

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140493.D
 Acq On : 20 Nov 2024 11:49
 Operator : RC/JU
 Sample : P4868-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP100-20241114

Quant Time: Nov 20 12:16:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

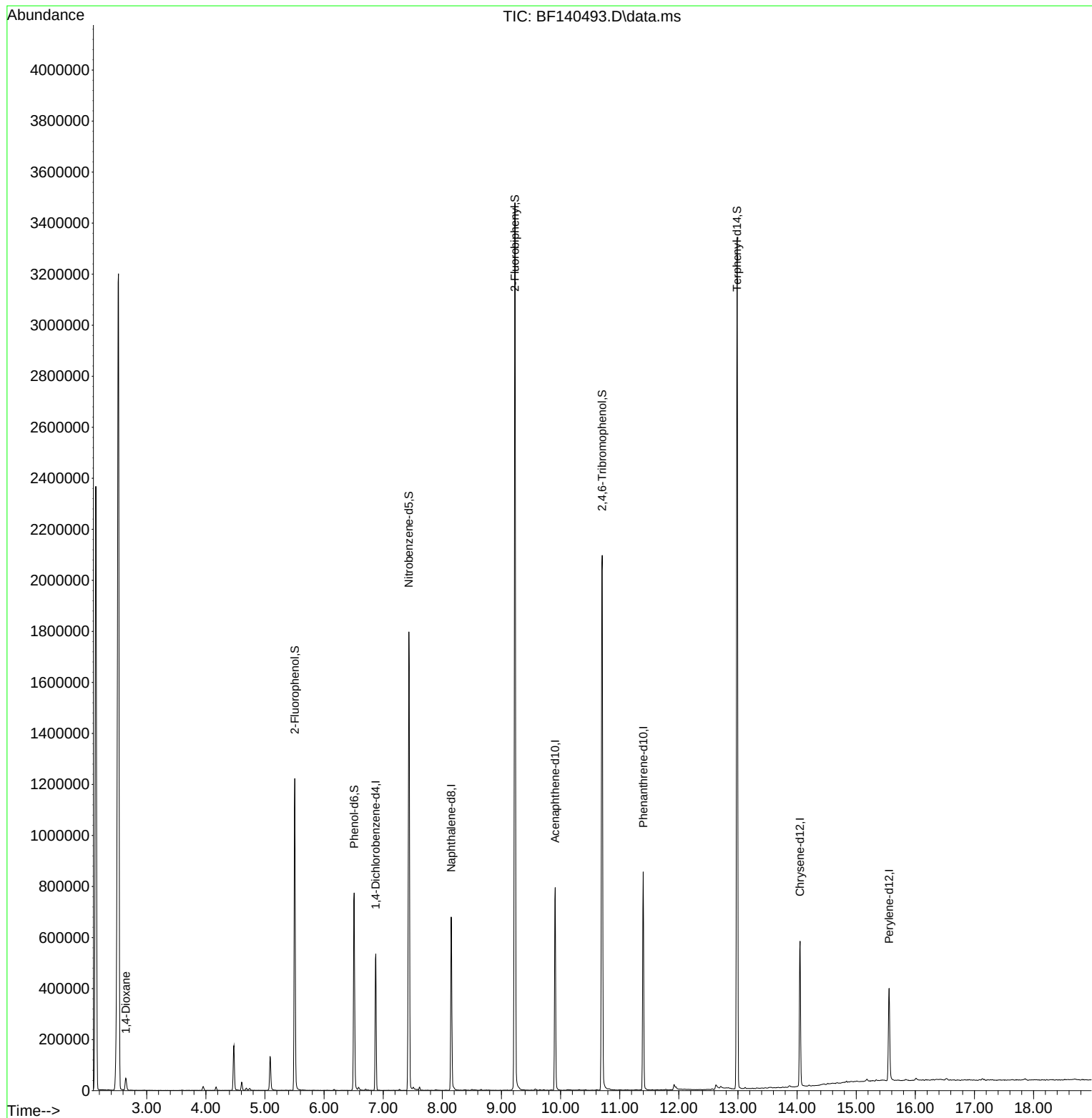
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115090	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438706	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246450	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	461031	20.000	ng	0.00
76) Chrysene-d12	14.051	240	281660	20.000	ng	0.00
86) Perylene-d12	15.556	264	215486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	463650	68.783	ng	0.01
7) Phenol-d6	6.510	99	379613	41.567	ng	0.00
23) Nitrobenzene-d5	7.433	82	878803	104.371	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	392402	160.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1571042	102.476	ng	0.00
79) Terphenyl-d14	12.986	244	1665498	102.640	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.646	88	28819	9.593	ng	Qvalue 99

