

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140520.D
 Acq On : 21 Nov 2024 00:24
 Operator : RC/JU
 Sample : P4887-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 02:28:36 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)

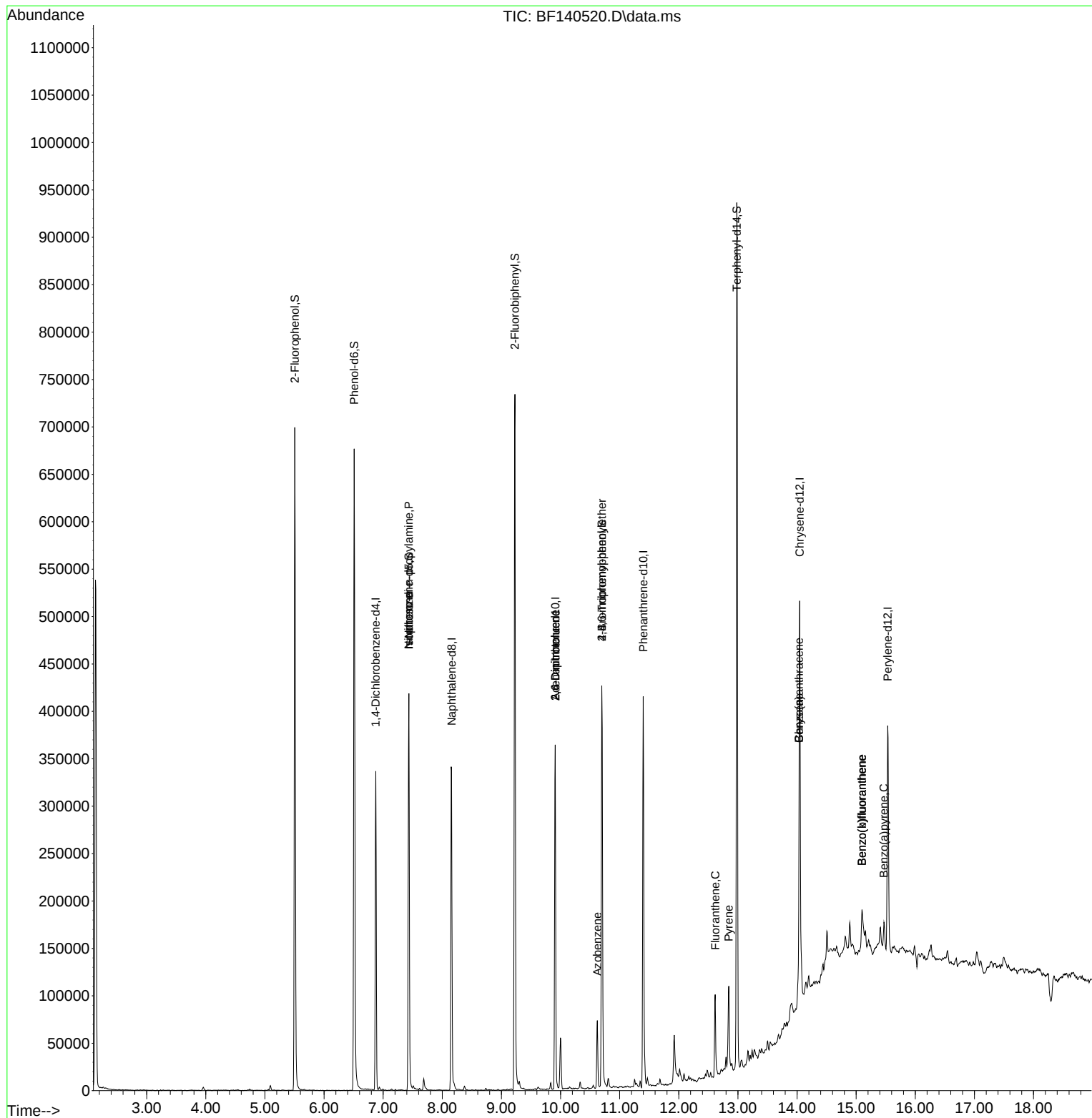
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69026	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	234123	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112914	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223703	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191311	20.000	ng	0.00
86) Perylene-d12	15.533	264	143350	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	257988	63.814	ng	0.01
7) Phenol-d6	6.510	99	316387	57.763	ng	0.00
23) Nitrobenzene-d5	7.434	82	191054	42.518	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	75216	66.987	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	346653	49.353	ng	0.00
79) Terphenyl-d14	12.980	244	453816	41.175	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	25944	7.843	ng	# 75
25) Isophorone	7.434	82	184552	23.174	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14399	8.582	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	14399	6.521	ng	# 21
63) Azobenzene	10.622	77	20202	2.717	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	4978	2.226	ng	# 1
75) Fluoranthene	12.616	202	50096	4.249	ng	99
78) Pyrene	12.845	202	51556	3.151	ng	98
81) Benzo(a)anthracene	14.033	228	28835	2.293	ng	96
83) Chrysene	14.033	228	28835	2.513	ng	95
88) Benzo(b)fluoranthene	15.098	252	32430	3.458	ng	# 89
89) Benzo(k)fluoranthene	15.098	252	32430	4.233	ng	# 88
90) Benzo(a)pyrene	15.469	252	16937	2.326	ng	# 86

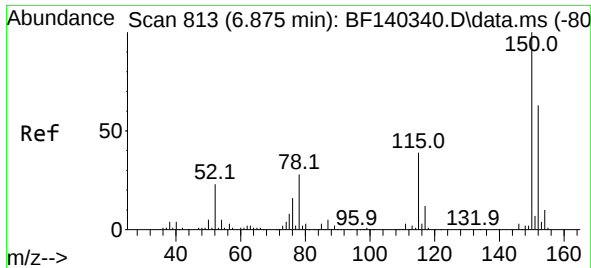
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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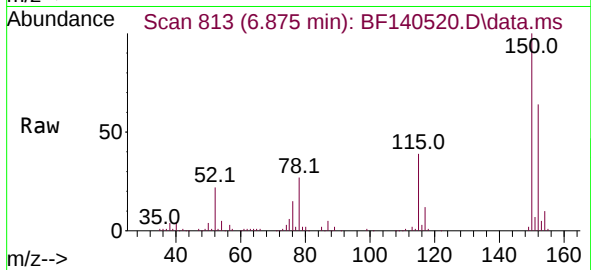
Quant Time: Nov 21 02:28:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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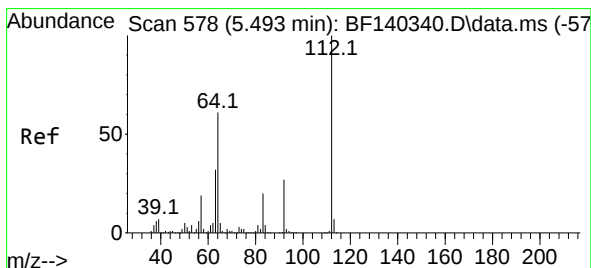
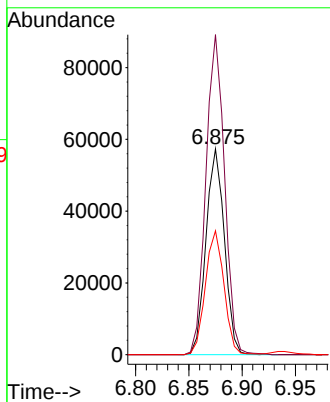
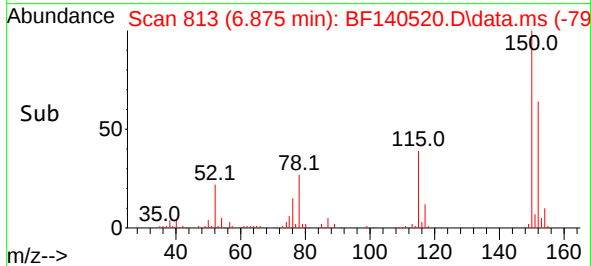


