

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140402.D
 Acq On : 15 Nov 2024 14:36
 Operator : RC/JU
 Sample : P4807-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Nov 15 15:04:42 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)

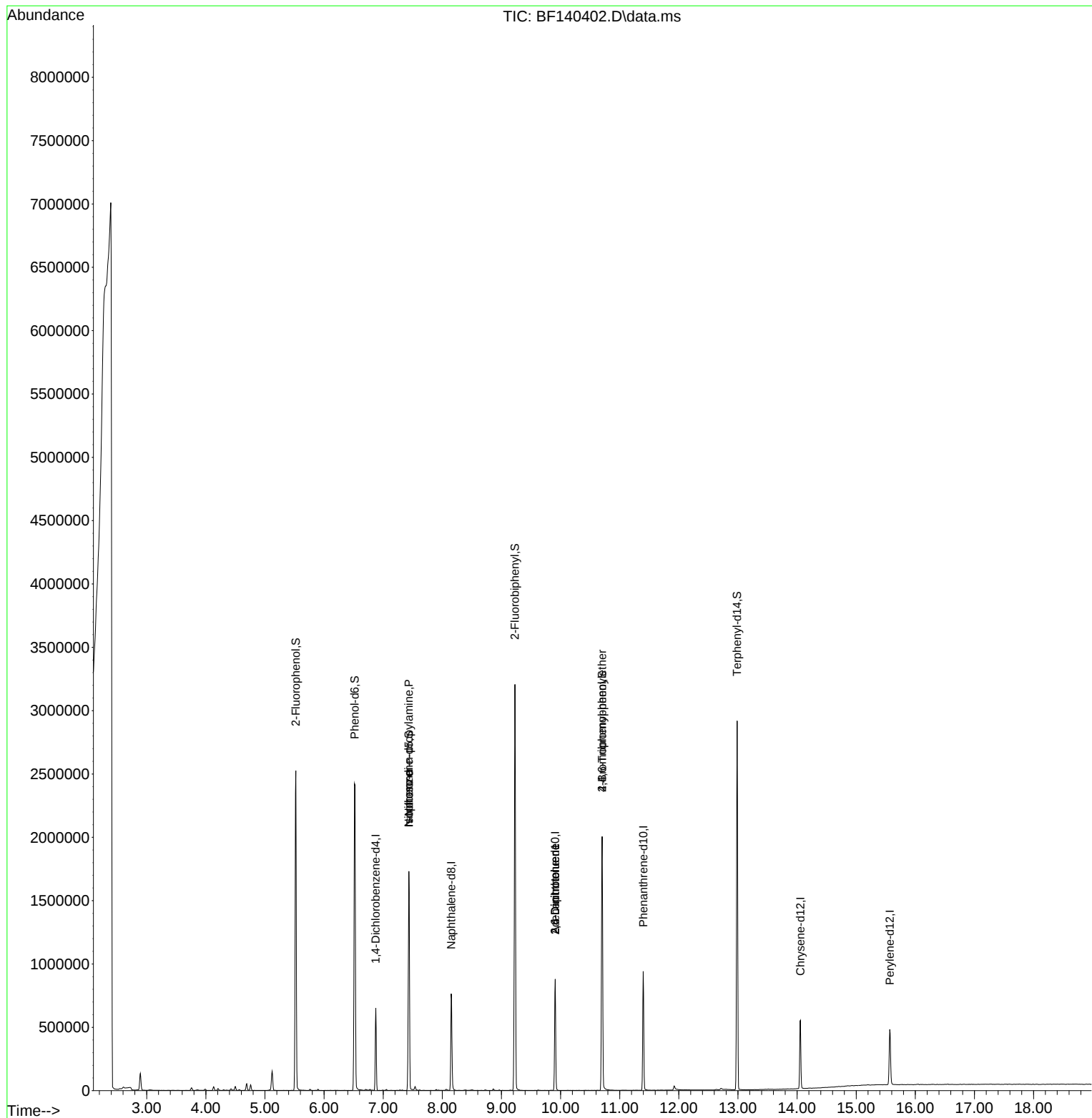
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	133072	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	498664	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	269319	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	498263	20.000	ng	0.00
76) Chrysene-d12	14.057	240	271161	20.000	ng	0.00
86) Perylene-d12	15.568	264	273852	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	965324	123.856	ng	0.03
7) Phenol-d6	6.516	99	1268005	120.082	ng	0.01
23) Nitrobenzene-d5	7.434	82	825627	86.265	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	349852	130.631	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1473422	87.948	ng	0.00
79) Terphenyl-d14	12.986	244	1411206	90.336	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	111931	17.551	ng	# 77
25) Isophorone	7.434	82	817101	48.172	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	35622	8.901	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	35622	6.763	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	22389	4.495	ng	# 1

