

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140707.D
 Acq On : 03 Dec 2024 13:40
 Operator : RC/JU
 Sample : PB165297TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165297TB

Quant Time: Dec 03 14:07:09 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)

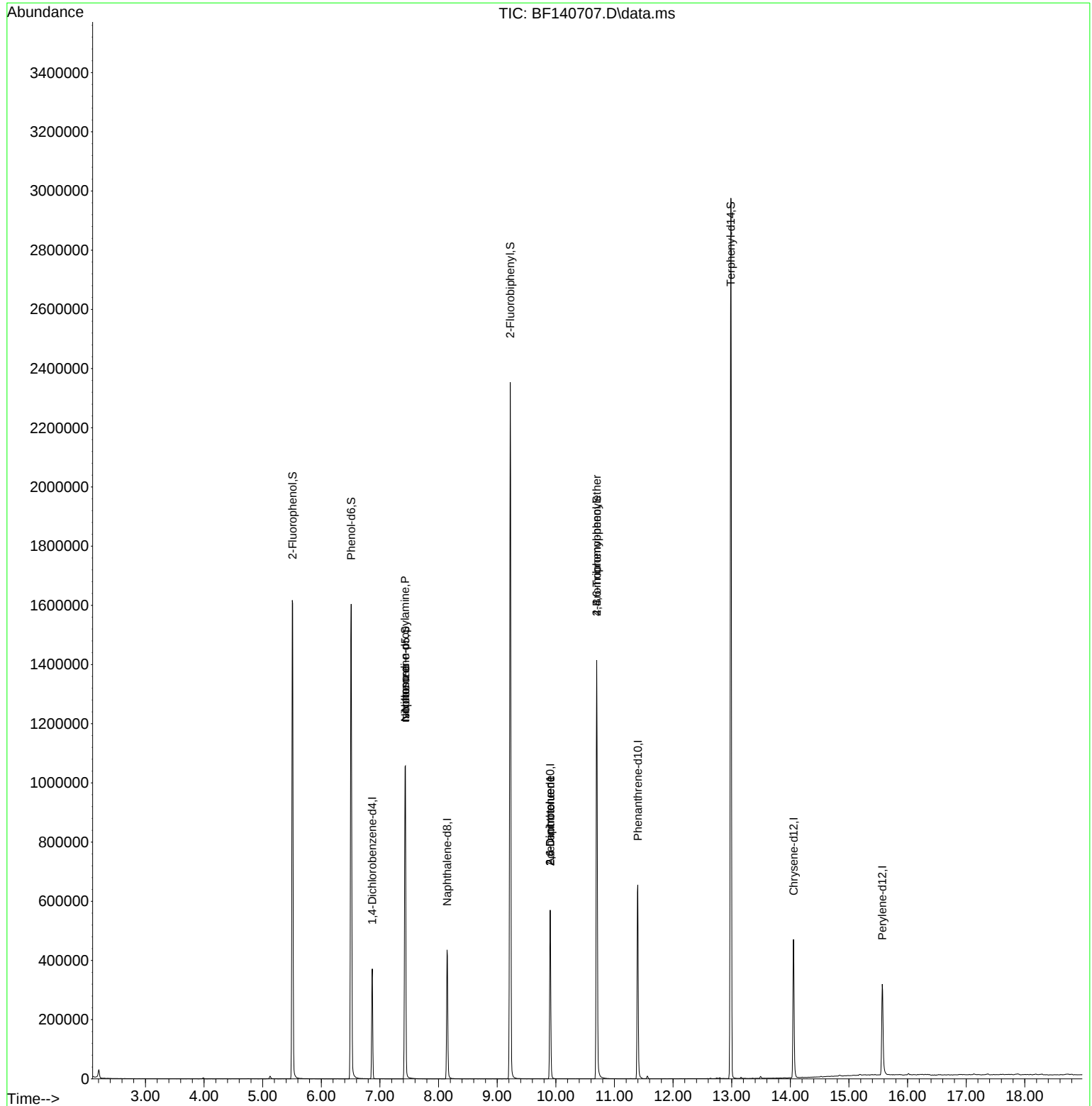
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	78705	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	306061	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	179832	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	389784	20.000	ng	0.00
76) Chrysene-d12	14.057	240	258139	20.000	ng	0.00
86) Perylene-d12	15.568	264	209452	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	638060	138.322	ng	0.01
7) Phenol-d6	6.510	99	821554	134.719	ng	0.00
23) Nitrobenzene-d5	7.434	82	544174	90.945	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	263700	137.107	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1105545	91.597	ng	-0.01
79) Terphenyl-d14	12.986	244	1539438	92.861	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	73110	20.285	ng	# 76
25) Isophorone	7.434	82	539604	54.068	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	23260	8.659	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	23260	6.516	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16080	4.006	ng	# 1