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :

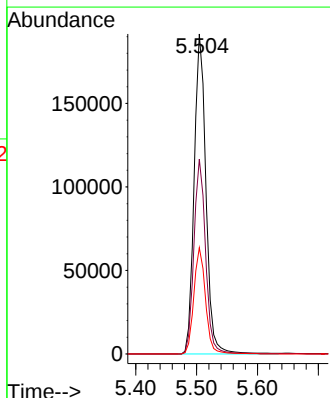
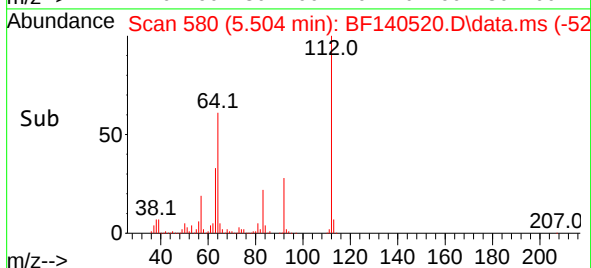
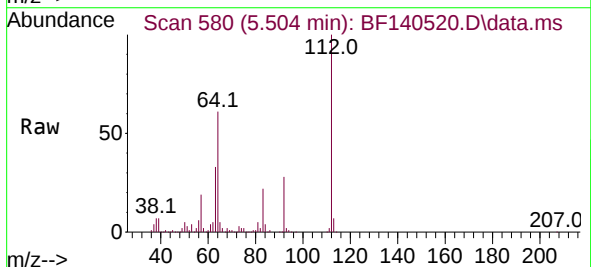


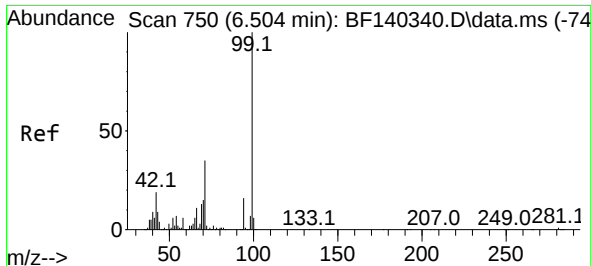
Tgt Ion:152 Resp: 69026
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 60.2 47.4 71.2



#5
2-Fluorophenol
Concen: 63.814 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

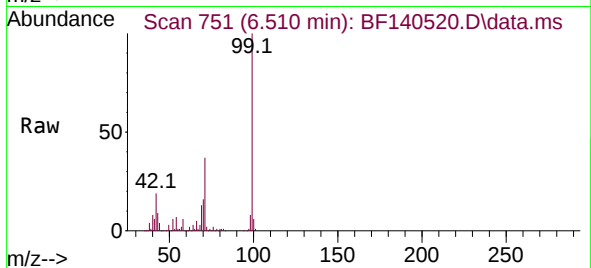
Tgt Ion:112 Resp: 257988
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 33.2 25.6 38.4



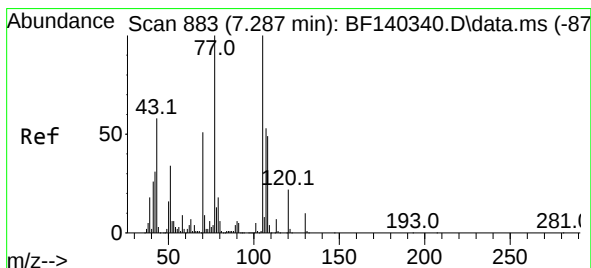
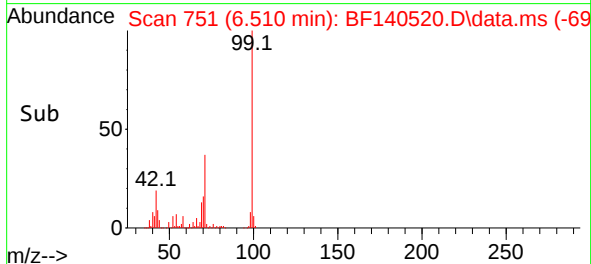
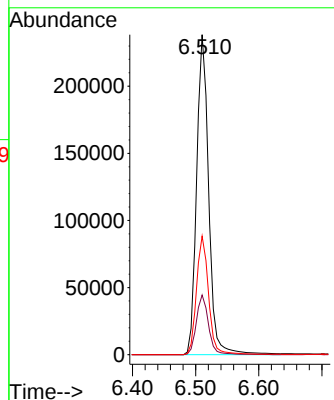


#7
Phenol-d6
Concen: 57.763 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :

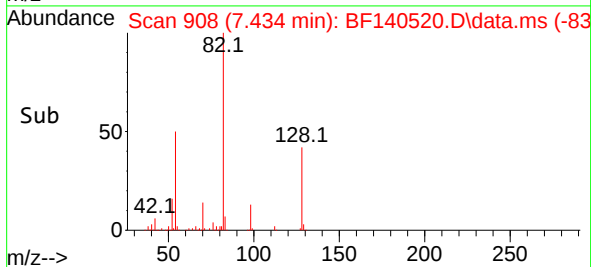
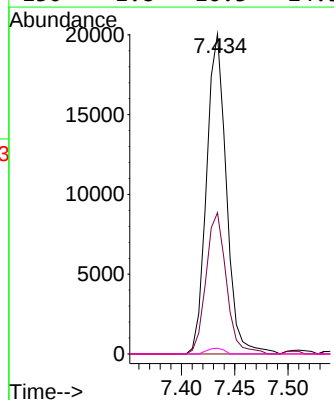
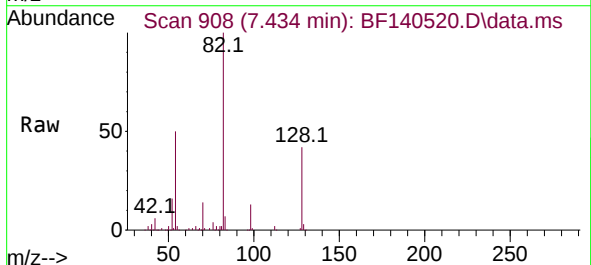


