

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136845.D
 Acq On : 30 Dec 2023 00:13
 Operator : CG\JU
 Sample : 05980-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-315-0-2

Quant Time: Dec 30 03:09:35 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	72272	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276514	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	143226	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	264111	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140134	20.000	ng	0.00
86) Perylene-d12	15.445	264	141881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	529022	114.211	ng	0.01
7) Phenol-d6	6.434	99	604451	100.710	ng	0.00
23) Nitrobenzene-d5	7.346	82	449245	83.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	196918	116.740	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	886079	83.209	ng	-0.01
79) Terphenyl-d14	12.904	244	877389	87.496	ng	-0.01

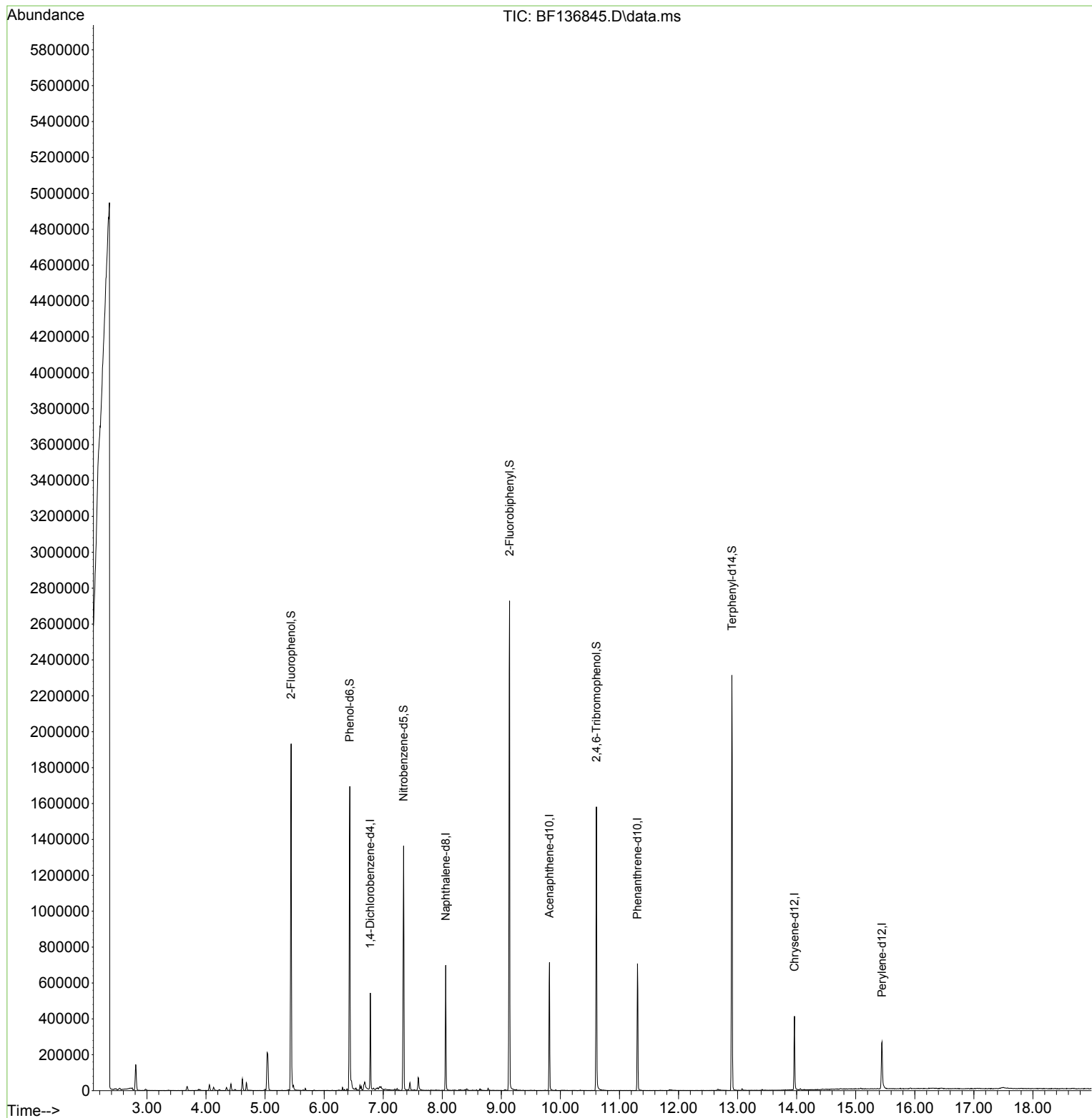
Target Compounds	Qvalue

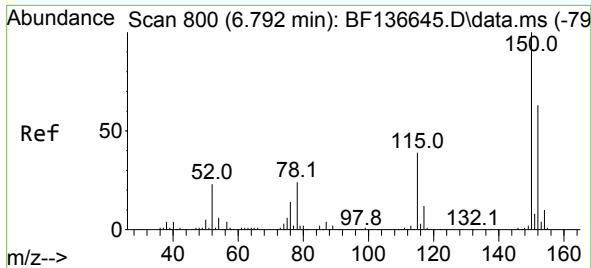
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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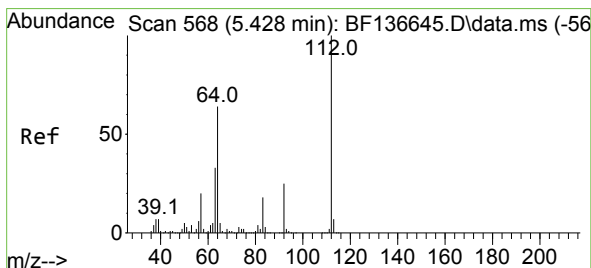
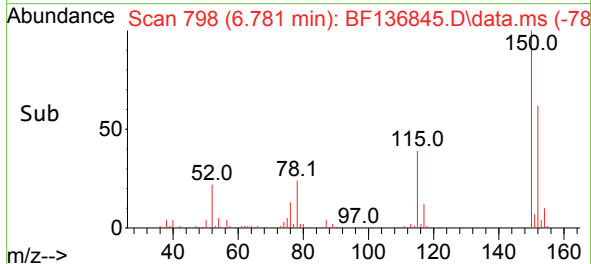
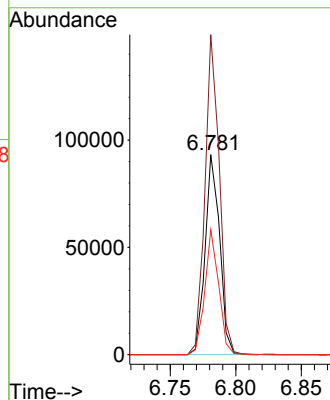
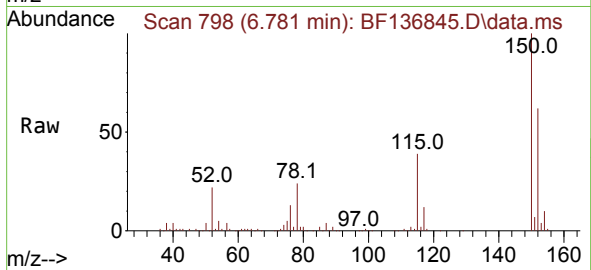




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

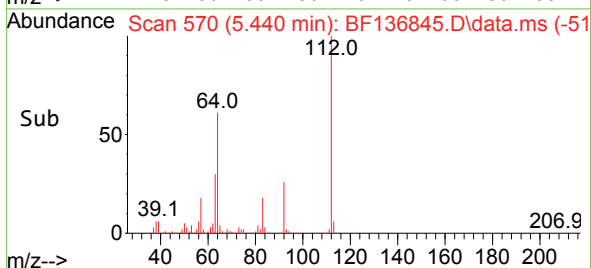
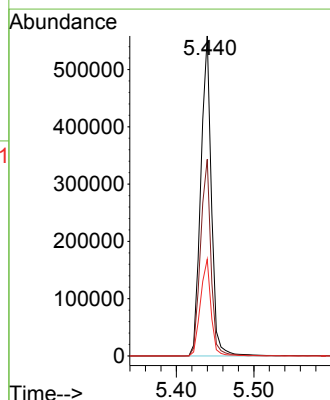
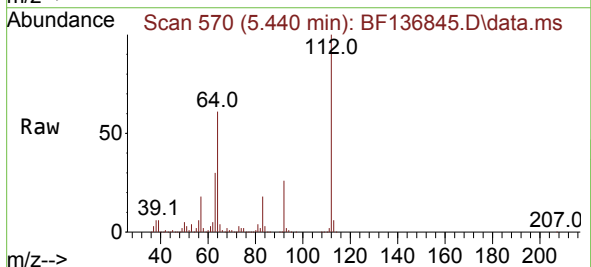
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

