

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136827.D
 Acq On : 29 Dec 2023 14:08
 Operator : CG\JU
 Sample : 05975-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023

Quant Time: Dec 29 14:26:37 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	82361	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	316487	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	166372	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	315383	20.000	ng	0.00
76) Chrysene-d12	13.962	240	190664	20.000	ng	0.00
86) Perylene-d12	15.445	264	167181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	300270	56.885	ng	0.00
7) Phenol-d6	6.422	99	232183	33.946	ng	-0.02
23) Nitrobenzene-d5	7.345	82	499420	80.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	225915	115.298	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	961851	77.758	ng	-0.01
79) Terphenyl-d14	12.910	244	1008653	73.929	ng	0.00

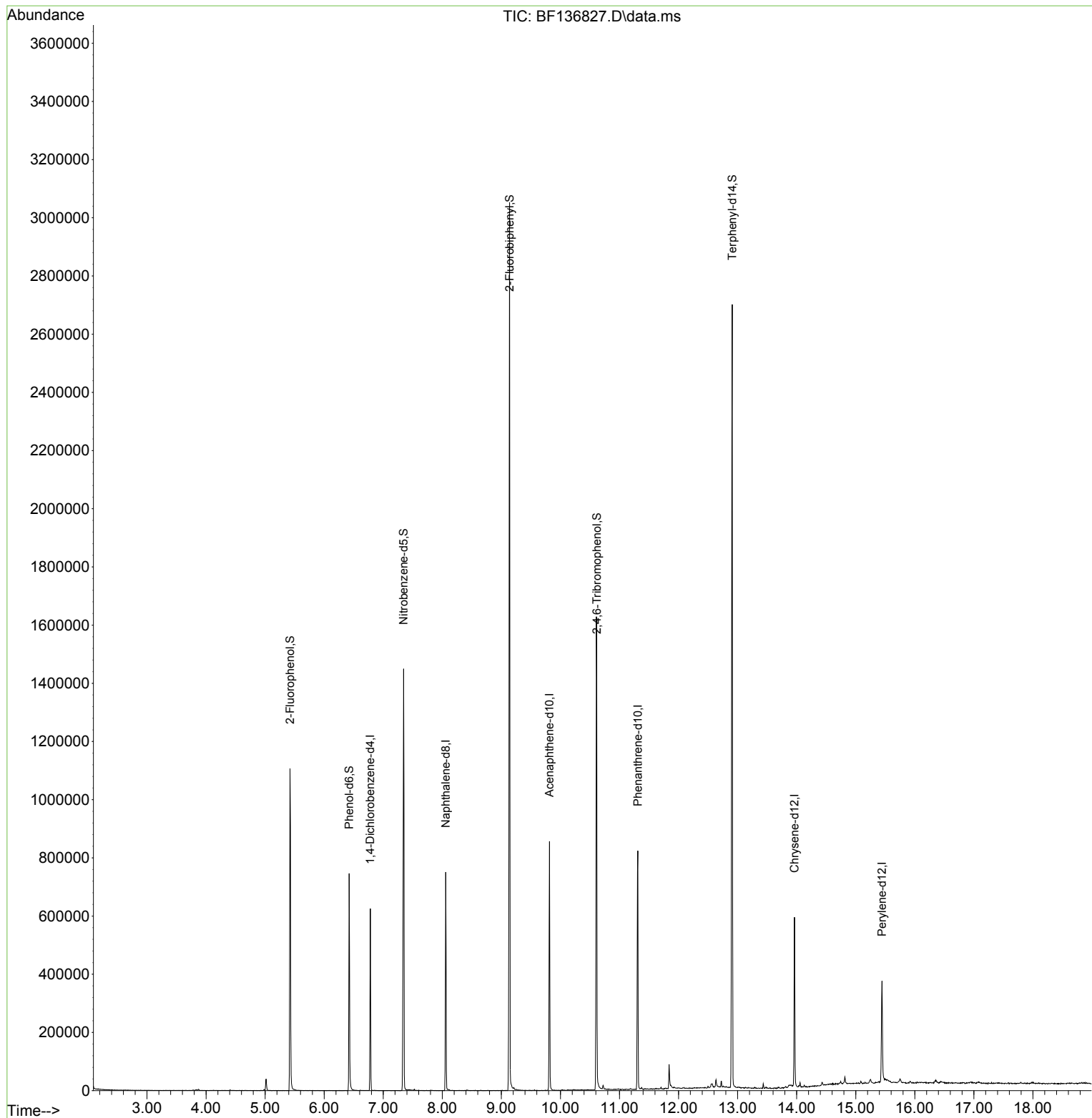
Target Compounds	Qvalue

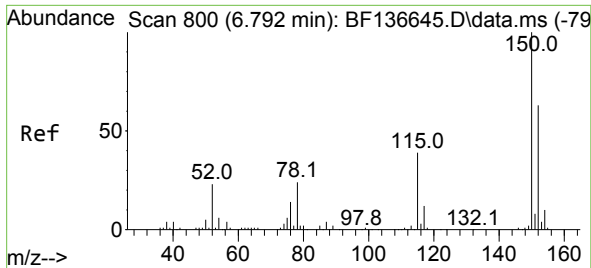
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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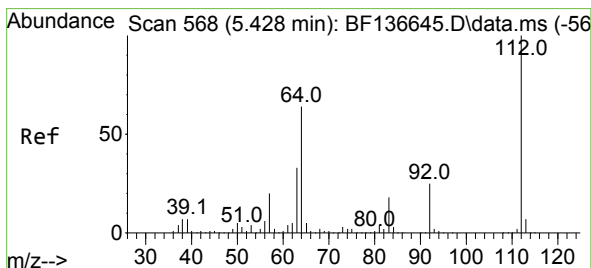
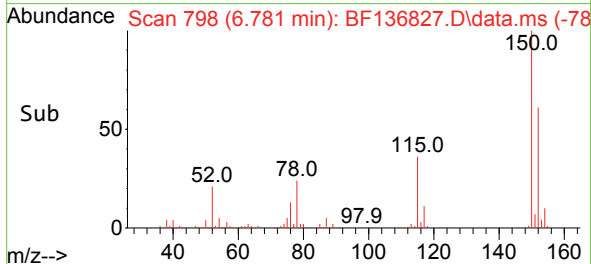
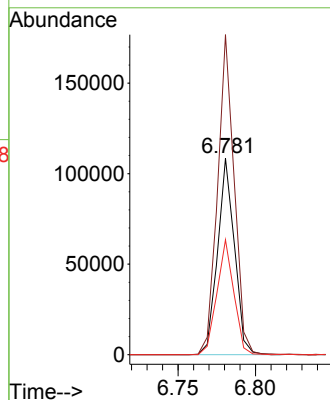
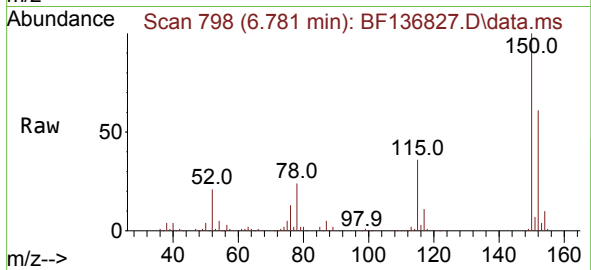




