

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140784.D
 Acq On : 09 Dec 2024 12:47
 Operator : RC/JU
 Sample : PB165432BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BL

Quant Time: Dec 09 14:19:09 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)

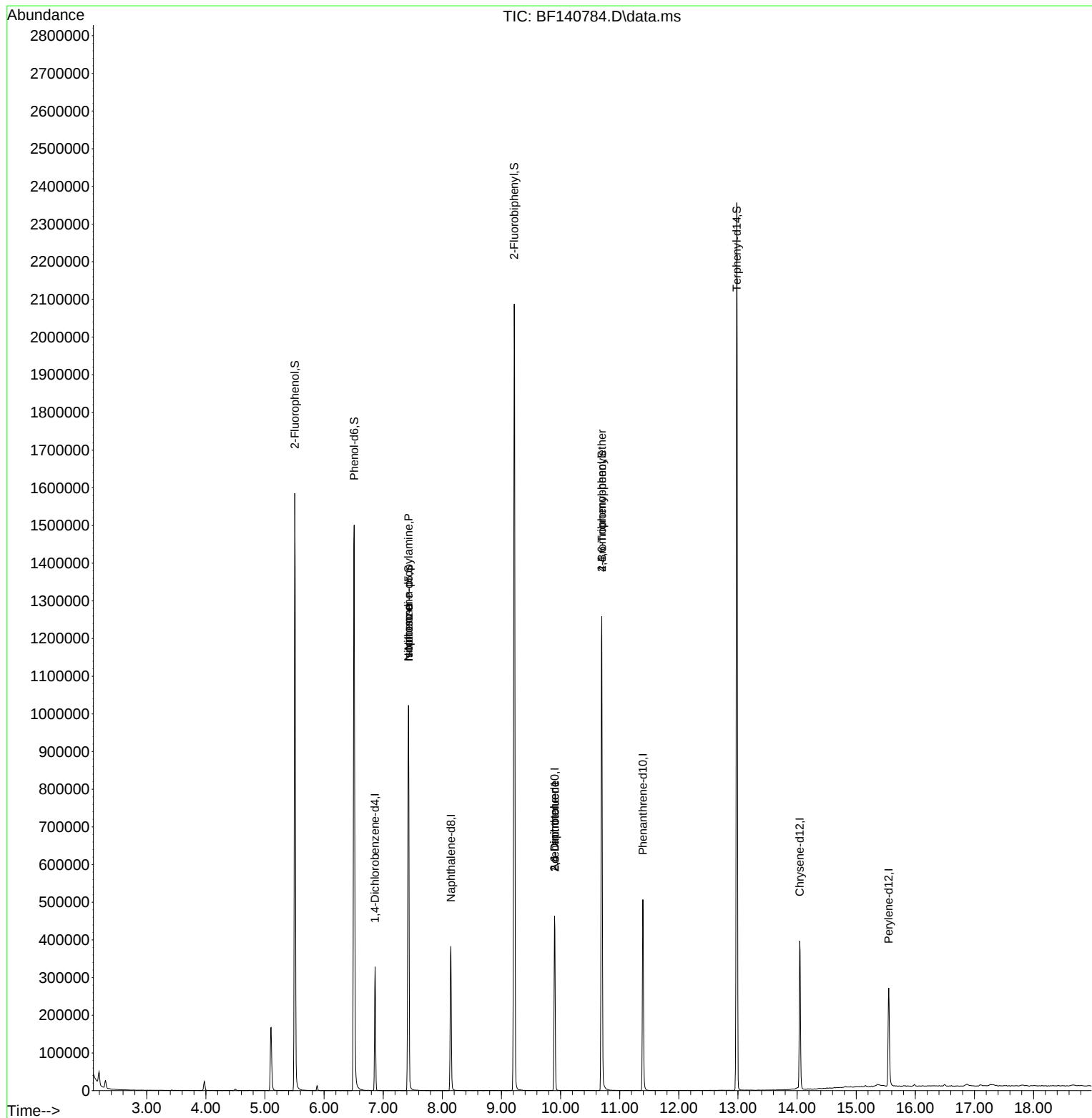
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	69444	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	265288	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	149935	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	289301	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	206484	20.000	ng	0.00
86) Perylene-d12	15.551	264	167176	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	610732	150.054	ng	0.00
7) Phenol-d6	6.510	99	776194	144.254	ng	0.00
23) Nitrobenzene-d5	7.428	82	507126	97.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	233530	145.632	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1006138	99.983	ng	-0.02
79) Terphenyl-d14	12.980	244	1182142	89.147	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	66996	21.068	ng	# 75
25) Isophorone	7.428	82	501012	57.917	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	19406	8.665	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	19406	6.520	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	14147	4.748	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140784.D
Acq On : 09 Dec 2024 12:47
Operator : RC/JU
Sample : PB165432BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165432BL

