

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140789.D
 Acq On : 09 Dec 2024 14:58
 Operator : RC/JU
 Sample : PB165390TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165390TB

Quant Time: Dec 09 16:21:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

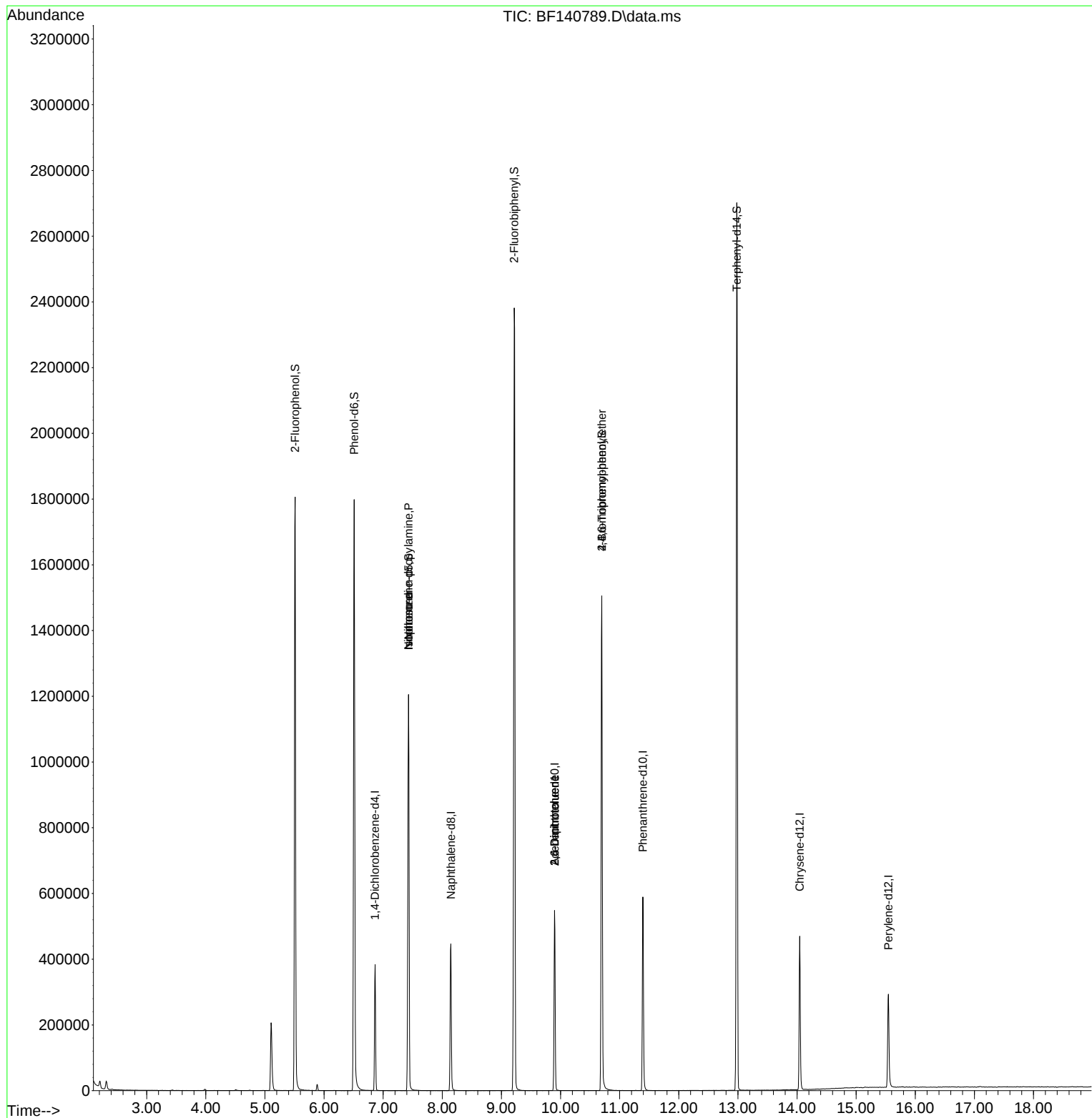
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81916	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	312242	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	173398	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	343254	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	238978	20.000	ng	0.00
86) Perylene-d12	15.545	264	186251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	716618	149.263	ng	0.01
7) Phenol-d6	6.510	99	930847	146.657	ng	0.00
23) Nitrobenzene-d5	7.428	82	600096	98.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	282961	152.580	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1172778	100.772	ng	-0.02
79) Terphenyl-d14	12.980	244	1392656	90.743	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	80917	21.571	ng	# 75
25) Isophorone	7.428	82	595247	58.463	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22132	8.545	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	22132	6.430	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	18068	5.111	ng	# 1