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

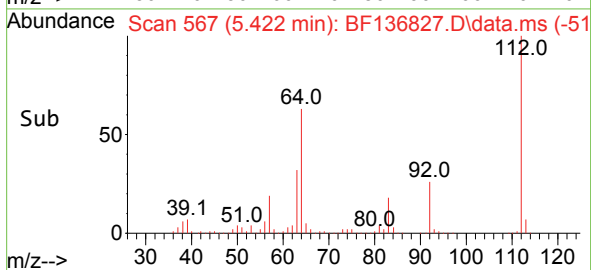
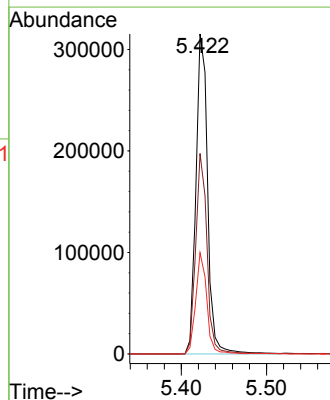
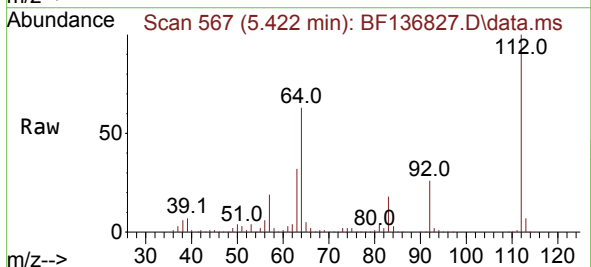
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

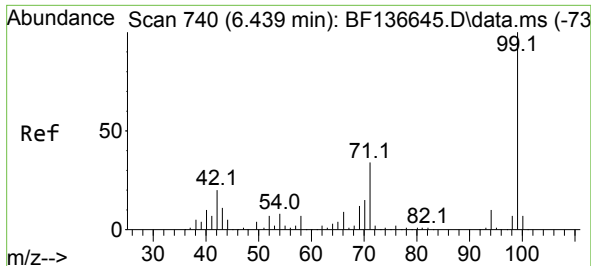
Tgt Ion:152 Resp: 82361
Ion Ratio Lower Upper
152 100
150 162.8 127.0 190.6
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 56.885 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion:112 Resp: 300270
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 31.7 26.1 39.1

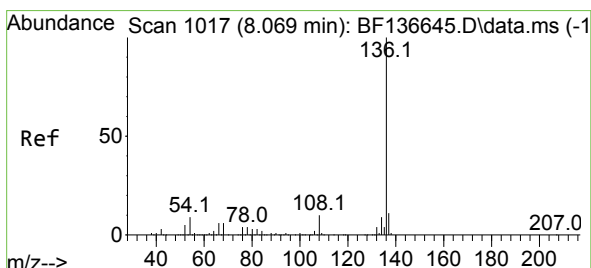
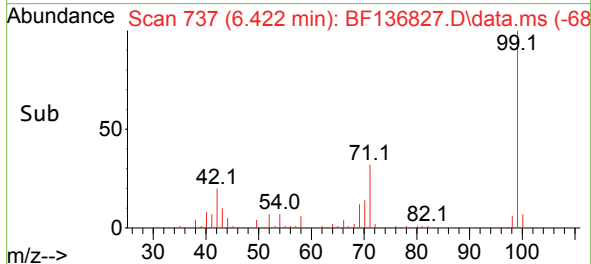
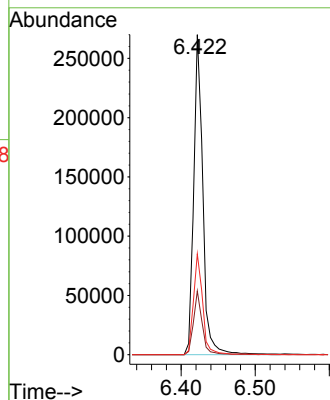
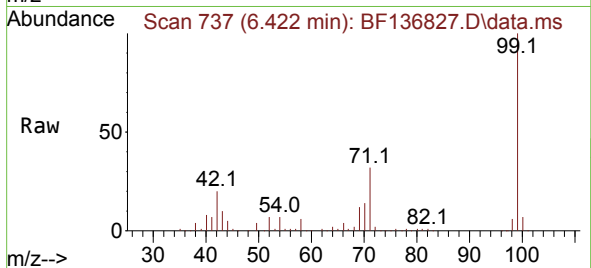




