

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136850.D
 Acq On : 30 Dec 2023 03:03
 Operator : CG\JU
 Sample : 06016-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-0-2

Quant Time: Dec 30 03:24:35 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	71415	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276461	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	141053	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	253034	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	138411	20.000	ng	0.00
86) Perylene-d12	15.445	264	146120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	438596	95.825	ng	0.00
7) Phenol-d6	6.428	99	506351	85.377	ng	-0.01
23) Nitrobenzene-d5	7.345	82	361882	66.982	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	151669	91.300	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	735529	70.135	ng	-0.02
79) Terphenyl-d14	12.904	244	717806	72.473	ng	-0.01

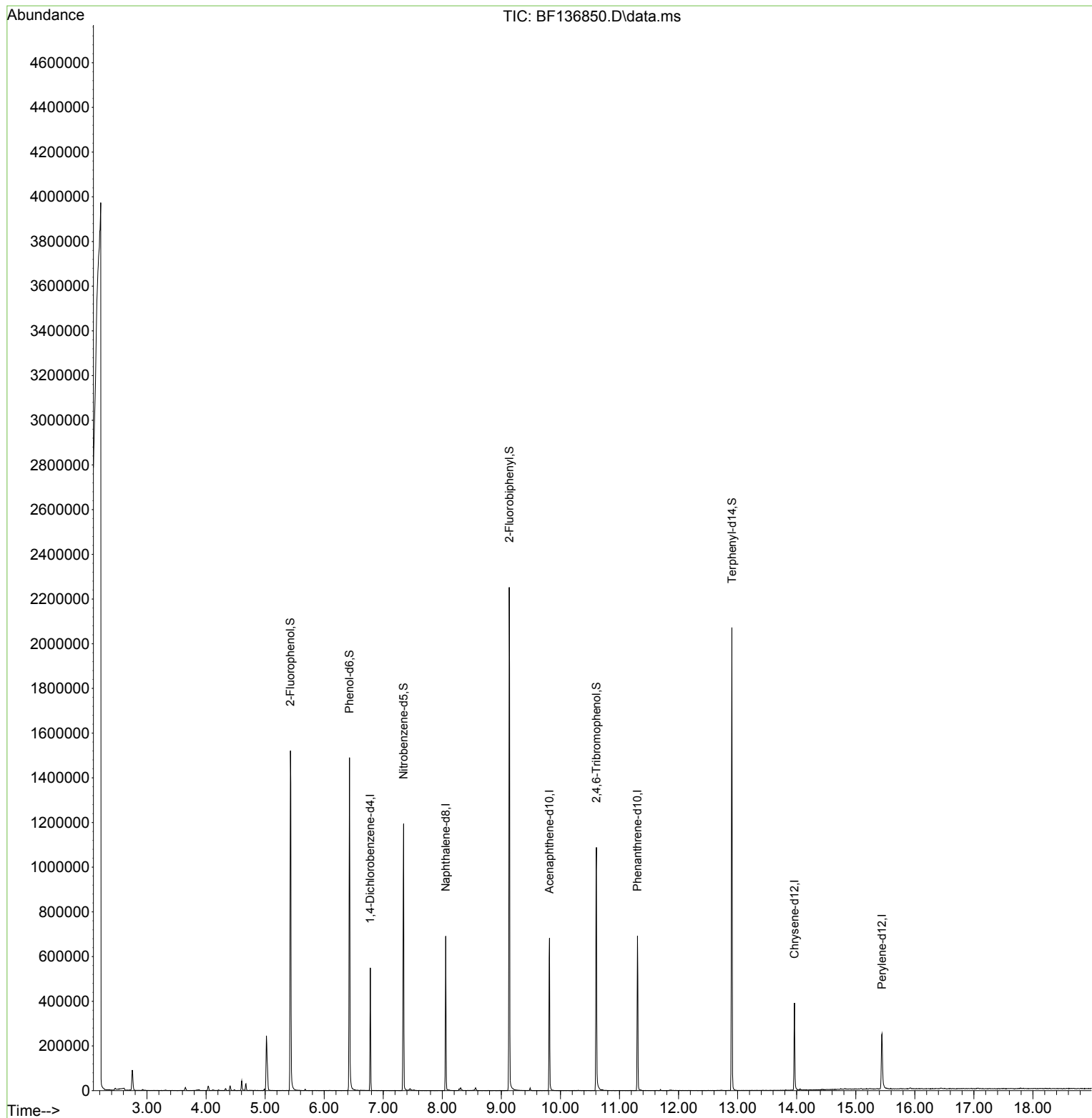
Target Compounds	Qvalue

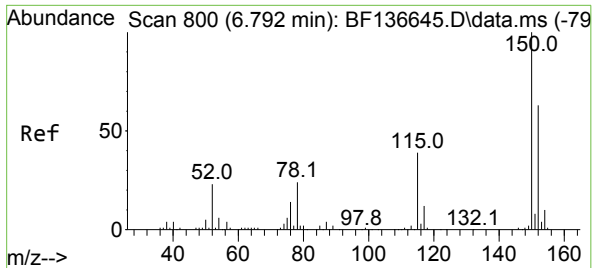
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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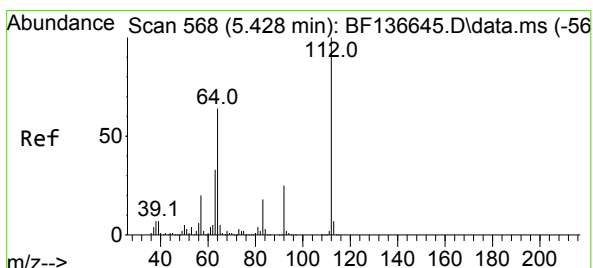
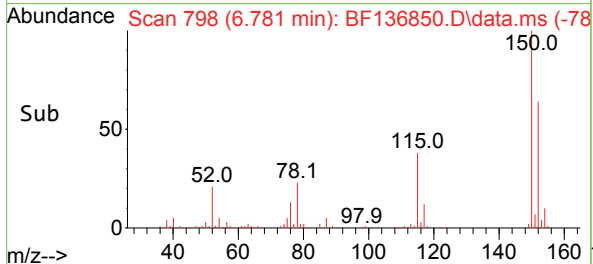
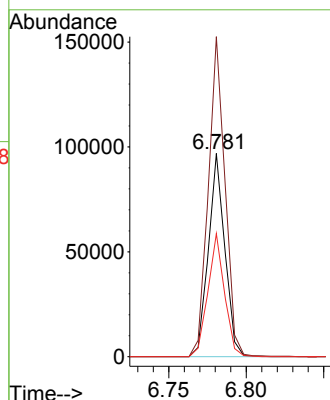
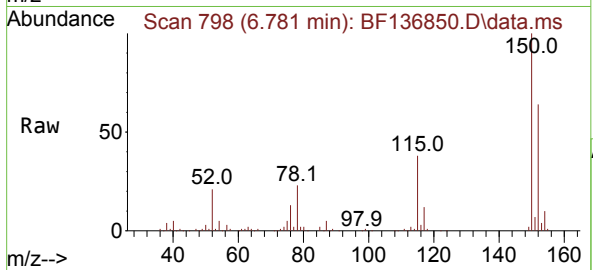




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

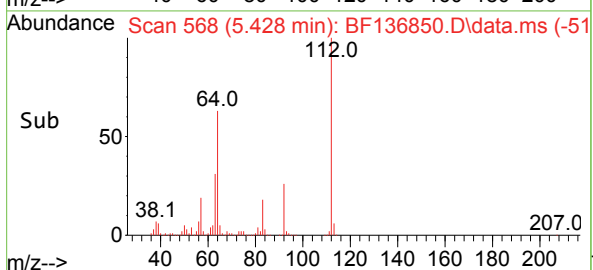
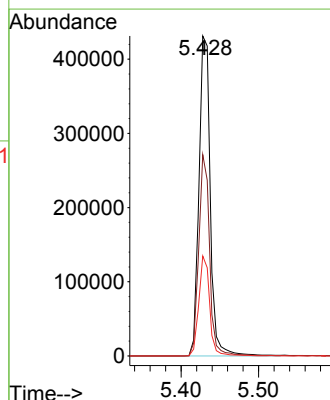
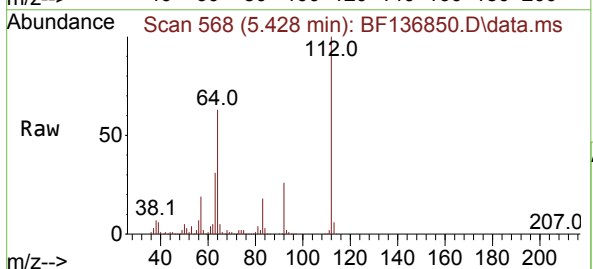
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