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

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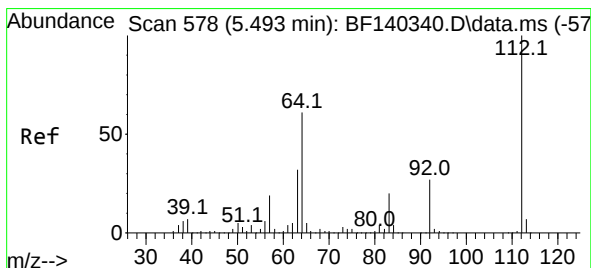
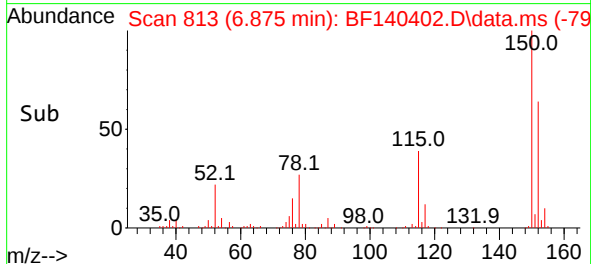
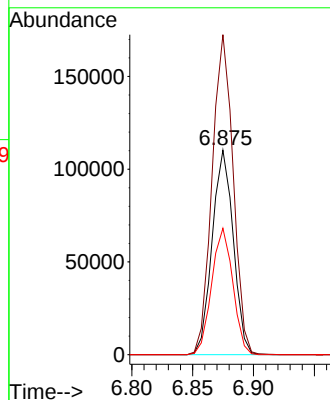
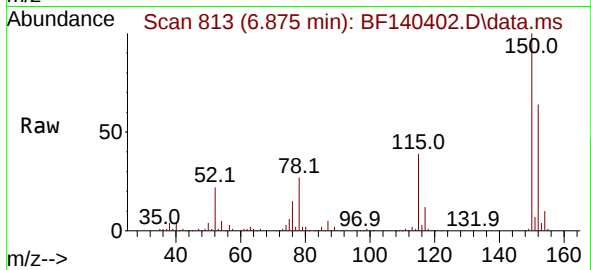




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

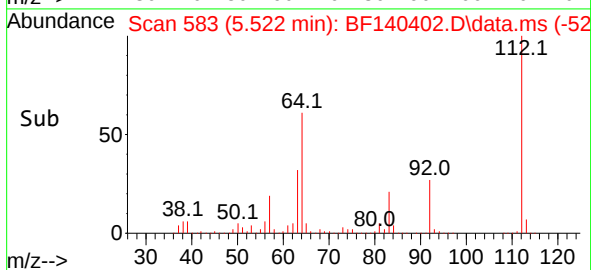
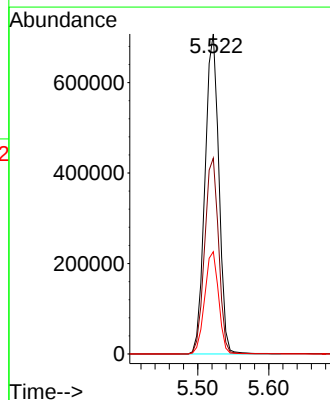
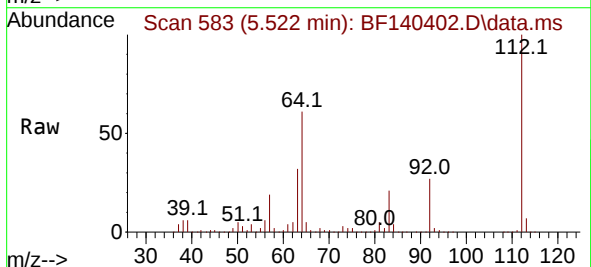
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 133072
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 61.8 47.4 71.2



#5
2-Fluorophenol
Concen: 123.856 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Tgt Ion:112 Resp: 965324
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.0 25.6 38.4



