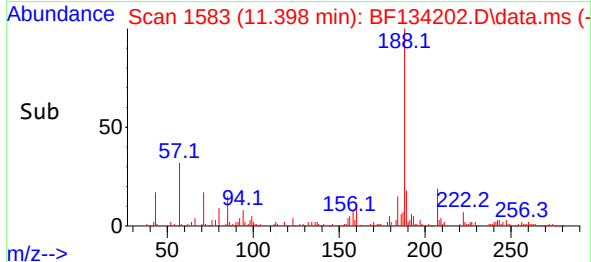
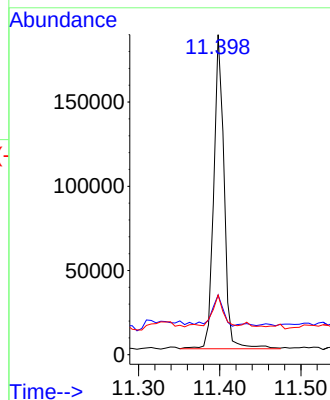
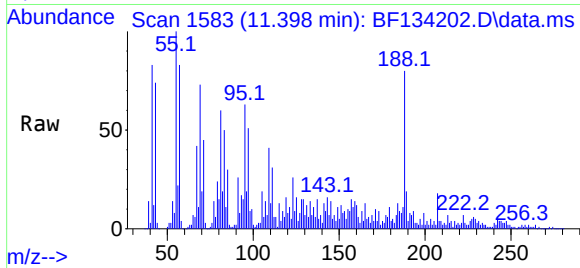




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

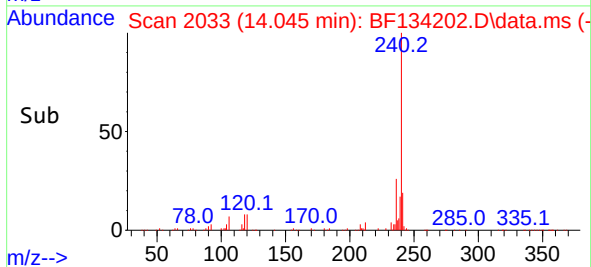
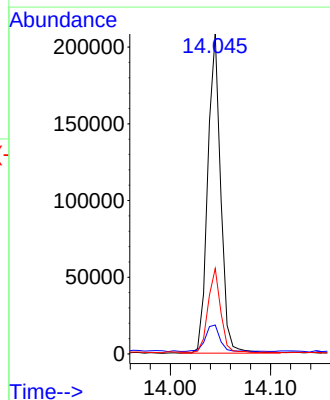
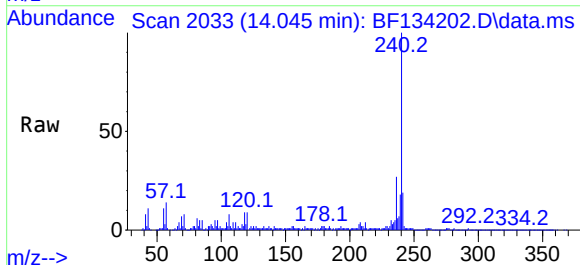
Instrument :
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ClientSampleId :
DT-02

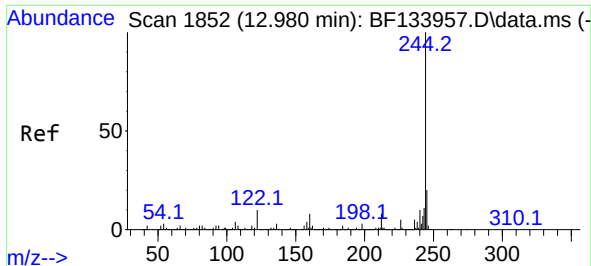
Tgt Ion:188 Resp: 165177
Ion Ratio Lower Upper
188 100
94 18.7 6.4 9.6#
80 18.6 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134202.D
Acq: 10 Jul 2023 23:48

Tgt Ion:240 Resp: 187717
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.7 21.0 31.6