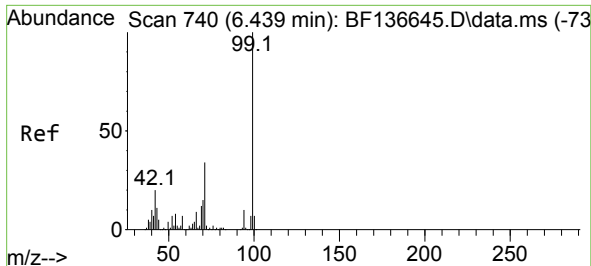
Tgt Ion:152 Resp: 71415
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 95.825 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:112 Resp: 438596
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 31.3 26.1 39.1





#7
Phenol-d6
Concen: 85.377 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

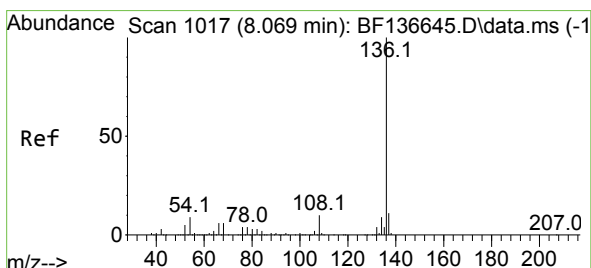
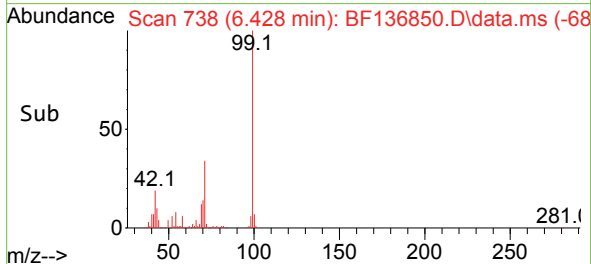
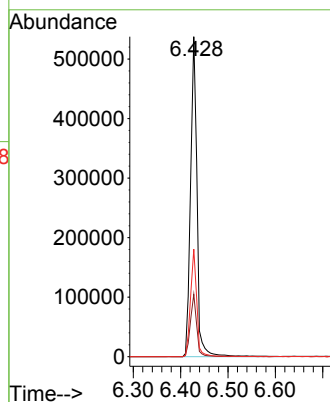
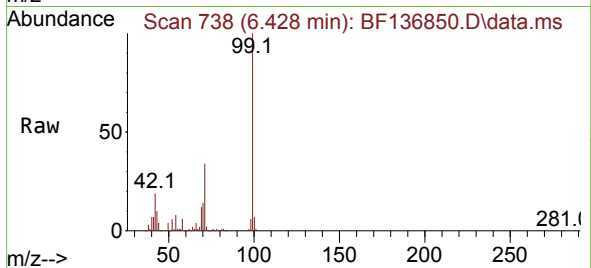
Instrument :

BNA_F

ClientSampleId :

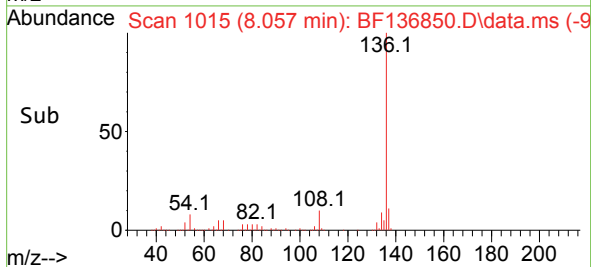
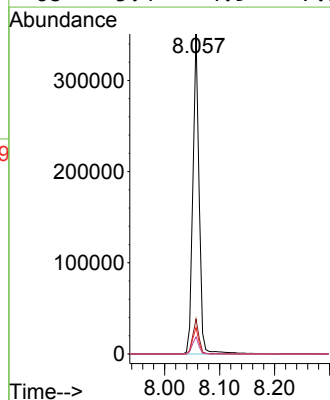
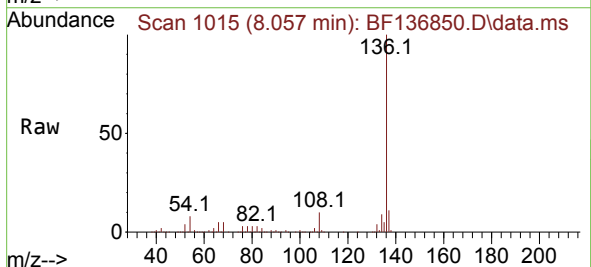
MR-322-0-2

