

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140367.D
 Acq On : 14 Nov 2024 17:28
 Operator : RC/JU
 Sample : PB164846BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164846BL

Quant Time: Nov 15 00:27:05 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)

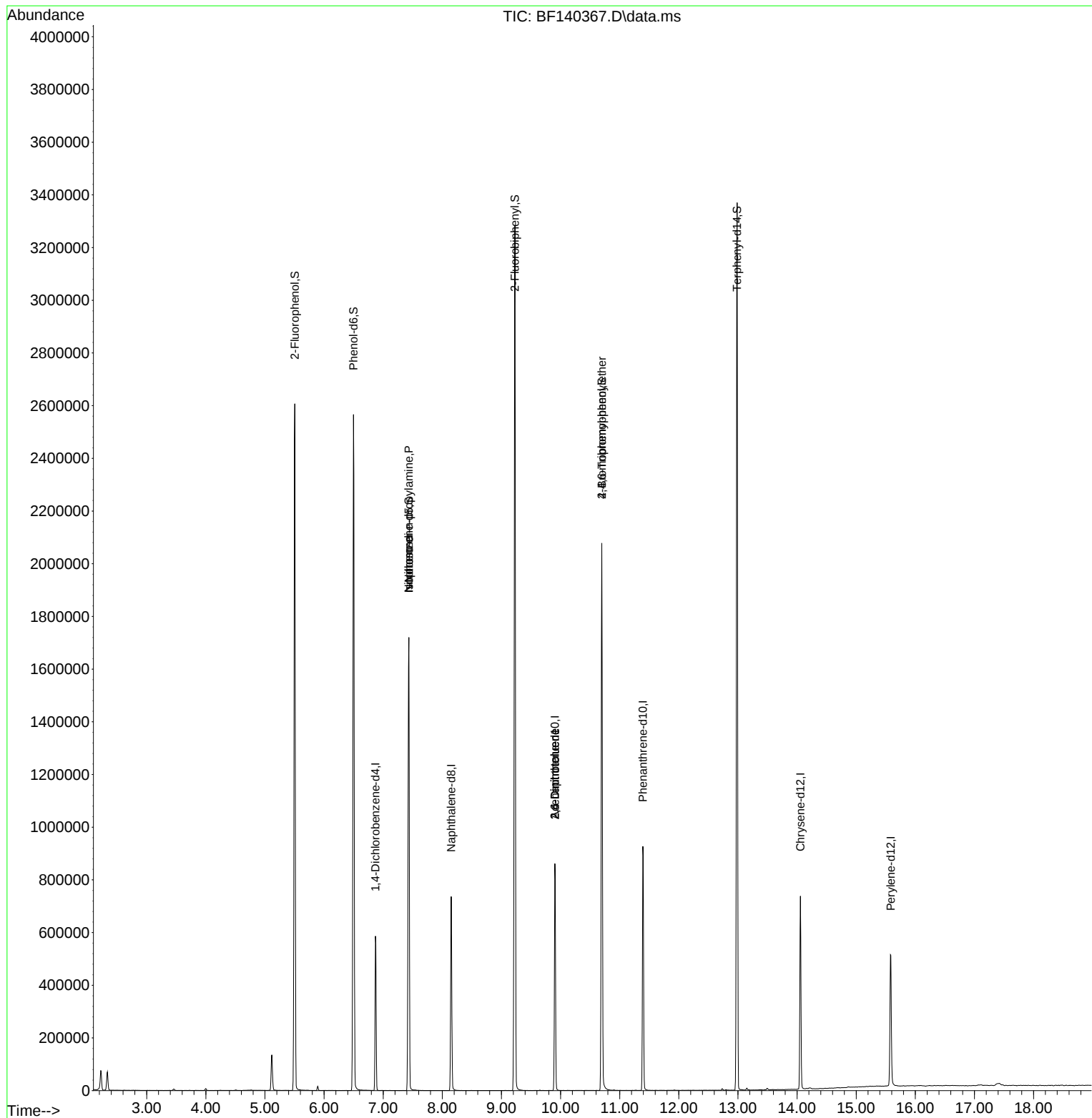
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	127444	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	481597	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	267971	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	519861	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	353605	20.000	ng	0.00
86) Perylene-d12	15.586	264	317877	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1010890	135.430	ng	0.01
7) Phenol-d6	6.498	99	1317260	130.255	ng	0.00
23) Nitrobenzene-d5	7.434	82	853691	92.359	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	359138	134.773	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1560454	93.611	ng	0.00
79) Terphenyl-d14	12.986	244	1733695	85.104	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	116662	19.101	ng	# 78
25) Isophorone	7.434	82	843191	51.471	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	35129	8.822	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	35129	6.703	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	23059	4.437	ng	# 1