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

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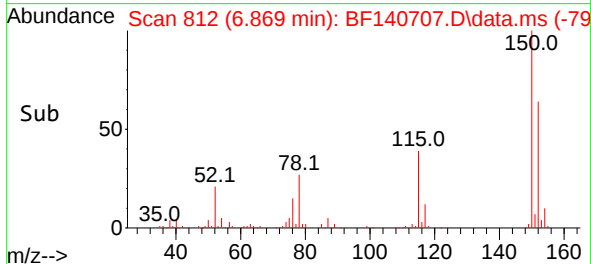
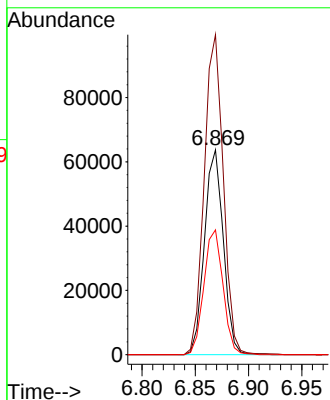
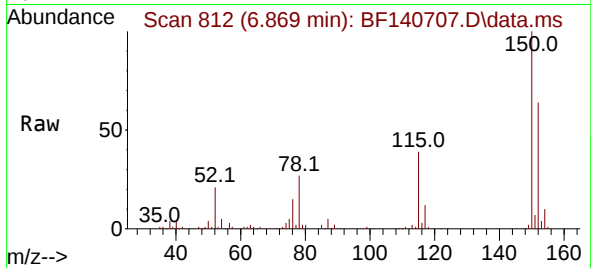




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

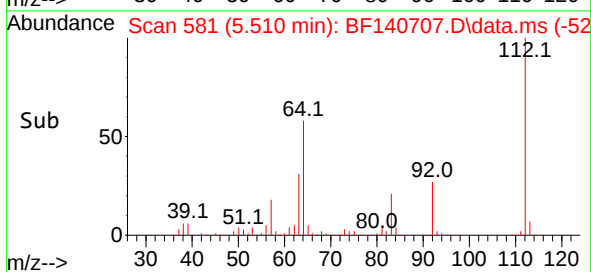
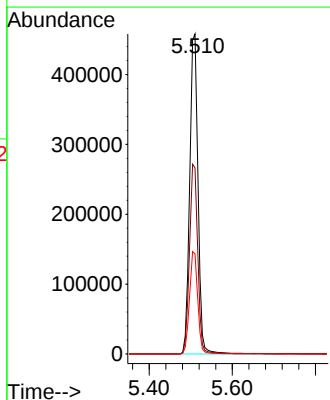
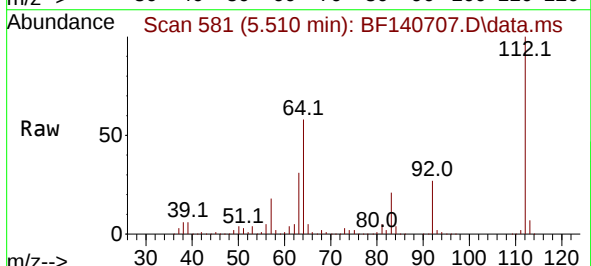
Instrument :
BNA_F
ClientSampleId :
PB165297TB

Tgt Ion:152 Resp: 78705
Ion Ratio Lower Upper
152 100
150 156.2 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 138.322 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion:112 Resp: 638060
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.3 27.0 40.4

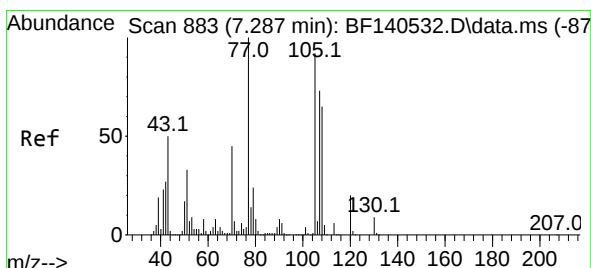
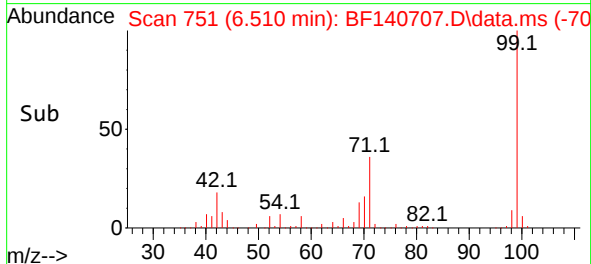
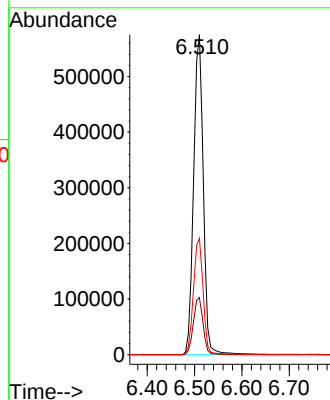
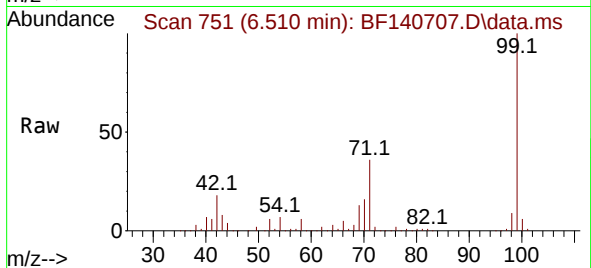