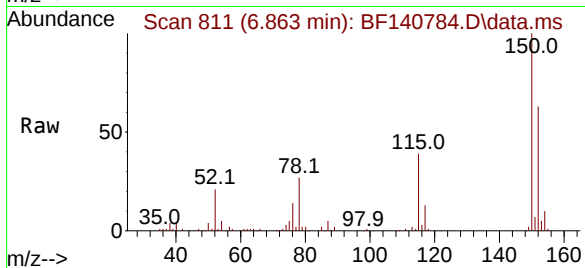
Quant Time: Dec 09 14:19:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



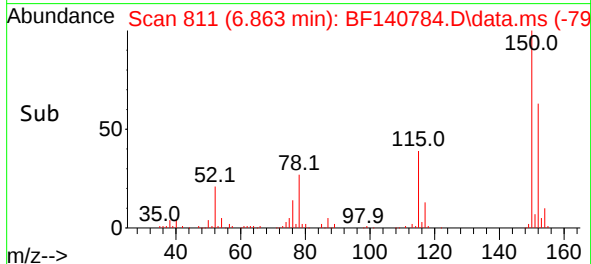
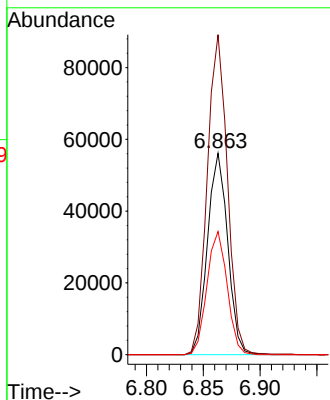


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Instrument :
BNA_F
ClientSampleId :
PB165432BL

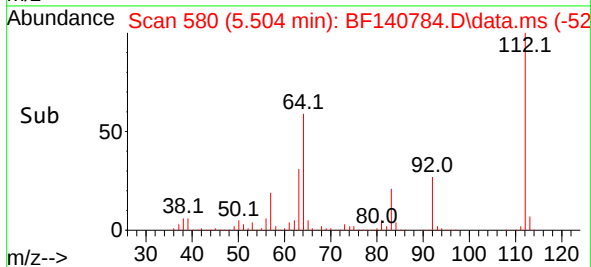
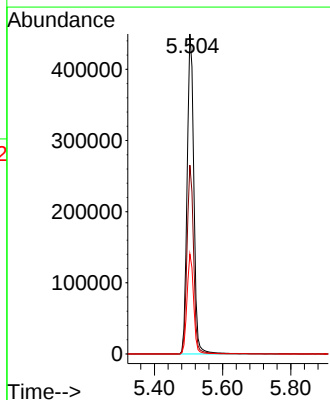
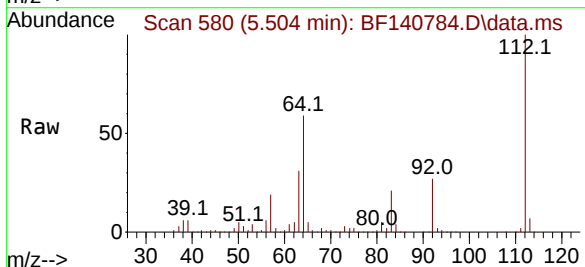


Tgt Ion:152 Resp: 69444
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 150.054 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion:112 Resp: 610732
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.3 27.0 40.4

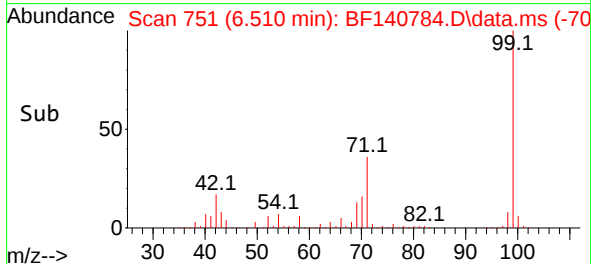
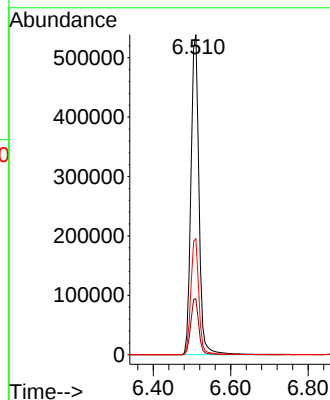
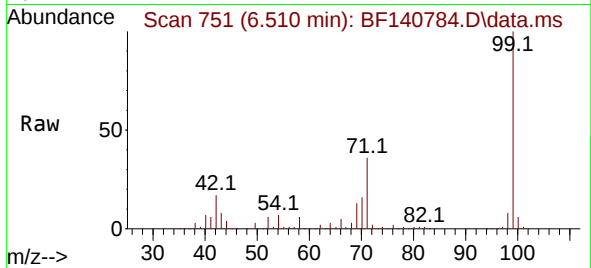