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

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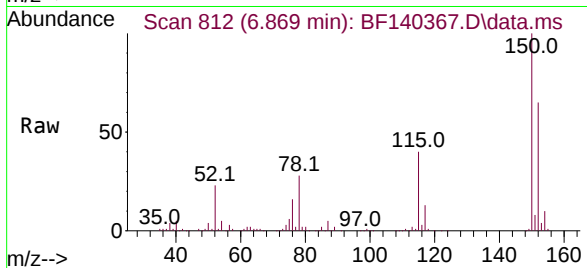
Quant Time: Nov 15 00:27:05 2024
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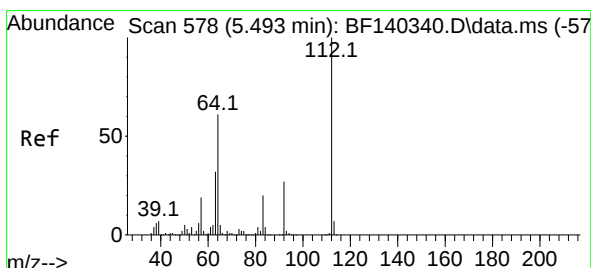
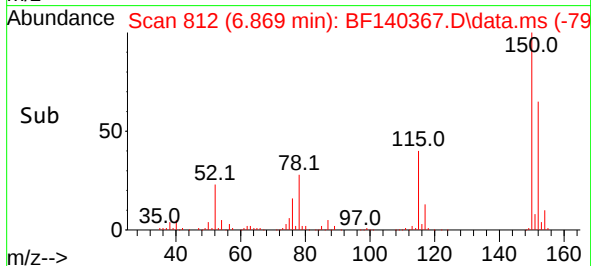
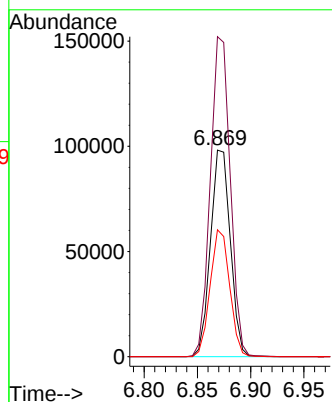


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

Instrument :
BNA_F
ClientSampleId :
PB164846BL

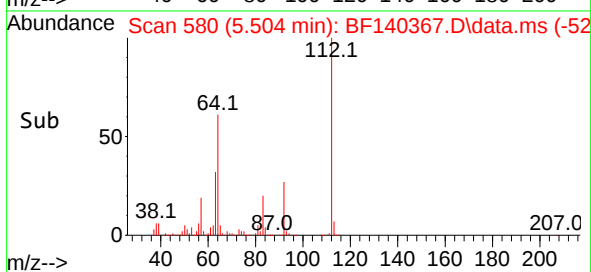
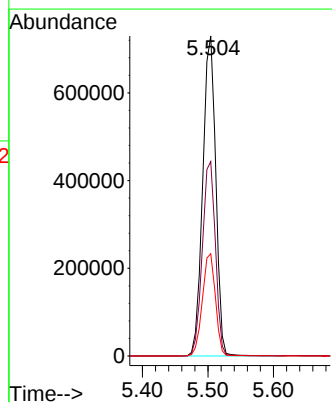
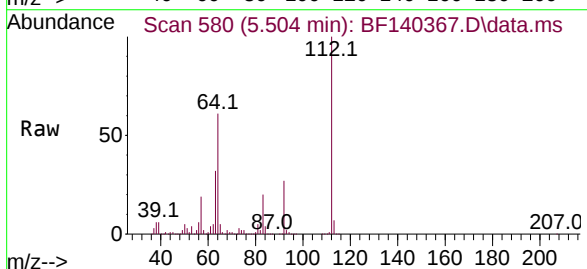


Tgt Ion:152 Resp: 127444
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 61.4 47.4 71.2



#5
2-Fluorophenol
Concen: 135.430 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

Tgt Ion:112 Resp: 1010890
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 31.9 25.6 38.4