#7
Phenol-d6
Concen: 33.946 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

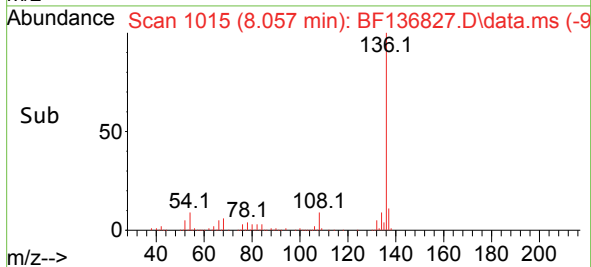
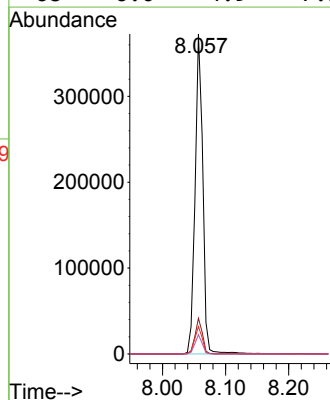
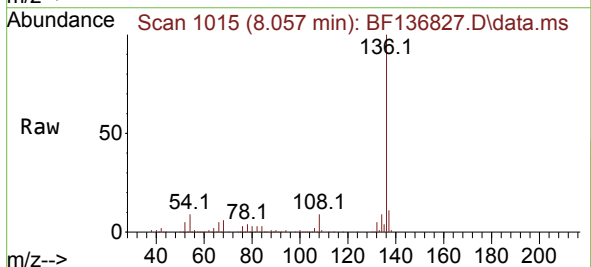
Instrument :
BNA_F
ClientSampleId :
MW-7-122023

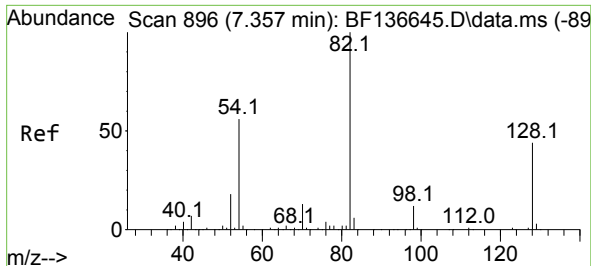
Tgt Ion: 99 Resp: 232183
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 31.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion: 136 Resp: 316487
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.6 7.2 10.8
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.749 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136827.D

Acq: 29 Dec 2023 14:08

Instrument :

BNA_F

ClientSampleId :

MW-7-122023

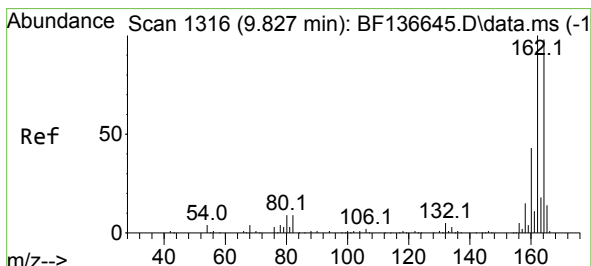
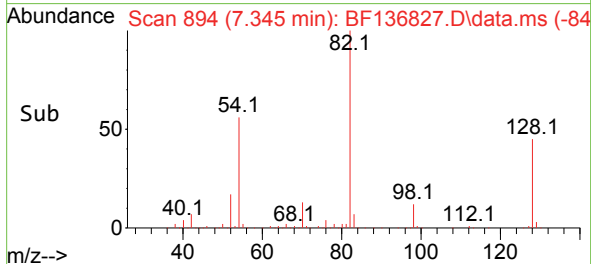
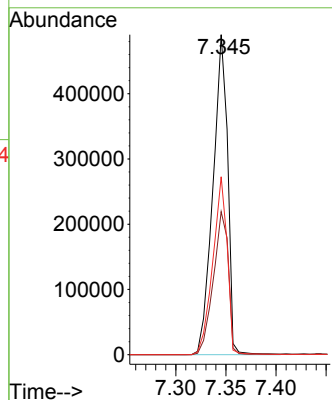
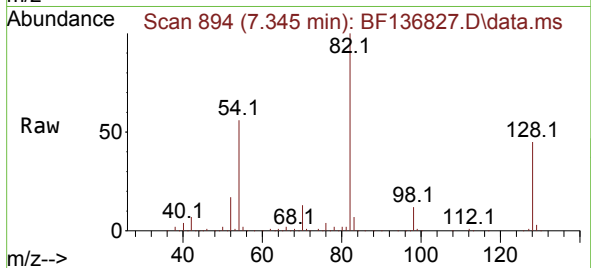
Tgt Ion: 82 Resp: 499420