#7
Phenol-d6
Concen: 144.254 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

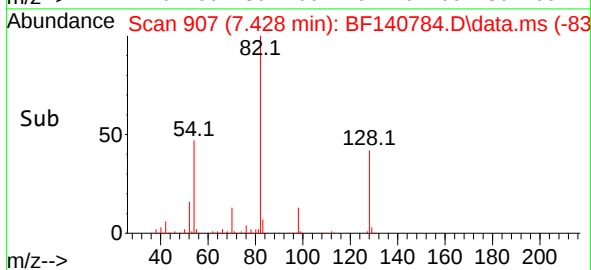
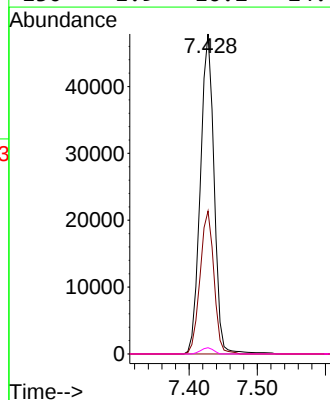
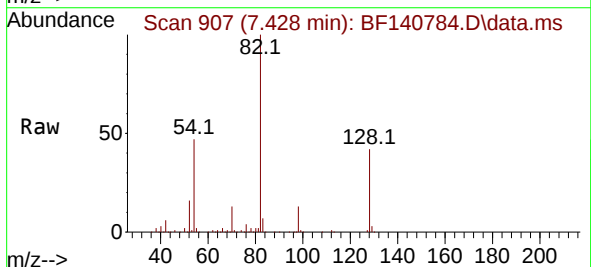
Instrument :
BNA_F
ClientSampleId :
PB165432BL

Tgt Ion: 99 Resp: 776194
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 36.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.068 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion: 70 Resp: 66996
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



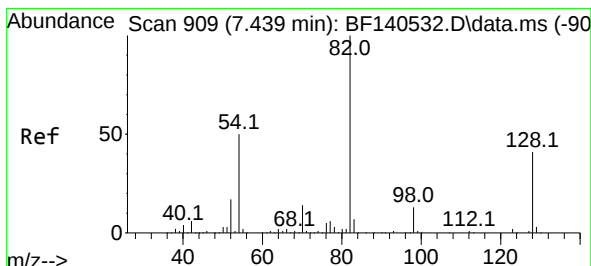
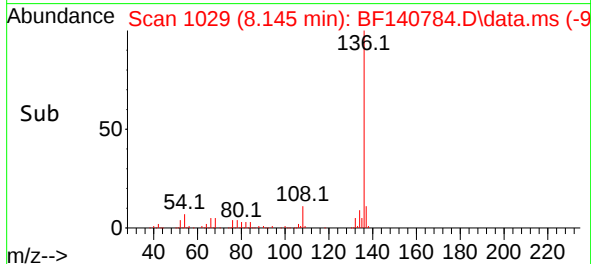
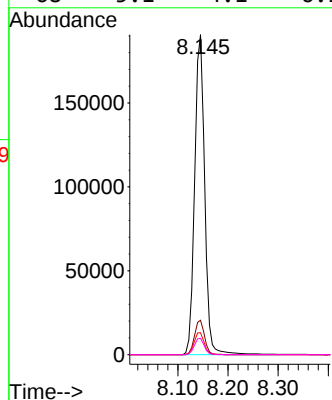
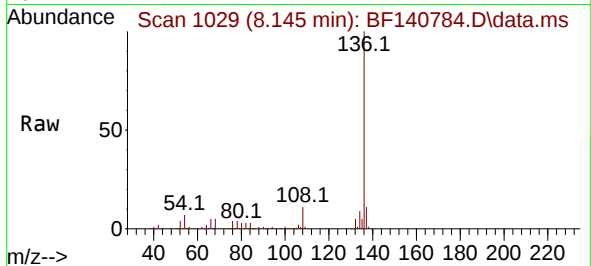


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Instrument :
BNA_F
ClientSampleId :
PB165432BL