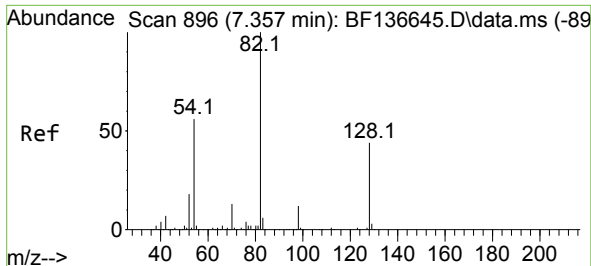
Tgt Ion: 99 Resp: 506351
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion: 136 Resp: 276461
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 7.2 10.8
68 5.4 4.9 7.3

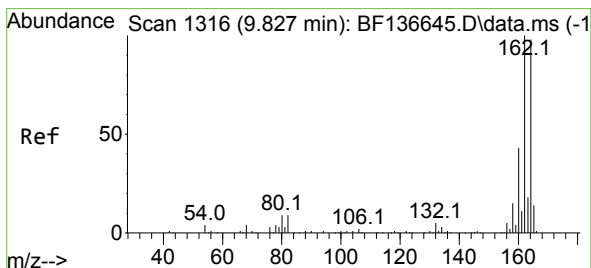
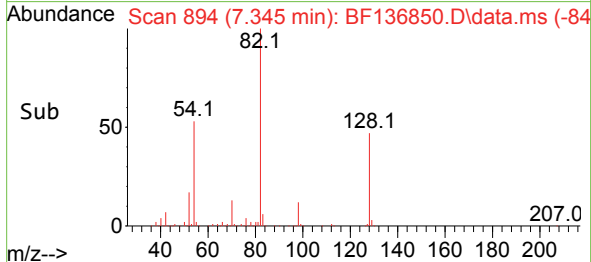
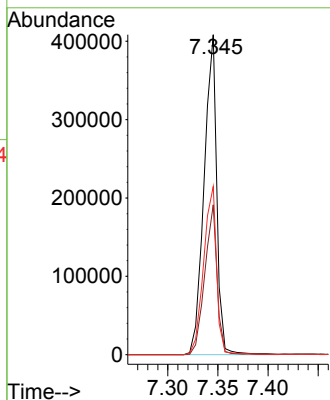
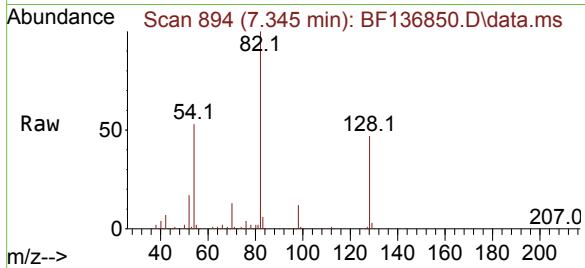




#23
Nitrobenzene-d5
Concen: 66.982 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

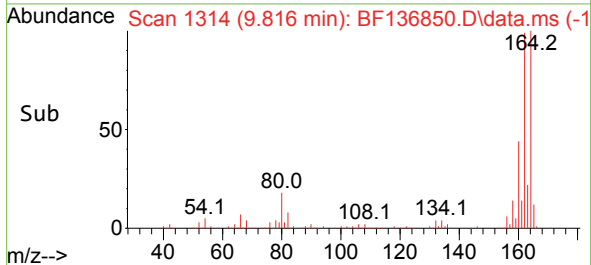
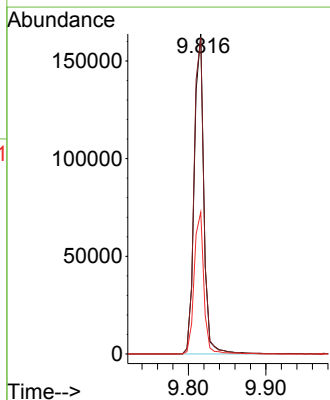
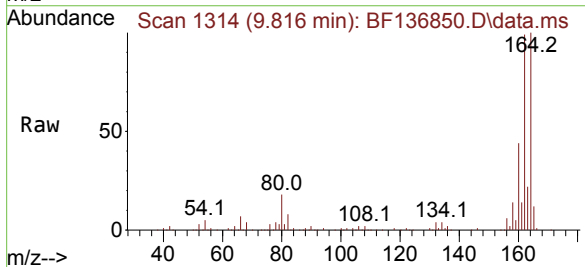
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

