

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140502.D
 Acq On : 20 Nov 2024 16:25
 Operator : RC/JU
 Sample : PB165086BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165086BL

Quant Time: Nov 20 17:06:00 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)

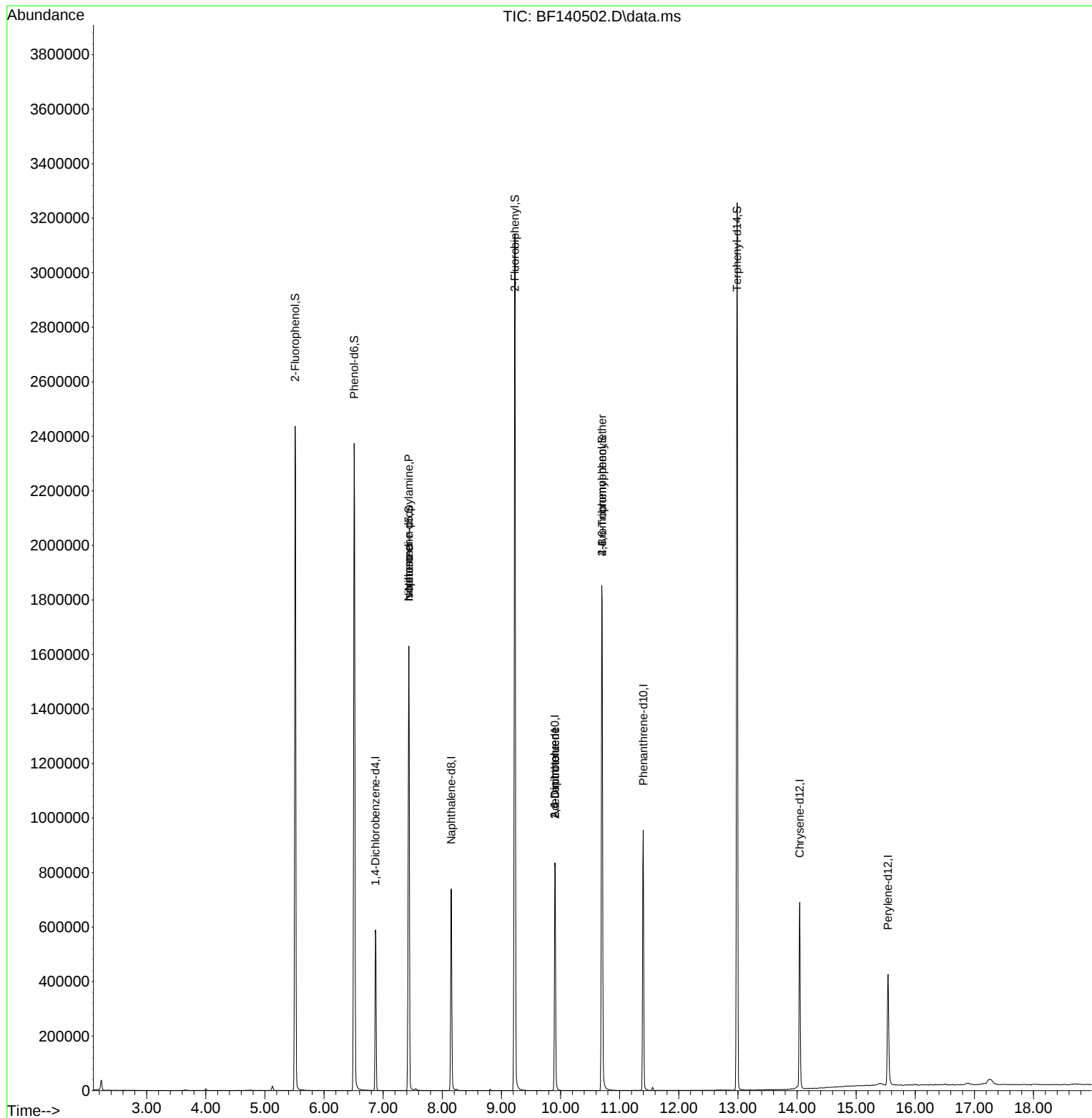
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	127581	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	485914	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	273616	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	524410	20.000	ng	0.00
76) Chrysene-d12	14.045	240	336229	20.000	ng	0.00
86) Perylene-d12	15.539	264	269895	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	929313	124.368	ng	0.02
7) Phenol-d6	6.510	99	1217108	120.223	ng	0.00
23) Nitrobenzene-d5	7.434	82	803231	86.127	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	349607	128.490	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1476829	86.767	ng	0.00
79) Terphenyl-d14	12.986	244	1657784	85.584	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	107739	17.621	ng	# 76
25) Isophorone	7.434	82	792740	47.962	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	35476	8.725	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	35476	6.630	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	21651	4.130	ng	# 1