Tgt Ion:136 Resp: 265288

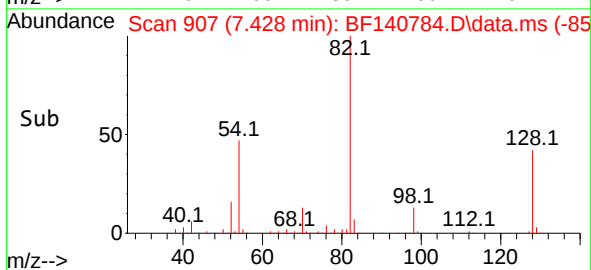
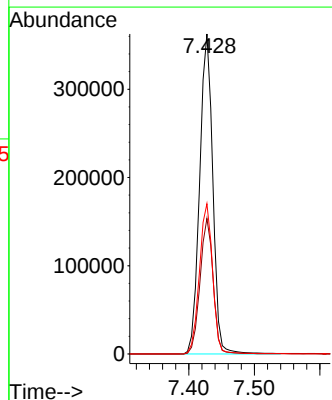
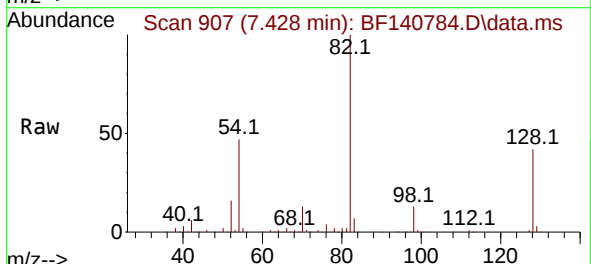
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 97.779 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion: 82 Resp: 507126

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	47.0	39.5	59.3

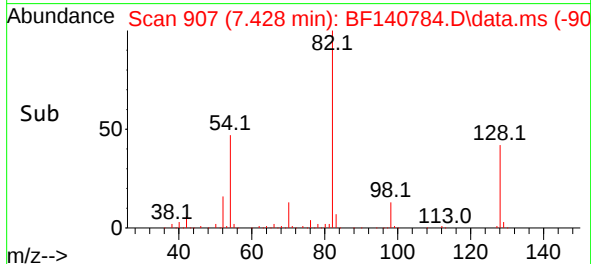
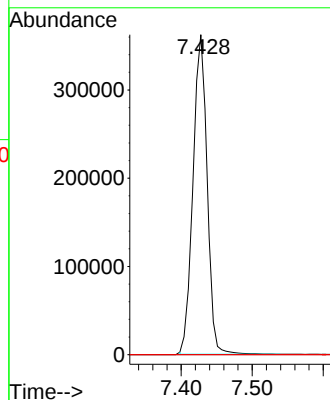
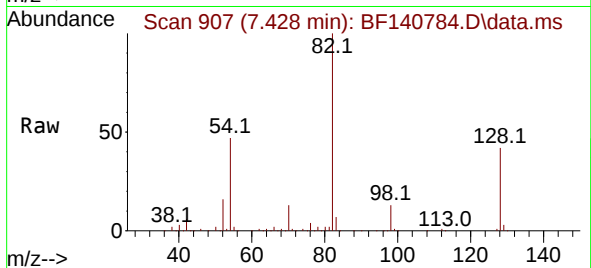




#25
Isophorone
Concen: 57.917 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

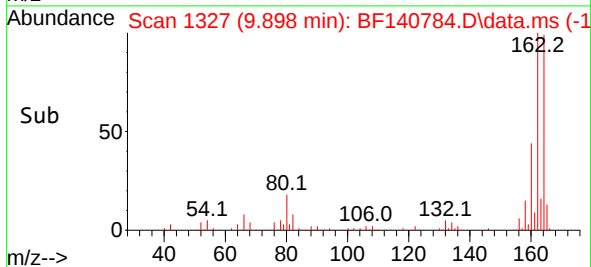
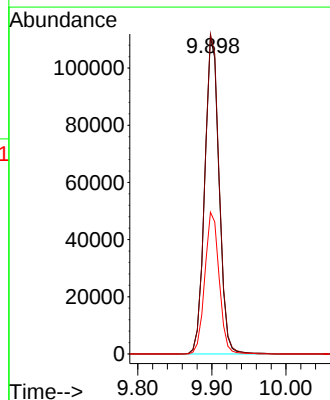
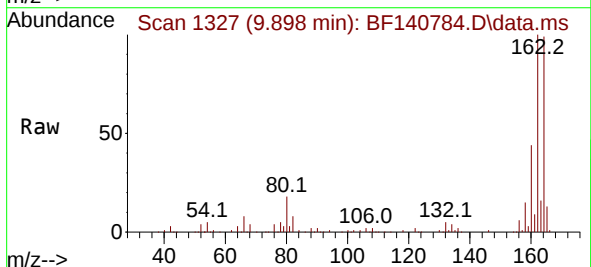
Instrument :
BNA_F
ClientSampleId :
PB165432BL