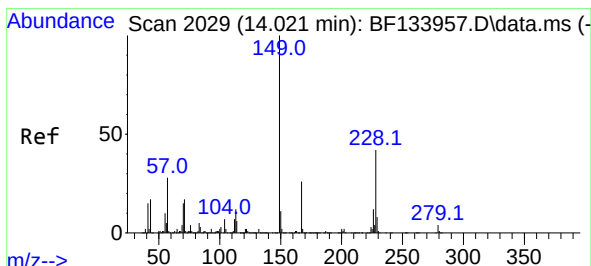
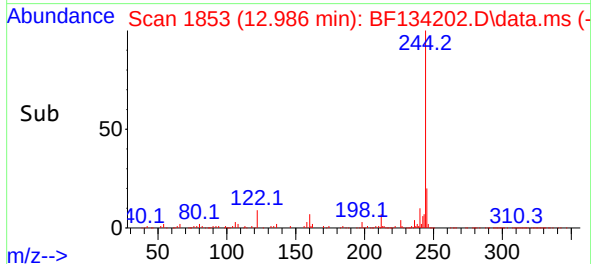
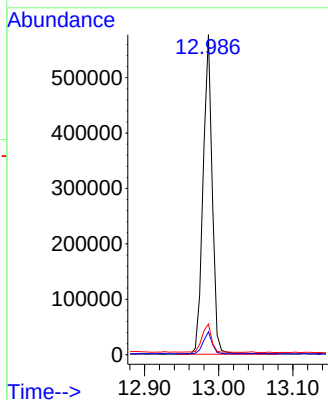
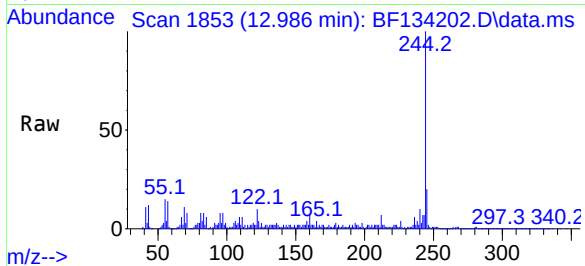




#79
 Terphenyl-d14
 Concen: 42.413 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.012 min
 Lab File: BF134202.D
 Acq: 10 Jul 2023 23:48

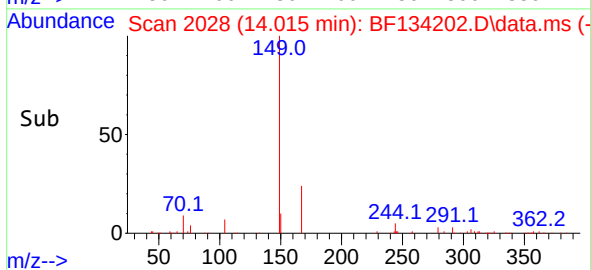
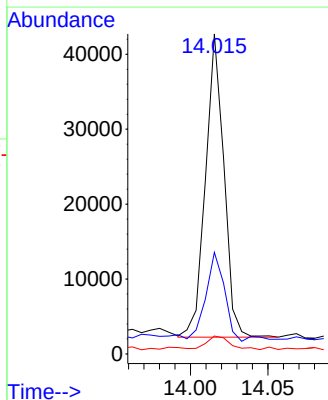
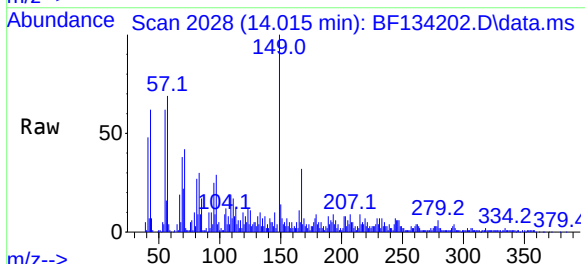
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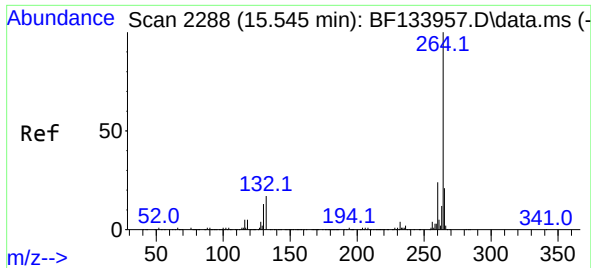
Tgt Ion:244 Resp: 494694
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.6 8.3 12.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.439 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: BF134202.D
 Acq: 10 Jul 2023 23:48

Tgt Ion:149 Resp: 33421
 Ion Ratio Lower Upper
 149 100
 167 31.8 21.0 31.4#
 279 5.6 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF134202.D
 Acq: 10 Jul 2023 23:48

Instrument :
 BNA_F
 ClientSampleId :
 DT-02

Tgt Ion:264 Resp: 136713
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.9 16.6 25.0