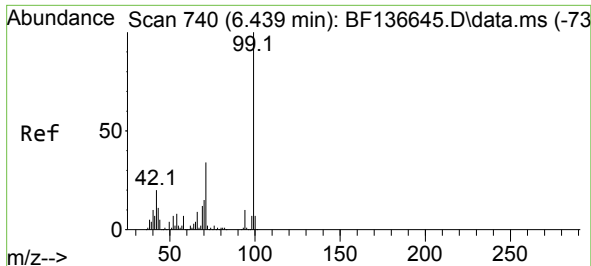
Tgt Ion:152 Resp: 72272
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 62.5 49.0 73.4



#5
2-Fluorophenol
Concen: 114.211 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:112 Resp: 529022
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 30.2 26.1 39.1

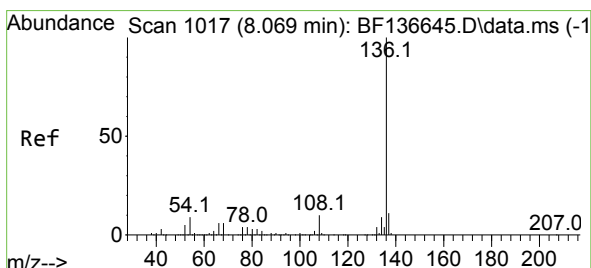
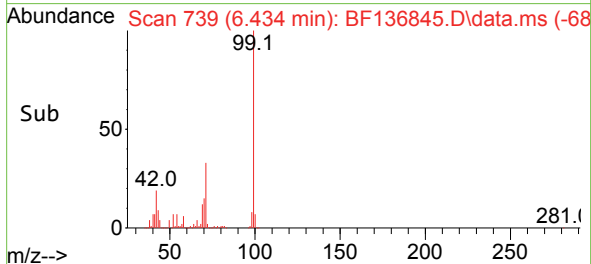
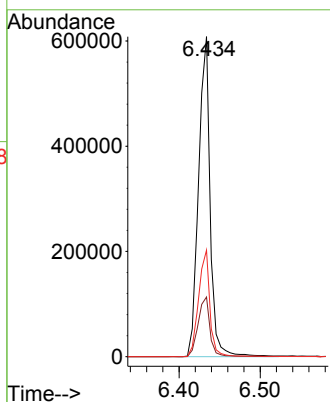
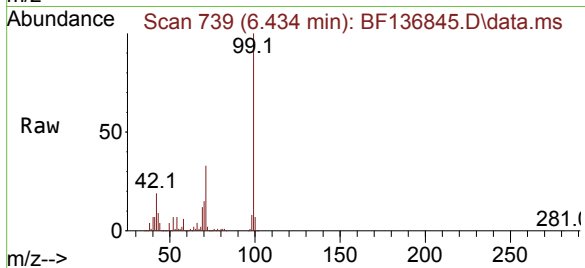




#7
Phenol-d6
Concen: 100.710 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

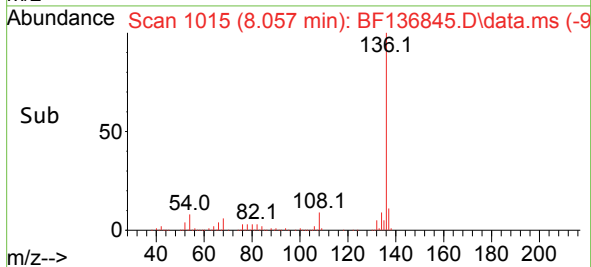
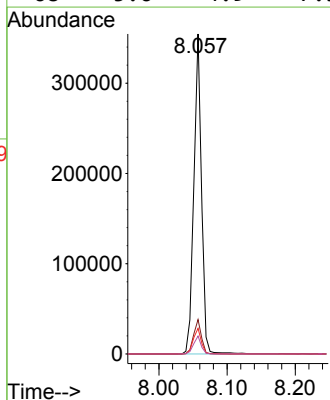
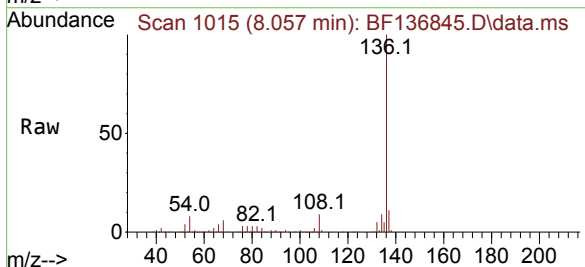
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