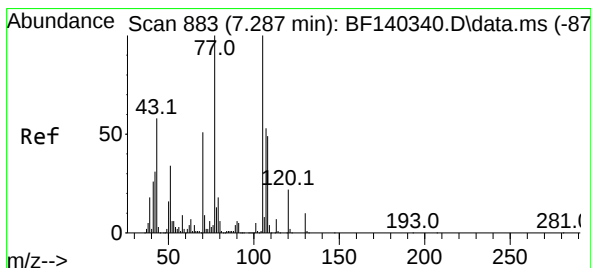
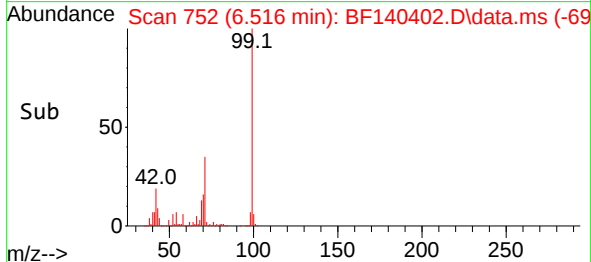
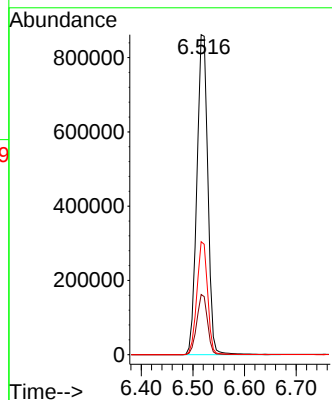
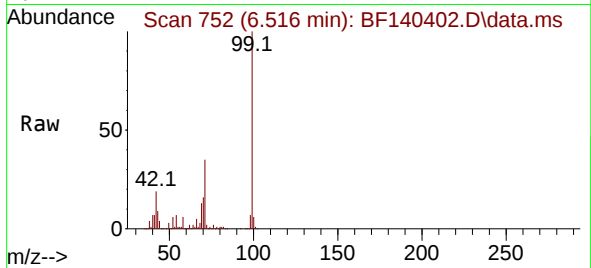


#7
Phenol-d6
Concen: 120.082 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 1268005

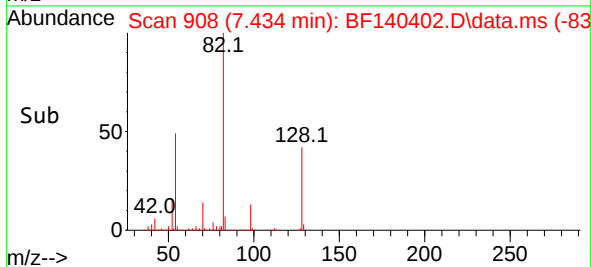
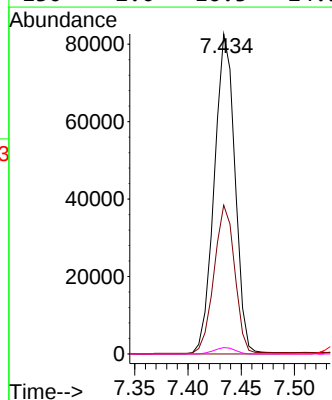
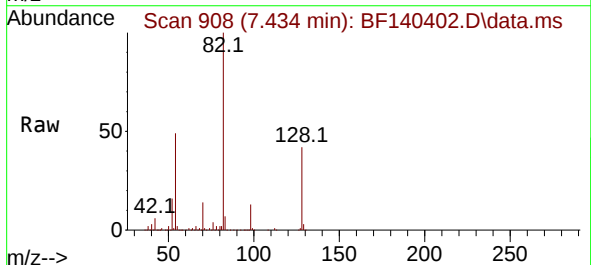
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	35.3	27.9	41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.551 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Tgt Ion: 70 Resp: 111931

Ion	Ratio	Lower	Upper
70	100		
42	46.5	46.8	70.2#
101	0.0	7.5	11.3#
130	2.0	16.3	24.5#



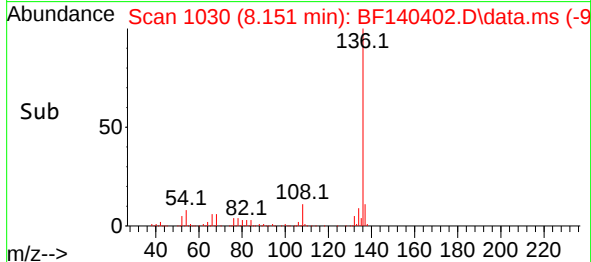
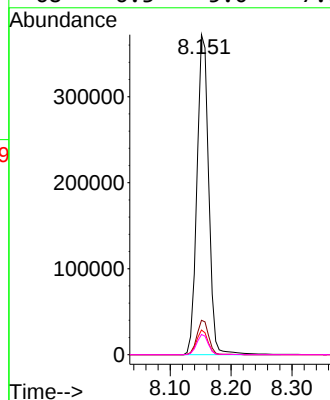
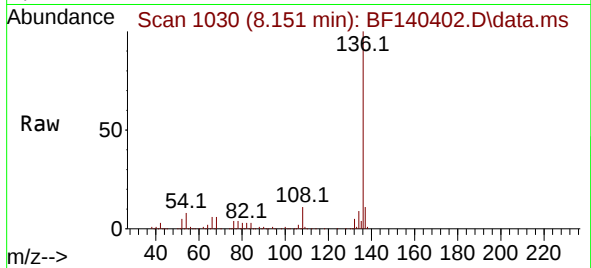


