

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136847.D
 Acq On : 30 Dec 2023 01:21
 Operator : CG\JU
 Sample : 06015-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2

Quant Time: Dec 30 03:10:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72689	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	280432	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	142161	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	255908	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	141656	20.000	ng	0.00
86) Perylene-d12	15.445	264	146828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	512451	109.999	ng	0.00
7) Phenol-d6	6.434	99	591881	98.050	ng	0.00
23) Nitrobenzene-d5	7.345	82	427219	77.956	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	191422	114.332	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	863420	81.688	ng	-0.01
79) Terphenyl-d14	12.904	244	876601	86.479	ng	-0.01

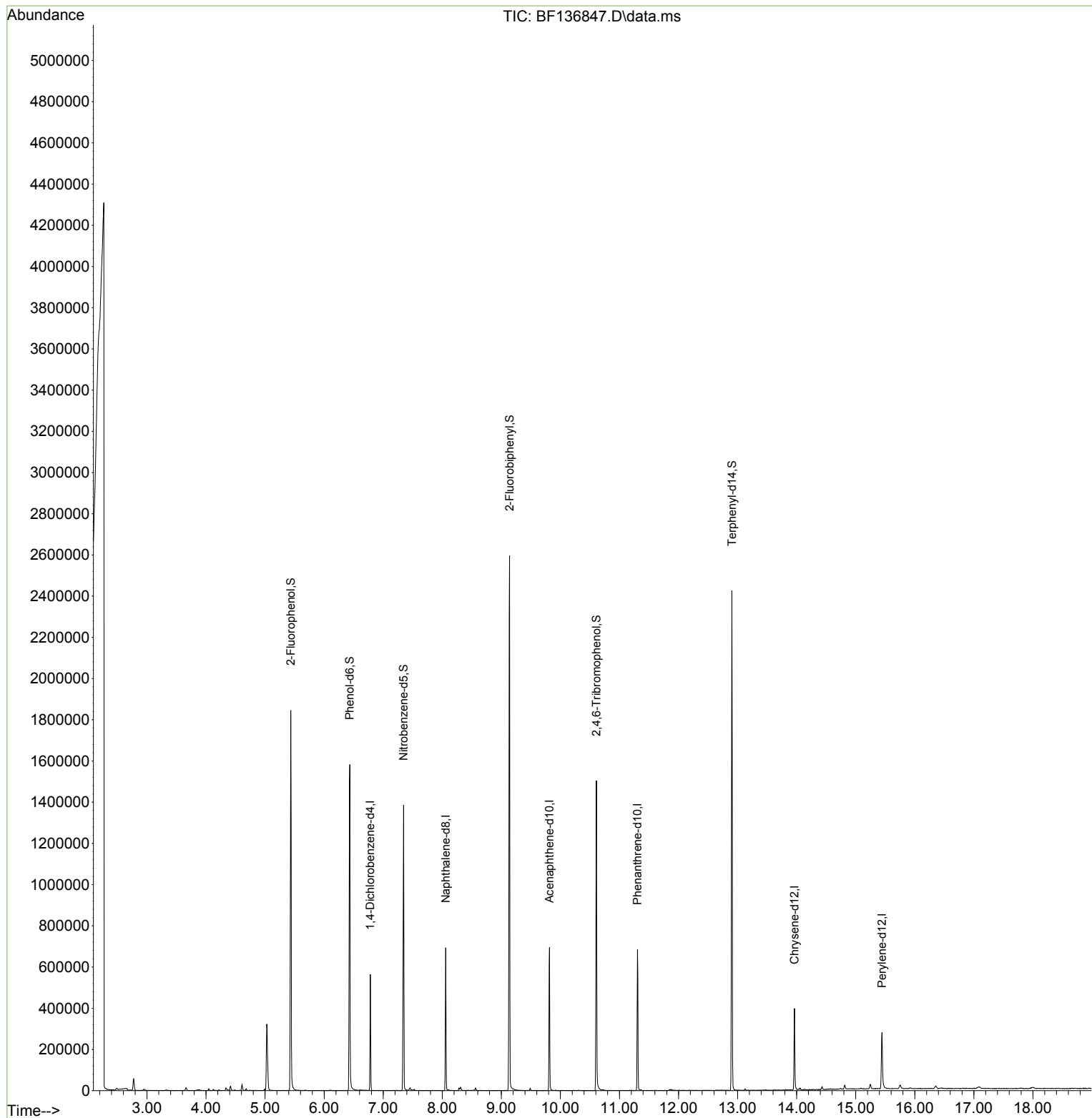
Target Compounds	Qvalue

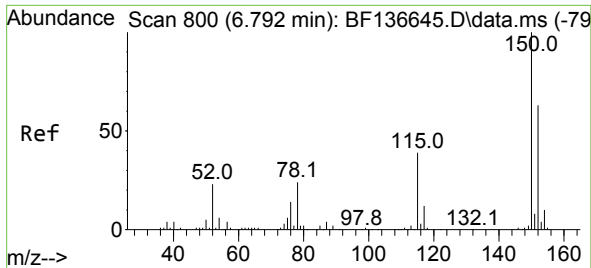
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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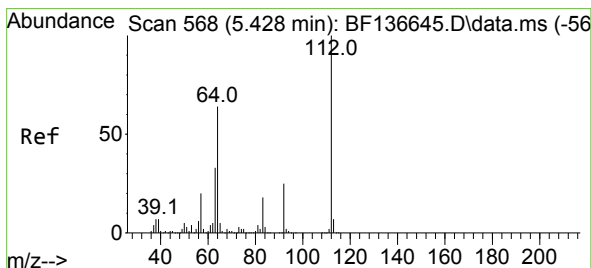
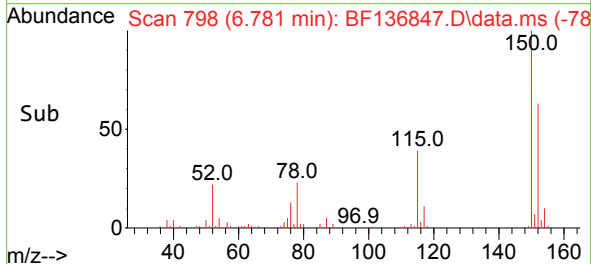
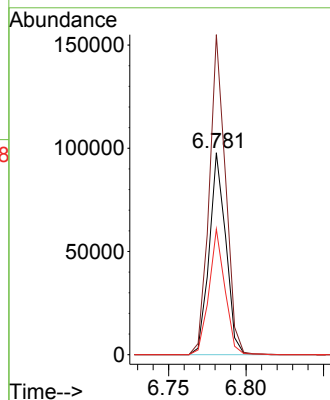
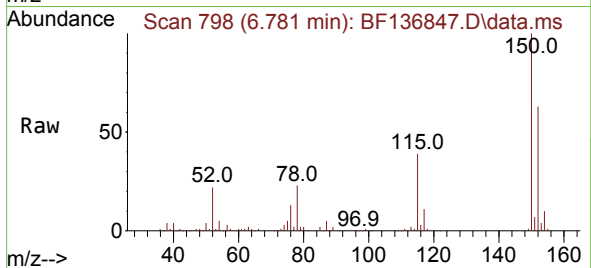




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

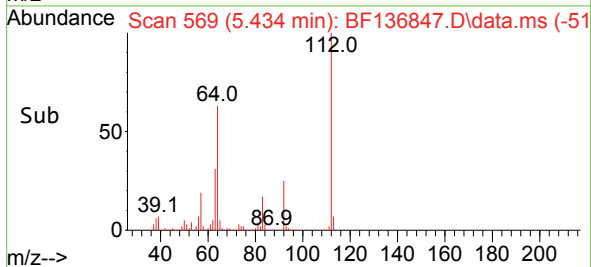
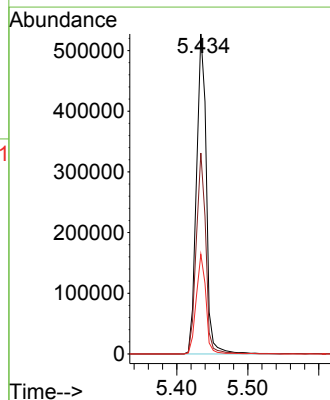
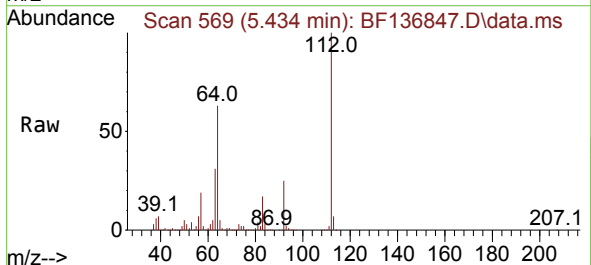
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2