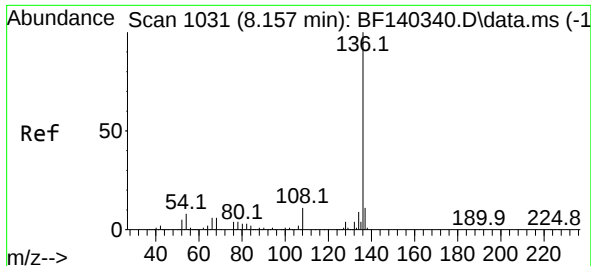
Tgt Ion: 99 Resp: 316387
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 37.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 7.843 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion: 70 Resp: 25944
Ion Ratio Lower Upper
70 100
42 44.2 46.8 70.2#
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#



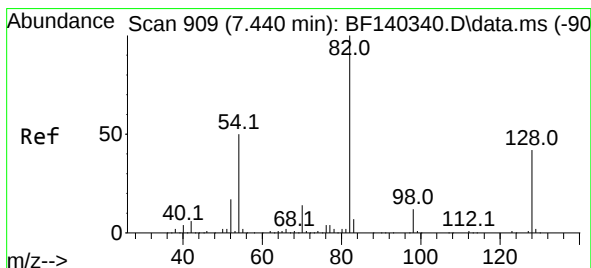
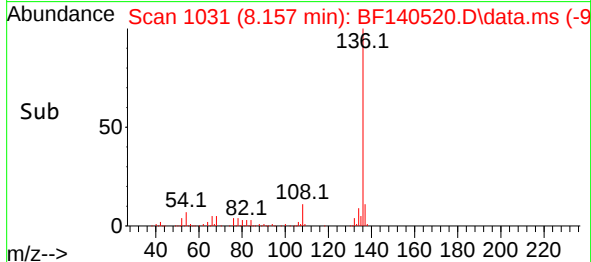
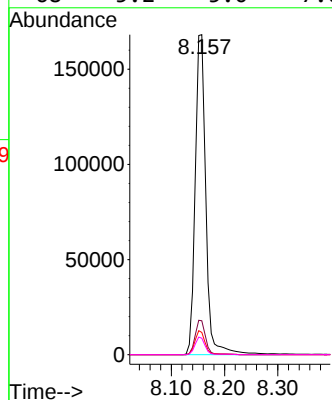
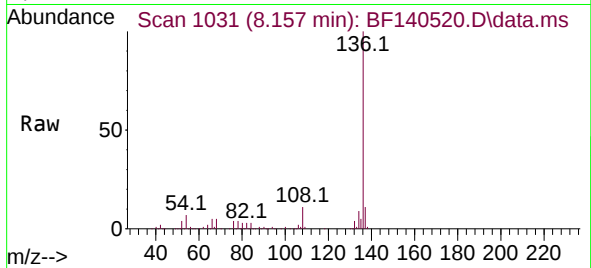


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 234123

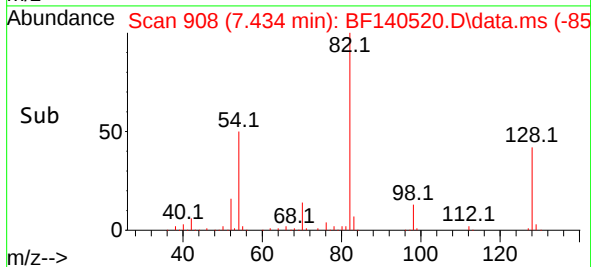
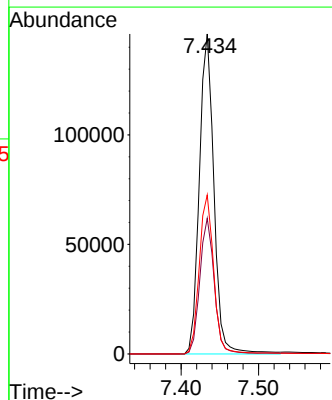
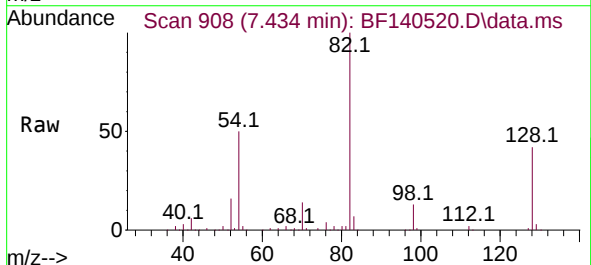
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	6.5	9.7
68	5.2	5.0	7.6

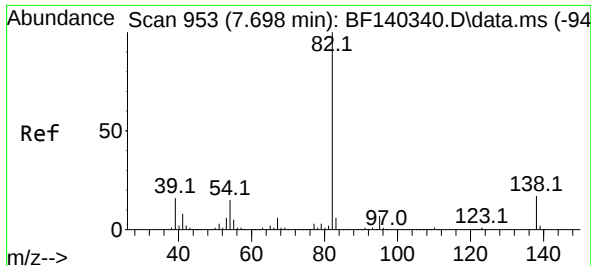


#23
Nitrobenzene-d5
Concen: 42.518 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion: 82 Resp: 191054

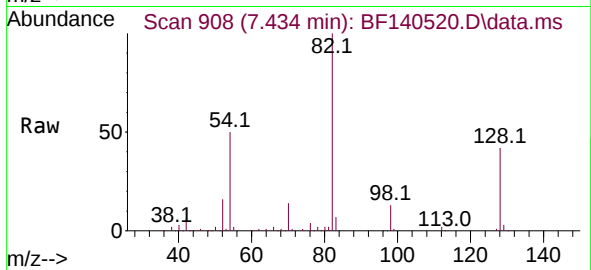
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	49.7	39.8	59.8



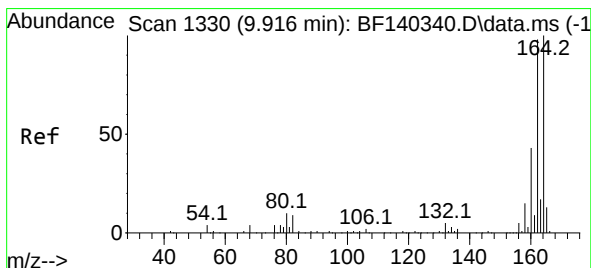
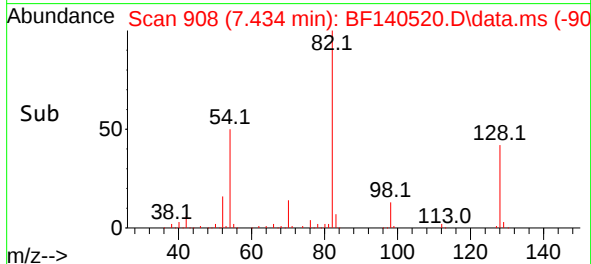
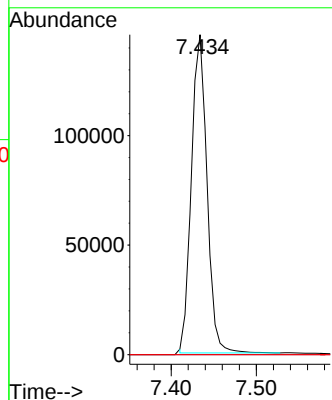