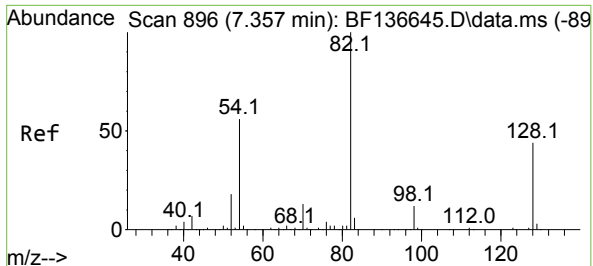
Tgt Ion: 99 Resp: 604451
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 33.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion: 136 Resp: 276514
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 7.2 10.8
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.136 ng

RT: 7.346 min Scan# 894

Delta R.T. -0.011 min

Lab File: BF136845.D

Acq: 30 Dec 2023 00:13

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

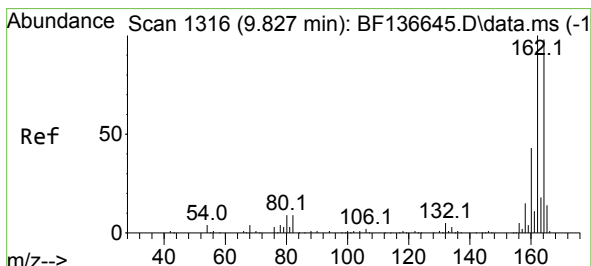
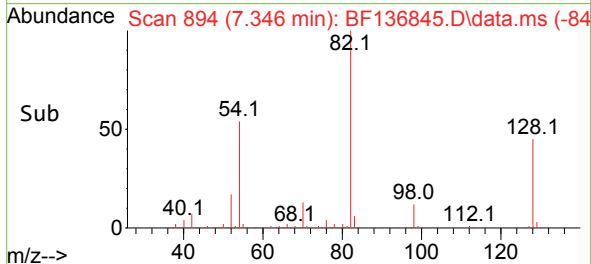
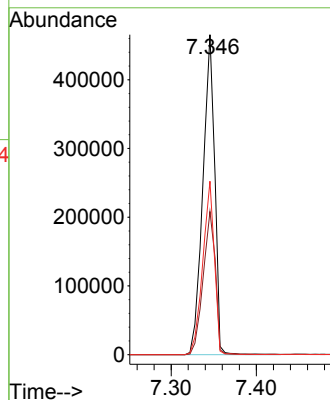
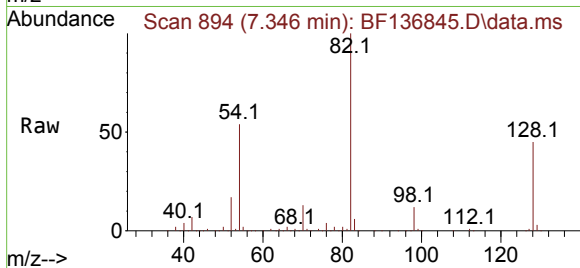
Tgt Ion: 82 Resp: 449245

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 54.2 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.011 min