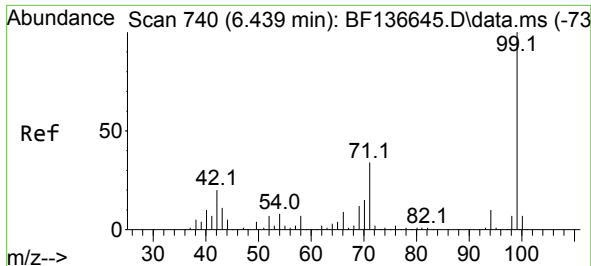
Tgt Ion:152 Resp: 72689
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 109.999 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

Tgt Ion:112 Resp: 512451
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 31.2 26.1 39.1

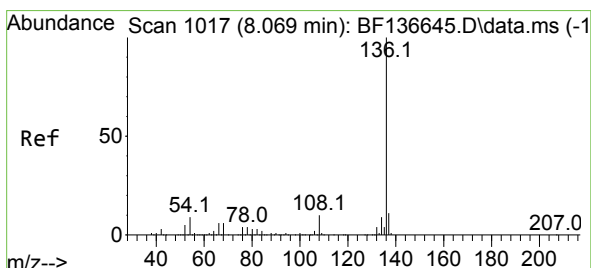
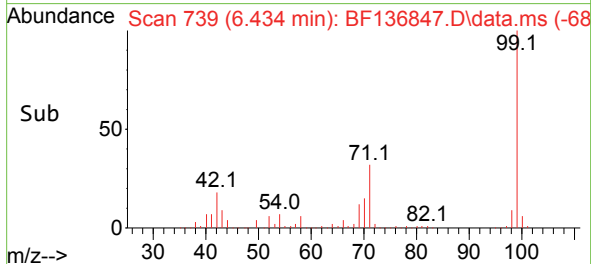
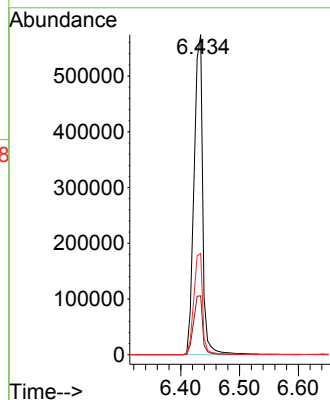
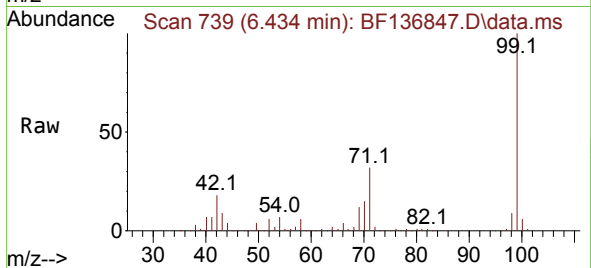




#7
Phenol-d6
Concen: 98.050 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

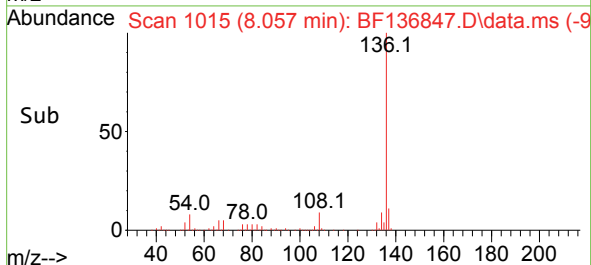
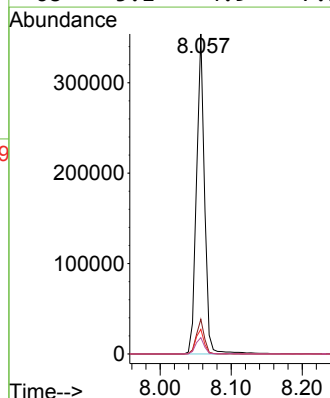
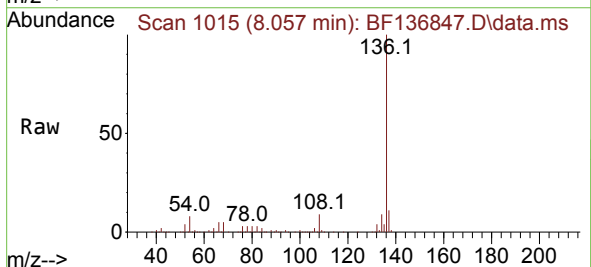
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2