#7
Phenol-d6
Concen: 134.719 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

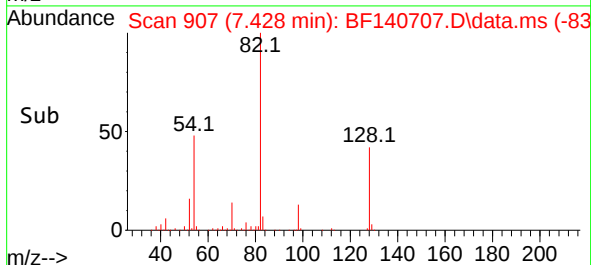
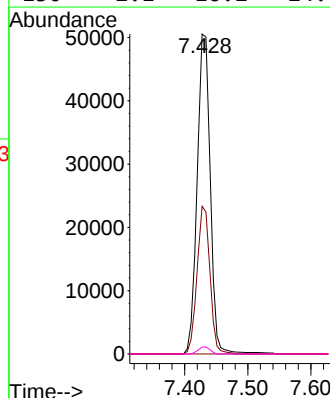
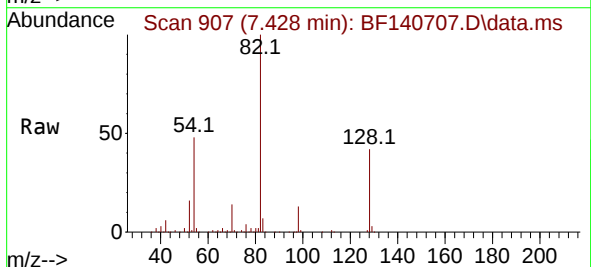
Instrument :
BNA_F
ClientSampleId :
PB165297TB

Tgt Ion: 99 Resp: 821554
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.285 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion: 70 Resp: 73110
Ion Ratio Lower Upper
70 100
42 46.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



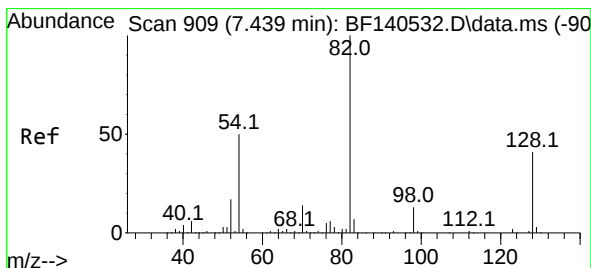
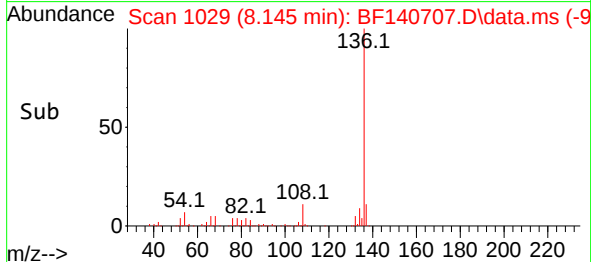
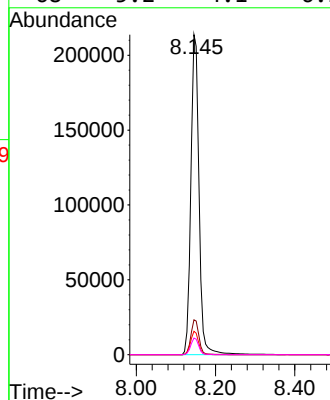
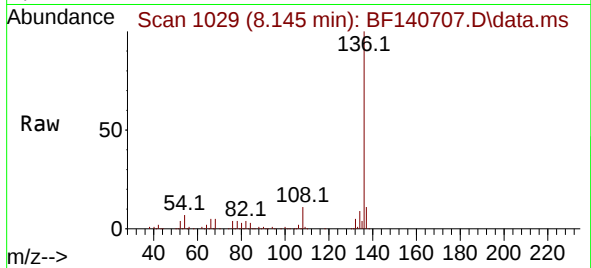