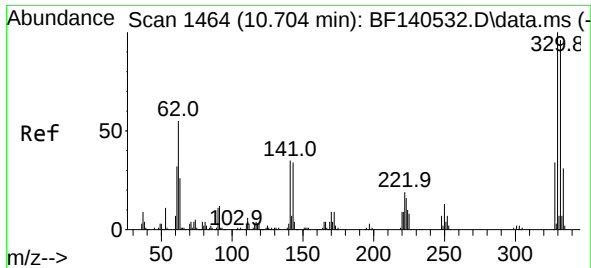
Tgt Ion: 82 Resp: 501012
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion: 164 Resp: 149935
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.7 36.2 54.4

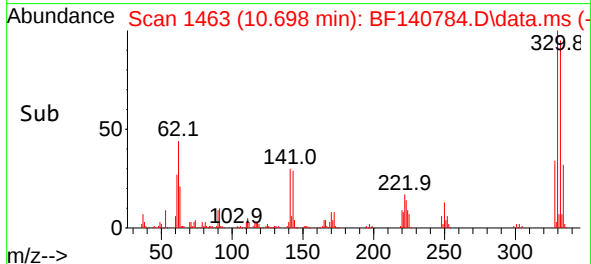
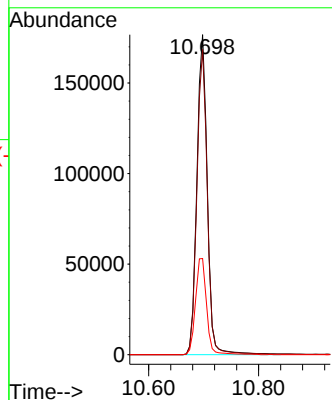
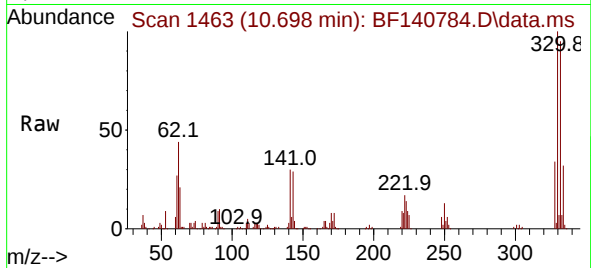




#42
2,4,6-Tribromophenol
Concen: 145.632 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

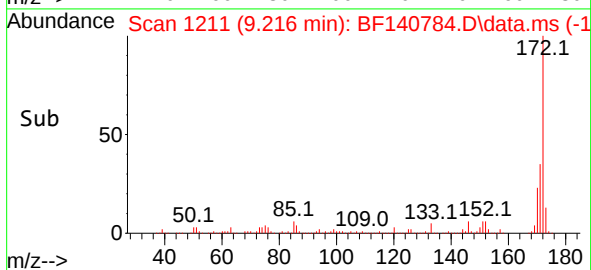
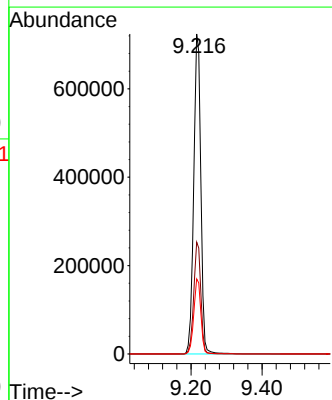
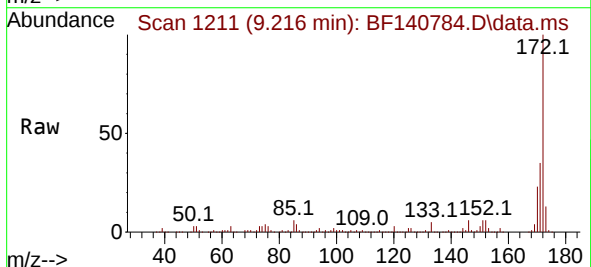
Instrument :
BNA_F
ClientSampleId :
PB165432BL

Tgt Ion:330 Resp: 233530
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 31.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 99.983 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion:172 Resp: 1006138
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.0 28.6