#25
Isophorone
Concen: 23.174 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :

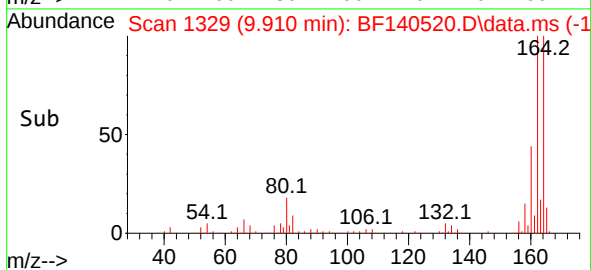
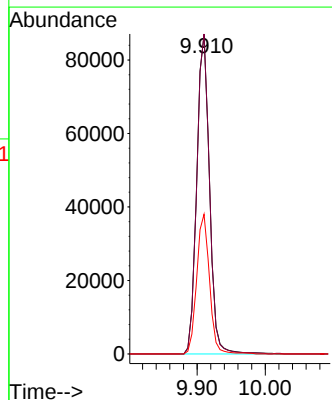
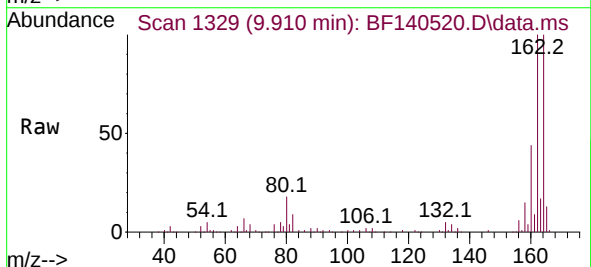


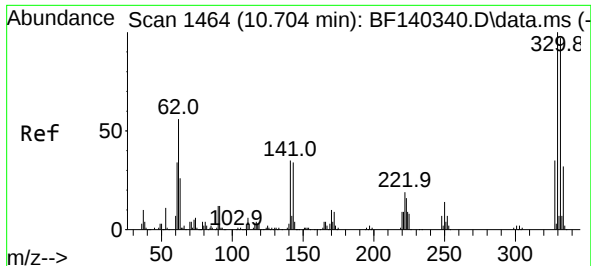
Tgt Ion: 82 Resp: 184552
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion:164 Resp: 112914
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 66.987 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

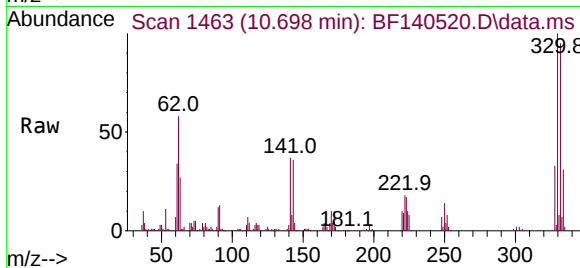
Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :



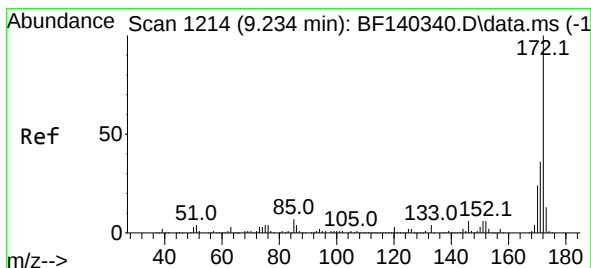
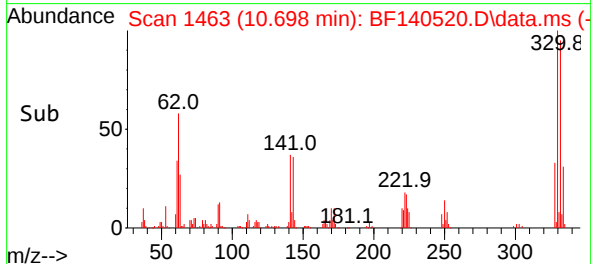
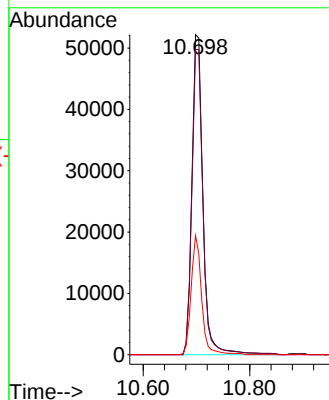
Tgt Ion:330 Resp: 75216

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

141 35.4 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 49.353 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

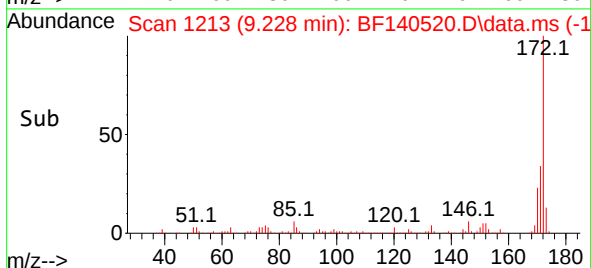
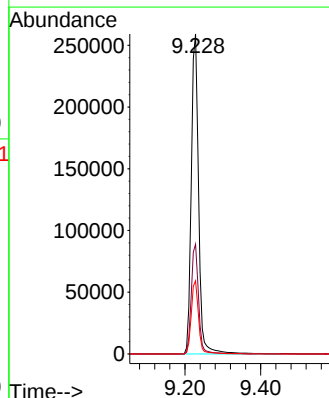
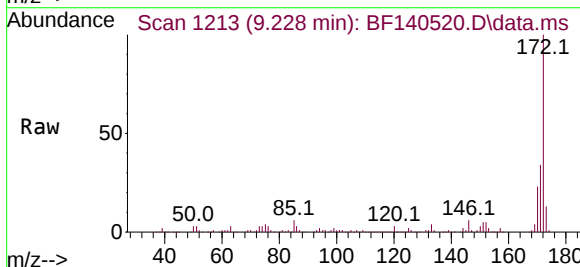
Tgt Ion:172 Resp: 346653