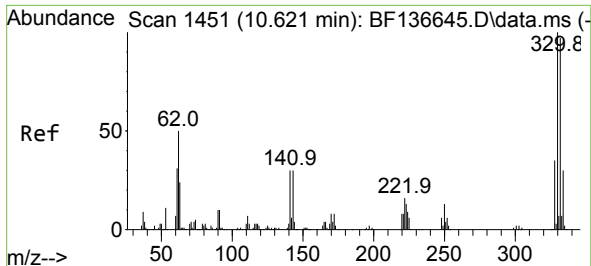
Tgt Ion: 82 Resp: 361882
Ion Ratio Lower Upper
82 100
128 46.8 35.3 52.9
54 52.6 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

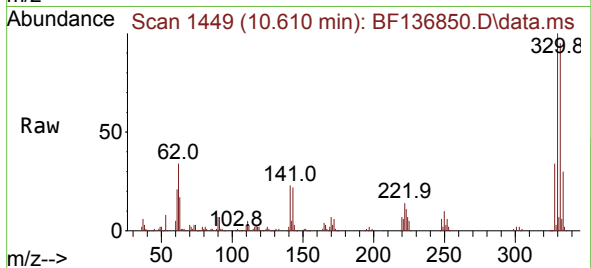
Tgt Ion:164 Resp: 141053
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 44.3 34.9 52.3



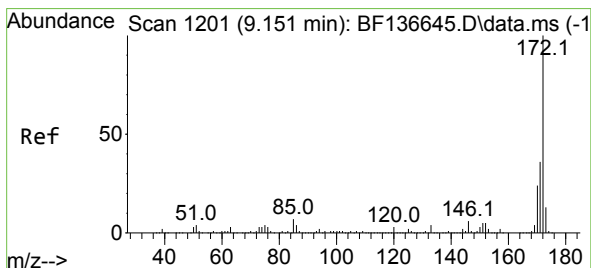
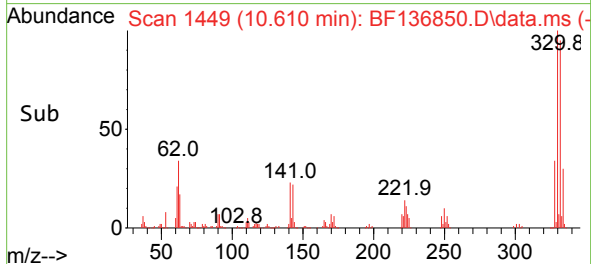
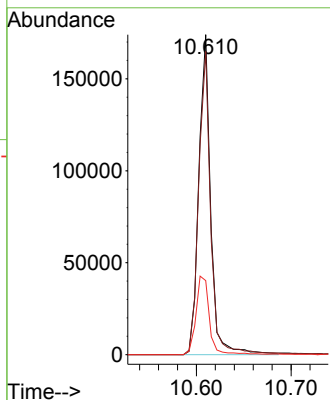


#42
2,4,6-Tribromophenol
Concen: 91.300 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