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB165297TB

Tgt Ion:136 Resp: 306061

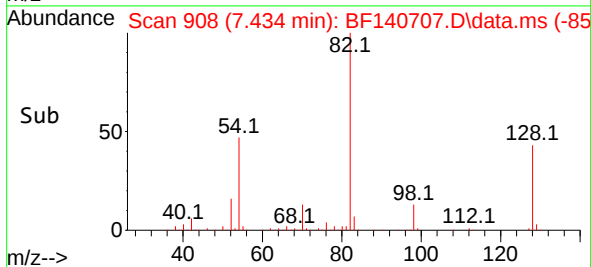
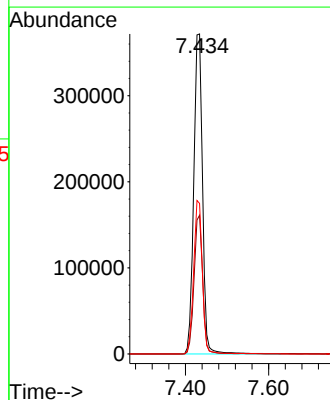
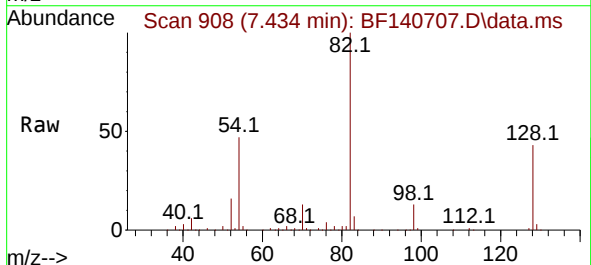
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.3	5.8	8.8
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 90.945 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion: 82 Resp: 544174

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	47.1	39.5	59.3

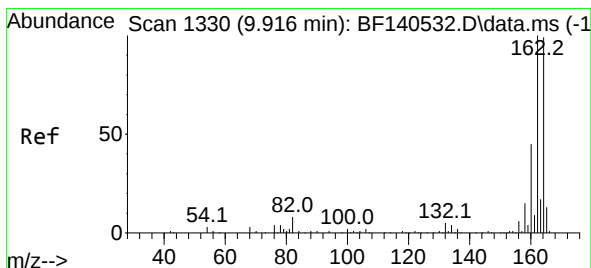
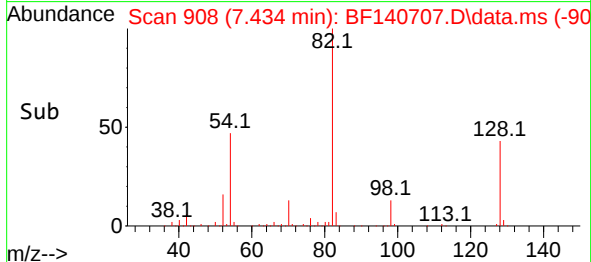
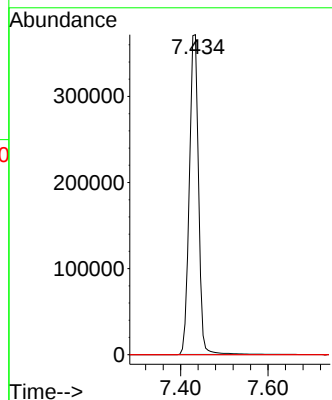
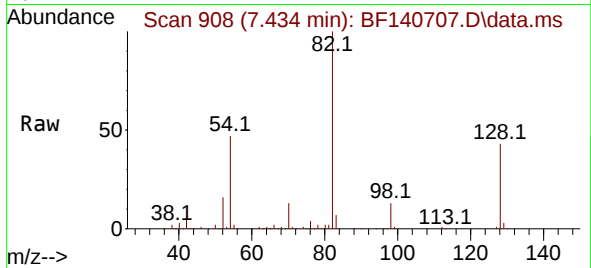




#25
Isophorone
Concen: 54.068 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