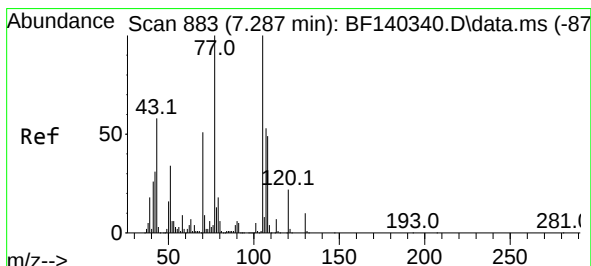
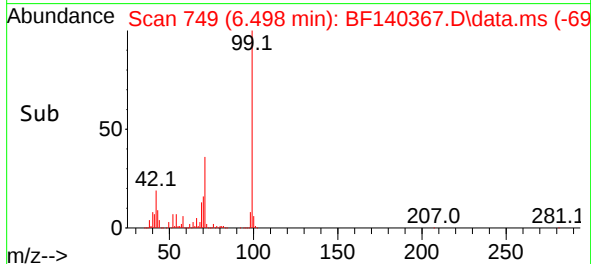
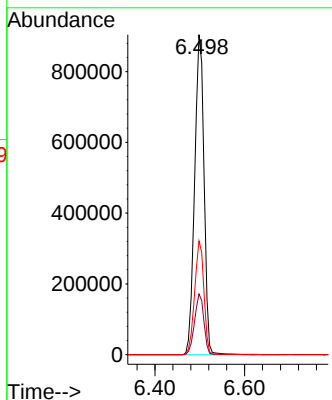
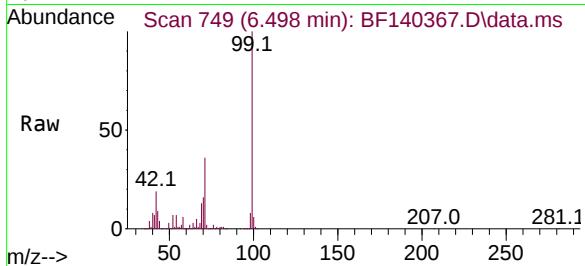




#7
Phenol-d6
Concen: 130.255 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

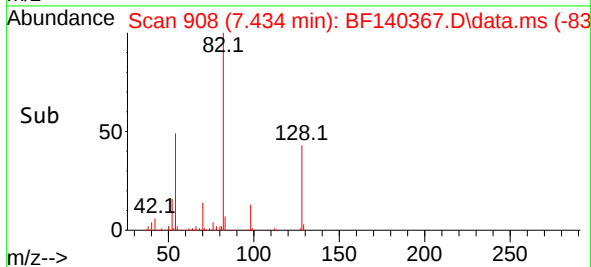
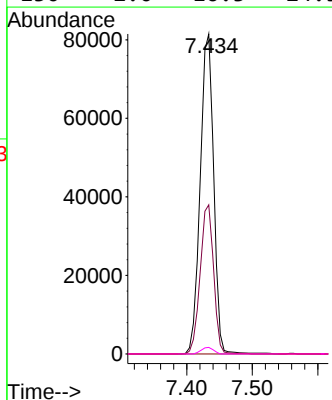
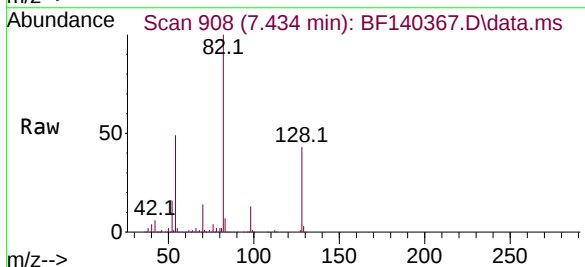
Instrument :
BNA_F
ClientSampleId :
PB164846BL

Tgt Ion: 99 Resp: 1317260
Ion Ratio Lower Upper
99 100
42 19.0 15.1 22.7
71 35.5 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.101 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

Tgt Ion: 70 Resp: 116662
Ion Ratio Lower Upper
70 100
42 46.6 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

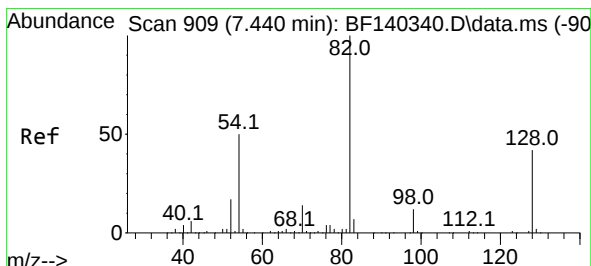
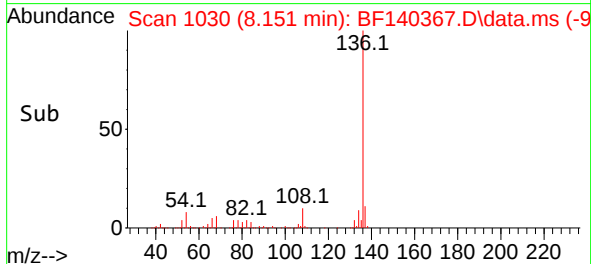
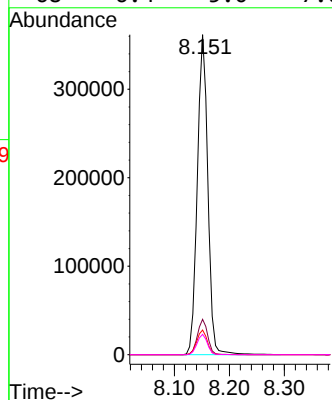
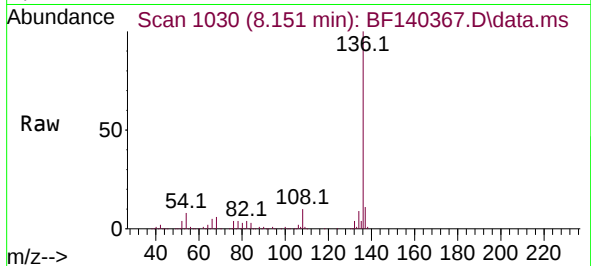