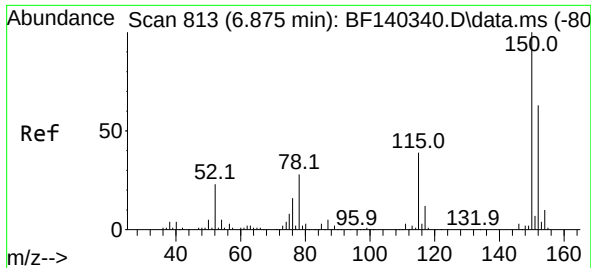
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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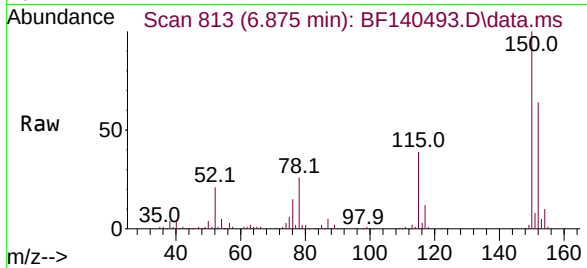
Quant Time: Nov 20 12:16:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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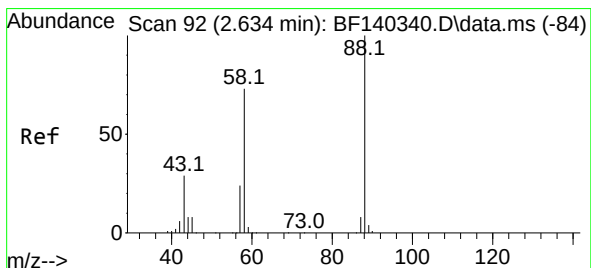
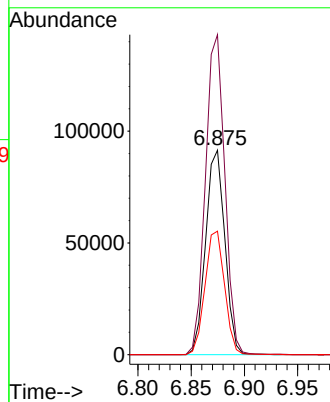
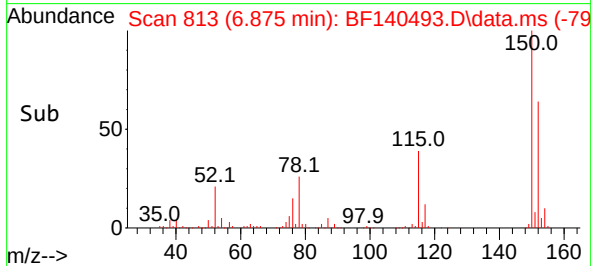