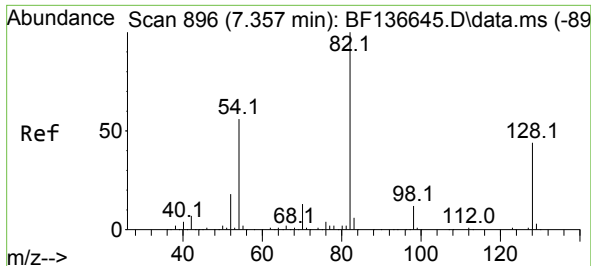
Tgt Ion: 99 Resp: 591881
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 31.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

Tgt Ion: 136 Resp: 280432
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.7 7.2 10.8
68 5.1 4.9 7.3

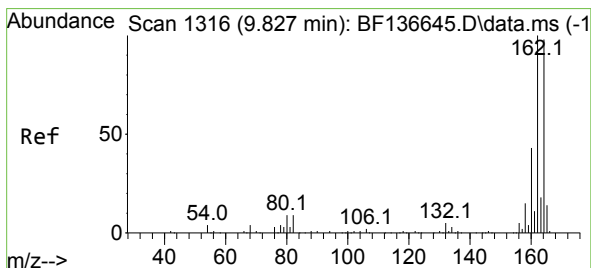
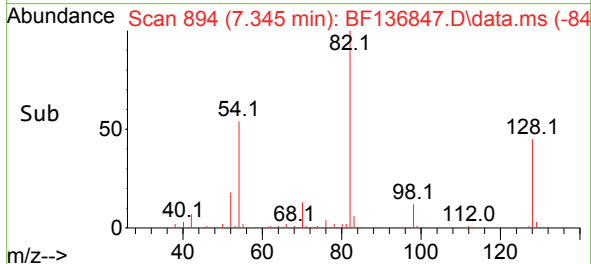
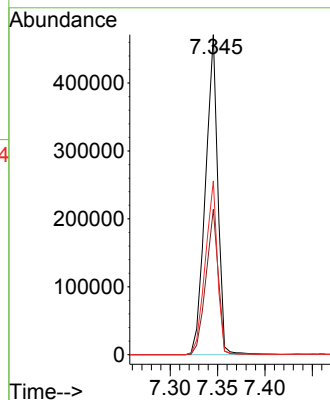
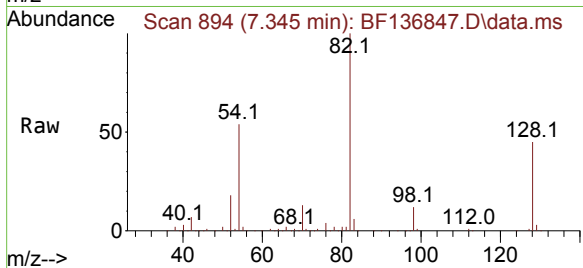




#23
 Nitrobenzene-d5
 Concen: 77.956 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136847.D
 Acq: 30 Dec 2023 01:21

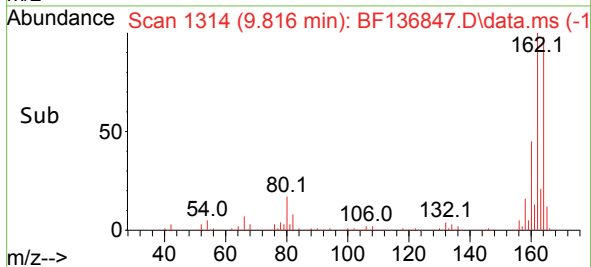
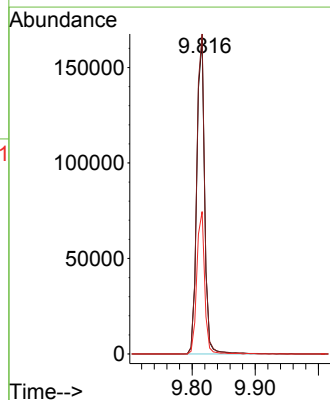
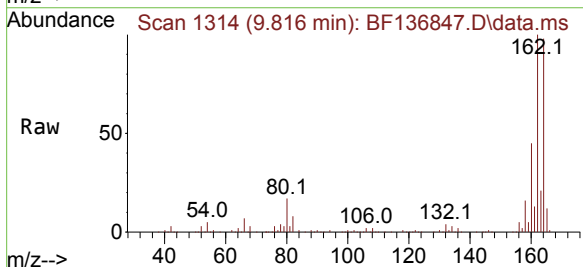
Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2