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

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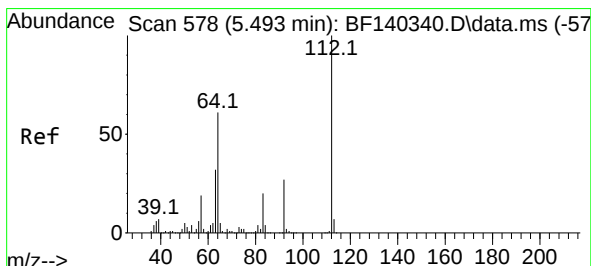
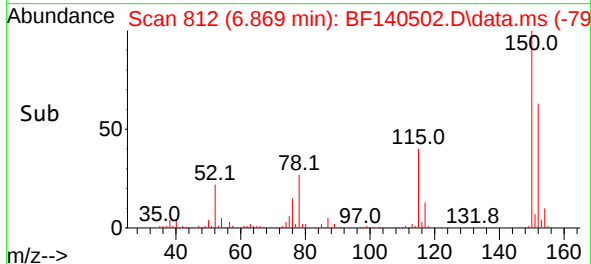
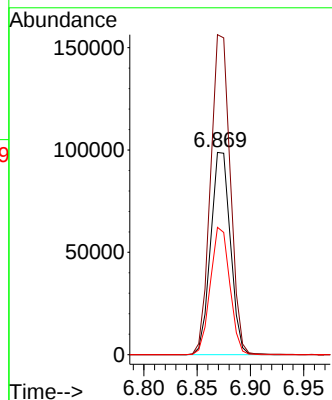
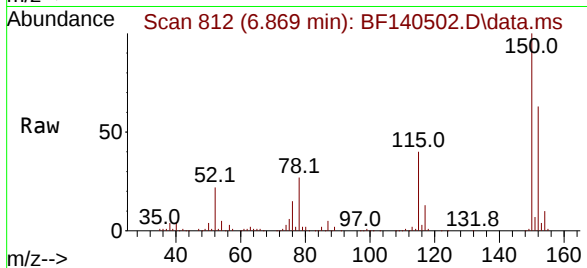




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

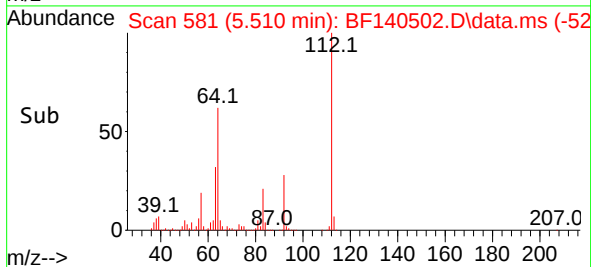
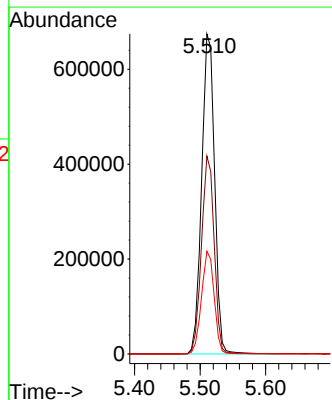
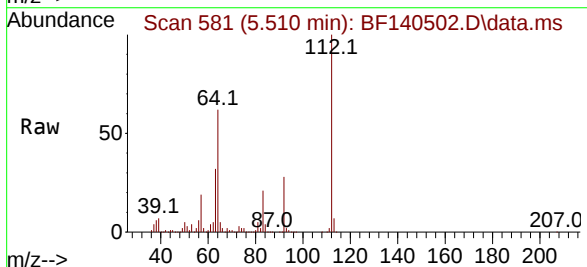
Instrument :
BNA_F
ClientSampleId :
PB165086BL

Tgt Ion:152 Resp: 127581
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 63.0 47.4 71.2



#5
2-Fluorophenol
Concen: 124.368 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

Tgt Ion:112 Resp: 929313
Ion Ratio Lower Upper
112 100
64 61.9 49.2 73.8
63 32.1 25.6 38.4

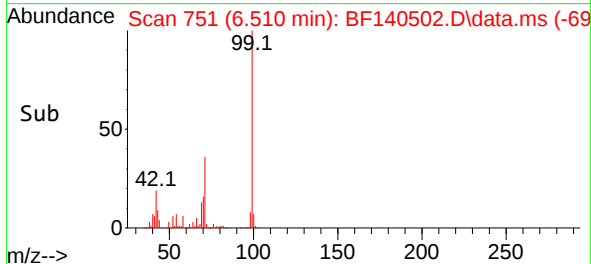
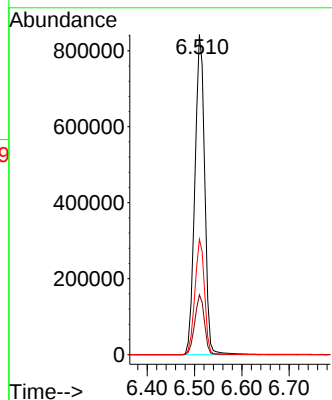
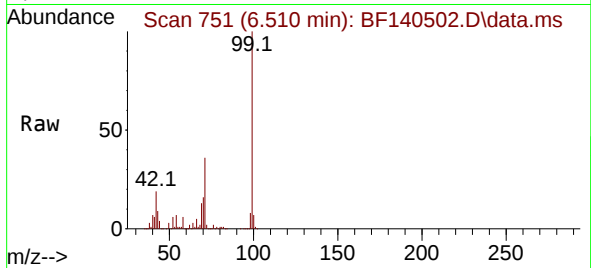