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

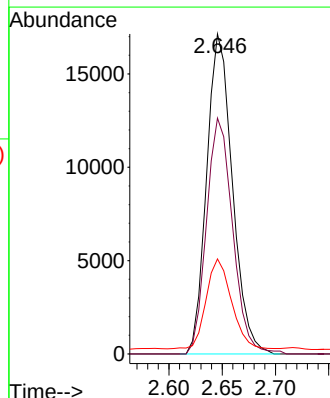
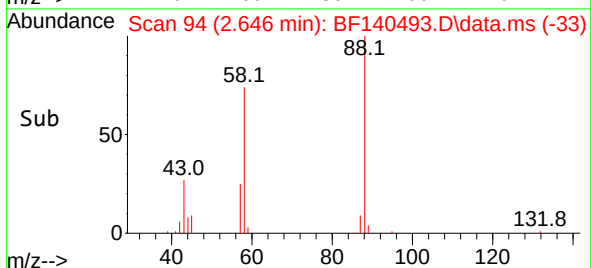
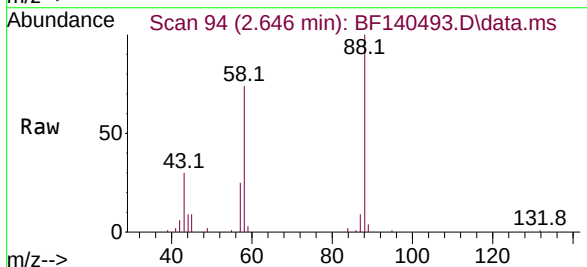


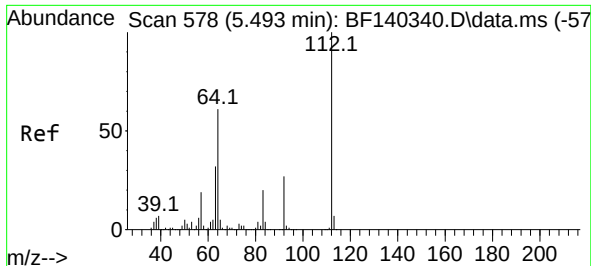
Tgt Ion:152 Resp: 115090
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 60.4 47.4 71.2



#2
1,4-Dioxane
Concen: 9.593 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion: 88 Resp: 28819
Ion Ratio Lower Upper
88 100
58 74.8 59.5 89.3
43 27.6 23.4 35.2

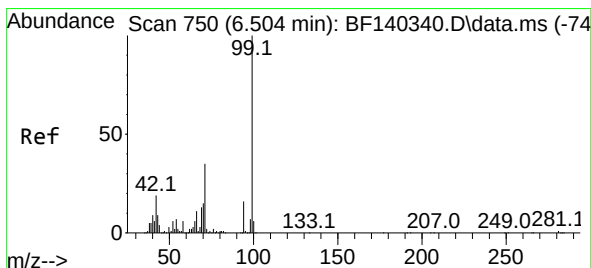
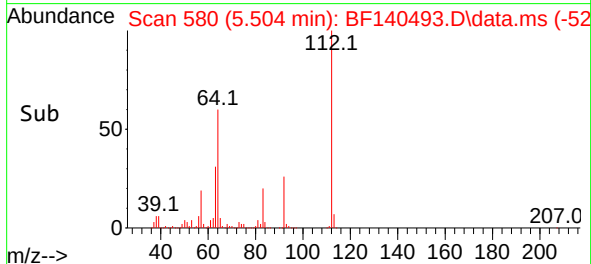
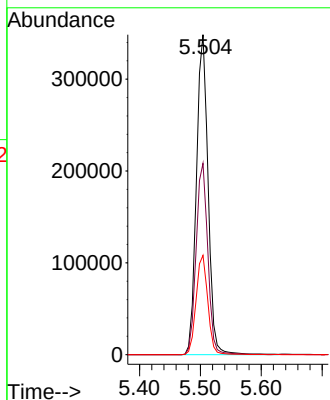
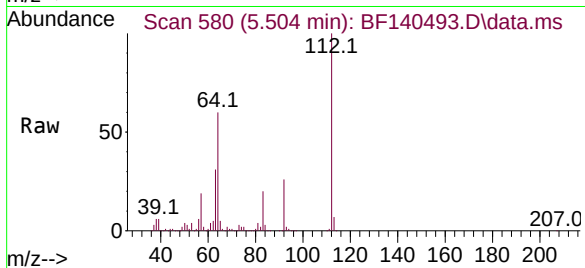




#5
2-Fluorophenol
Concen: 68.783 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