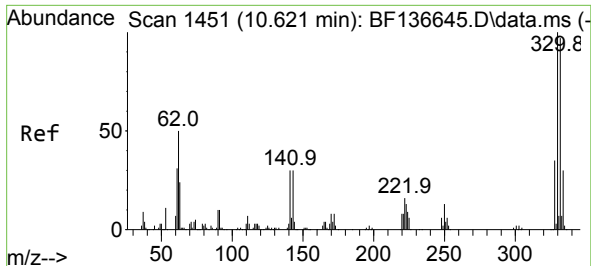
Tgt Ion: 82 Resp: 427219
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.3 52.9
 54 54.3 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136847.D
 Acq: 30 Dec 2023 01:21

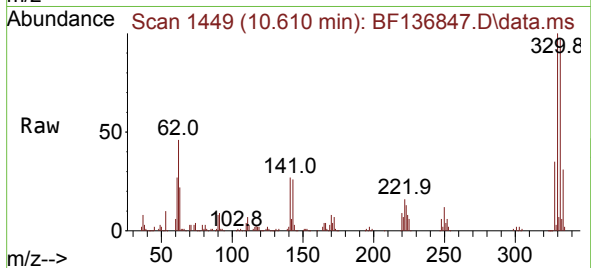
Tgt Ion:164 Resp: 142161
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.6 122.4
 160 45.3 34.9 52.3



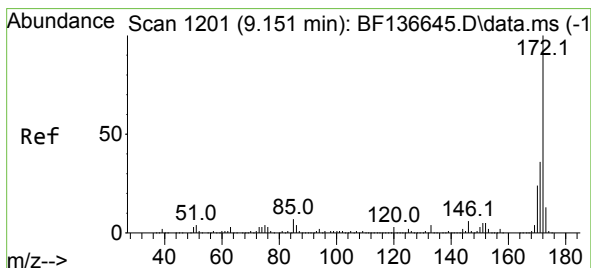
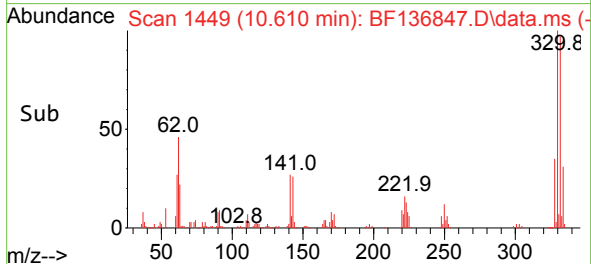
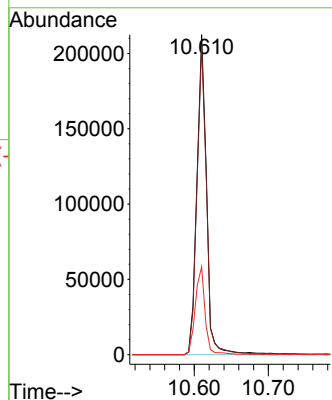


#42
2,4,6-Tribromophenol
Concen: 114.332 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2