#7
Phenol-d6
Concen: 120.223 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

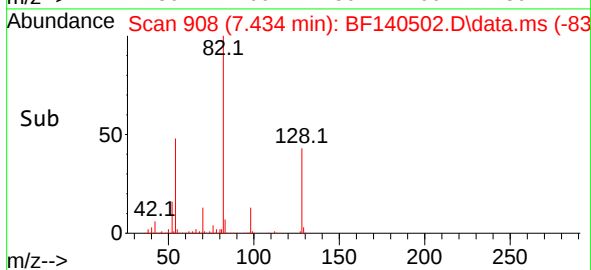
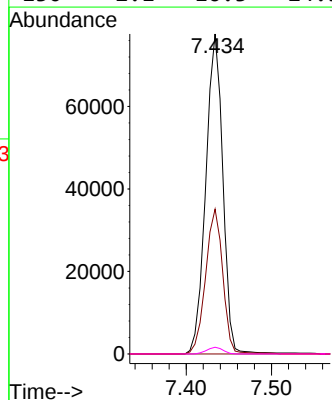
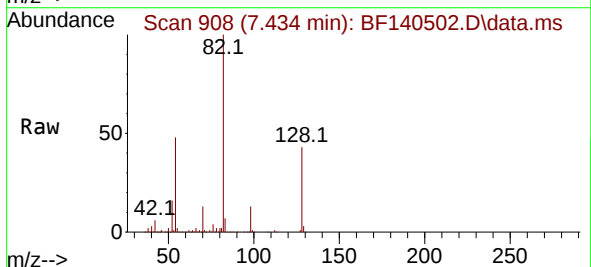
Instrument :
BNA_F
ClientSampleId :
PB165086BL

Tgt Ion: 99 Resp: 1217108
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 36.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.621 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

Tgt Ion: 70 Resp: 107739
Ion Ratio Lower Upper
70 100
42 45.3 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



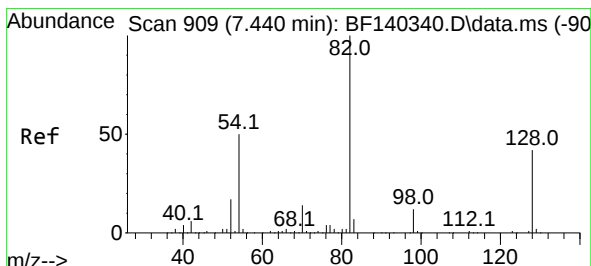
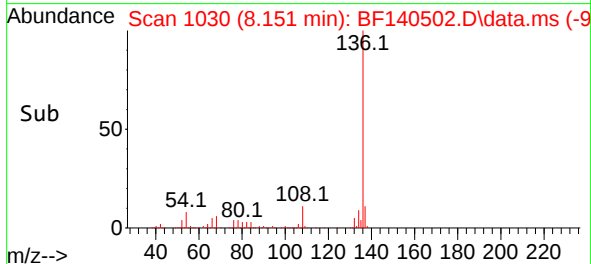
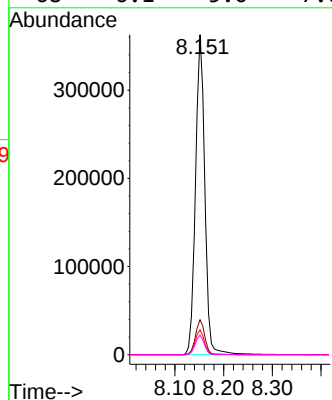
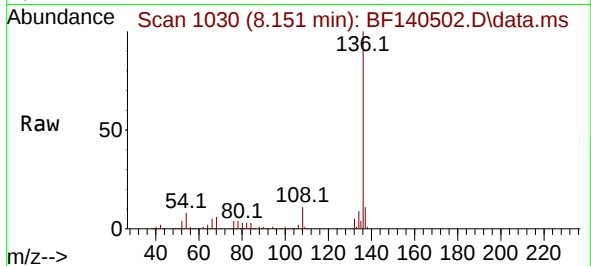