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

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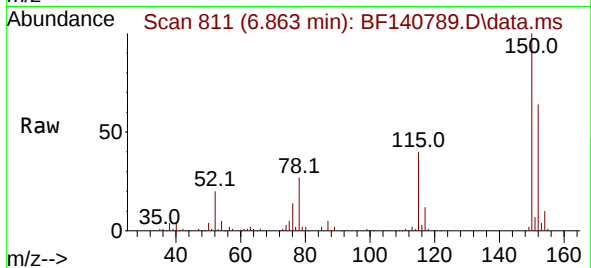
Quant Time: Dec 09 16:21:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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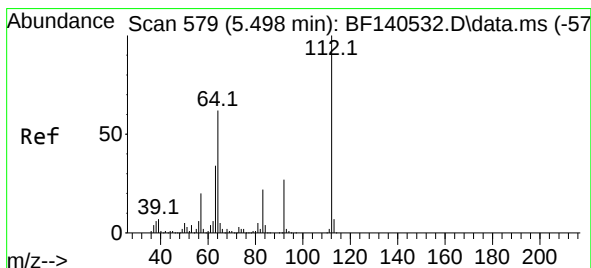
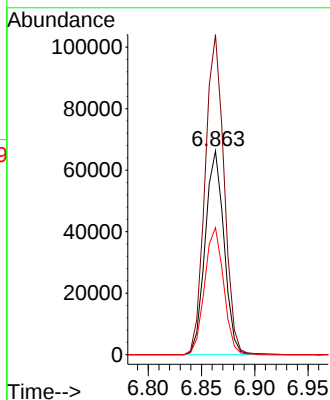
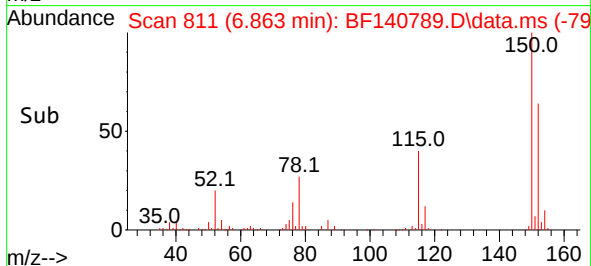


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB165390TB

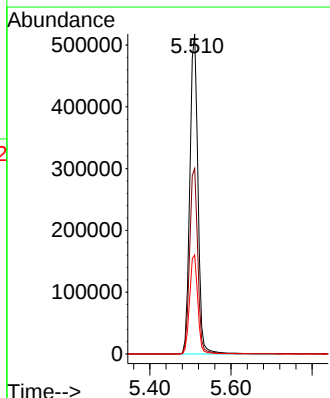
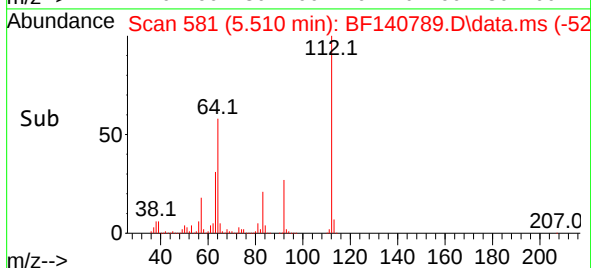
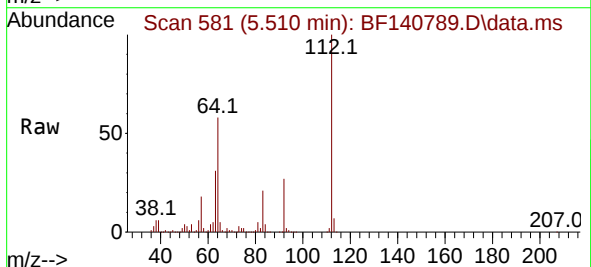


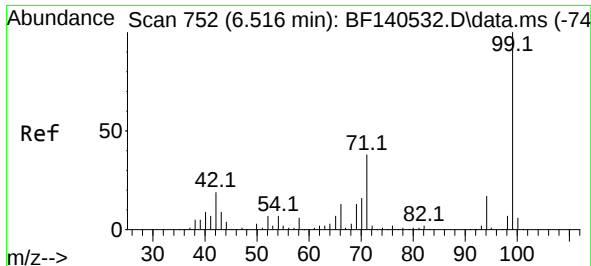
Tgt Ion:152 Resp: 81916
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 149.263 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion:112 Resp: 716618
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.9 27.0 40.4