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:136 Resp: 498664

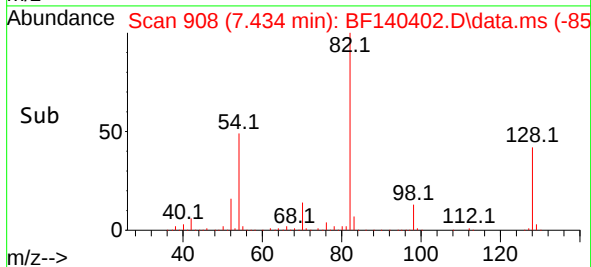
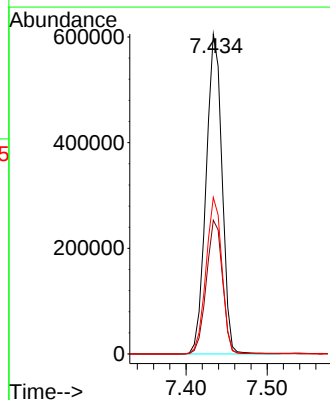
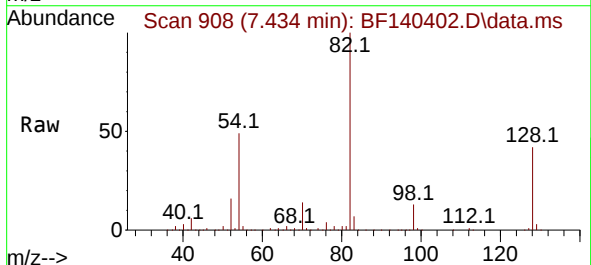
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.7	6.5	9.7
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 86.265 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Tgt Ion: 82 Resp: 825627

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	48.9	39.8	59.8

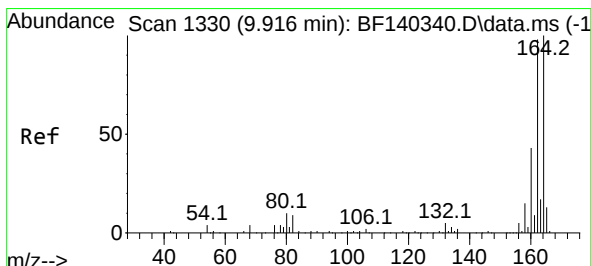
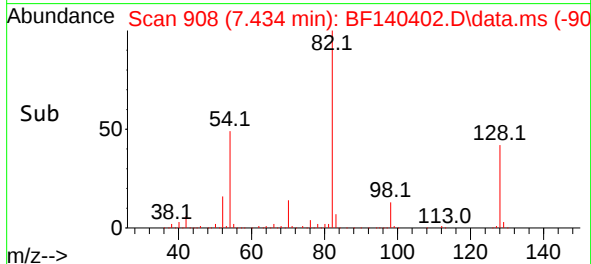
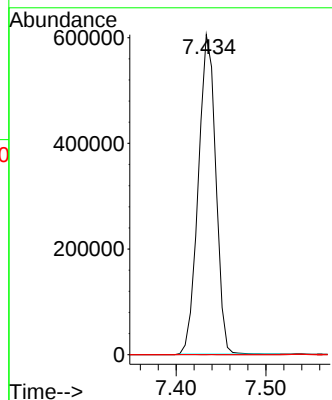
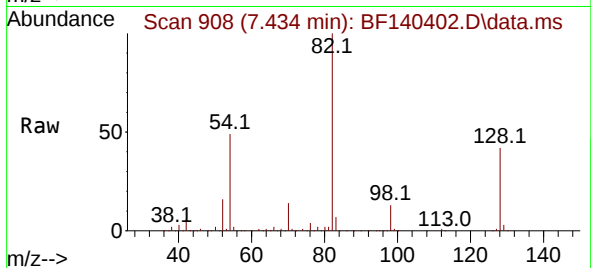




#25
Isophorone
Concen: 48.172 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

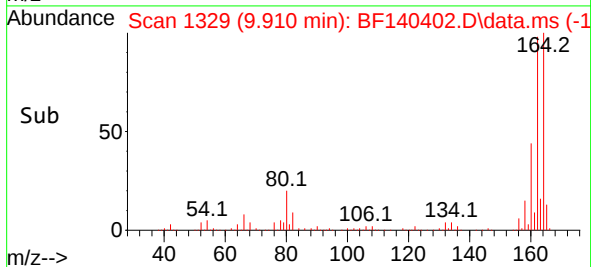
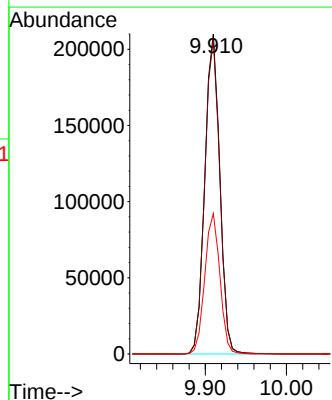
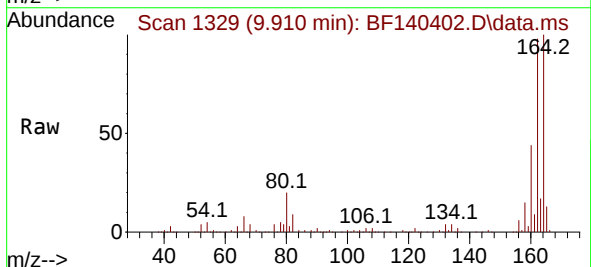
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 82 Resp: 817101
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: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Tgt Ion:164 Resp: 269319
Ion Ratio Lower Upper
164 100
162 98.1 79.8 119.8
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.631 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140402.D