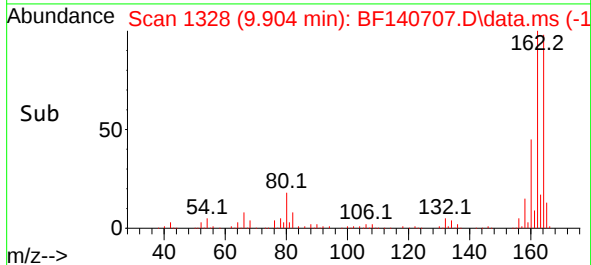
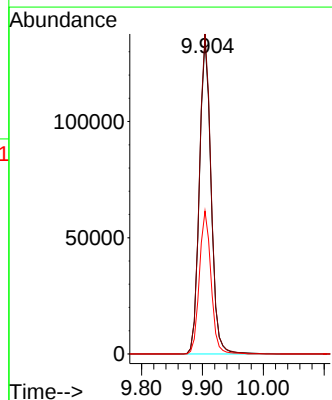
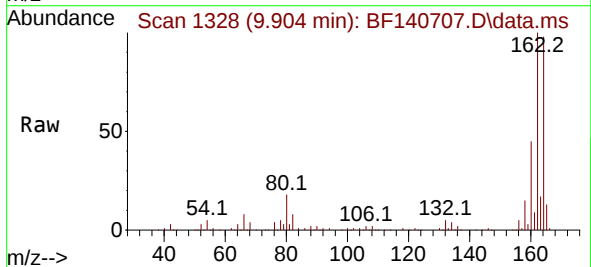
Instrument :
BNA_F
ClientSampleId :
PB165297TB

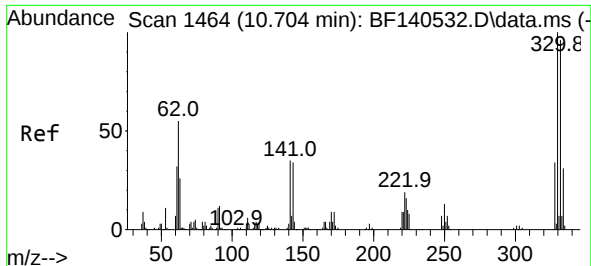
Tgt Ion: 82 Resp: 539604
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion:164 Resp: 179832
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 137.107 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB165297TB

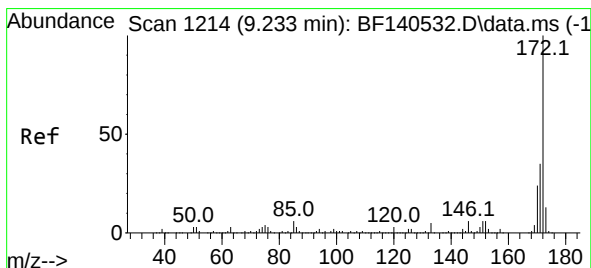
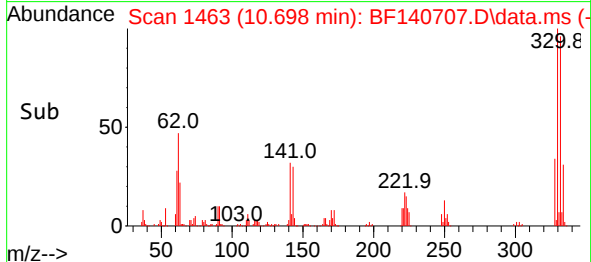
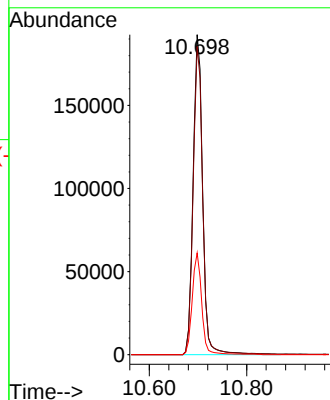
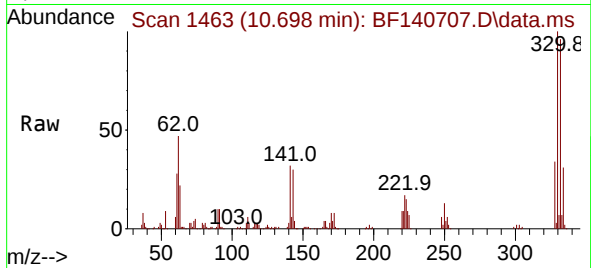
Tgt Ion:330 Resp: 263700

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 31.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 91.597 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

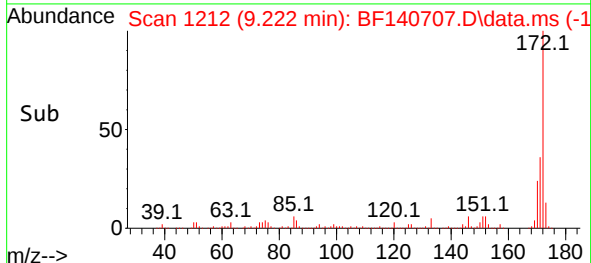
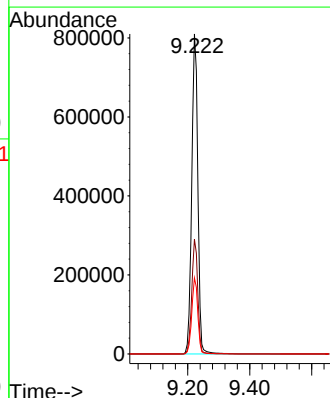
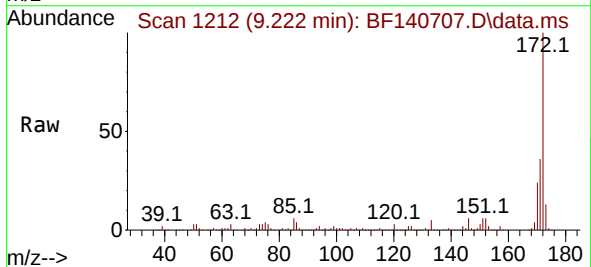
Tgt Ion:172 Resp: 1105545