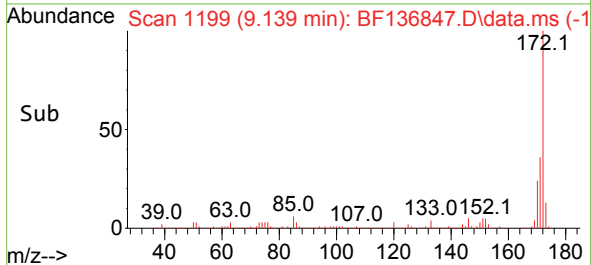
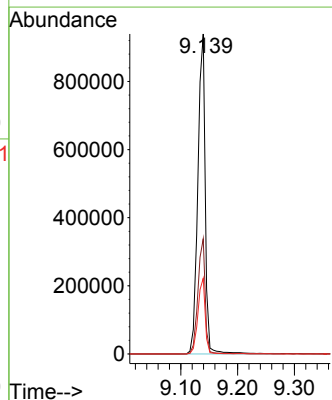
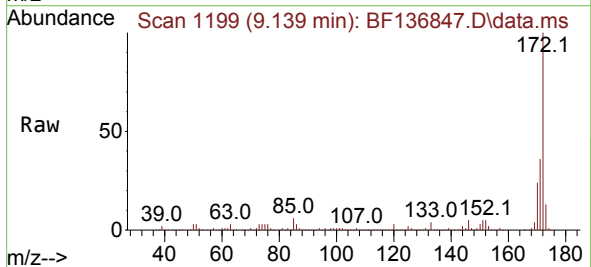


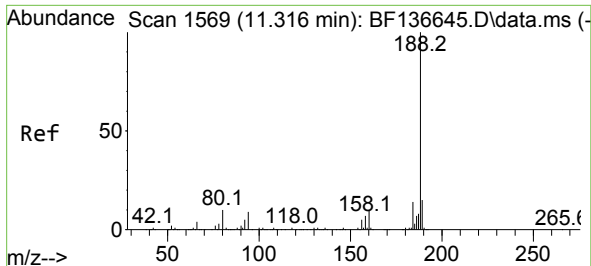
Tgt Ion:330 Resp: 191422
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.688 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

Tgt Ion:172 Resp: 863420
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.6 19.0 28.4

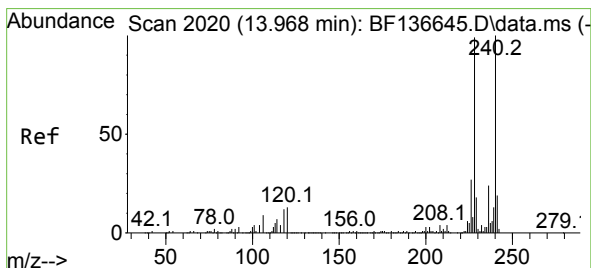
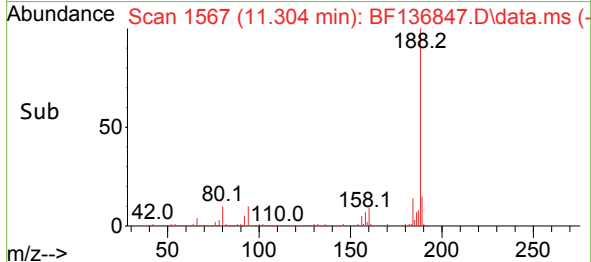
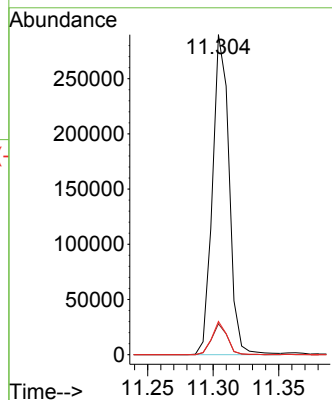
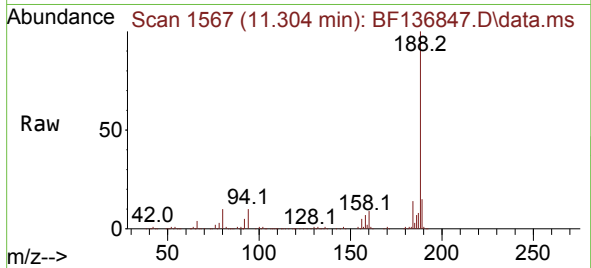