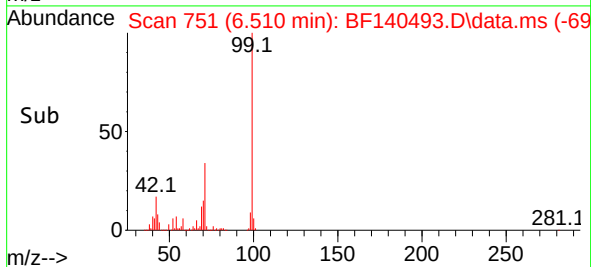
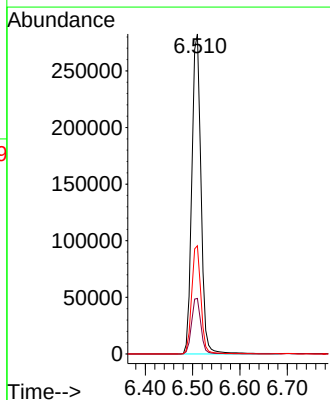
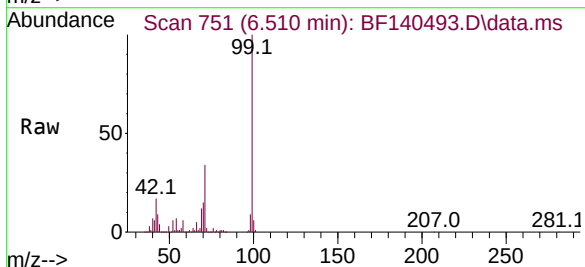
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

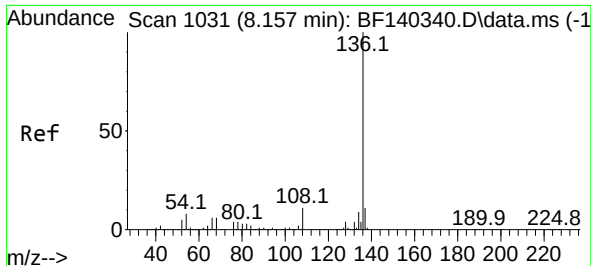
Tgt Ion:112 Resp: 463650
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.1 25.6 38.4



#7
Phenol-d6
Concen: 41.567 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion: 99 Resp: 379613
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 33.8 27.9 41.9



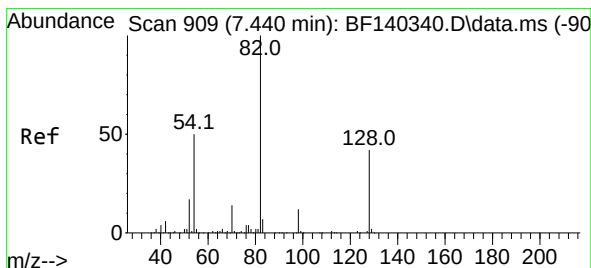
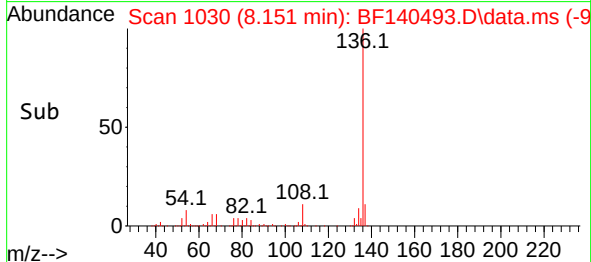
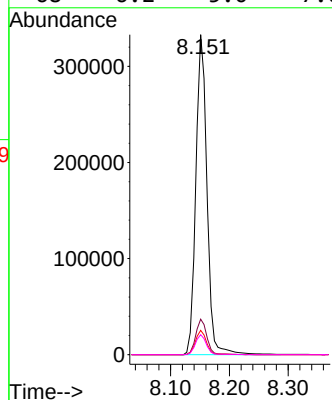
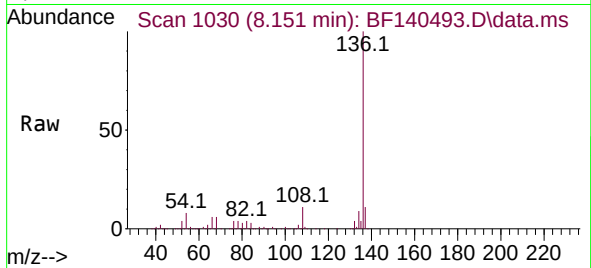