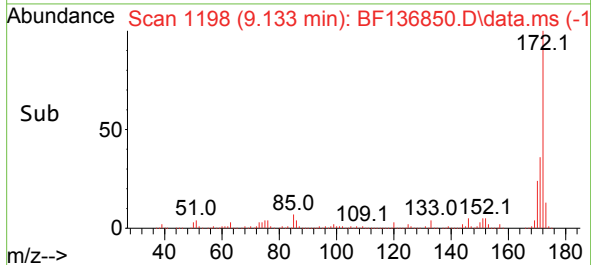
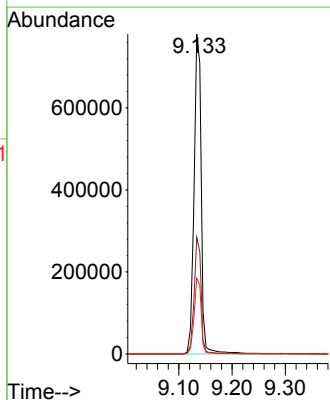
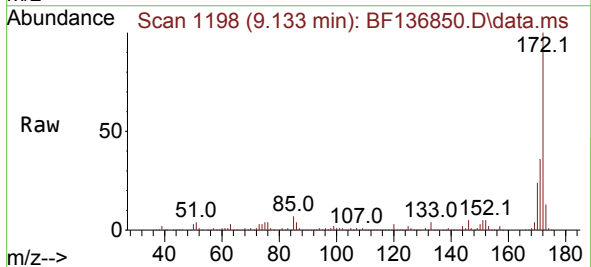


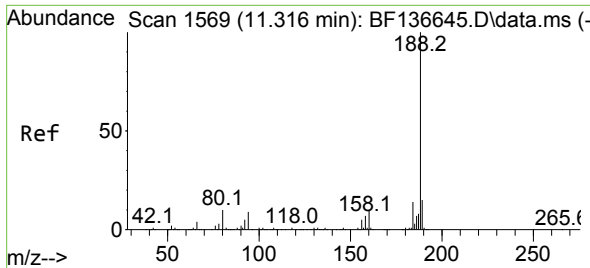
Tgt Ion:330 Resp: 151669
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 70.135 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:172 Resp: 735529
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.6 19.0 28.4

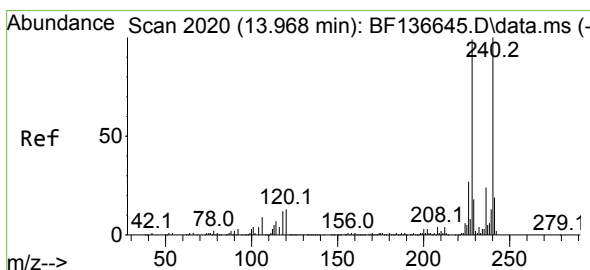
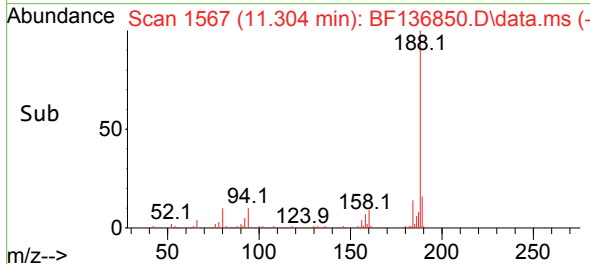
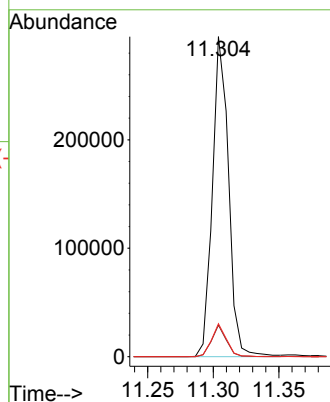
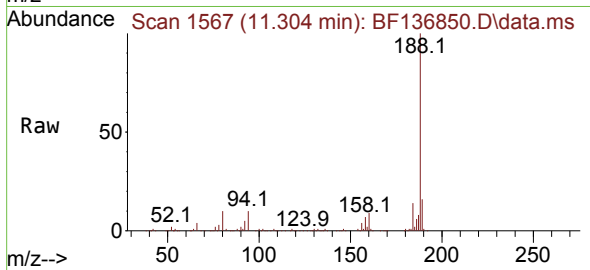