Ion Ratio Lower Upper

82 100

128 44.7 35.3 52.9

54 55.6 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: BF136827.D

Acq: 29 Dec 2023 14:08

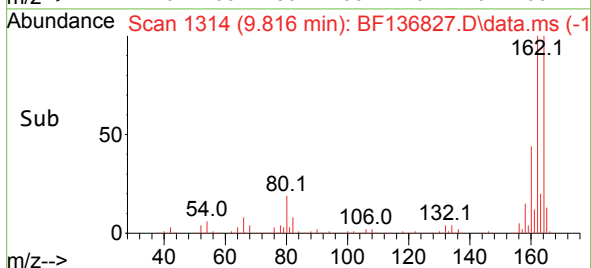
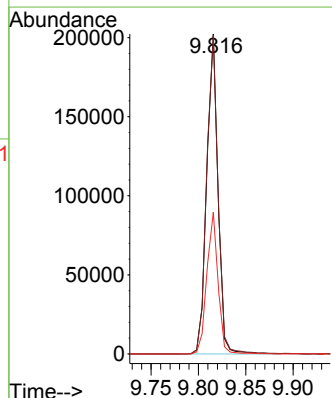
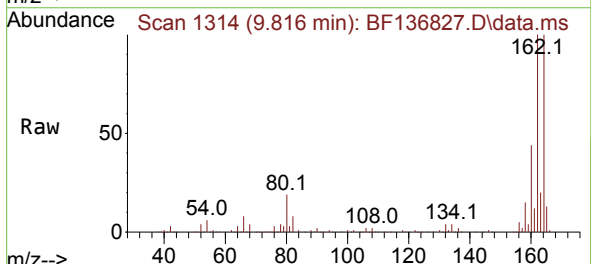
Tgt Ion:164 Resp: 166372

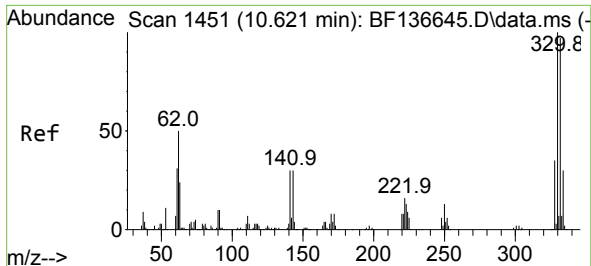
Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