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

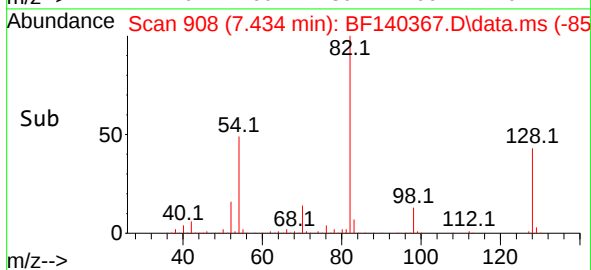
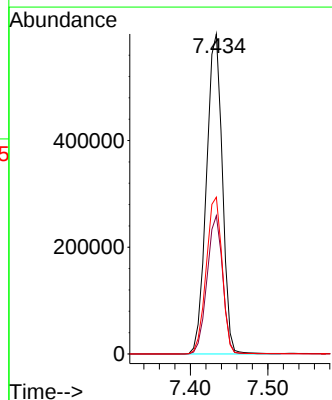
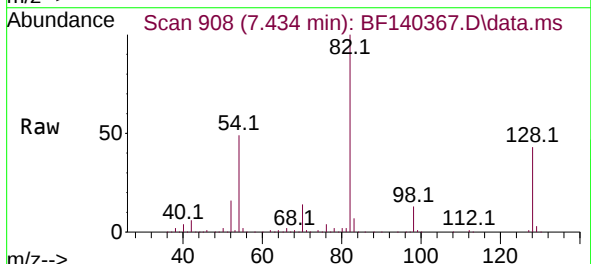
Instrument :
BNA_F
ClientSampleId :
PB164846BL

Tgt Ion:136 Resp: 481597
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.5 9.7
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.359 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

Tgt Ion: 82 Resp: 853691
Ion Ratio Lower Upper
82 100
128 43.2 33.3 49.9
54 49.0 39.8 59.8

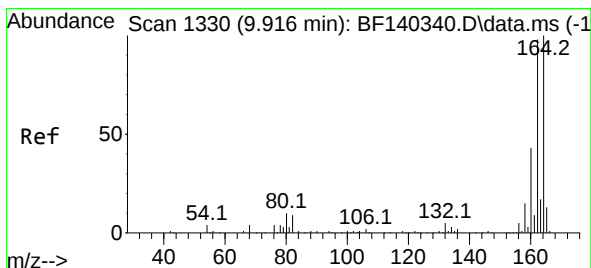
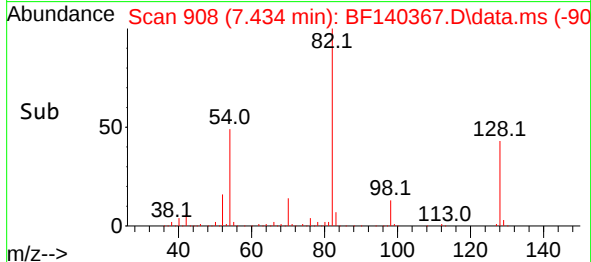
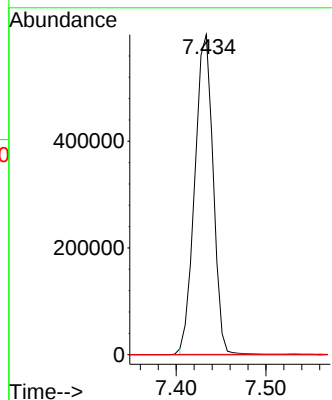
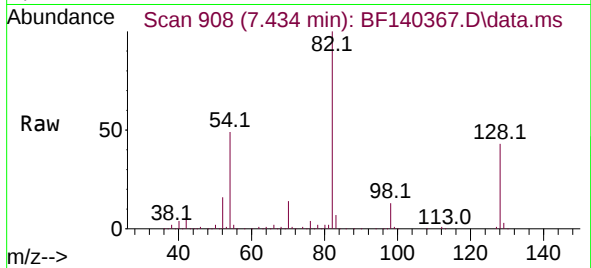




#25
Isophorone
Concen: 51.471 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