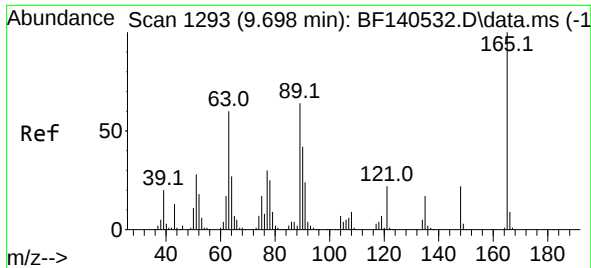
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 19.0 28.6

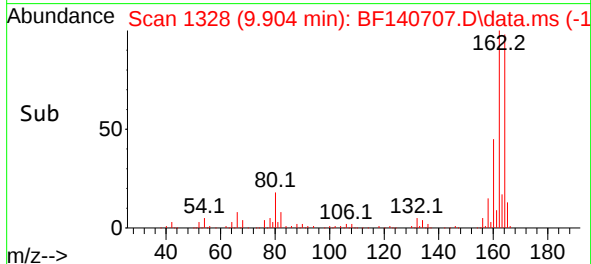
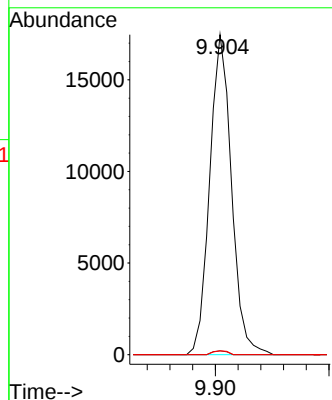
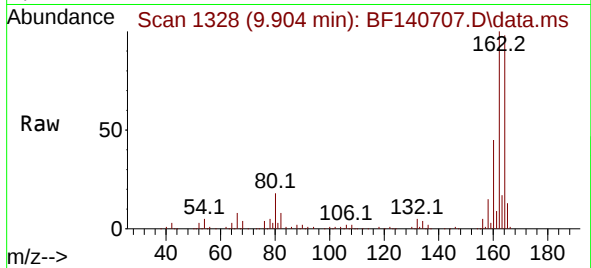




#51
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

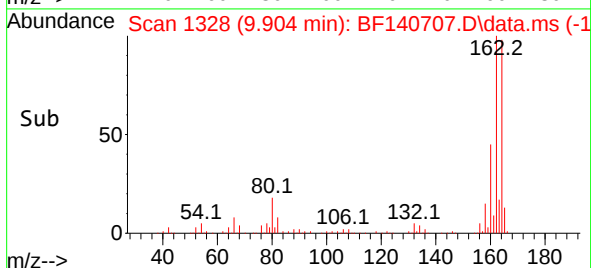
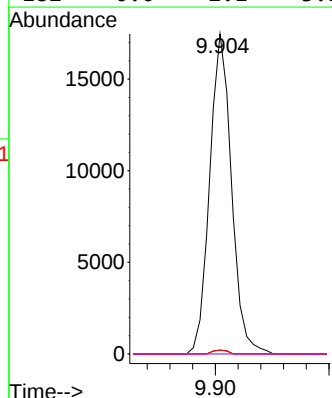
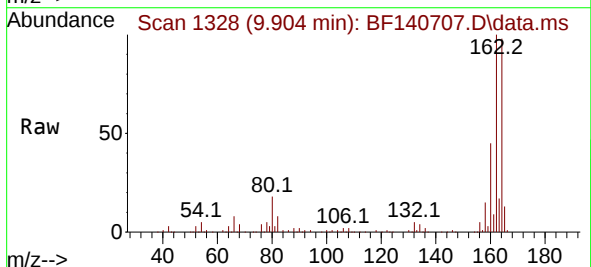
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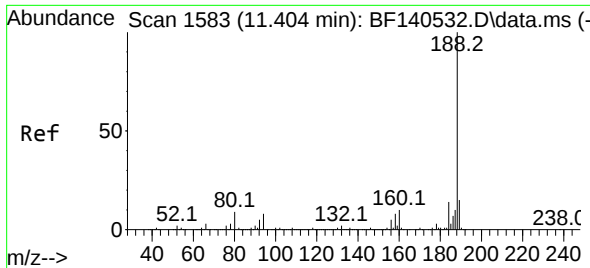
Tgt Ion:165 Resp: 23260
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.2 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.516 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion:165 Resp: 23260
Ion Ratio Lower Upper
165 100
63 1.2 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#