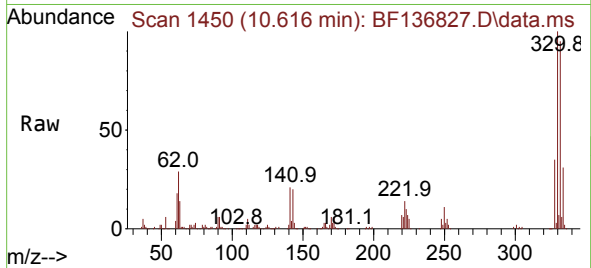
160 44.3 34.9 52.3



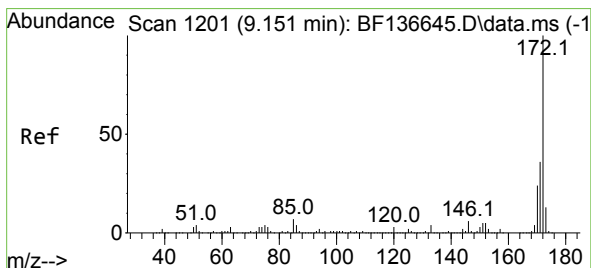
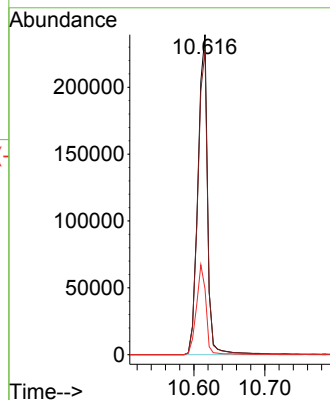
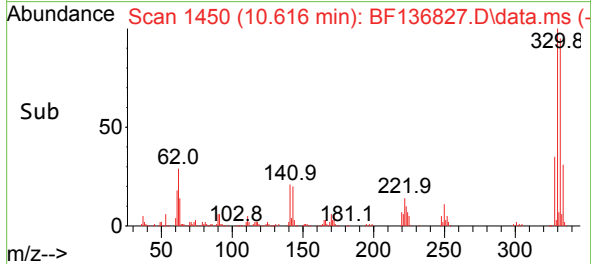


#42
2,4,6-Tribromophenol
Concen: 115.298 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Instrument :
BNA_F
ClientSampleId :
MW-7-122023

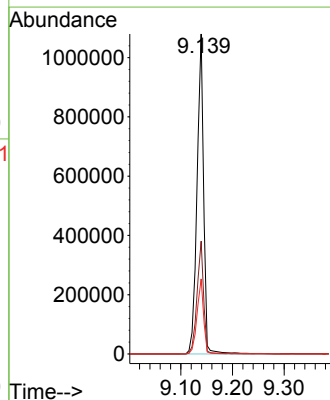
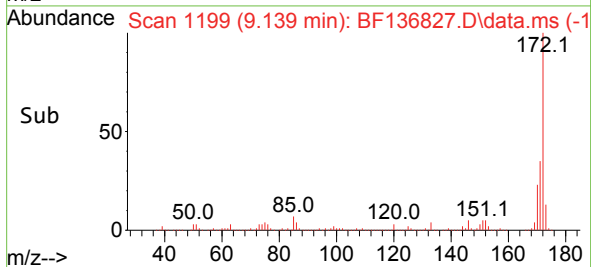
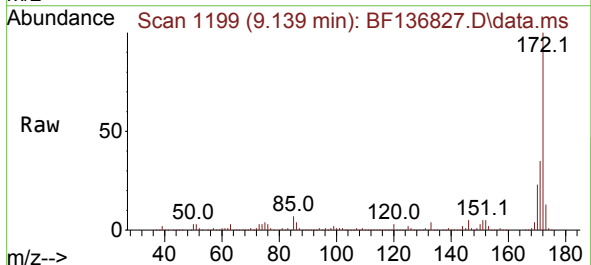


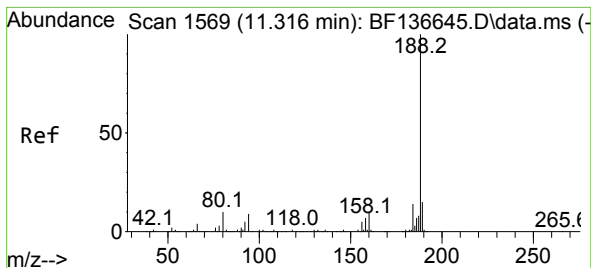
Tgt Ion: 330 Resp: 225915
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 77.758 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136827.D
Acq: 29 Dec 2023 14:08