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

Tgt Ion:136 Resp: 438706

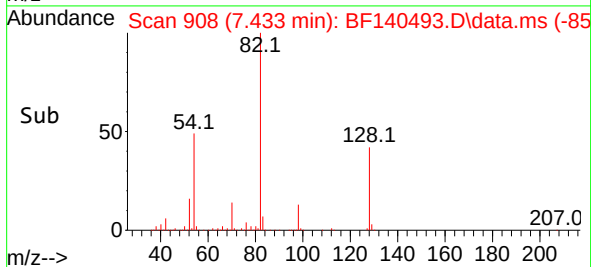
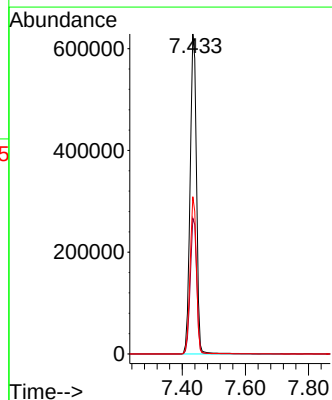
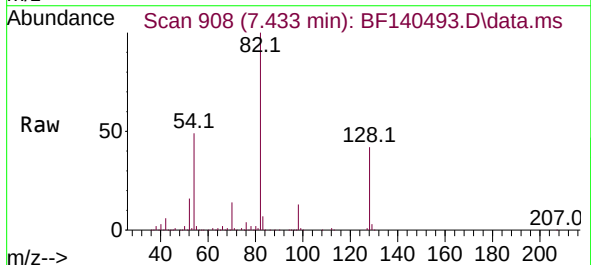
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.6	6.5	9.7
68	6.2	5.0	7.6

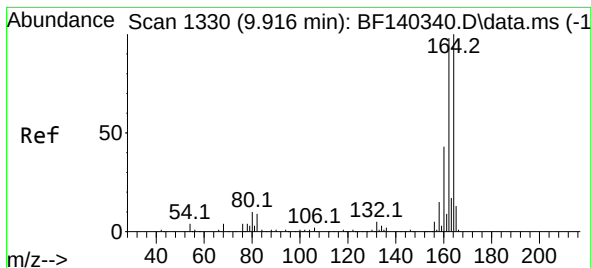


#23
Nitrobenzene-d5
Concen: 104.371 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion: 82 Resp: 878803

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	49.1	39.8	59.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

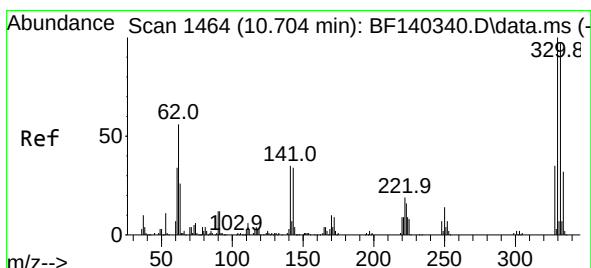
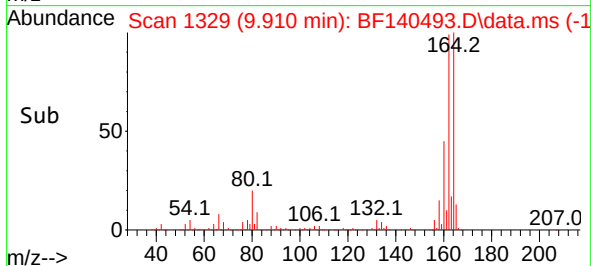
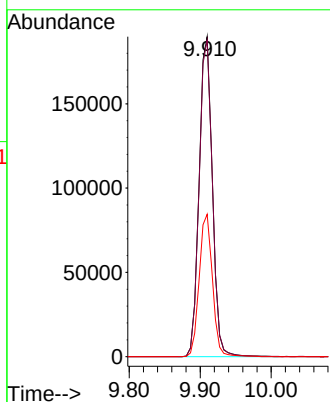
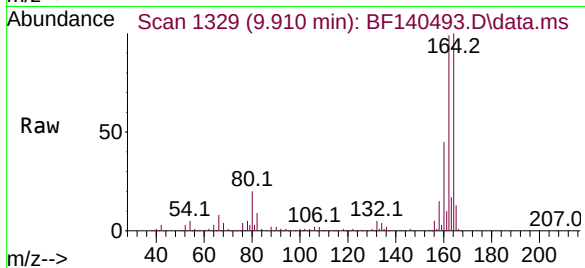
Tgt Ion:164 Resp: 246450