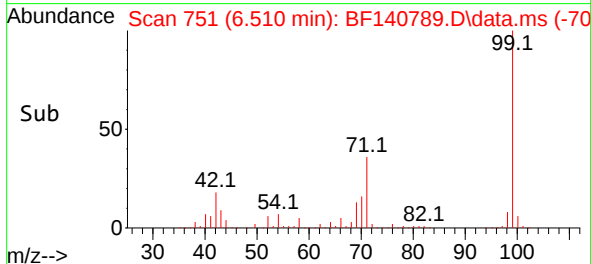
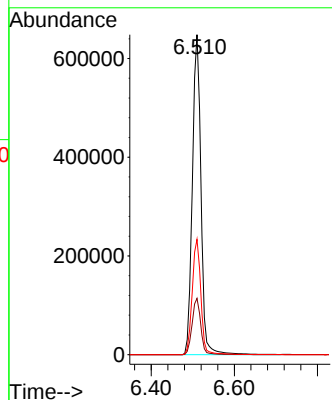
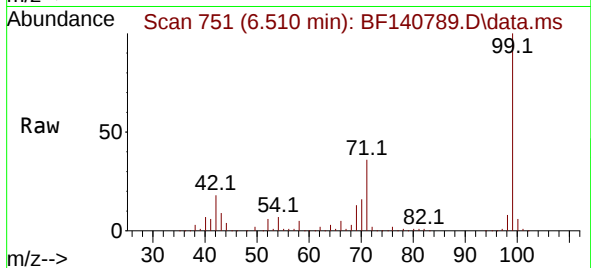




#7
Phenol-d6
Concen: 146.657 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

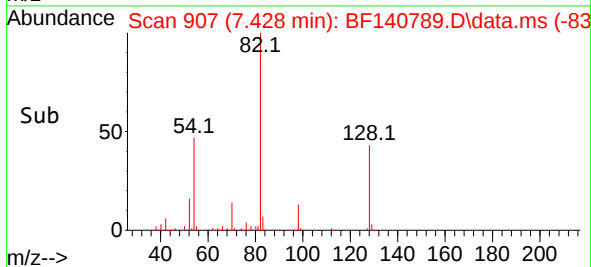
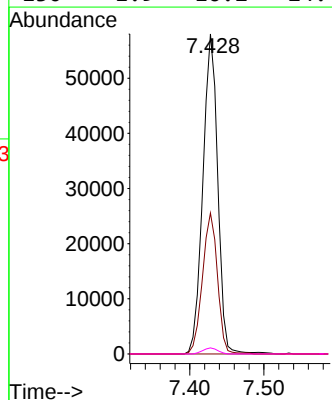
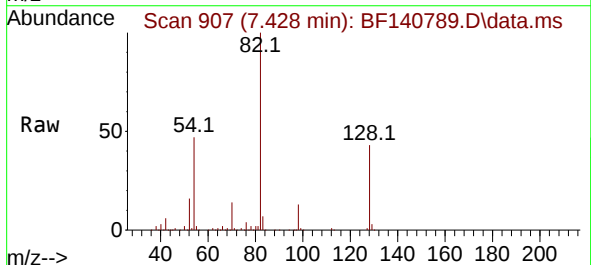
Instrument :
BNA_F
ClientSampleId :
PB165390TB

Tgt Ion: 99 Resp: 930847
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.571 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion: 70 Resp: 80917
Ion Ratio Lower Upper
70 100
42 44.0 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



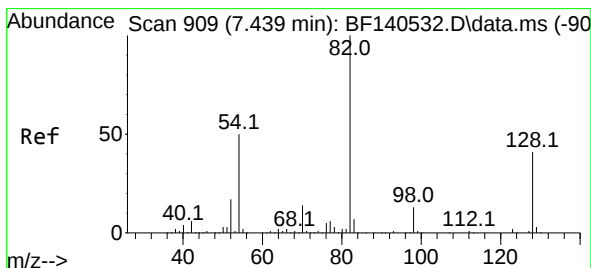
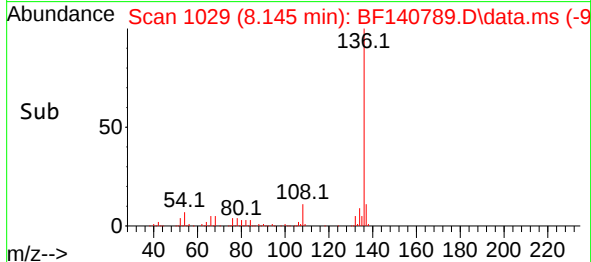
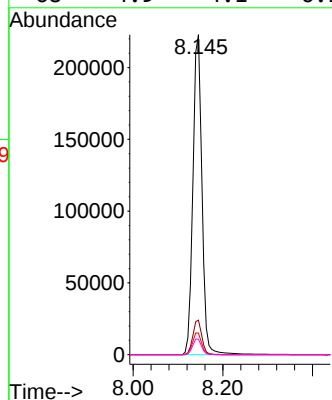
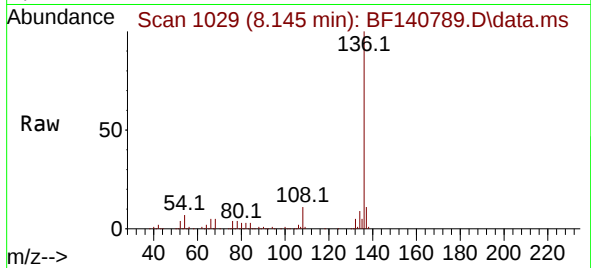