Tgt Ion: 172 Resp: 961851
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136827.D

Acq: 29 Dec 2023 14:08

Instrument :

BNA_F

ClientSampleId :

MW-7-122023

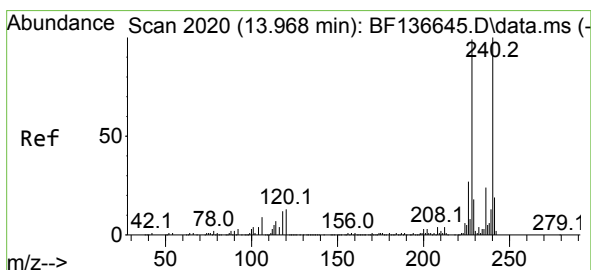
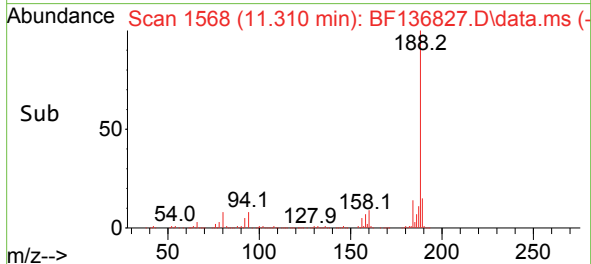
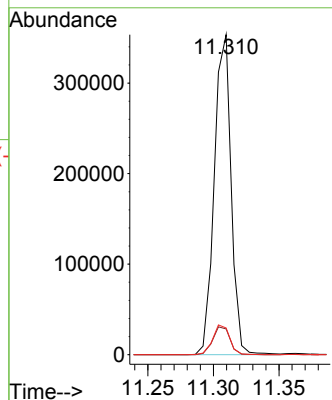
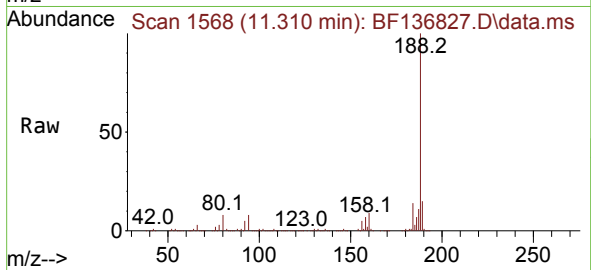
Tgt Ion:188 Resp: 315383

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

80 8.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136827.D

Acq: 29 Dec 2023 14:08

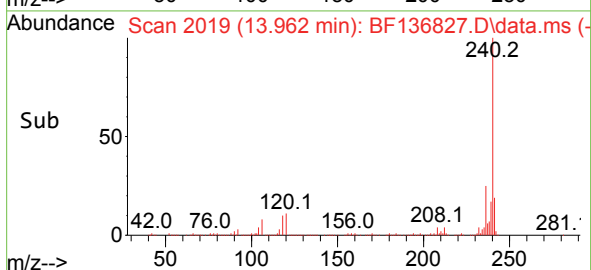
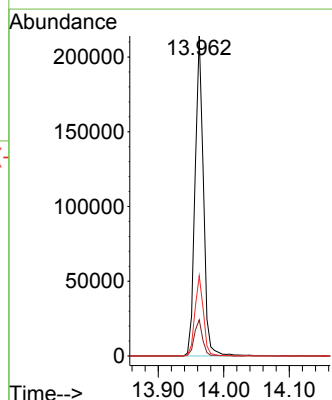
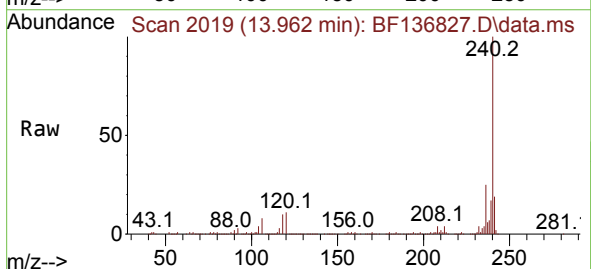
Tgt Ion:240 Resp: 190664