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 160.115 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

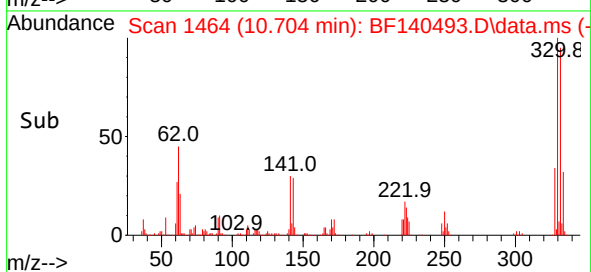
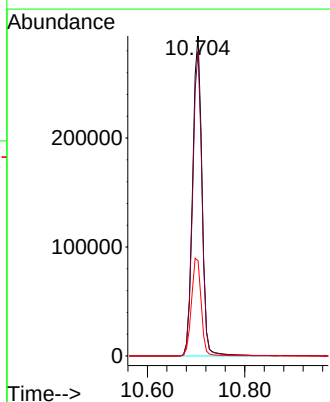
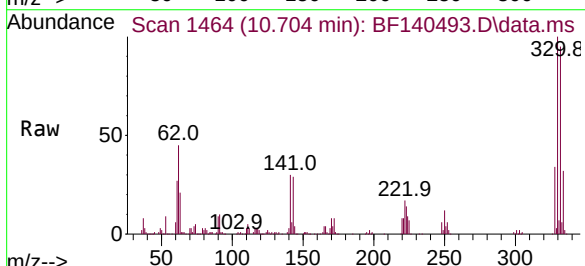
Tgt Ion:330 Resp: 392402

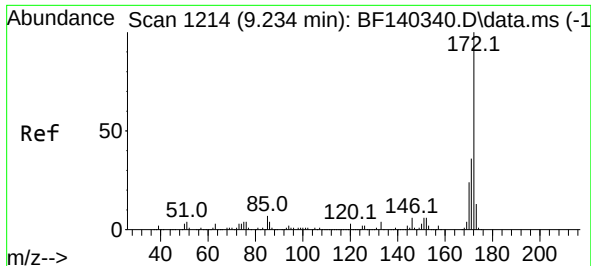
Ion Ratio Lower Upper

330 100

332 95.3 75.9 113.9

141 31.9 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 102.476 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