Lab File: BF136845.D

Acq: 30 Dec 2023 00:13

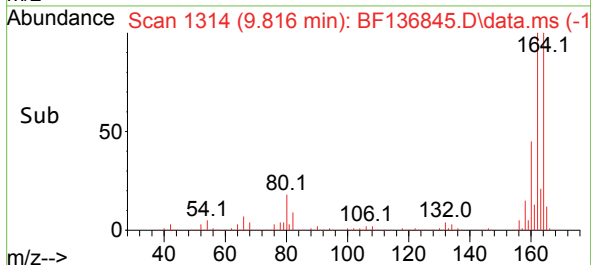
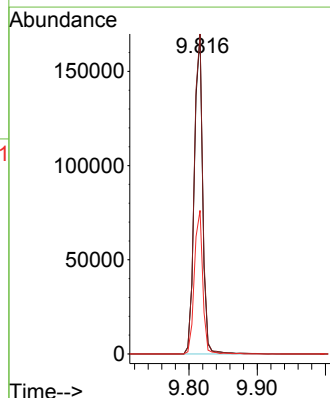
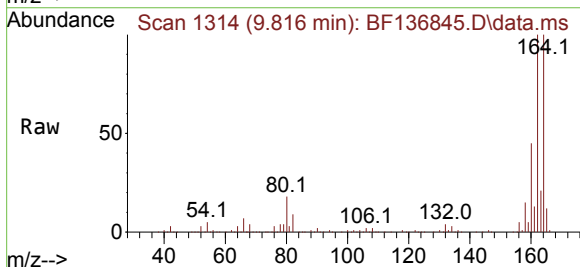
Tgt Ion:164 Resp: 143226

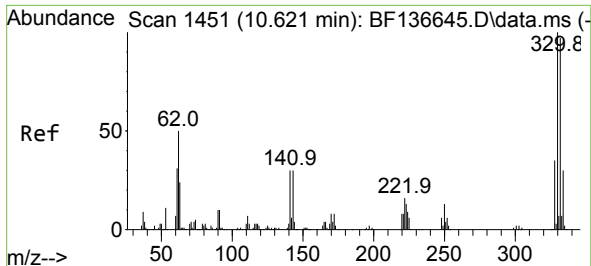
Ion Ratio Lower Upper

164 100

162 100.2 81.6 122.4

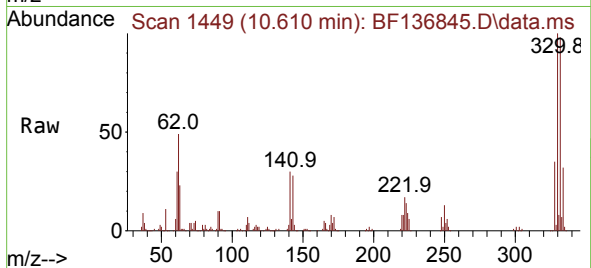
160 45.0 34.9 52.3



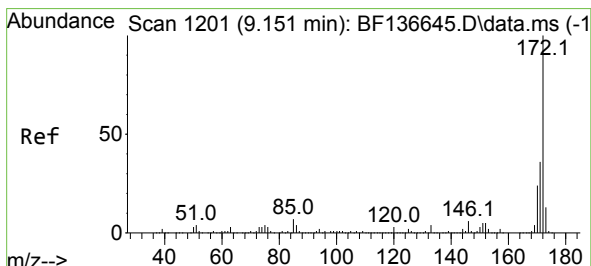
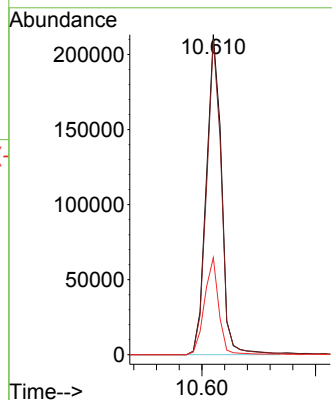
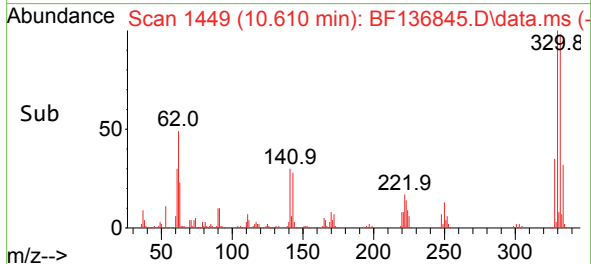


#42
2,4,6-Tribromophenol
Concen: 116.740 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