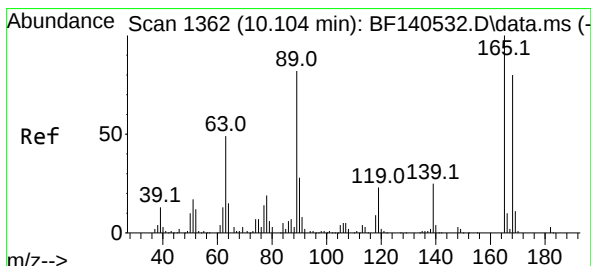
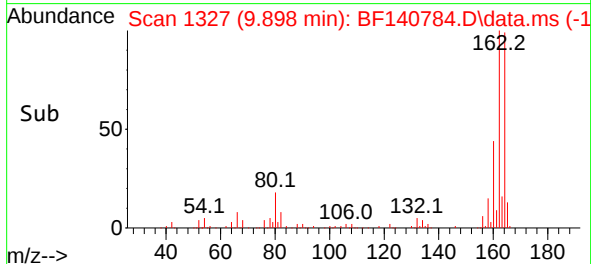
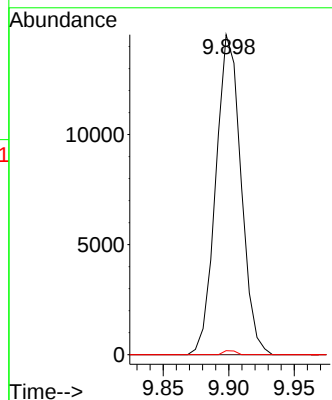
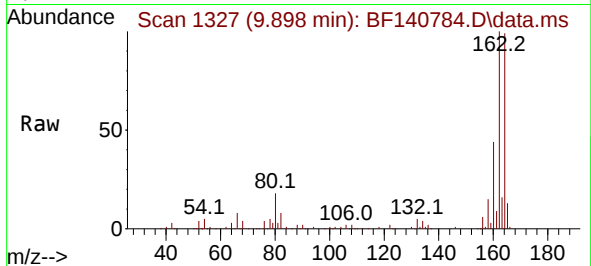




#51
2,6-Dinitrotoluene
Concen: 8.665 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

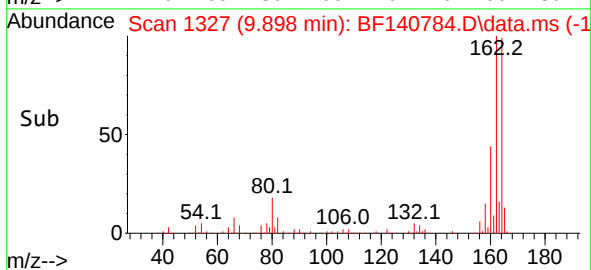
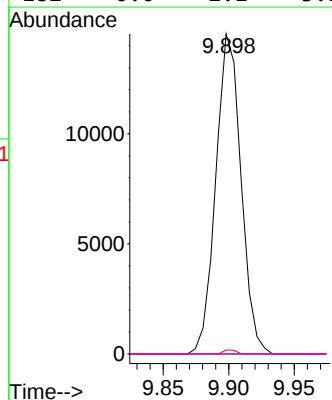
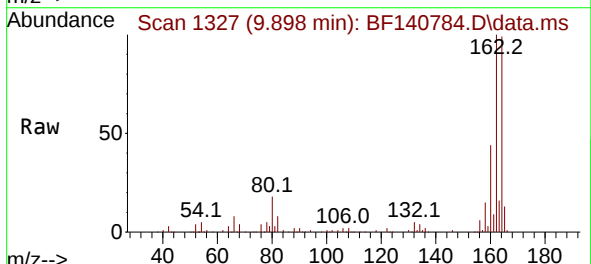
Instrument :
BNA_F
ClientSampleId :
PB165432BL

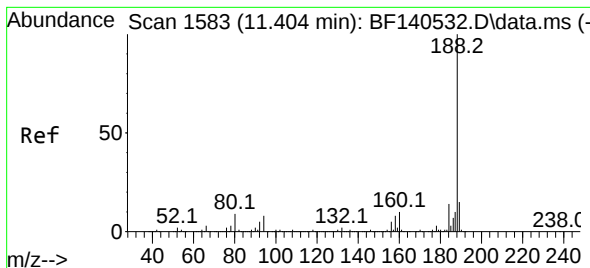
Tgt Ion:165 Resp: 19406
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.2 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.520 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

Tgt Ion:165 Resp: 19406
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.2 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: BF140784.D