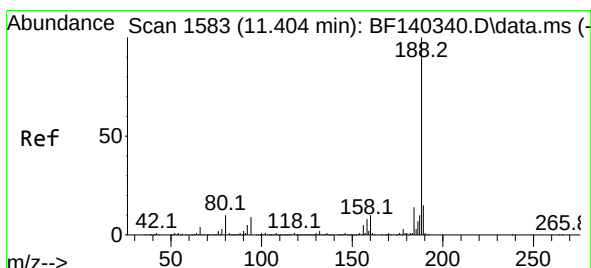
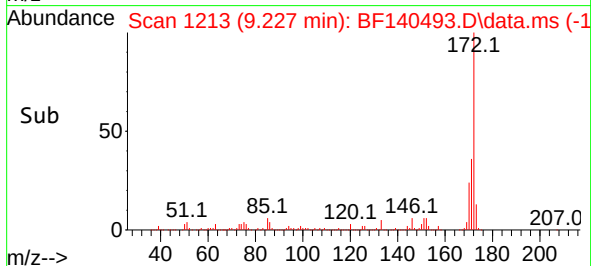
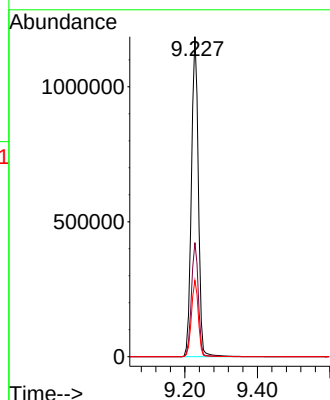
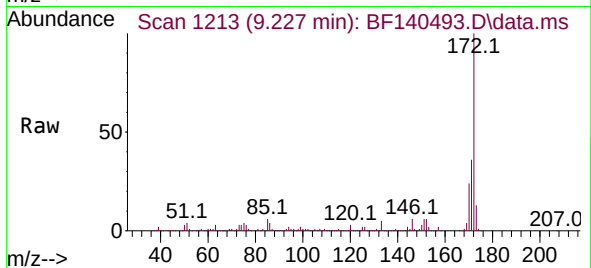
Tgt Ion:172 Resp: 1571042

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.9 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

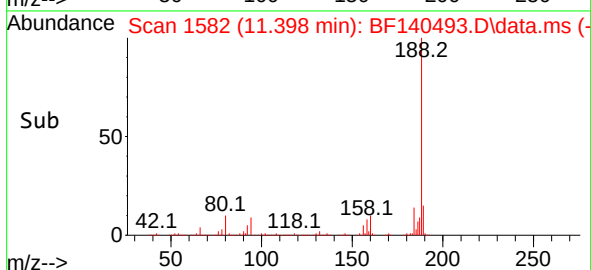
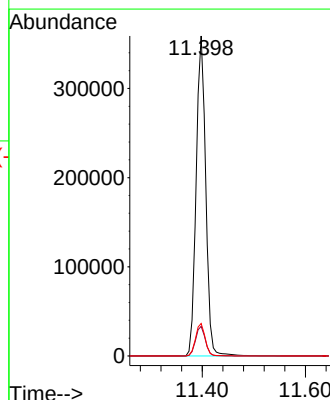
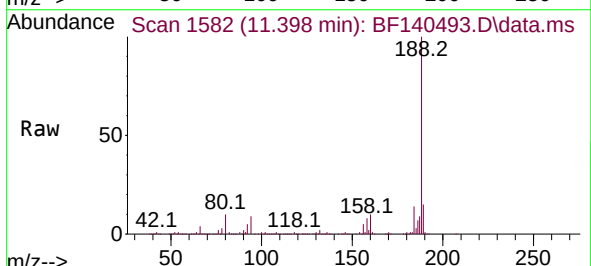
Tgt Ion:188 Resp: 461031

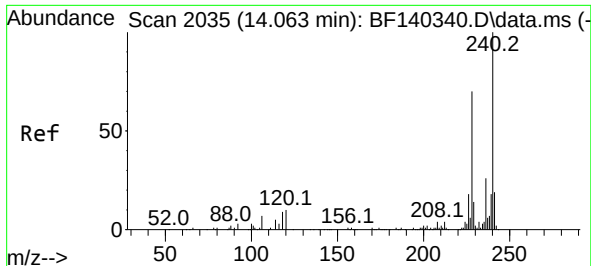
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