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB165390TB

Tgt Ion:136 Resp: 312242

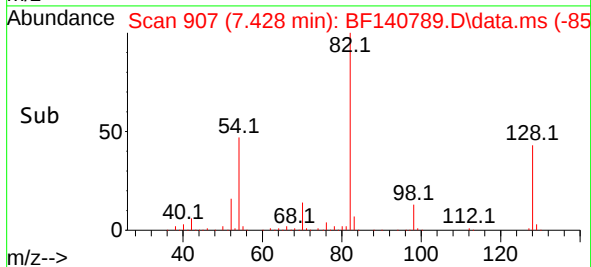
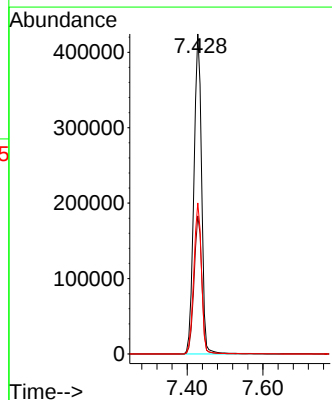
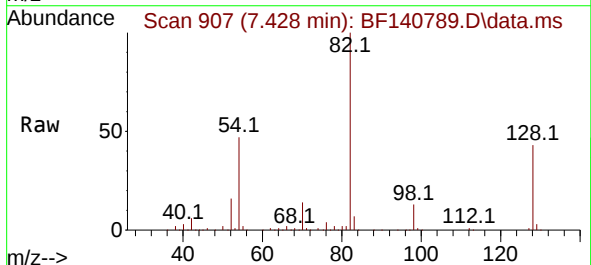
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 98.305 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion: 82 Resp: 600096

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	47.2	39.5	59.3

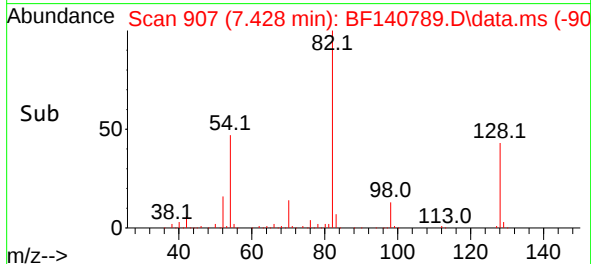
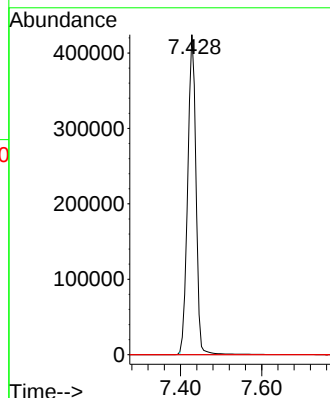
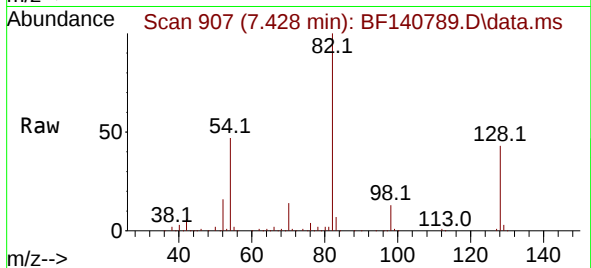




#25
Isophorone
Concen: 58.463 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