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

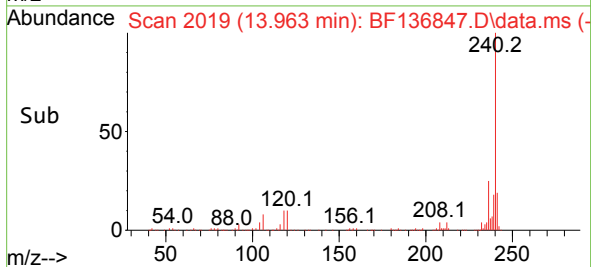
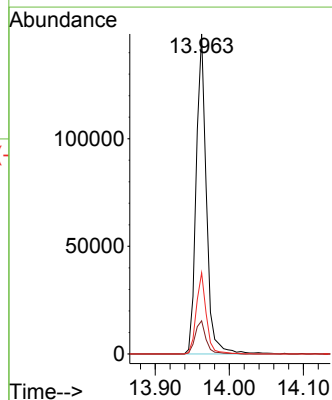
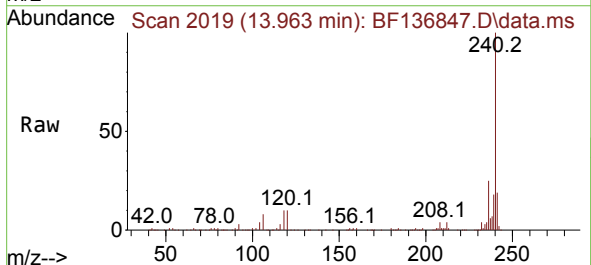
Instrument :
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ClientSampleId :
MR-317-0-2

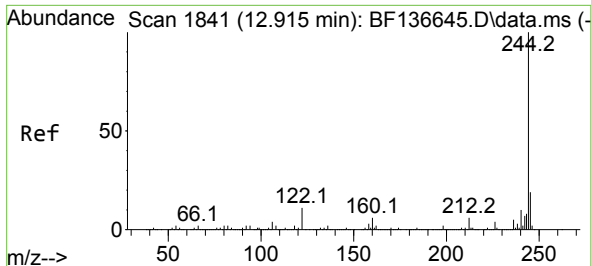
Tgt Ion:188 Resp: 255908
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136847.D
Acq: 30 Dec 2023 01:21

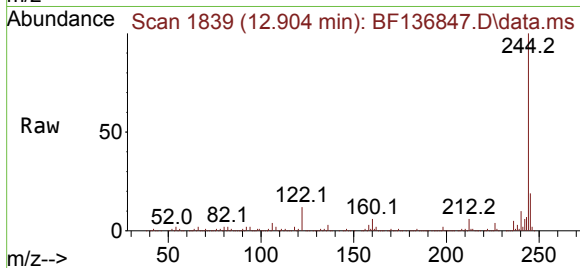
Tgt Ion:240 Resp: 141656
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5
236 25.3 19.4 29.2



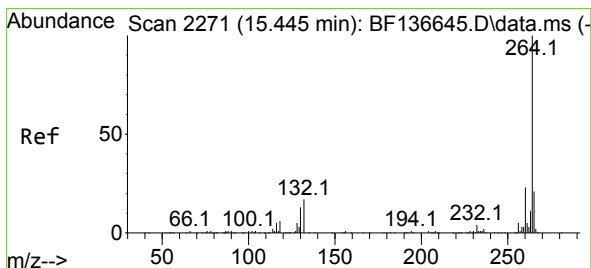
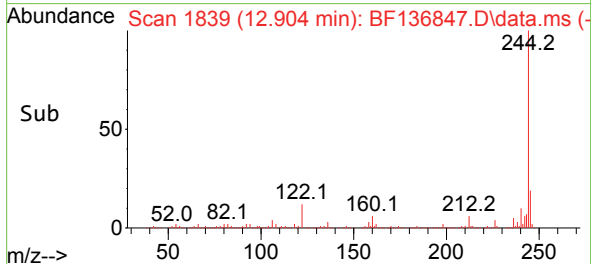
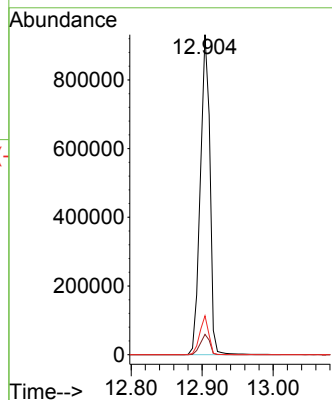


#79
 Terphenyl-d14
 Concen: 86.479 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136847.D
 Acq: 30 Dec 2023 01:21

Instrument :
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Tgt Ion:244 Resp: 876601
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136847.D
 Acq: 30 Dec 2023 01:21

Tgt Ion:264 Resp: 146828
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.5 17.0 25.6