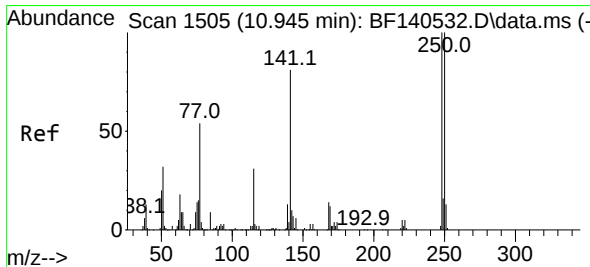
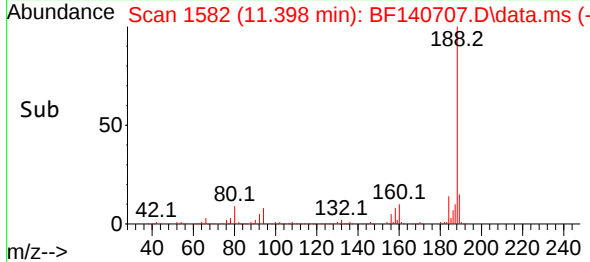
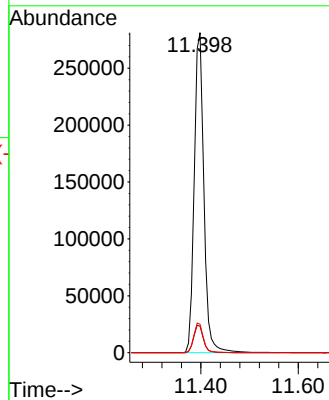
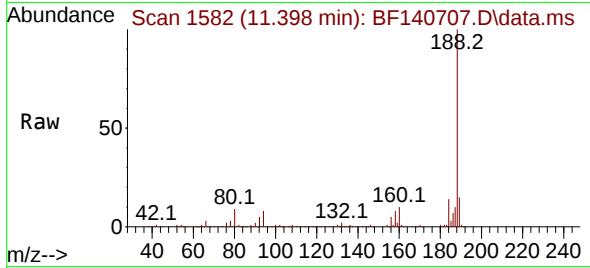




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

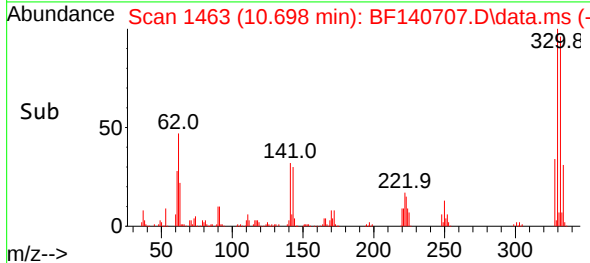
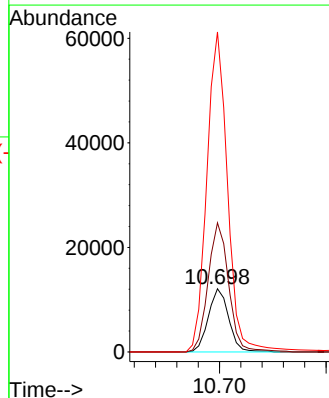
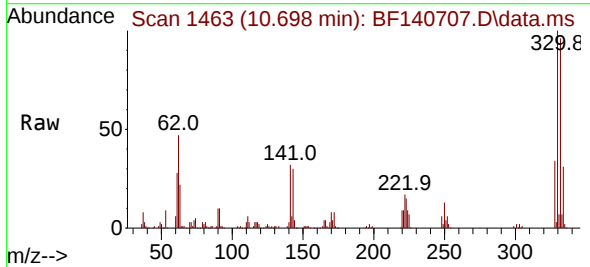
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BNA_F
ClientSampleId :
PB165297TB

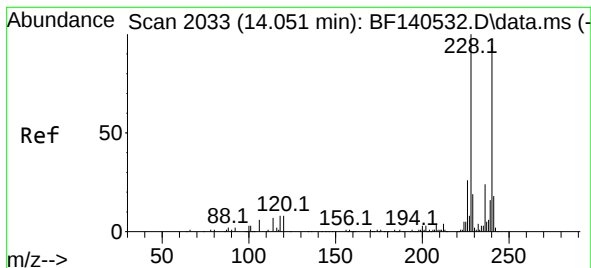
Tgt Ion:188 Resp: 389784
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.9 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.006 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion:248 Resp: 16080
Ion Ratio Lower Upper
248 100
250 204.5 79.8 119.8#
141 506.7 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB165297TB