Acq: 15 Nov 2024 14:36

Instrument :

BNA_F

ClientSampleId :

TP-7

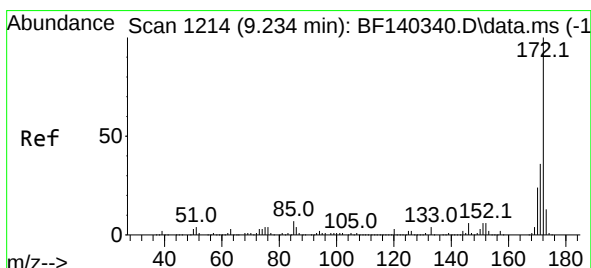
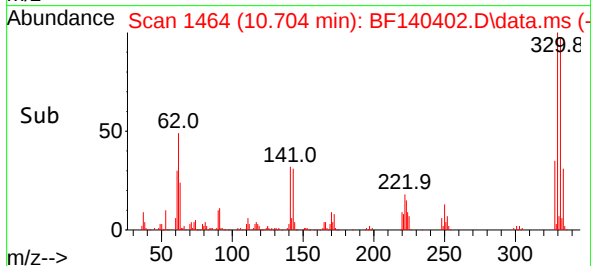
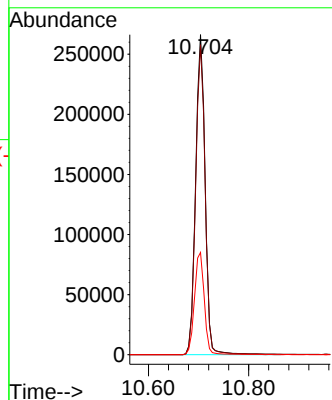
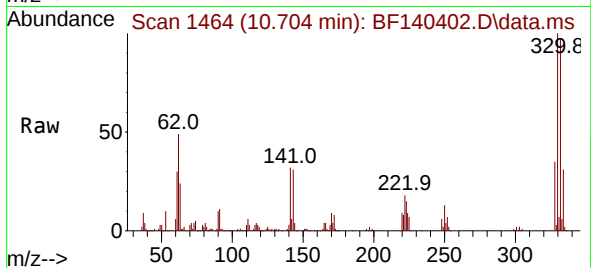
Tgt Ion:330 Resp: 349852

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 32.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 87.948 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140402.D

Acq: 15 Nov 2024 14:36

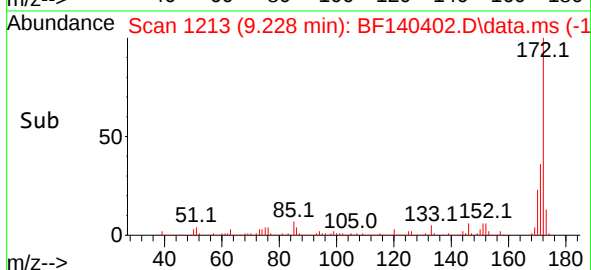
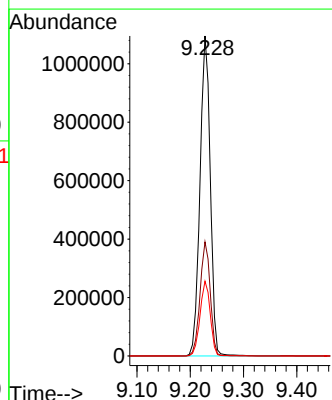
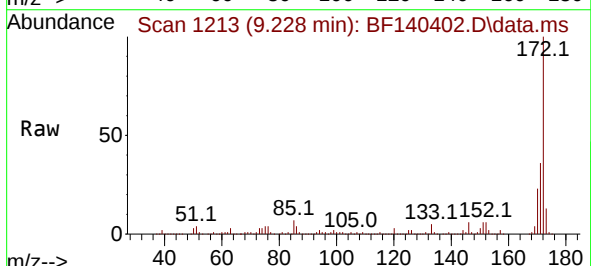
Tgt Ion:172 Resp: 1473422