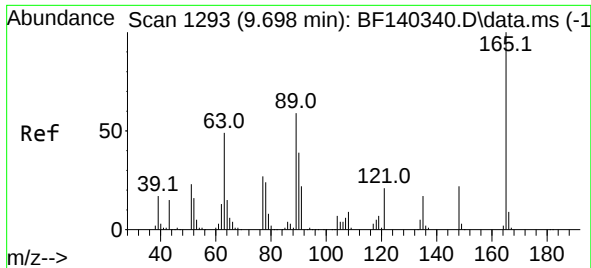
Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

170 22.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.582 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

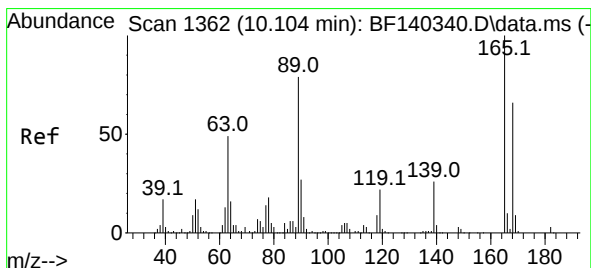
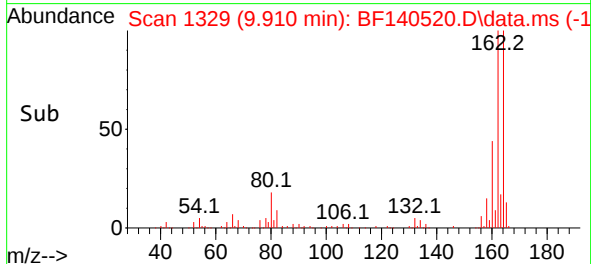
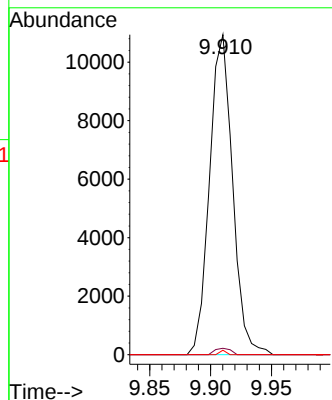
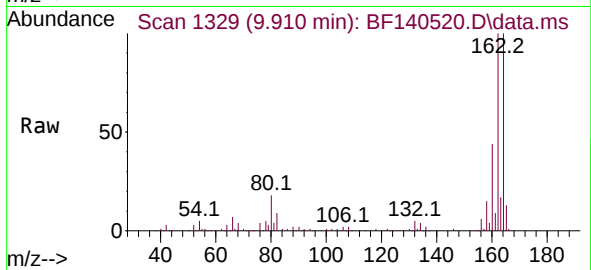
Tgt Ion:165 Resp: 14399

Ion Ratio Lower Upper

165 100

63 2.0 47.6 71.4#

89 1.4 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.521 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Tgt Ion:165 Resp: 14399

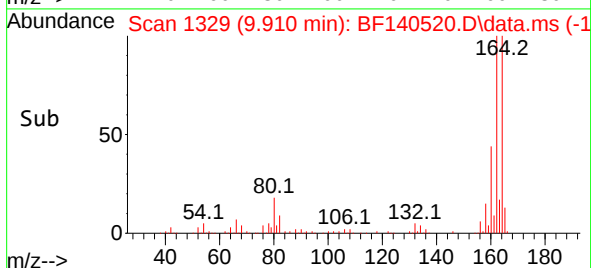
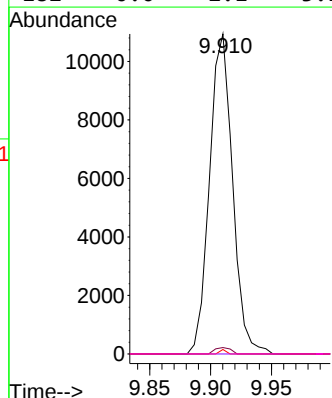
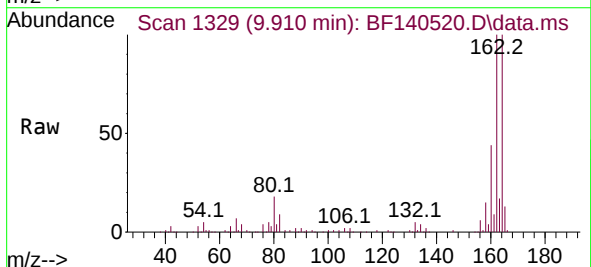
Ion Ratio Lower Upper

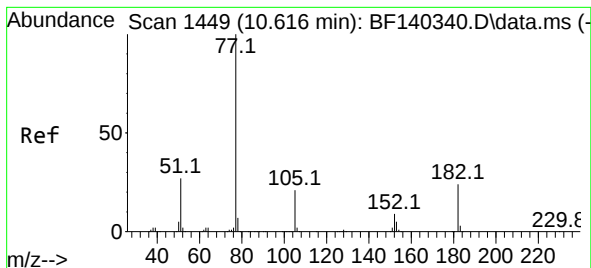
165 100

63 2.0 39.4 59.0#

89 1.4 62.4 93.6#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.717 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 20202

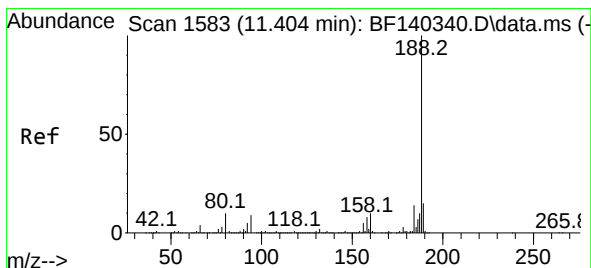
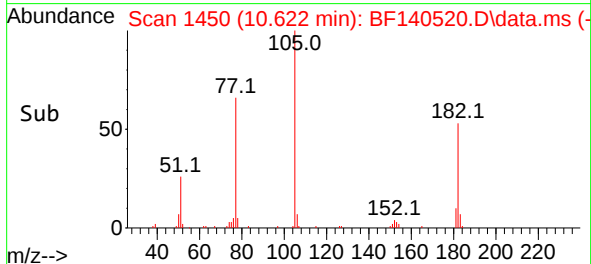
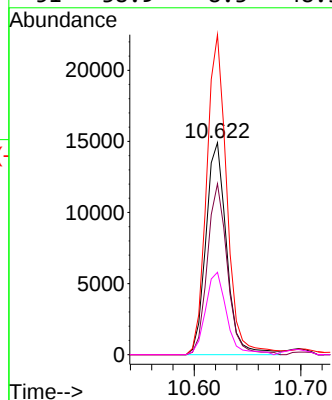
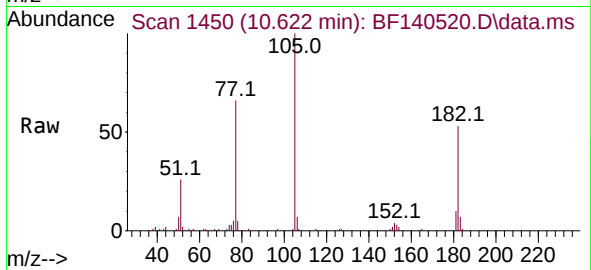
Ion Ratio Lower Upper