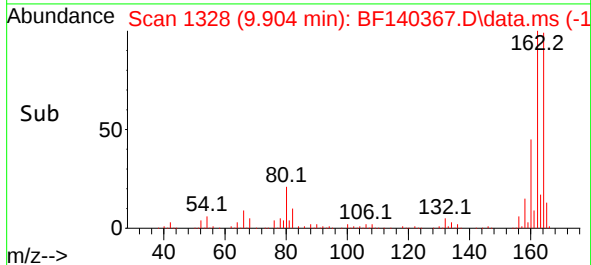
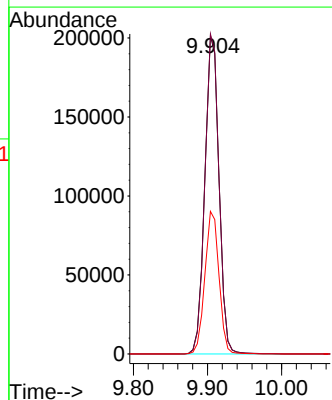
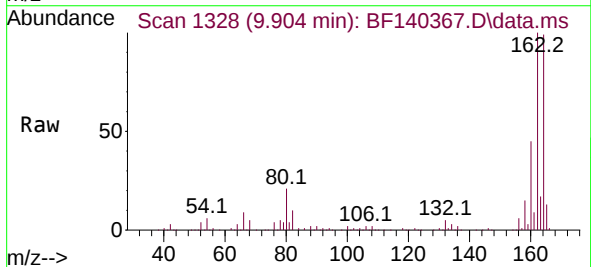
Instrument :
BNA_F
ClientSampleId :
PB164846BL

Tgt Ion: 82 Resp: 843191
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: BF140367.D
Acq: 14 Nov 2024 17:28

Tgt Ion:164 Resp: 267971
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 44.8 35.4 53.0

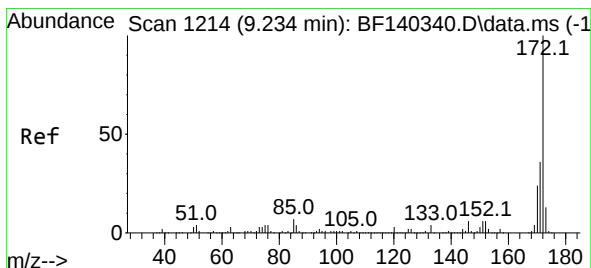
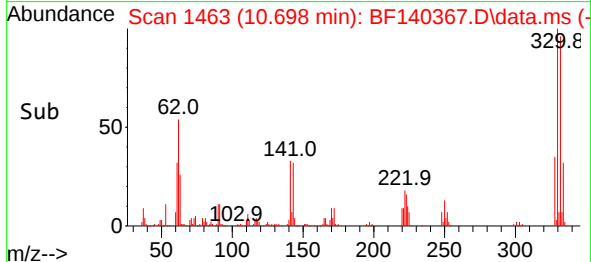
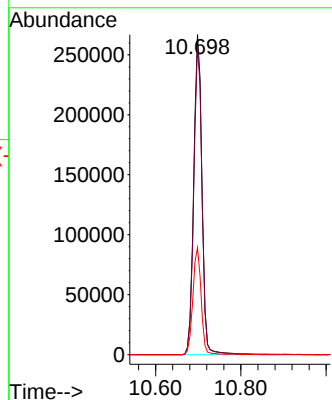
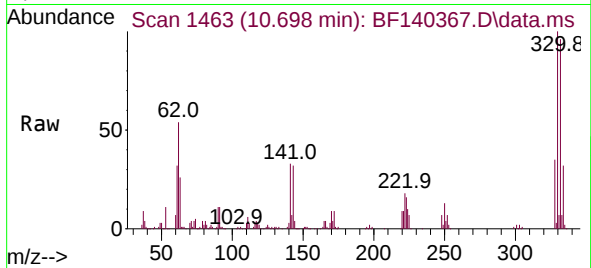




#42
2,4,6-Tribromophenol
Concen: 134.773 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

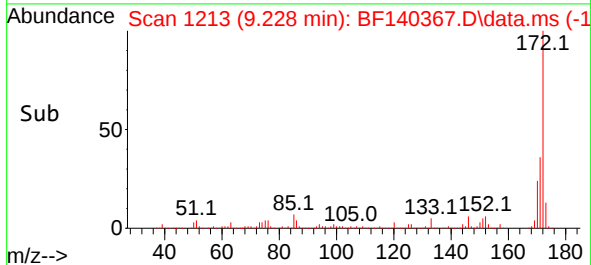
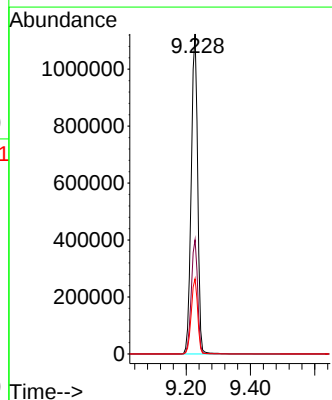
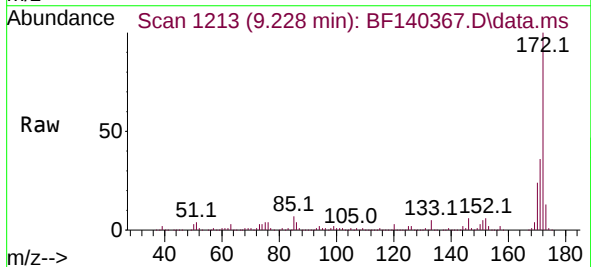
Instrument :
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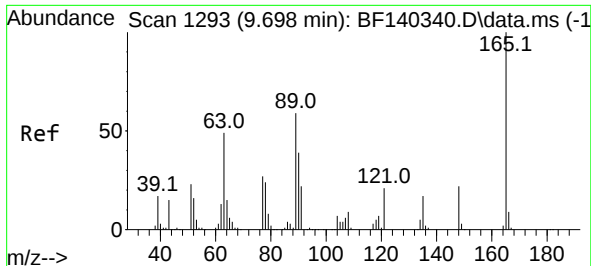
Tgt Ion:330 Resp: 359138
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 33.5 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 93.611 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