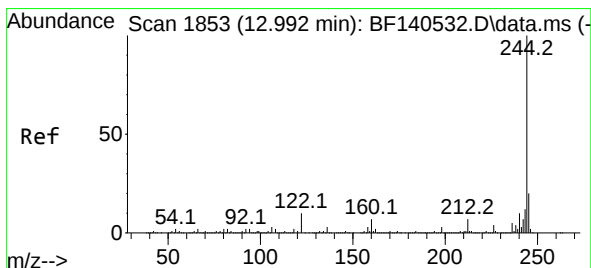
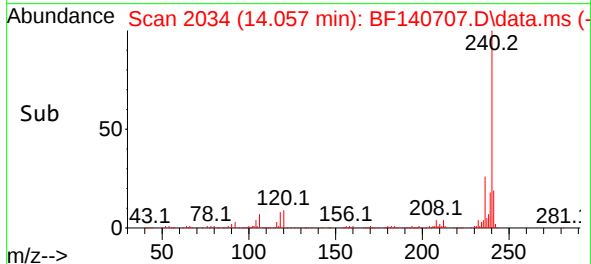
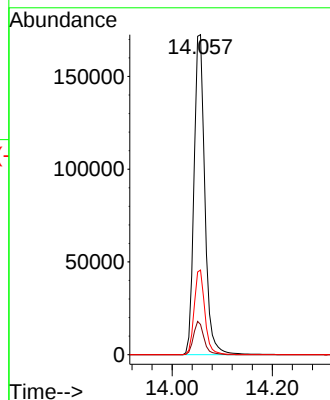
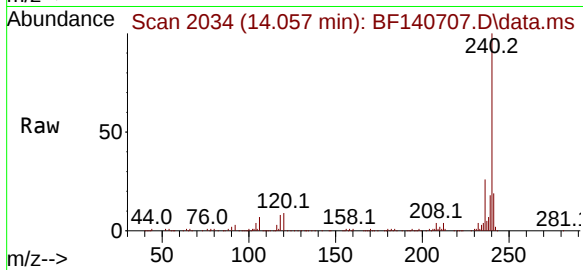
Tgt Ion:240 Resp: 258139

Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 26.5 20.6 31.0



#79

Terphenyl-d14

Concen: 92.861 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

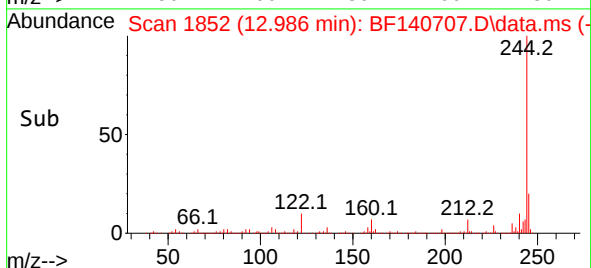
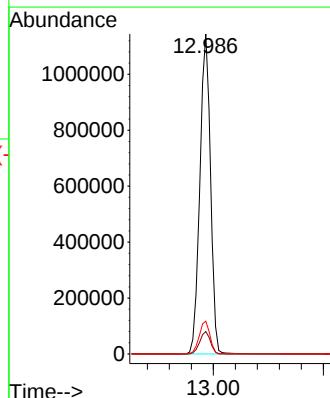
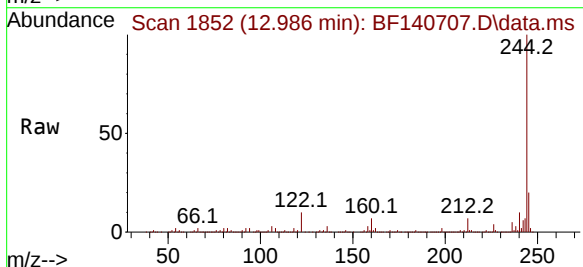
Tgt Ion:244 Resp: 1539438

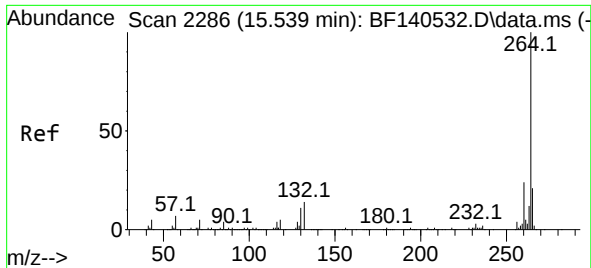
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF140707.D
 Acq: 03 Dec 2024 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB165297TB

Tgt Ion:264 Resp: 209452
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.2 16.6 25.0