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.4 19.1 28.7

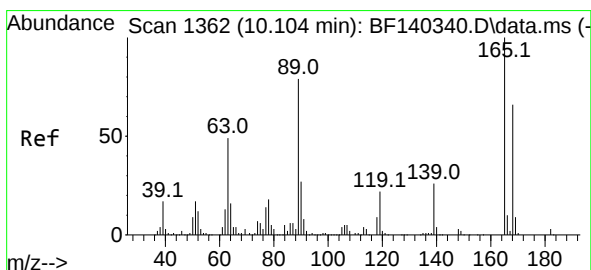
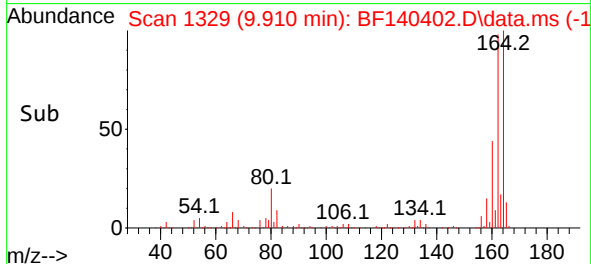
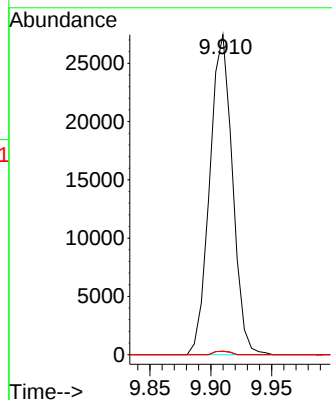
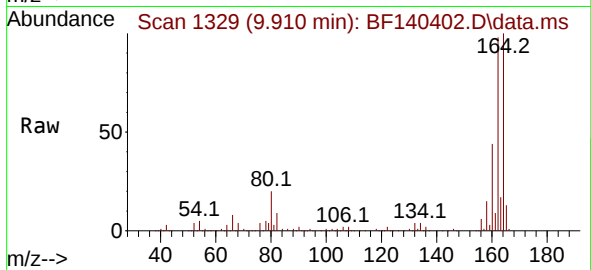




#51
2,6-Dinitrotoluene
Concen: 8.901 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

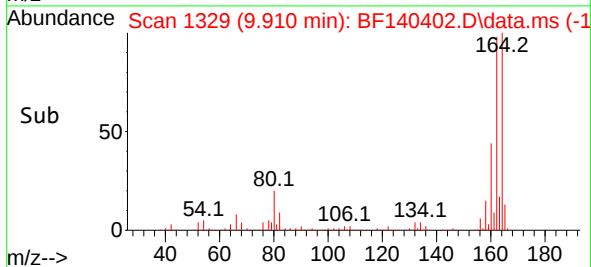
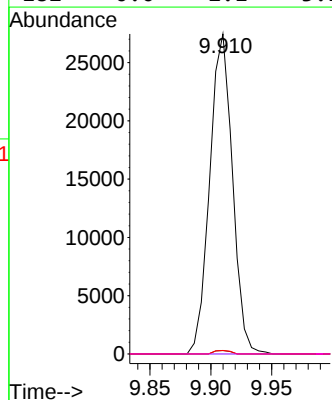
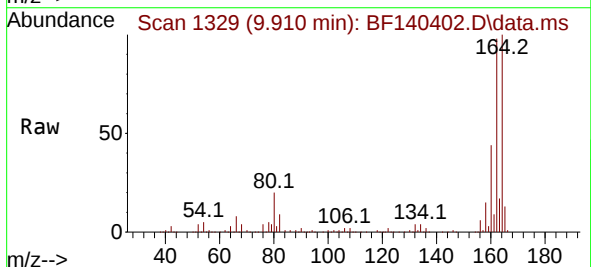
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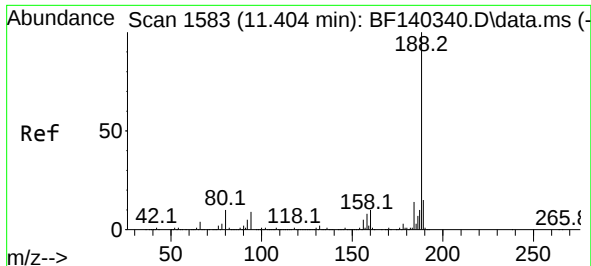
Tgt Ion:165 Resp: 35622
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.763 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Tgt Ion:165 Resp: 35622
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