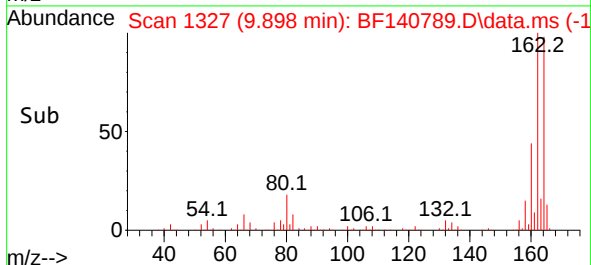
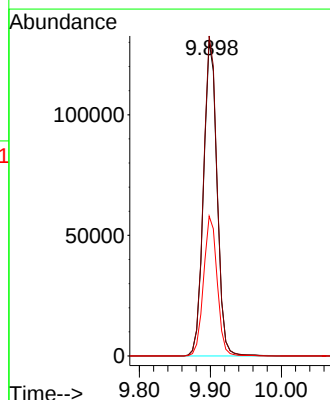
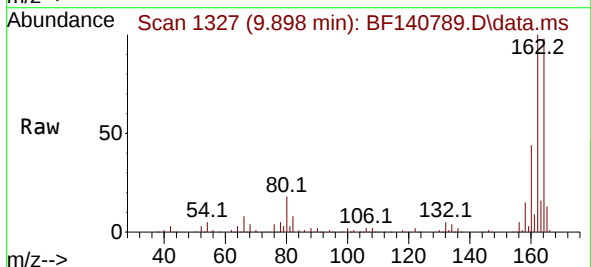
Instrument :
BNA_F
ClientSampleId :
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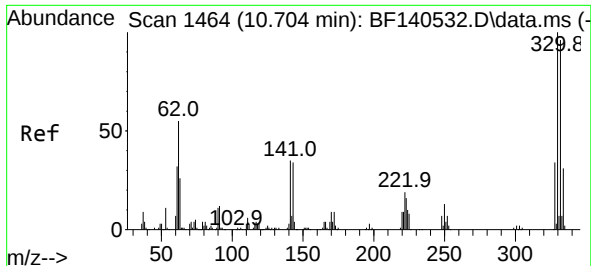
Tgt Ion: 82 Resp: 595247
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

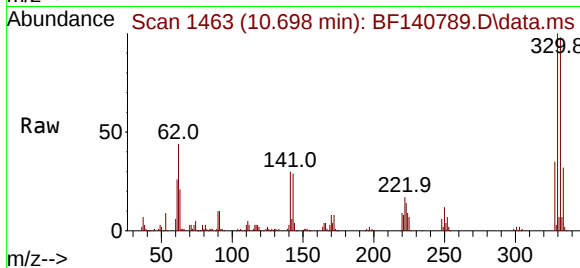
Tgt Ion:164 Resp: 173398
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.4 36.2 54.4



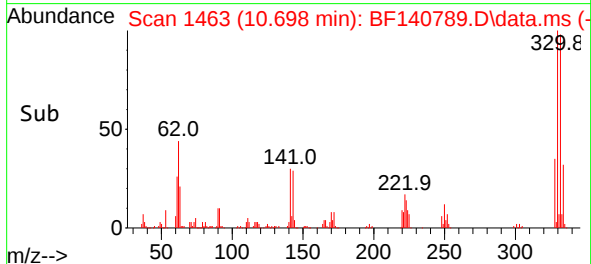
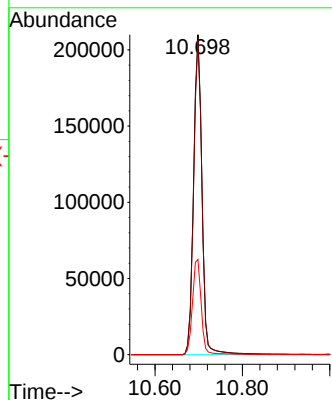


#42
2,4,6-Tribromophenol
Concen: 152.580 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB165390TB

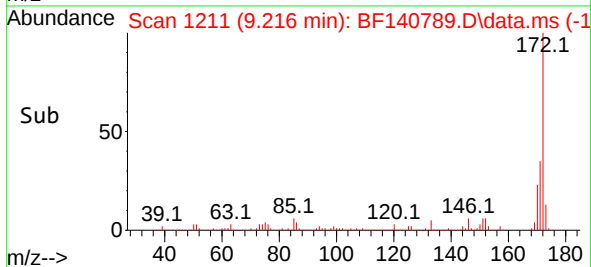
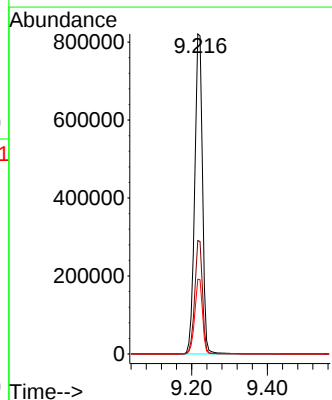
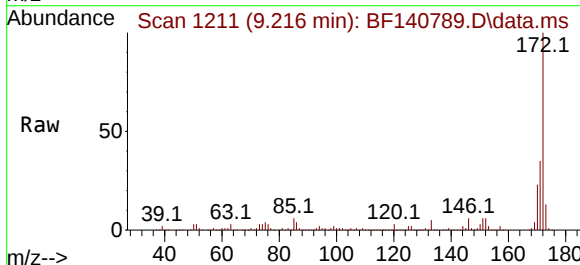