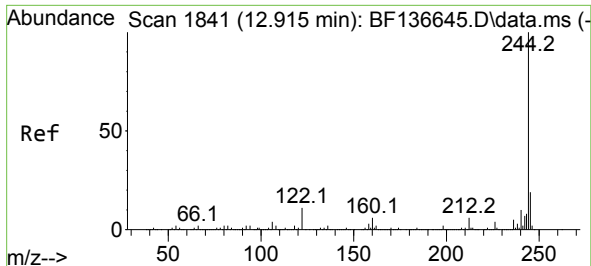
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

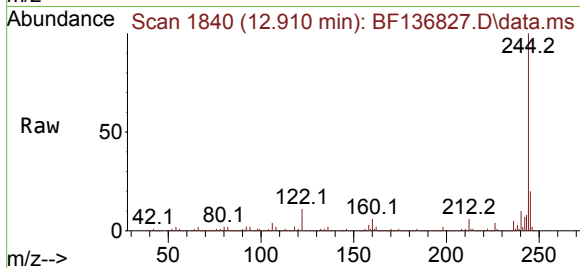
236 25.1 19.4 29.2





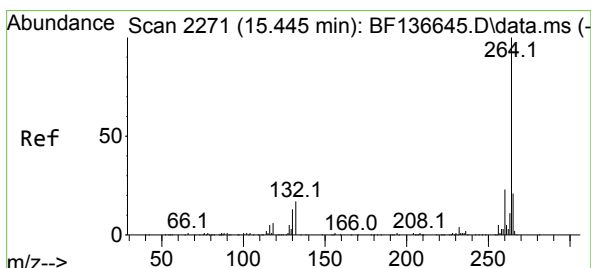
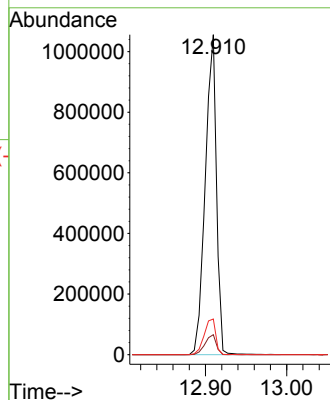
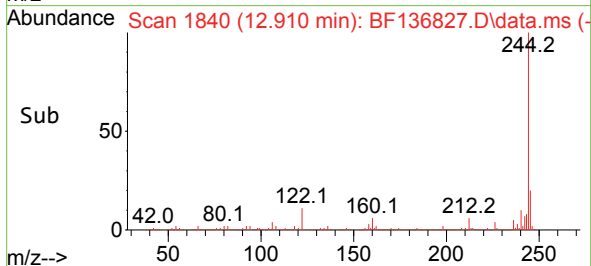
#79
 Terphenyl-d14
 Concen: 73.929 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136827.D
 Acq: 29 Dec 2023 14:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-122023

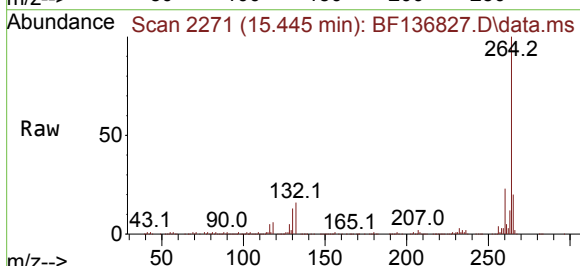


Tgt Ion:244 Resp: 1008653

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	11.2	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: BF136827.D
 Acq: 29 Dec 2023 14:08



Tgt Ion:264 Resp: 167181

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.4	17.0	25.6