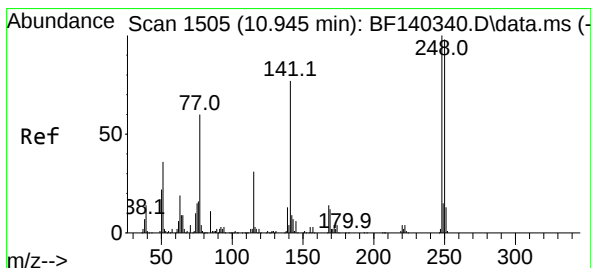
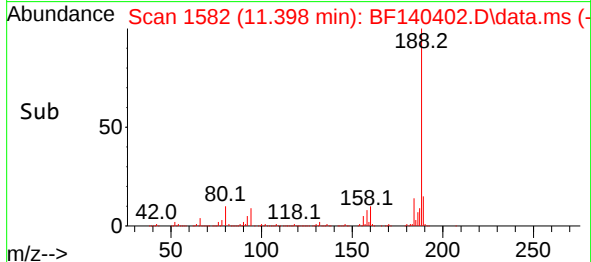
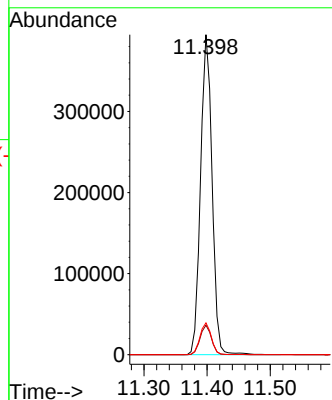
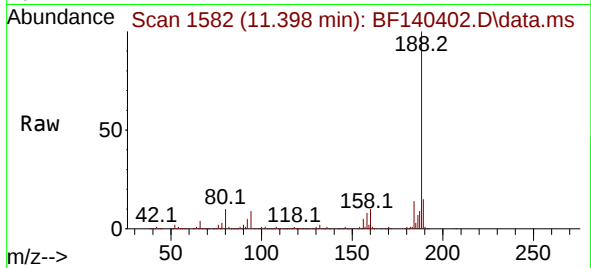




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

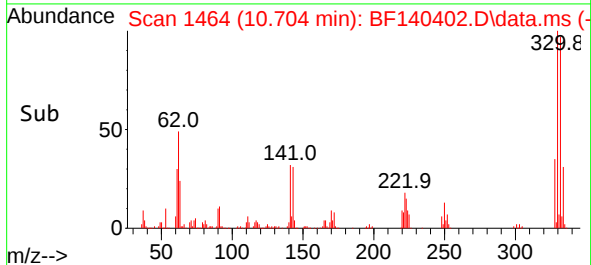
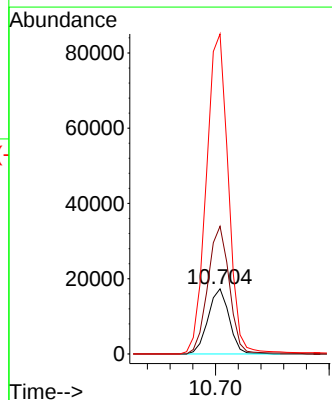
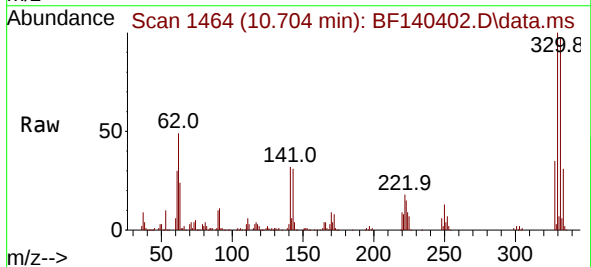
Instrument :
BNA_F
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TP-7

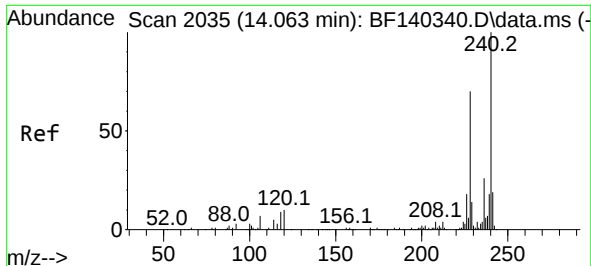
Tgt Ion:188 Resp: 498263
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.0 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.495 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Tgt Ion:248 Resp: 22389
Ion Ratio Lower Upper
248 100
250 196.3 77.9 116.9#
141 491.7 61.8 92.6#