77 100

182 80.6 4.6 44.6#

105 150.9 0.9 40.9#

51 38.9 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

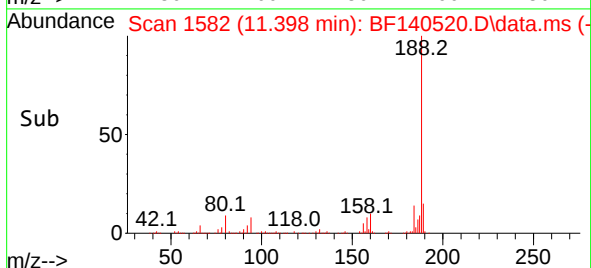
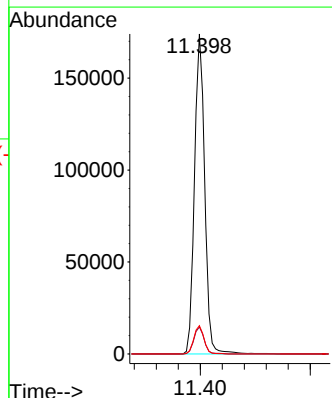
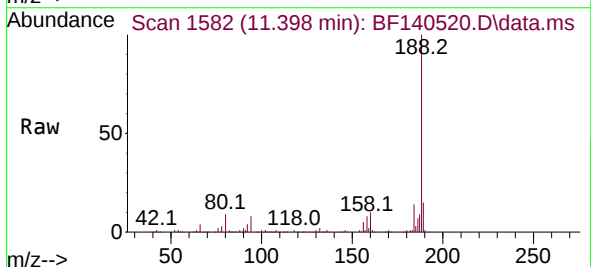
Tgt Ion:188 Resp: 223703

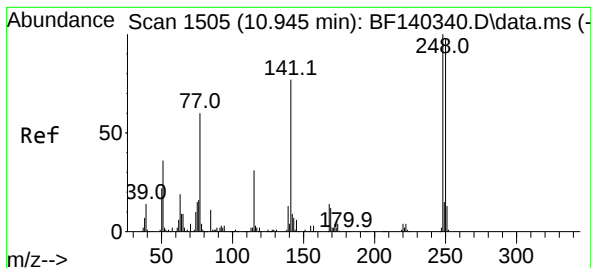
Ion Ratio Lower Upper

188 100

94 8.4 7.6 11.4

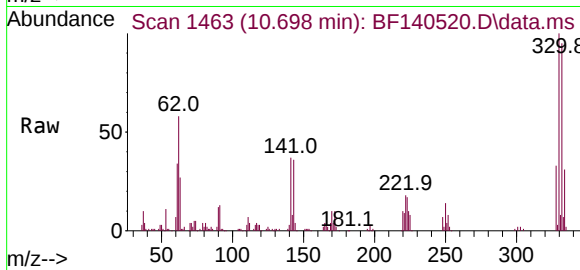
80 8.8 8.0 12.0



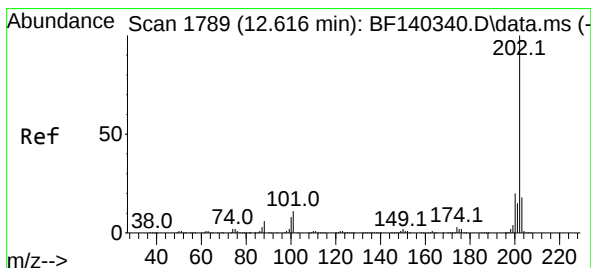
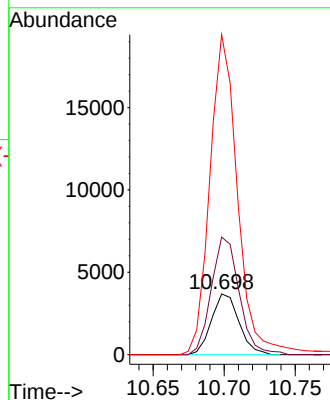
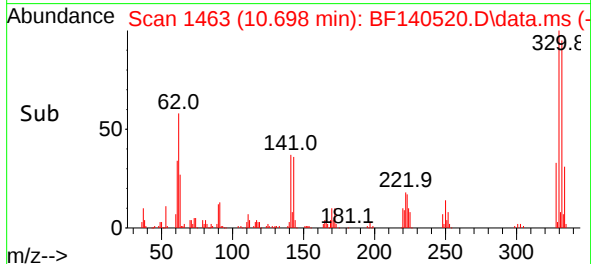


#67
4-Bromophenyl-phenylether
Concen: 2.226 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Instrument :
BNA_F
ClientSampleId :

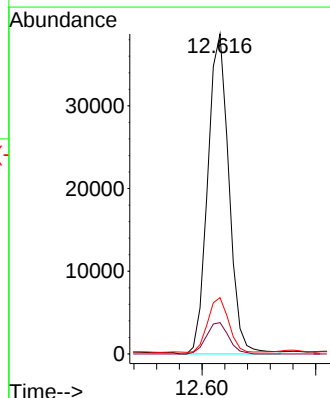
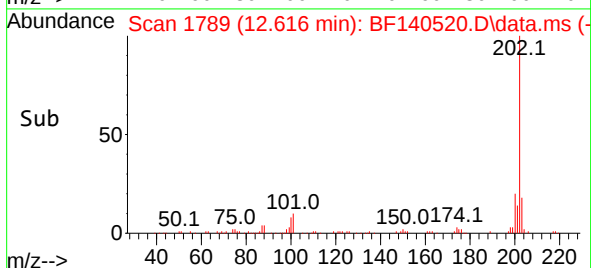
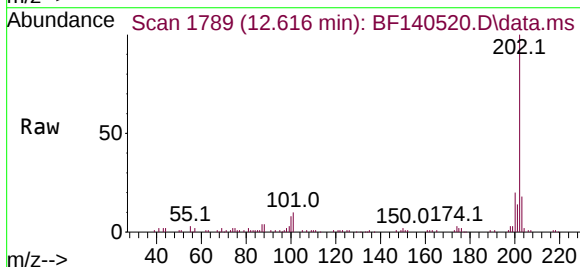


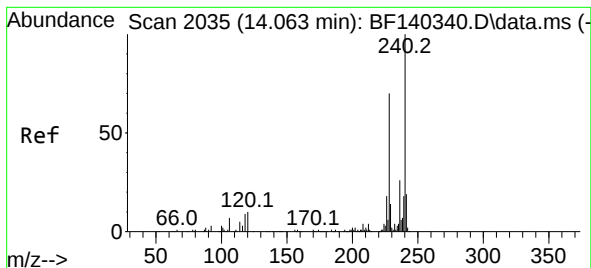
Tgt Ion:248 Resp: 4978
Ion Ratio Lower Upper
248 100
250 193.5 77.9 116.9#
141 526.3 61.8 92.6#