Tgt Ion:330 Resp: 282961
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 31.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 100.772 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion:172 Resp: 1172778
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.545 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB

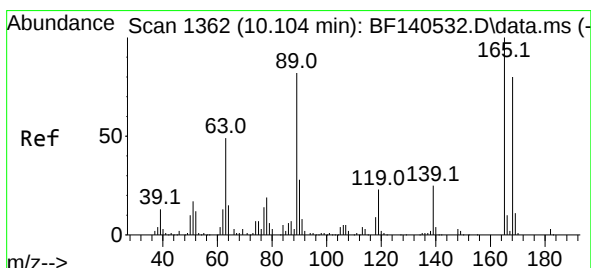
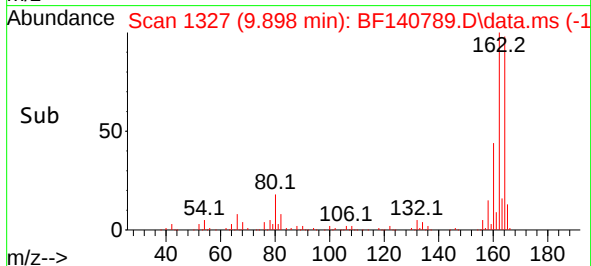
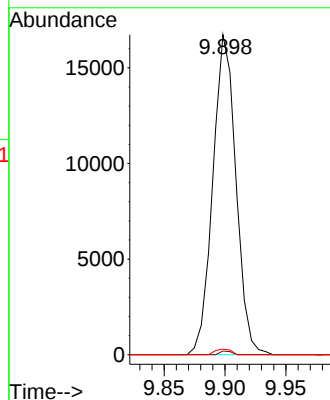
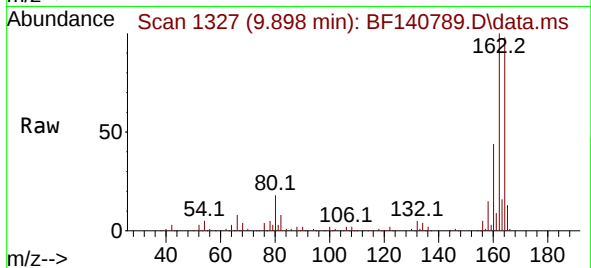
Tgt Ion:165 Resp: 22132

Ion Ratio Lower Upper

165 100

63 1.2 49.9 74.9#

89 1.8 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.430 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.206 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Tgt Ion:165 Resp: 22132

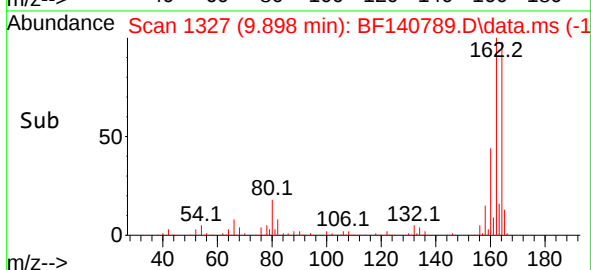
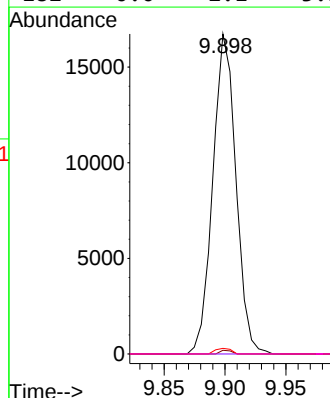
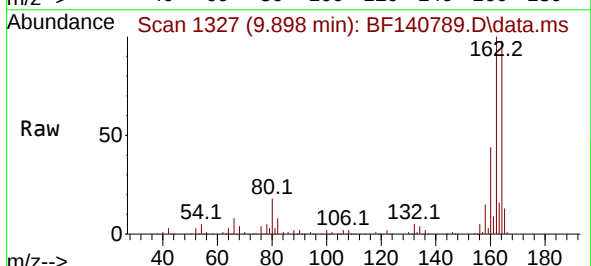
Ion Ratio Lower Upper