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

Instrument :
BNA_F
ClientSampleId :
PB165086BL

Tgt Ion:136 Resp: 485914

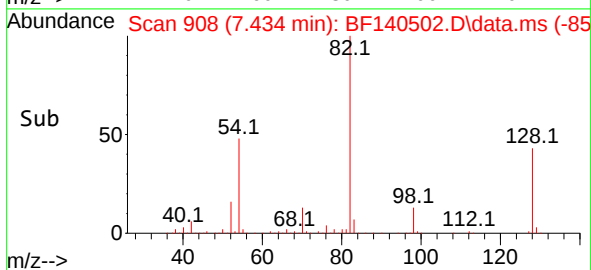
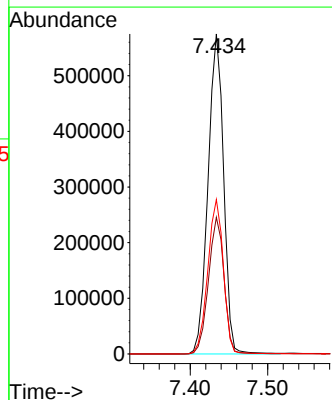
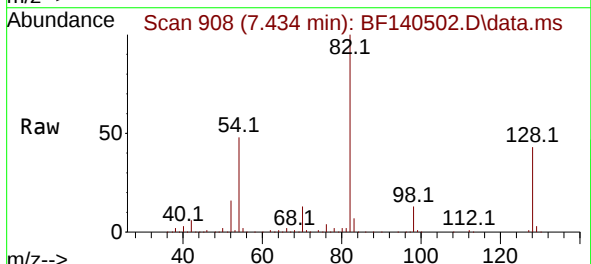
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.5	9.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 86.127 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

Tgt Ion: 82 Resp: 803231

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	48.2	39.8	59.8

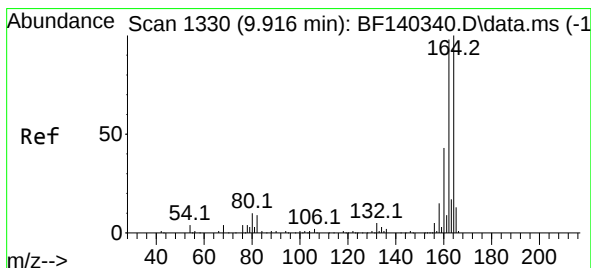
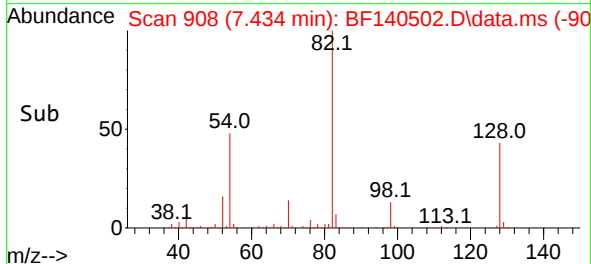
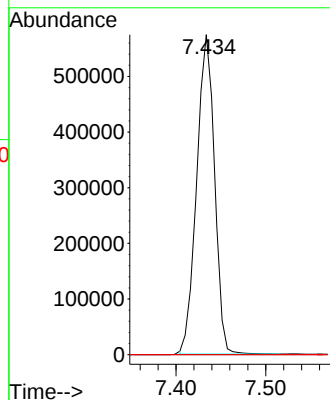
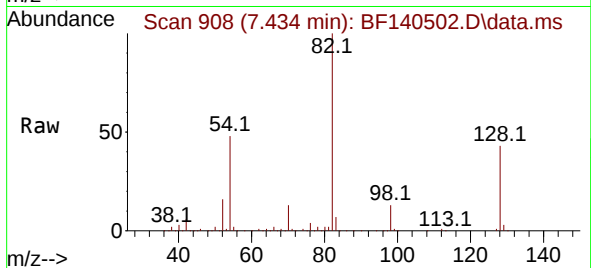




#25
Isophorone
Concen: 47.962 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

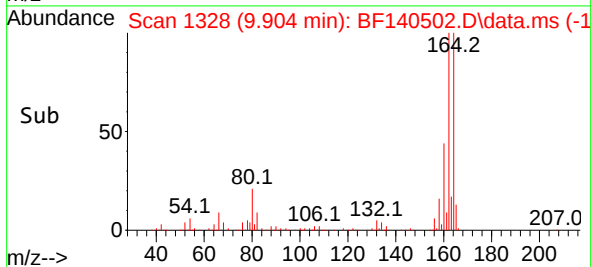
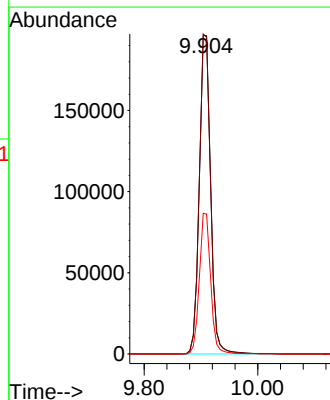
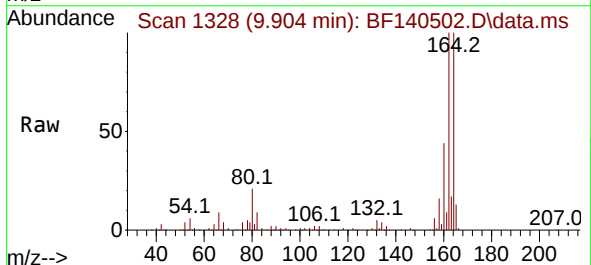
Instrument :
BNA_F
ClientSampleId :
PB165086BL