#75
Fluoranthene
Concen: 4.249 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140520.D
Acq: 21 Nov 2024 00:24

Tgt Ion:202 Resp: 50096
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 17.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

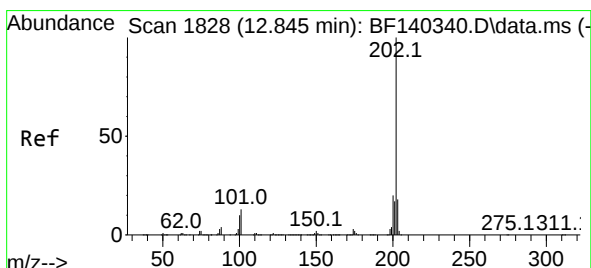
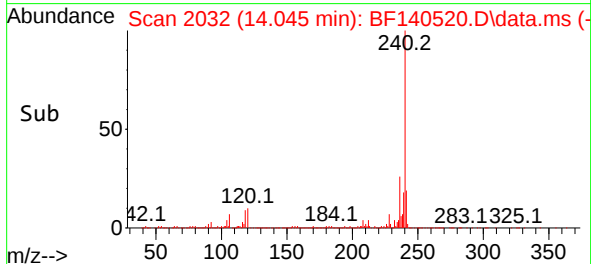
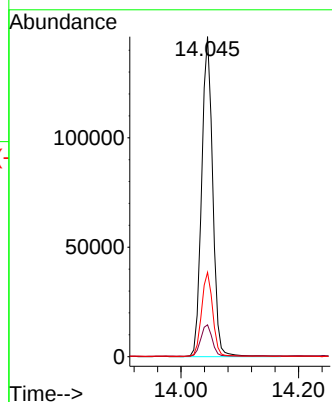
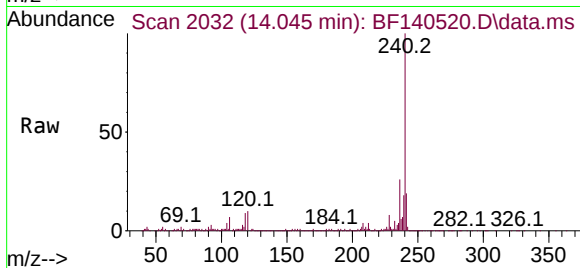
Tgt Ion:240 Resp: 191311

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

236 26.3 20.9 31.3



#78

Pyrene

Concen: 3.151 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

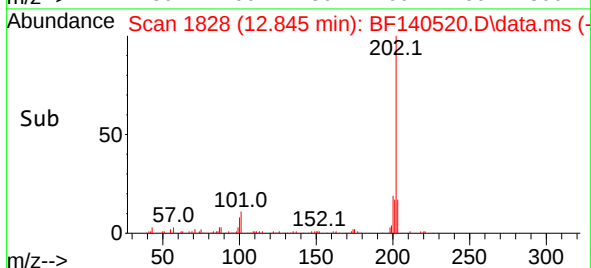
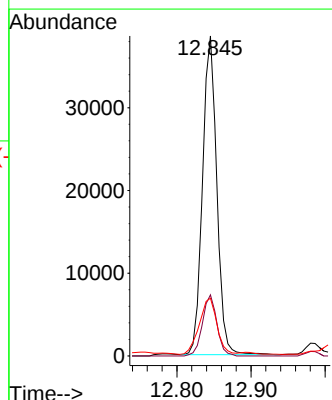
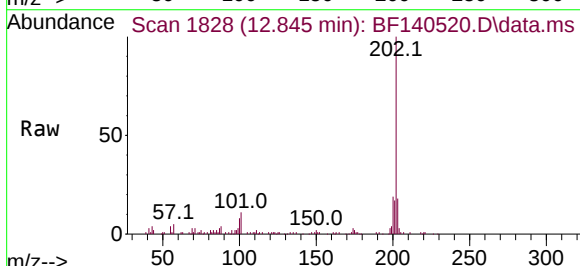
Tgt Ion:202 Resp: 51556

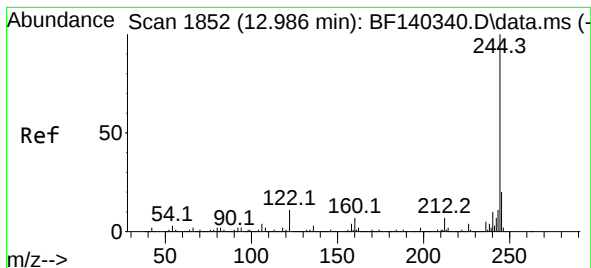
Ion Ratio Lower Upper

202 100

200 19.1 16.2 24.2

203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 41.175 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

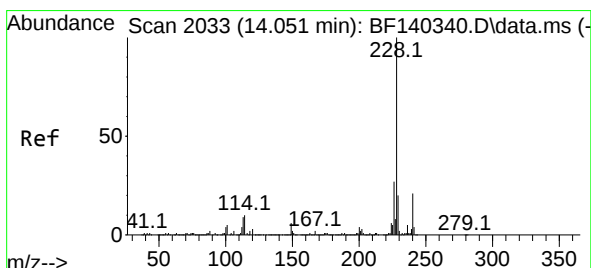
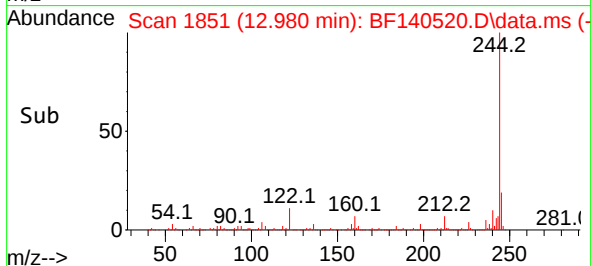
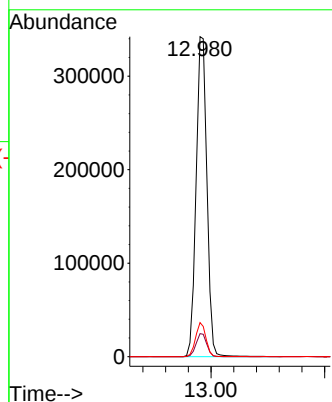
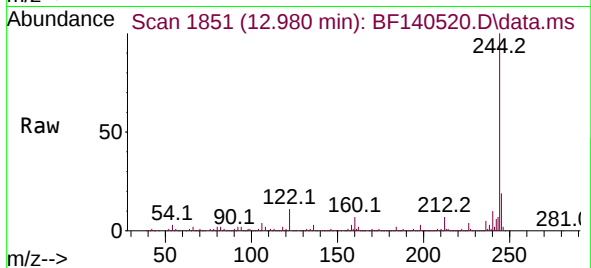
Tgt Ion:244 Resp: 453816