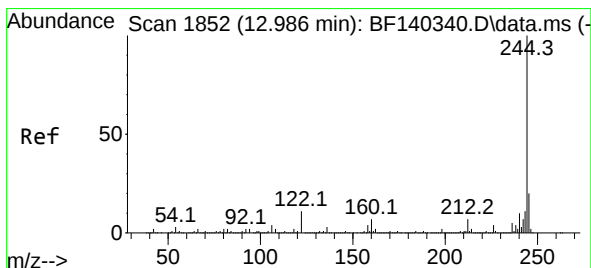
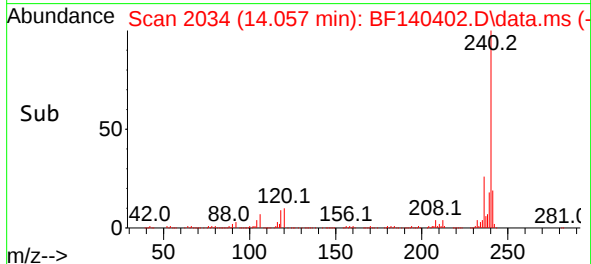
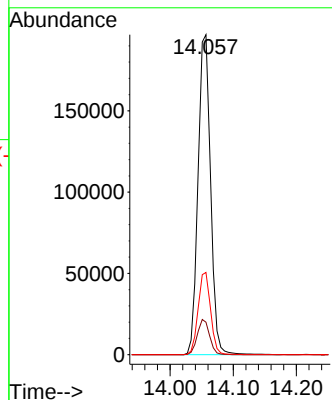
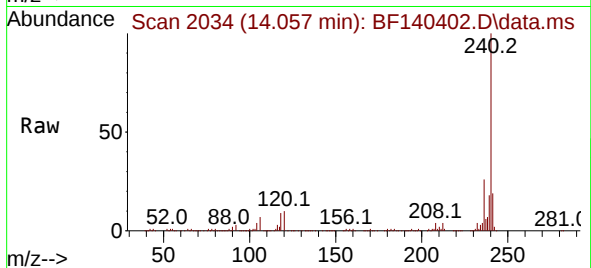




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

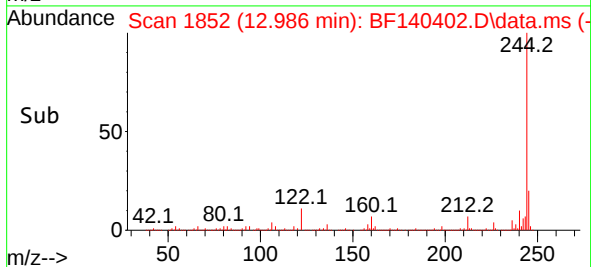
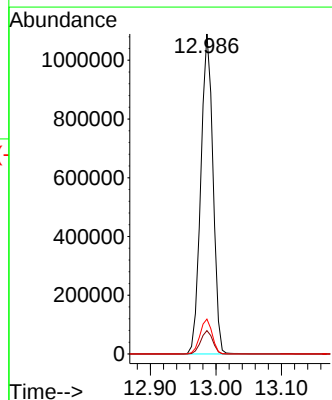
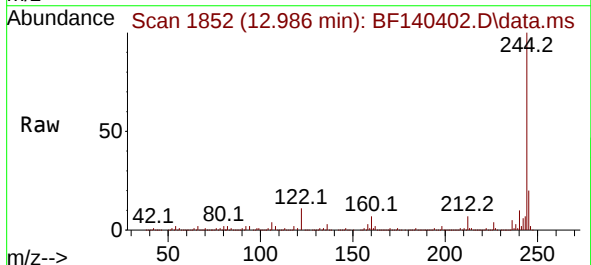
Instrument :
BNA_F
ClientSampleId :
TP-7

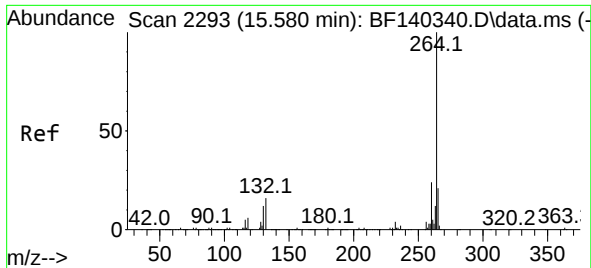
Tgt Ion:240 Resp: 271161
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 90.336 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

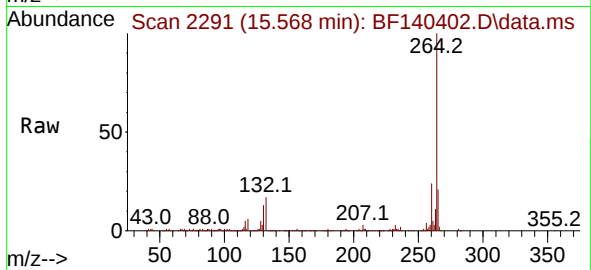
Tgt Ion:244 Resp: 1411206
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140402.D
Acq: 15 Nov 2024 14:36

Instrument :
BNA_F
ClientSampleId :
TP-7



Tgt Ion:	264	Resp:	273852
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	20.9	17.1	25.7