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

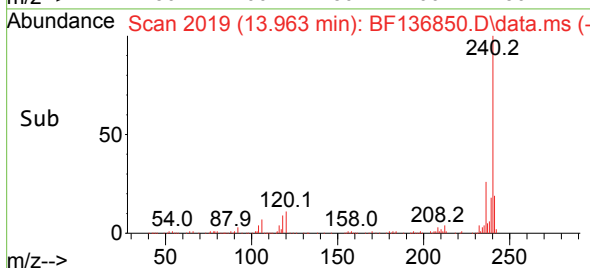
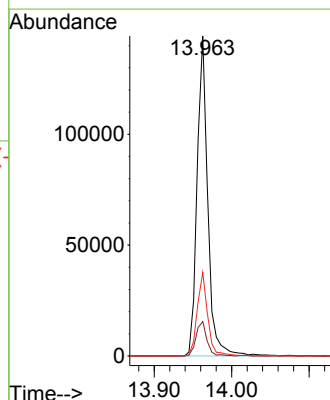
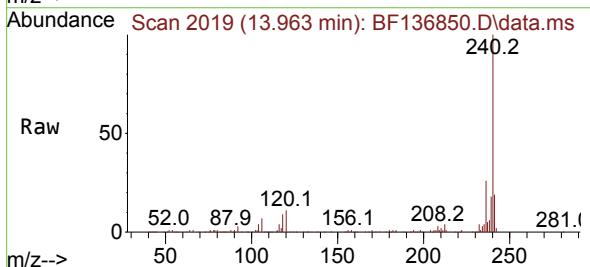
Instrument :
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ClientSampleId :
MR-322-0-2

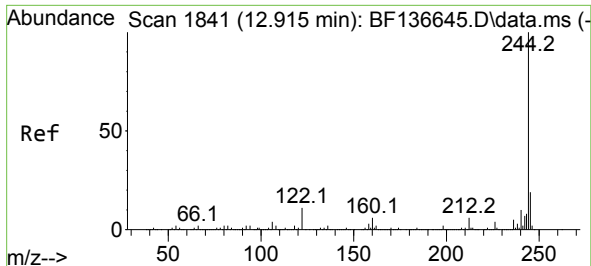
Tgt Ion:188 Resp: 253034
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

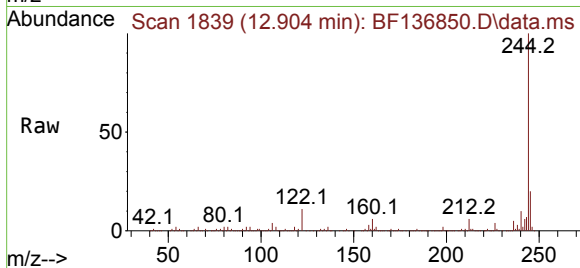
Tgt Ion:240 Resp: 138411
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 26.1 19.4 29.2



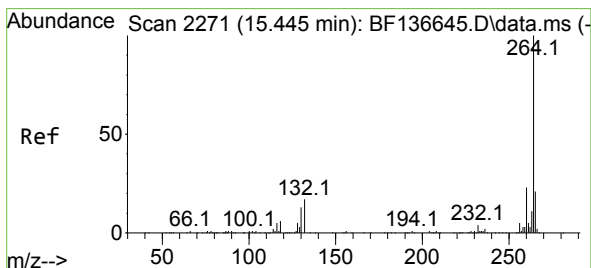
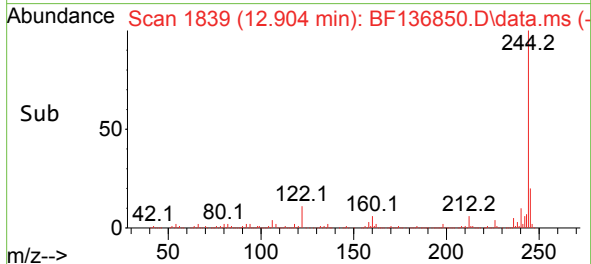
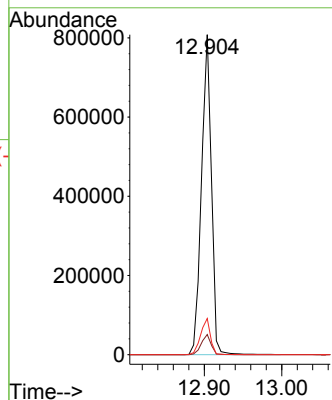


#79
 Terphenyl-d14
 Concen: 72.473 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136850.D
 Acq: 30 Dec 2023 03:03

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 717806
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.3 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: BF136850.D
 Acq: 30 Dec 2023 03:03

Tgt Ion:264 Resp: 146120
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 20.7 17.0 25.6