Tgt Ion: 82 Resp: 792740
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

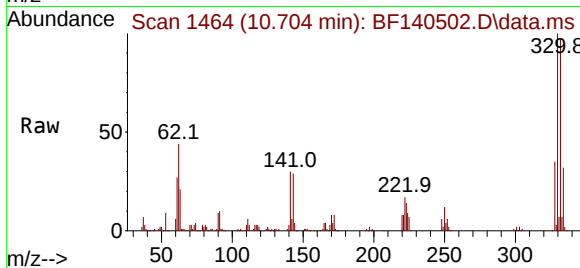
Tgt Ion: 164 Resp: 273616
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 44.1 35.4 53.0



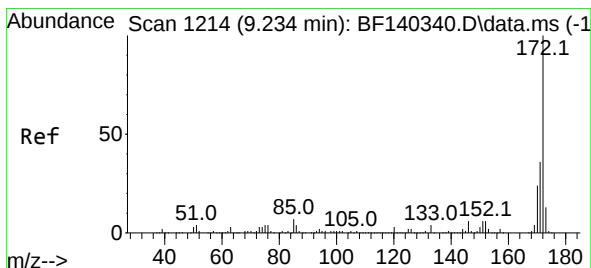
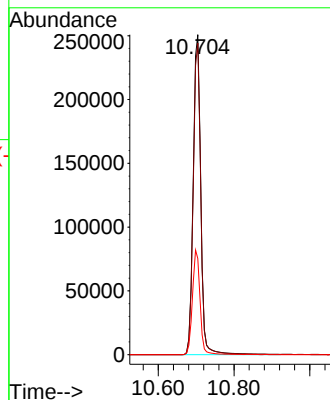
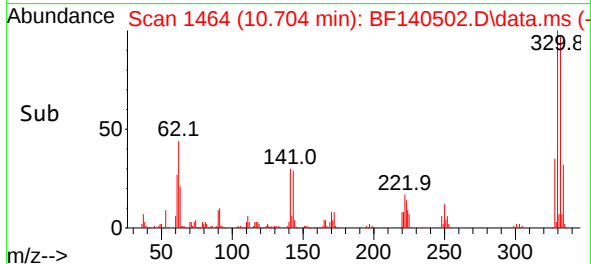


#42
2,4,6-Tribromophenol
Concen: 128.490 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

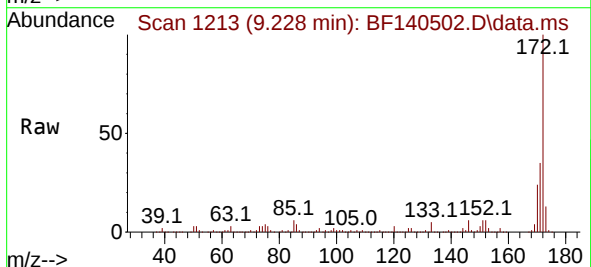
Instrument :
BNA_F
ClientSampleId :
PB165086BL



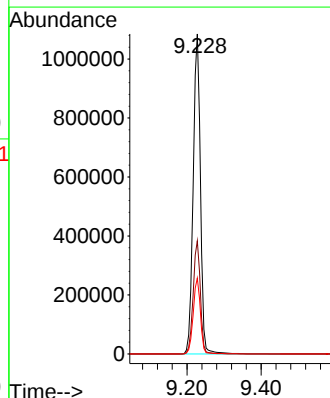
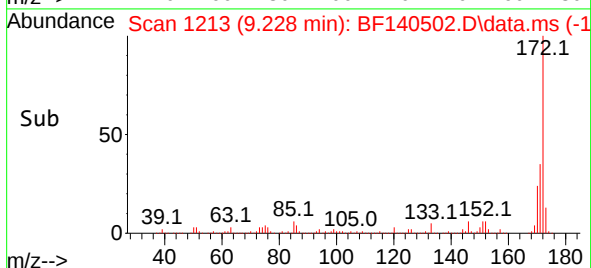
Tgt Ion:330 Resp: 349607
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 32.7 26.9 40.3