Tgt Ion:172 Resp: 1560454
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.1 28.7

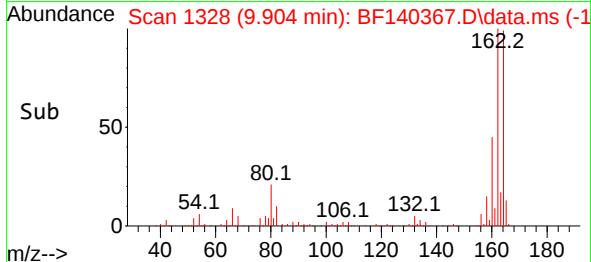
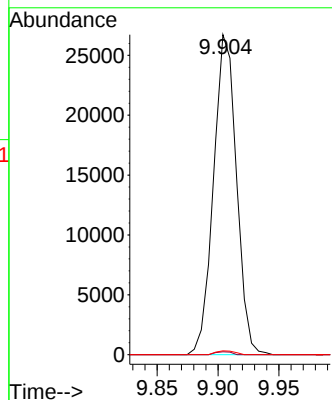
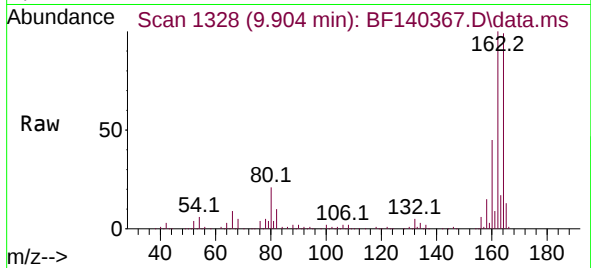




#51
2,6-Dinitrotoluene
Concen: 8.822 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

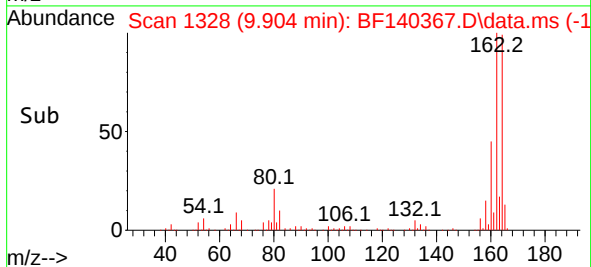
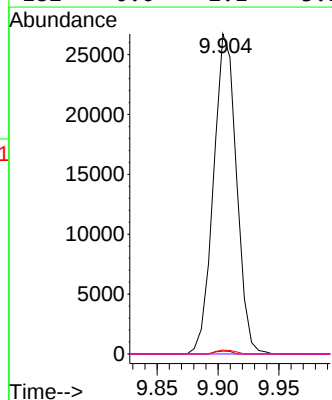
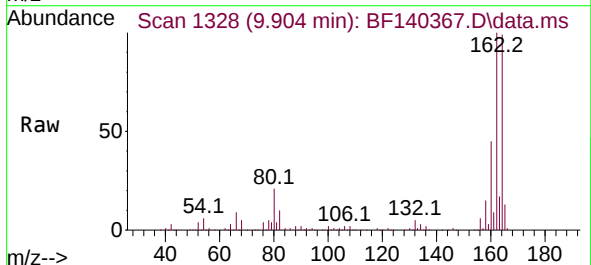
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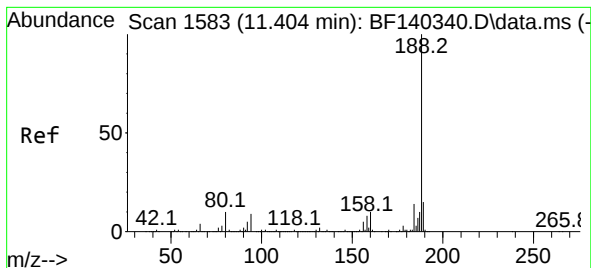
Tgt Ion:165 Resp: 35129
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140367.D
Acq: 14 Nov 2024 17:28

Tgt Ion:165 Resp: 35129
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: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140367.D

Acq: 14 Nov 2024 17:28

Instrument :