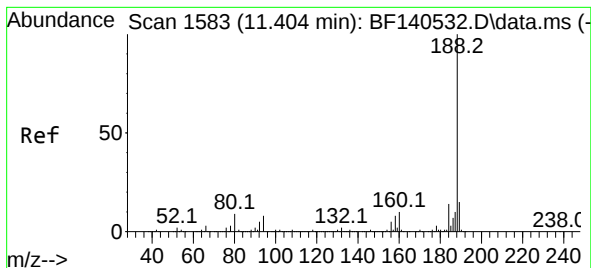
165 100

63 1.2 41.7 62.5#

89 1.8 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB

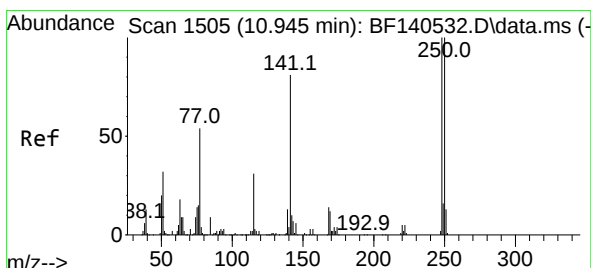
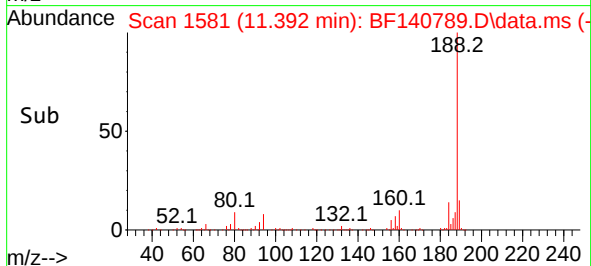
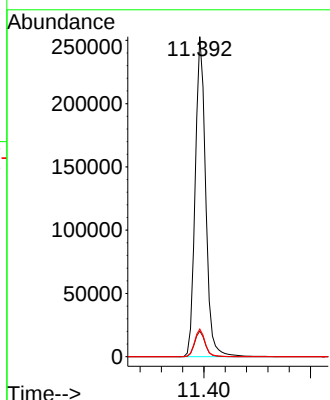
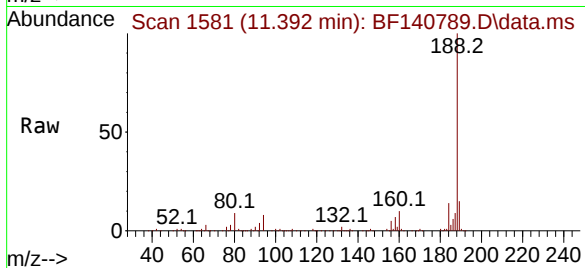
Tgt Ion:188 Resp: 343254

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.7 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.111 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

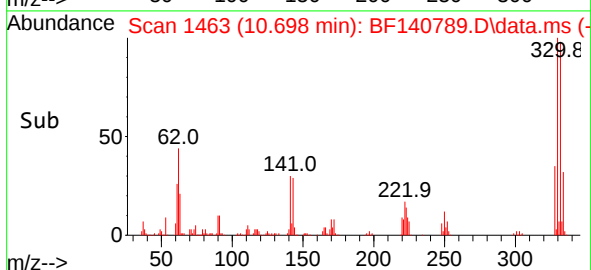
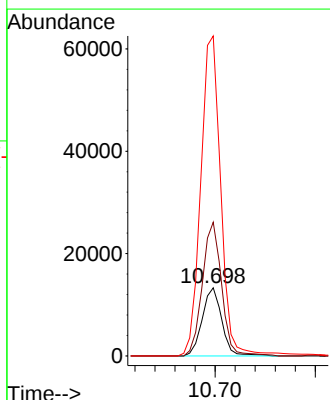
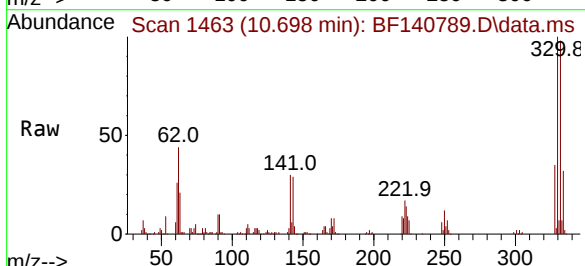
Tgt Ion:248 Resp: 18068