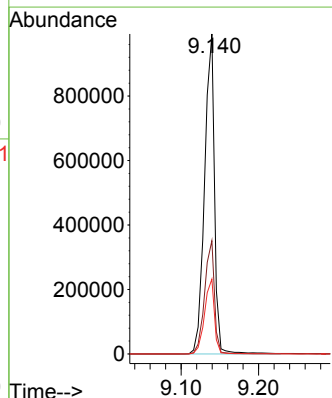
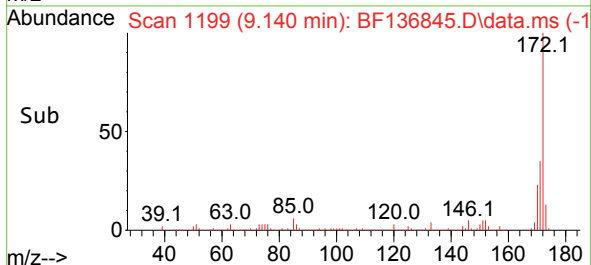
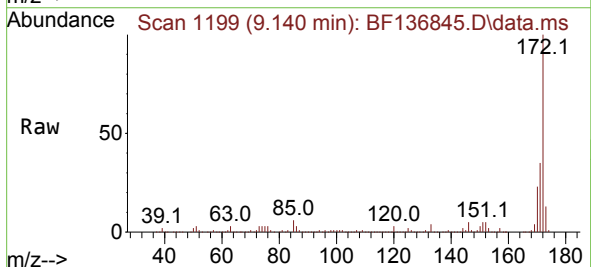


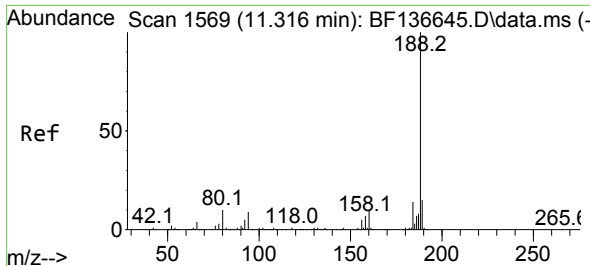
Tgt Ion:330 Resp: 196918
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 83.209 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:172 Resp: 886079
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.4 19.0 28.4

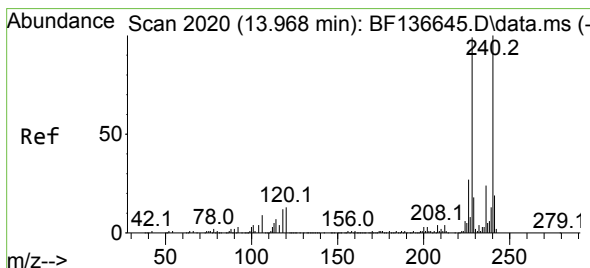
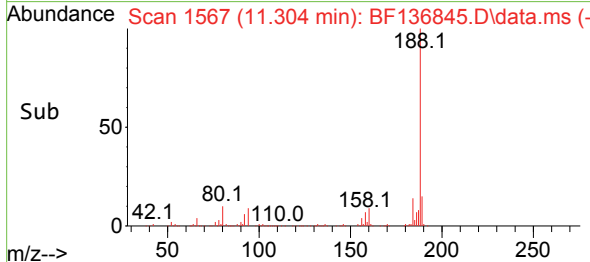
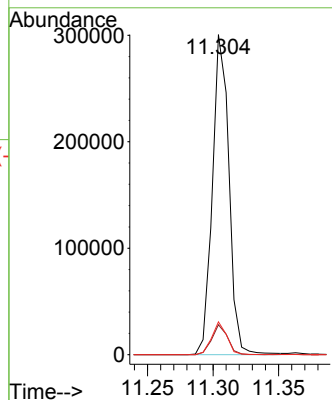
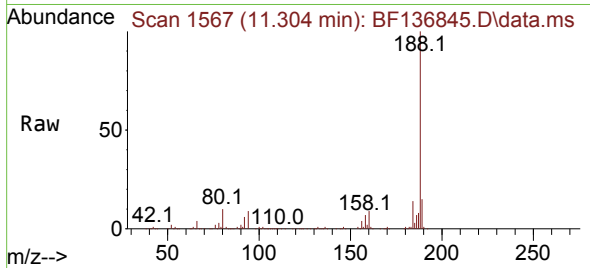