BNA_F

ClientSampleId :

PB164846BL

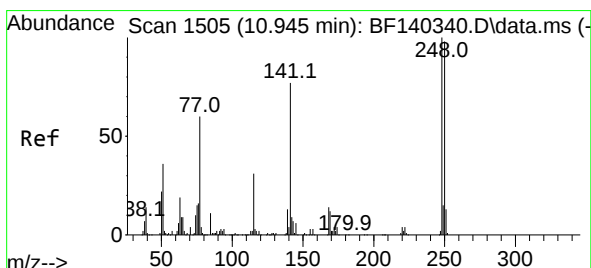
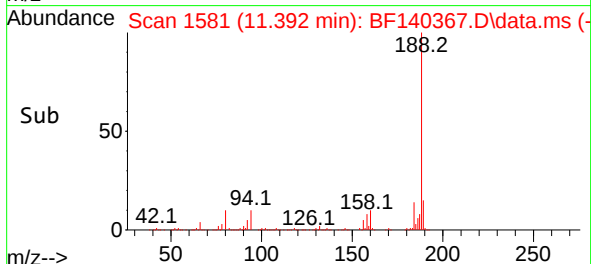
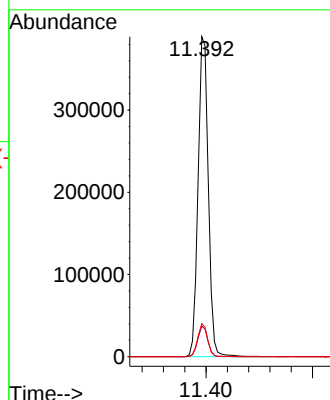
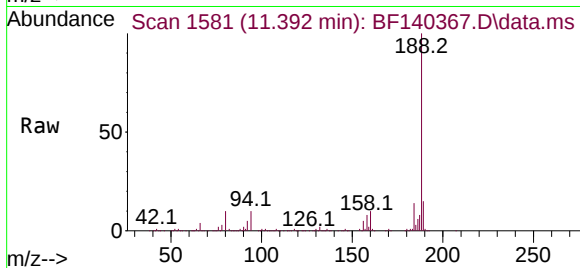
Tgt Ion:188 Resp: 519861

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.4 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.437 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140367.D

Acq: 14 Nov 2024 17:28

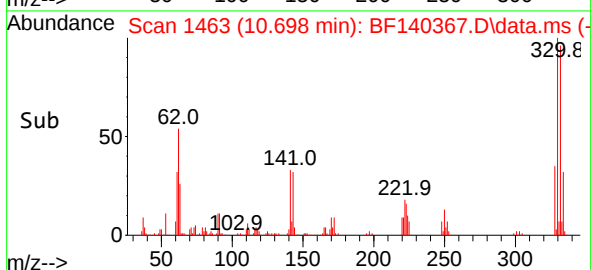
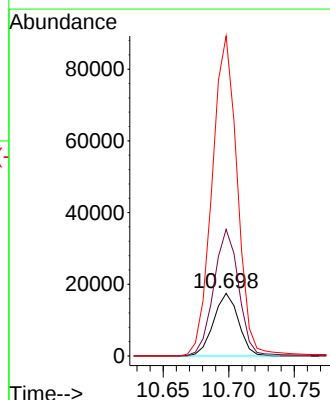
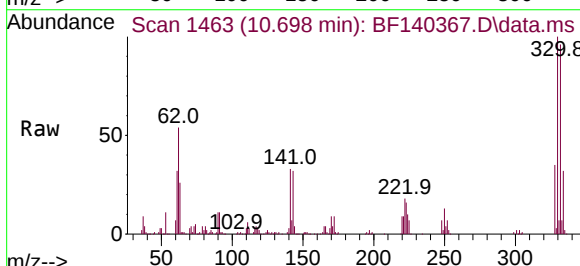
Tgt Ion:248 Resp: 23059

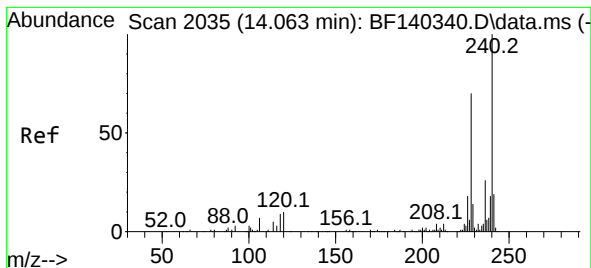
Ion Ratio Lower Upper

248 100

250 202.3 77.9 116.9#

141 511.1 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140367.D

Acq: 14 Nov 2024 17:28

Instrument :

BNA_F

ClientSampleId :