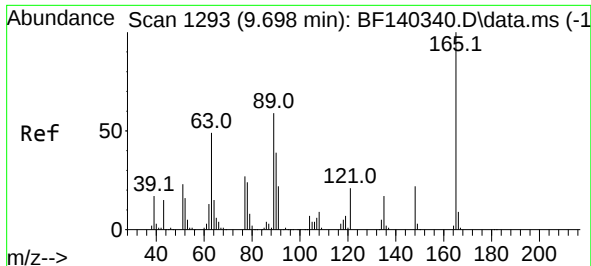


#45
2-Fluorobiphenyl
Concen: 86.767 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25



Tgt Ion:172 Resp: 1476829
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 19.1 28.7

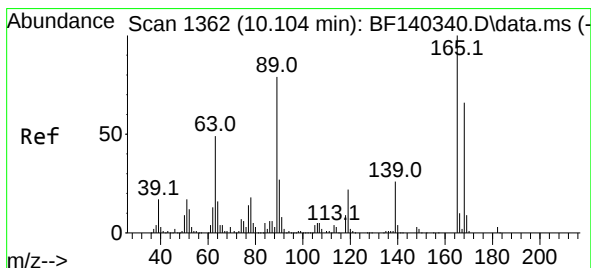
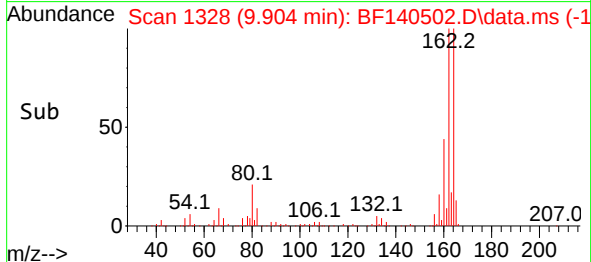
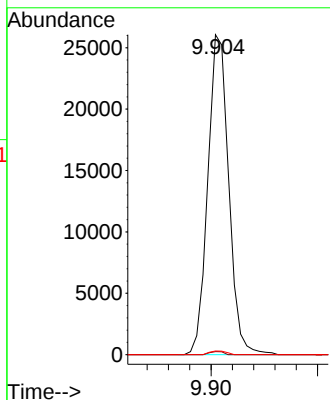
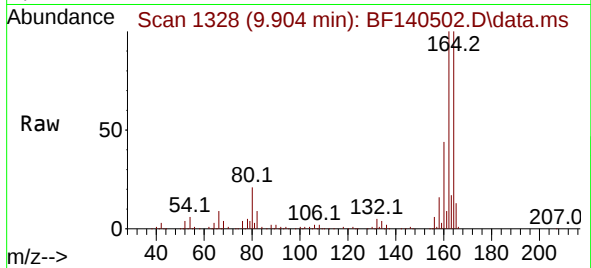




#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

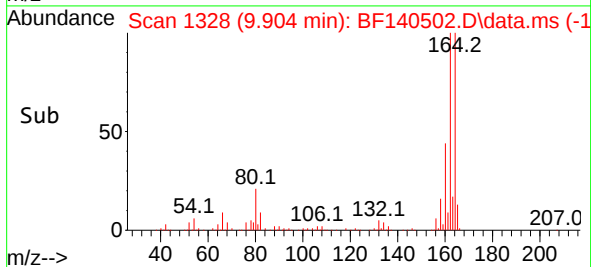
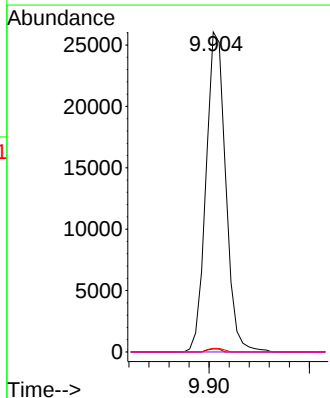
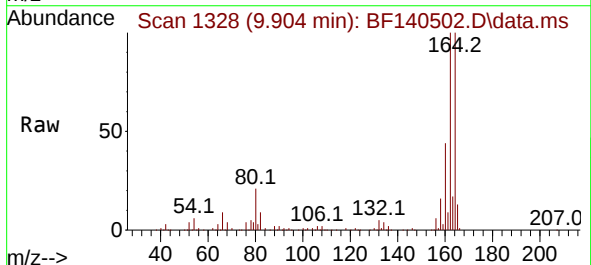
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ClientSampleId :
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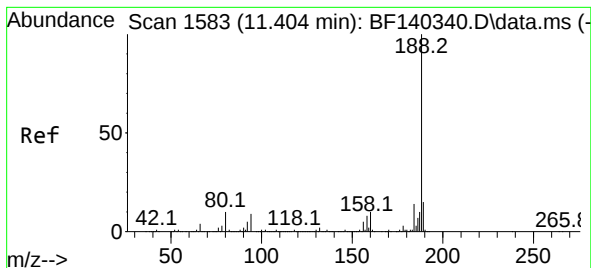
Tgt Ion:165 Resp: 35476
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.630 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

Tgt Ion:165 Resp: 35476
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140502.D

Acq: 20 Nov 2024 16:25

Instrument :