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

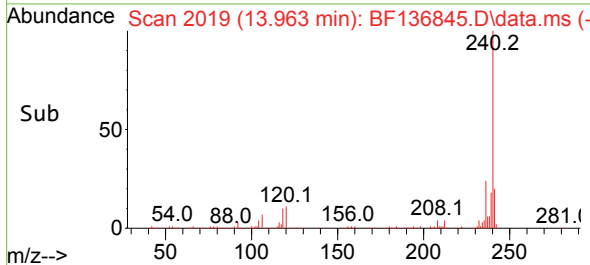
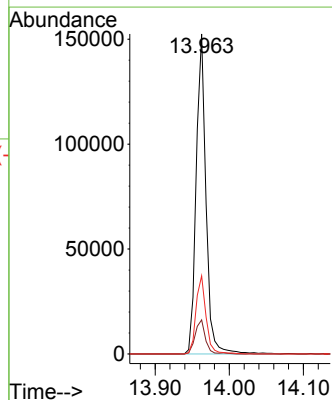
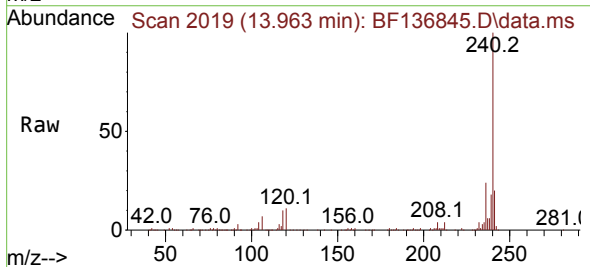
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

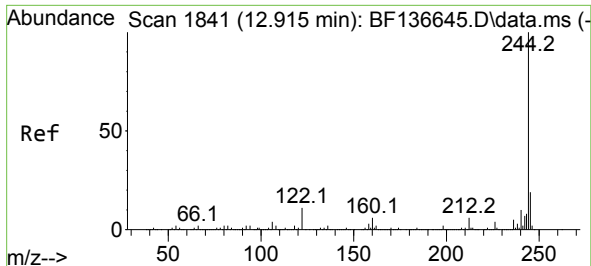
Tgt Ion:188 Resp: 264111
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:240 Resp: 140134
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 24.4 19.4 29.2

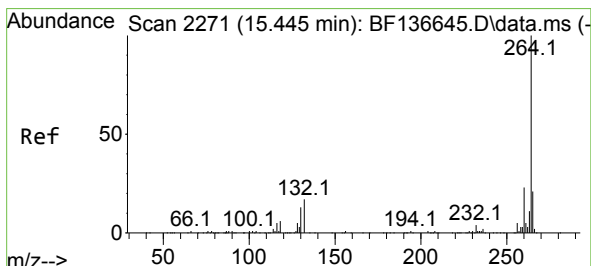
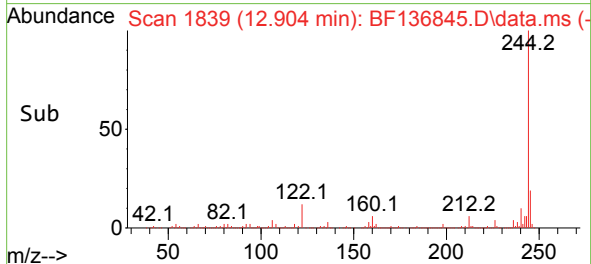
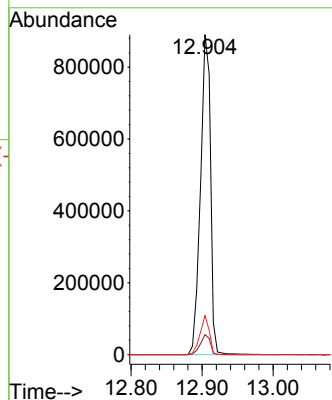
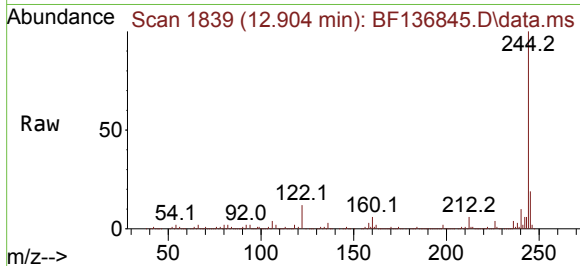




#79
 Terphenyl-d14
 Concen: 87.496 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.011 min
 Lab File: BF136845.D
 Acq: 30 Dec 2023 00:13

Instrument :
 BNA_F
 ClientSampleId :
 MR-315-0-2

Tgt Ion:244 Resp: 877389
 Ion Ratio Lower Upper
 244 100
 212 6.3 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: BF136845.D
 Acq: 30 Dec 2023 00:13

Tgt Ion:264 Resp: 141881
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 20.3 17.0 25.6