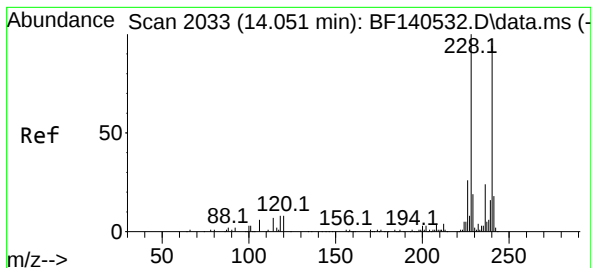
Ion Ratio Lower Upper

248 100

250 196.4 79.8 119.8#

141 469.8 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB

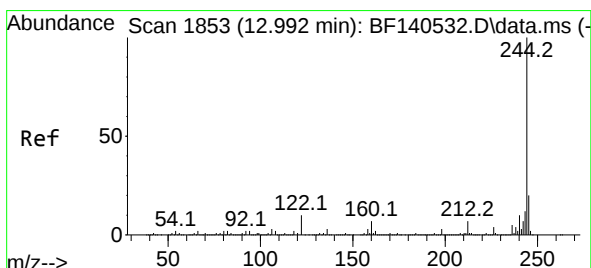
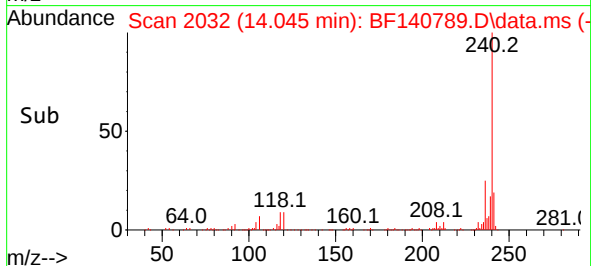
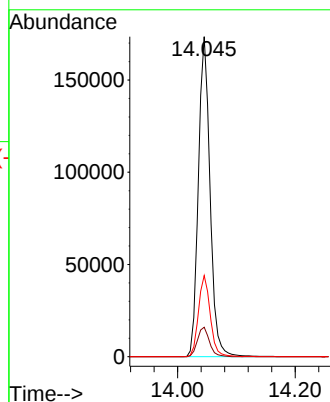
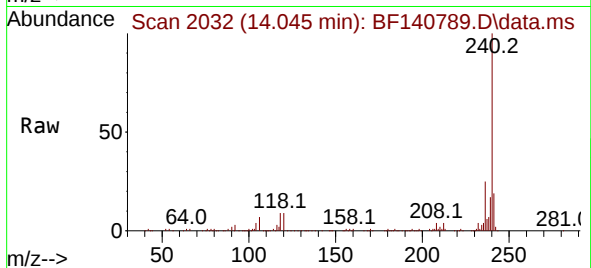
Tgt Ion:240 Resp: 238978

Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 90.743 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

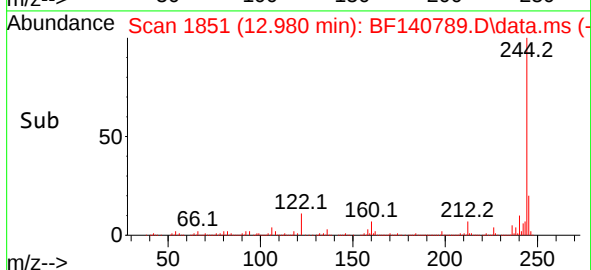
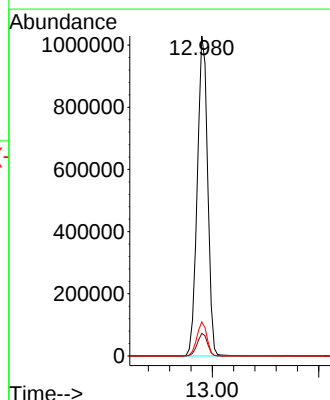
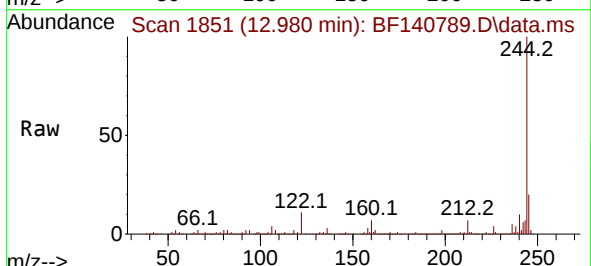
Tgt Ion:244 Resp: 1392656

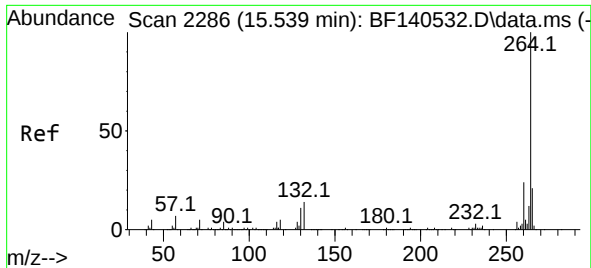
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.6 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB165390TB

Tgt Ion:264 Resp: 186251
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.2 16.6 25.0