BNA_F

ClientSampleId :

PB165086BL

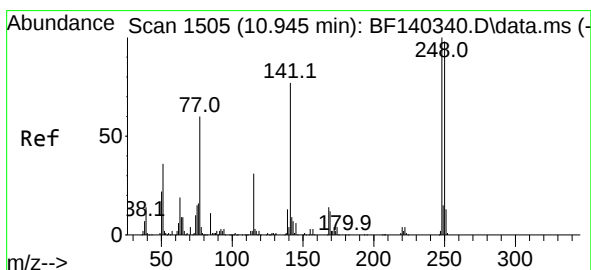
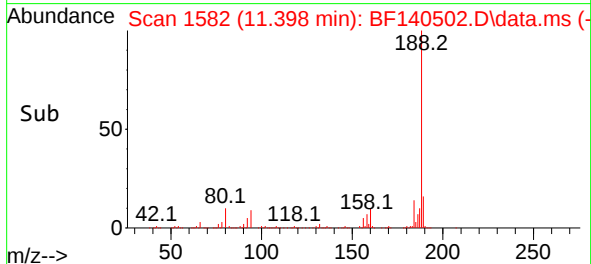
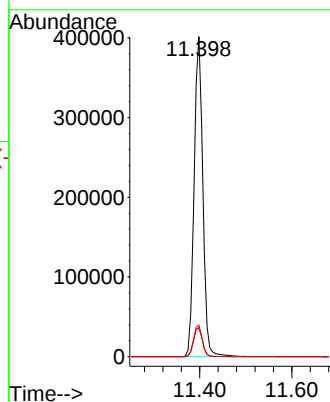
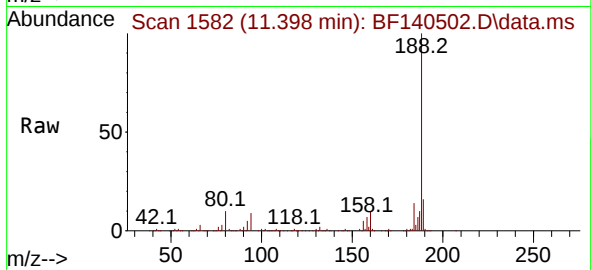
Tgt Ion:188 Resp: 524410

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.9 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.130 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140502.D

Acq: 20 Nov 2024 16:25

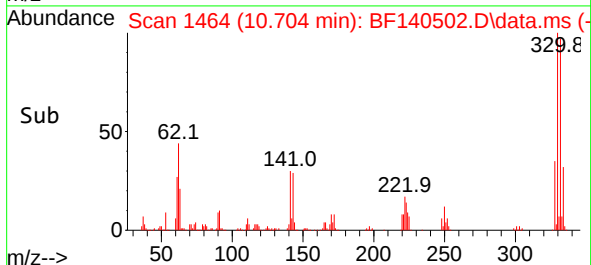
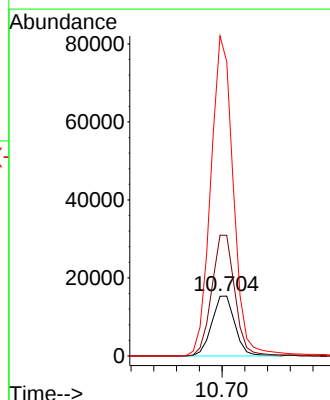
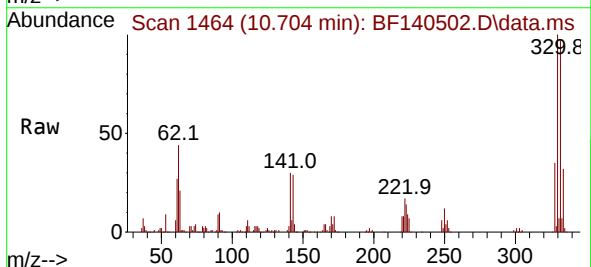
Tgt Ion:248 Resp: 21651