Acq: 09 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB165432BL

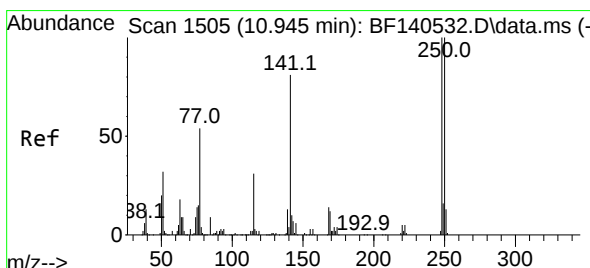
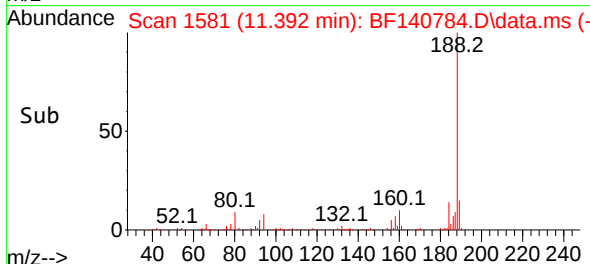
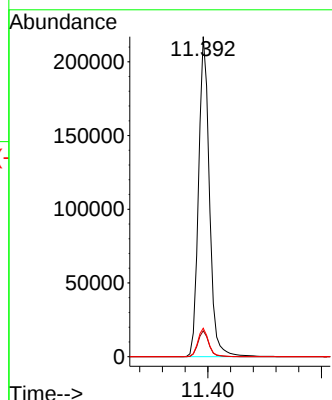
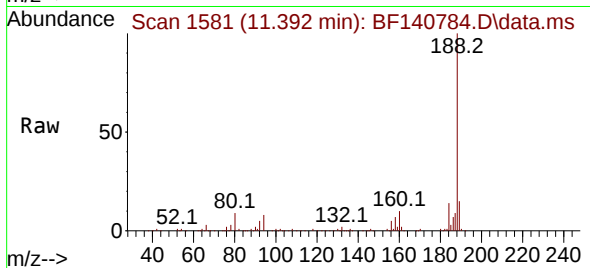
Tgt Ion:188 Resp: 289301

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.748 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140784.D

Acq: 09 Dec 2024 12:47

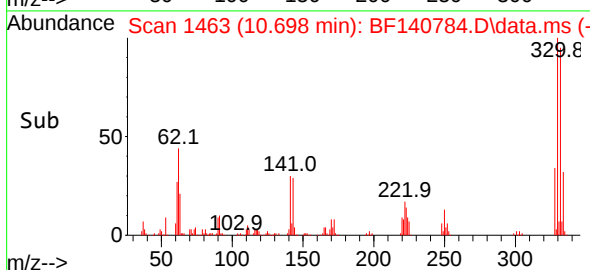
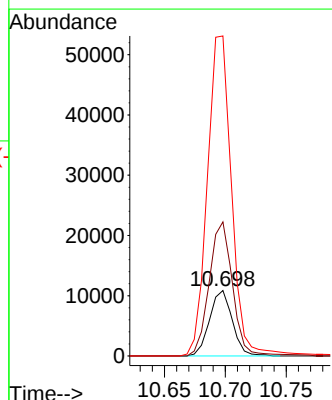
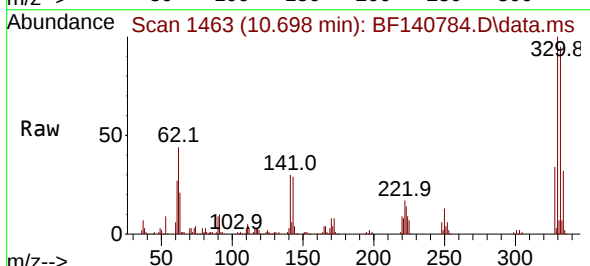
Tgt Ion:248 Resp: 14147