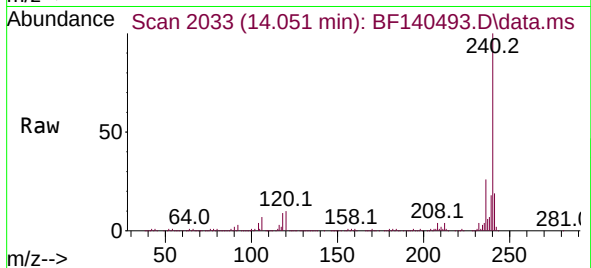
80 10.1 8.0 12.0



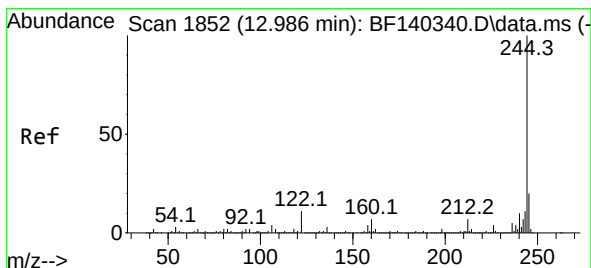
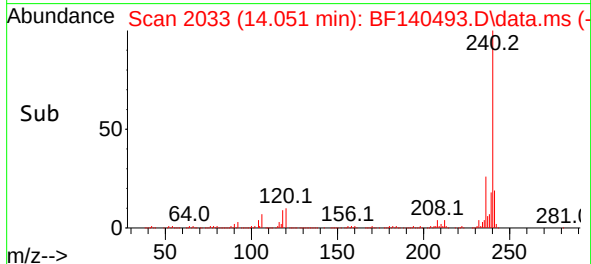
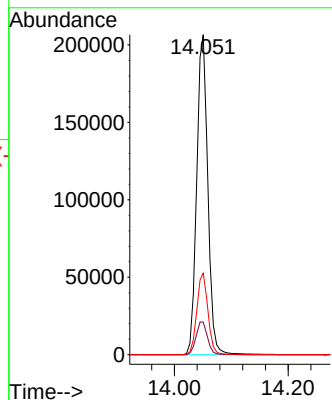


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

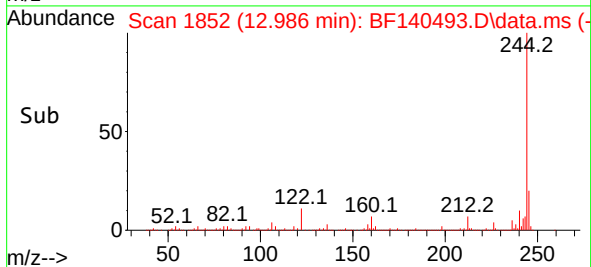
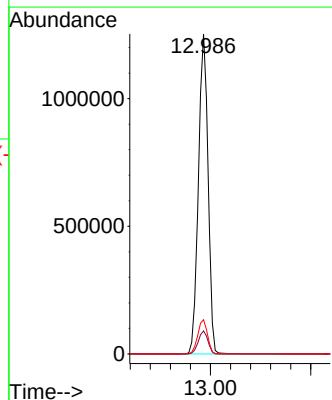
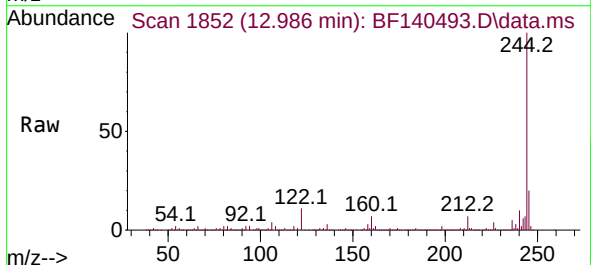


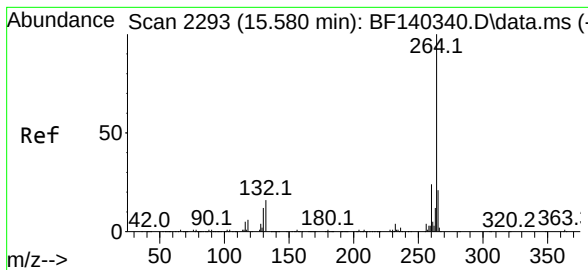
Tgt Ion:240 Resp: 281660
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 102.640 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion:244 Resp: 1665498
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140493.D
 Acq: 20 Nov 2024 11:49

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP100-20241114

Tgt Ion:264	Resp:	215486
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.2 28.8
265	20.9	17.1 25.7