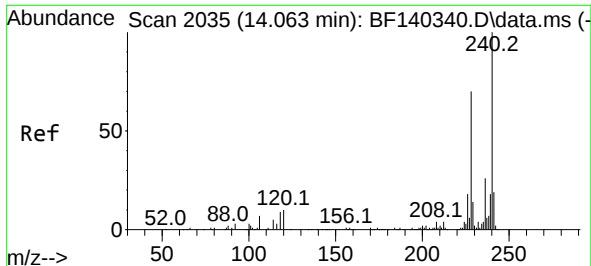
Ion Ratio Lower Upper

248 100

250 201.5 77.9 116.9#

141 491.2 61.8 92.6#

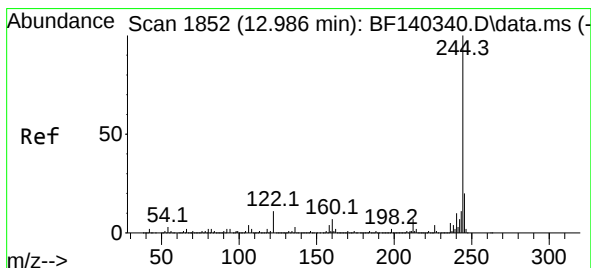
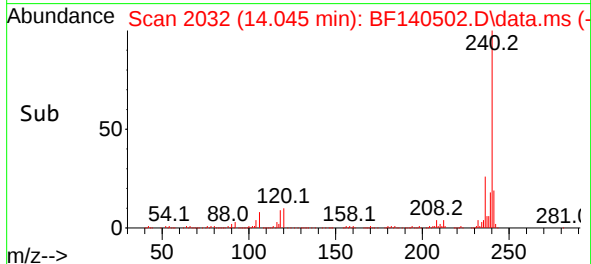
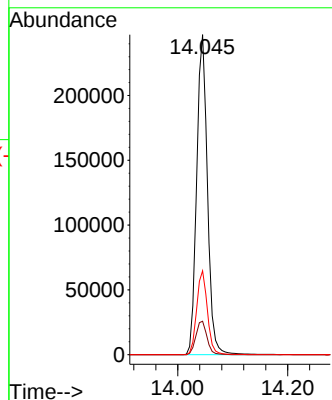
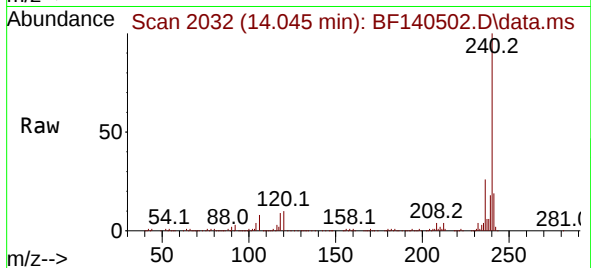




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

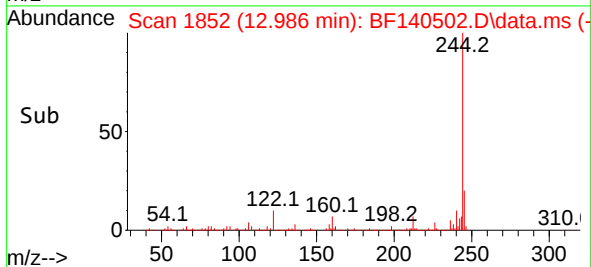
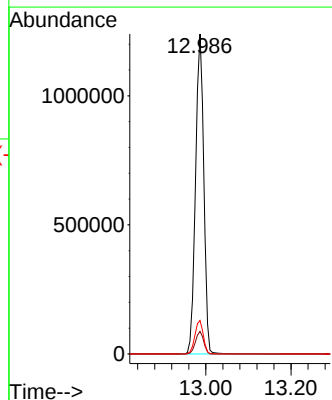
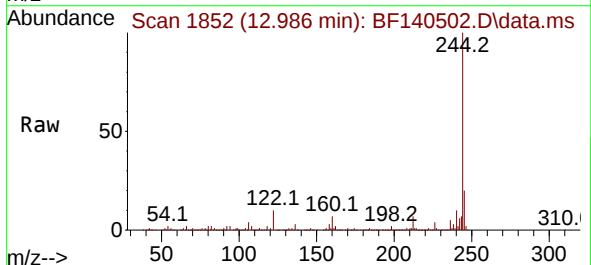
Instrument :
BNA_F
ClientSampleId :
PB165086BL

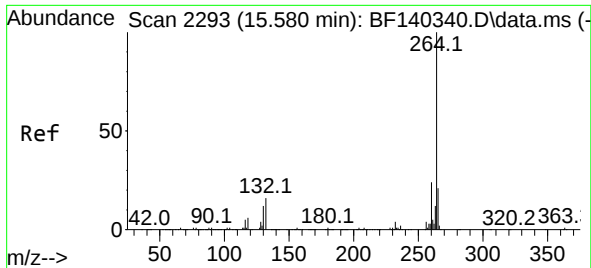
Tgt Ion:240 Resp: 336229
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 85.584 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

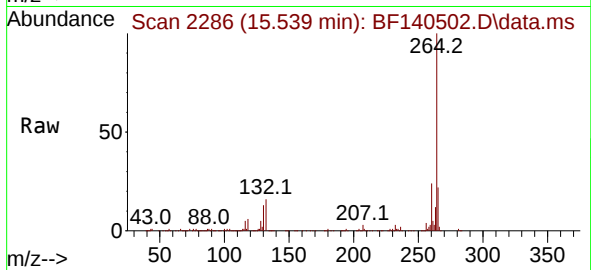
Tgt Ion:244 Resp: 1657784
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF140502.D
 Acq: 20 Nov 2024 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB165086BL



Tgt Ion:264 Resp: 269895
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.1 25.7