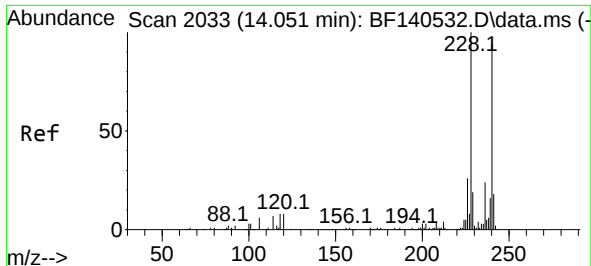
Ion Ratio Lower Upper

248 100

250 205.0 79.8 119.8#

141 489.1 64.7 97.1#

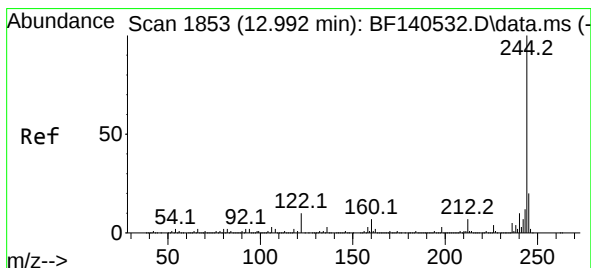
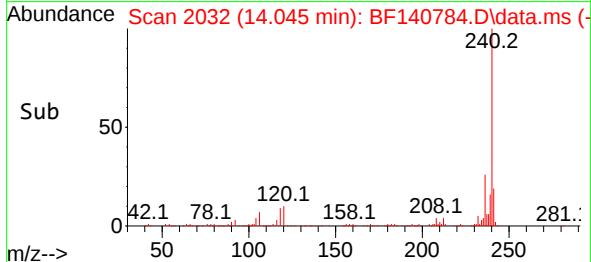
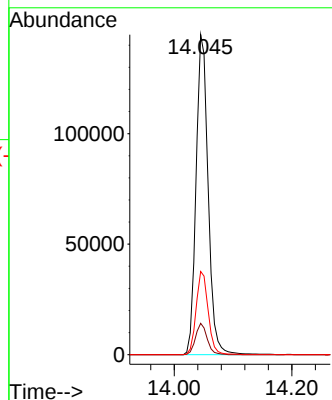
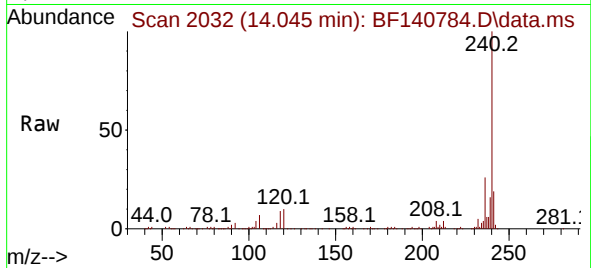




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

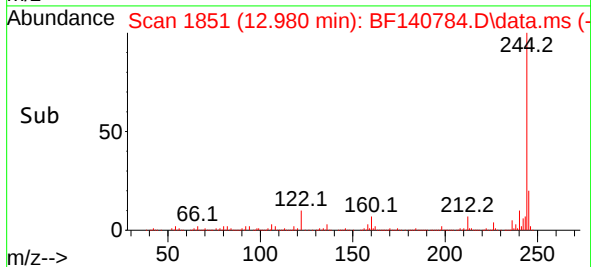
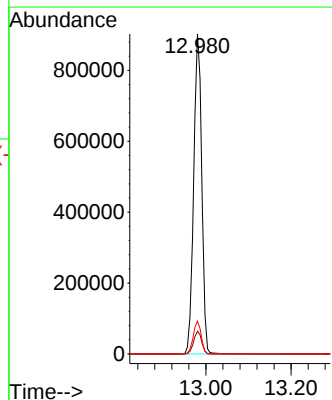
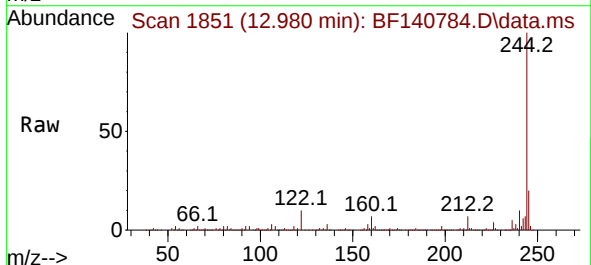
Instrument :
BNA_F
ClientSampleId :
PB165432BL

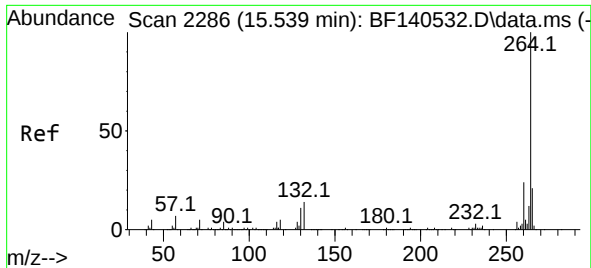
Tgt Ion:240 Resp: 206484
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 89.147 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140784.D
Acq: 09 Dec 2024 12:47

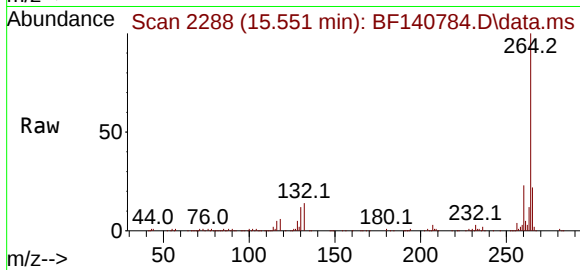
Tgt Ion:244 Resp: 1182142
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140784.D
 Acq: 09 Dec 2024 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BL



Tgt Ion:264 Resp: 167176
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.6 16.6 25.0