PB164846BL

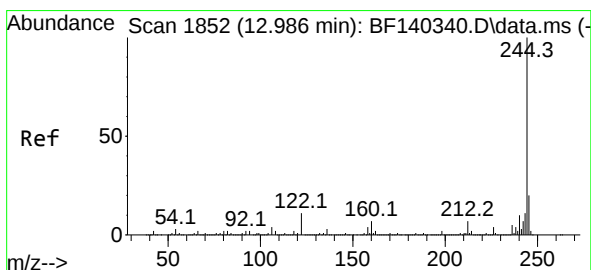
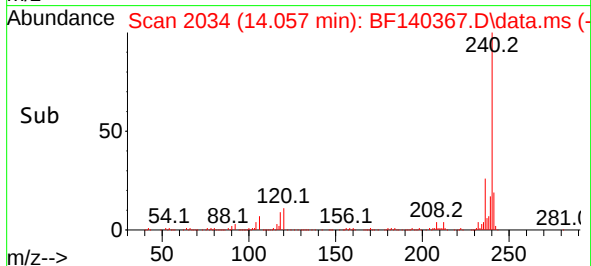
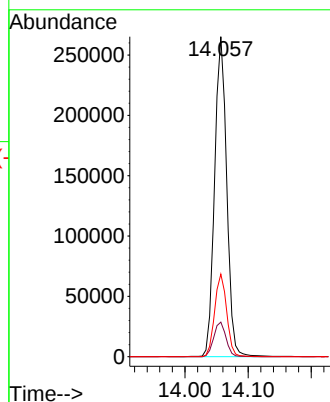
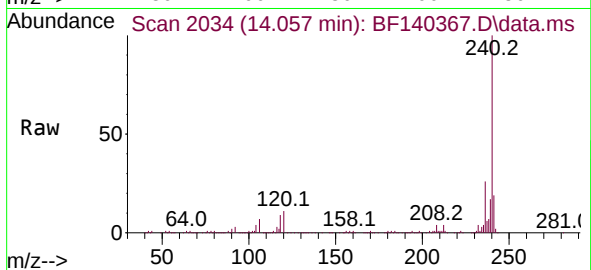
Tgt Ion:240 Resp: 353605

Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 85.104 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140367.D

Acq: 14 Nov 2024 17:28

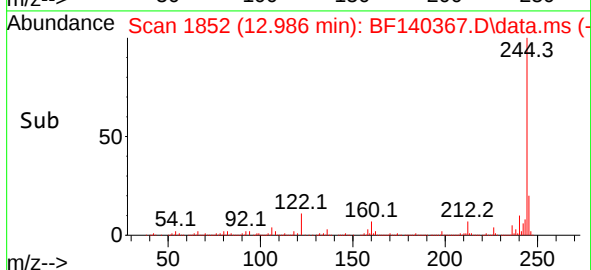
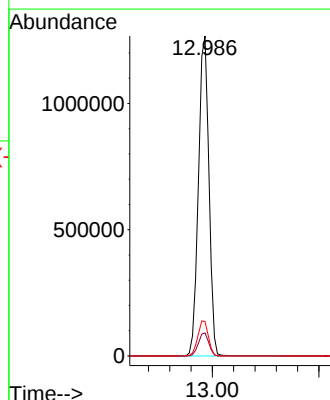
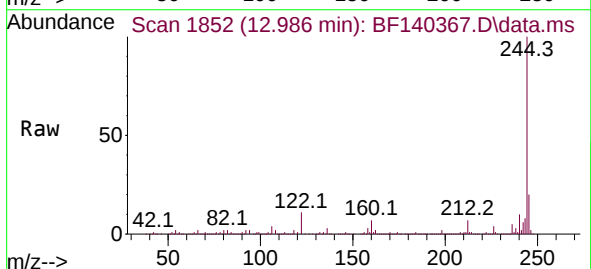
Tgt Ion:244 Resp: 1733695

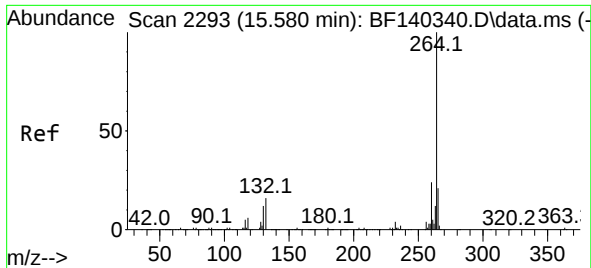
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

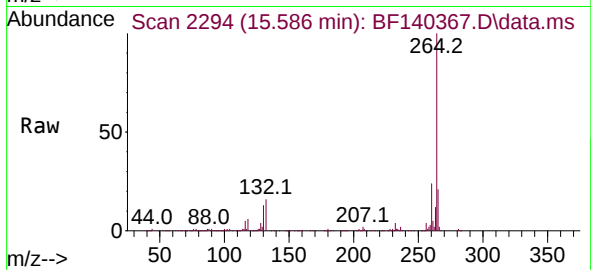
122 10.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF140367.D
 Acq: 14 Nov 2024 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB164846BL



Tgt Ion:264 Resp: 317877

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.1	25.7