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.7 8.8 13.2



#81

Benzo(a)anthracene

Concen: 2.293 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

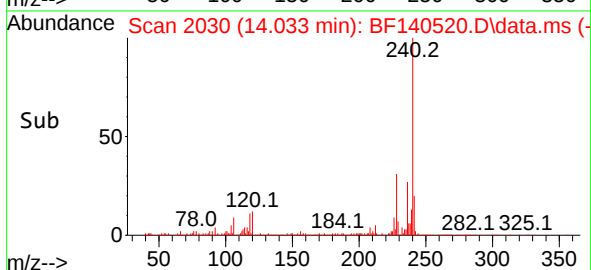
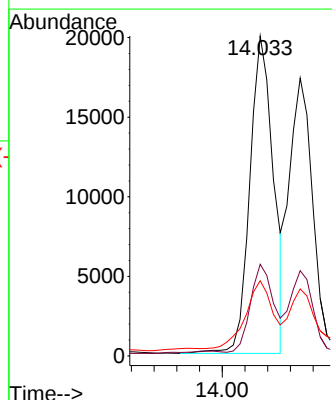
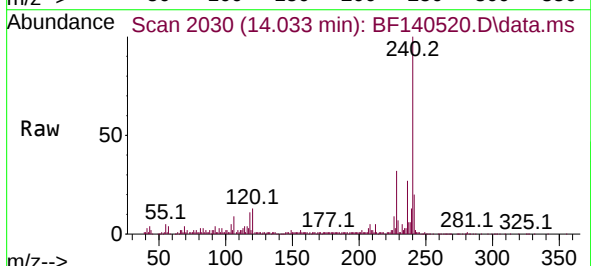
Tgt Ion:228 Resp: 28835

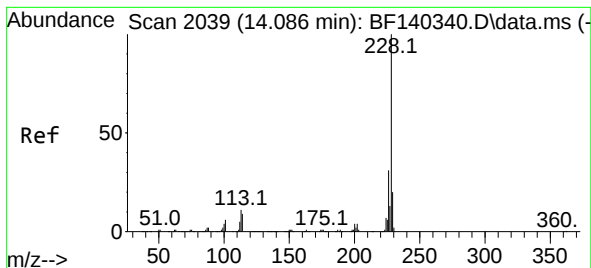
Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.4

229 23.5 15.8 23.6





#83

Chrysene

Concen: 2.513 ng

RT: 14.033 min Scan# 2039

Delta R.T. -0.047 min

Lab File: BF140520.D

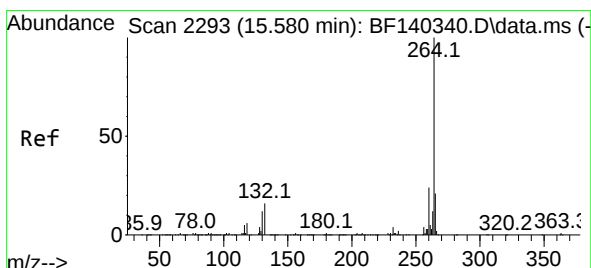
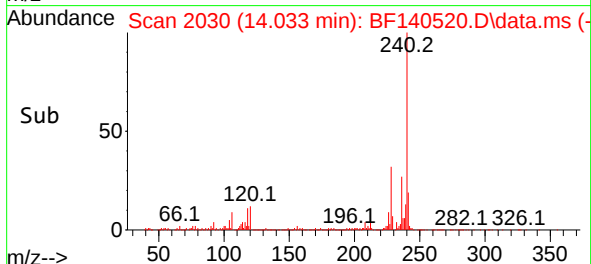
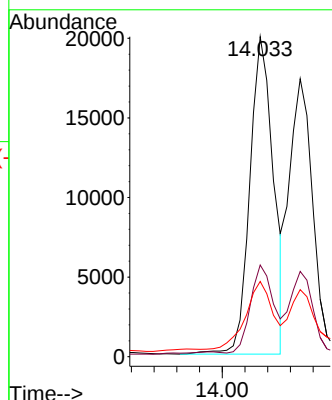
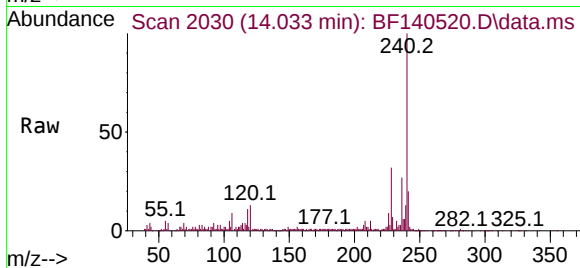
Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp:	28835
Ion Ratio	Lower	Upper
228	100	
226	28.6	24.5 36.7
229	23.5	16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

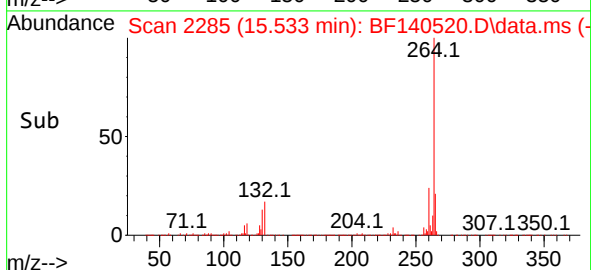
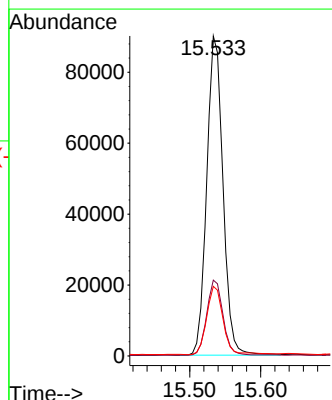
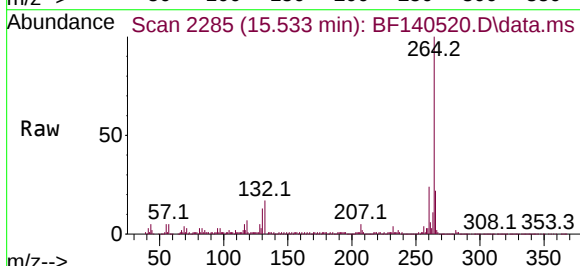
RT: 15.533 min Scan# 2285

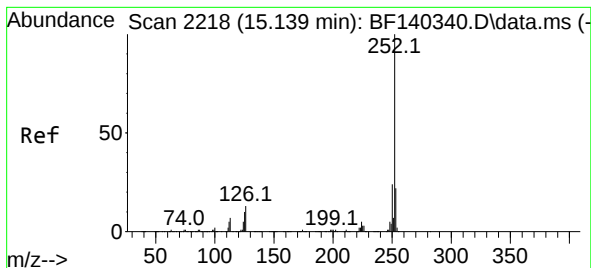
Delta R.T. -0.023 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

Tgt Ion:264	Resp:	143350
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	21.8	17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 3.458 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF140520.D

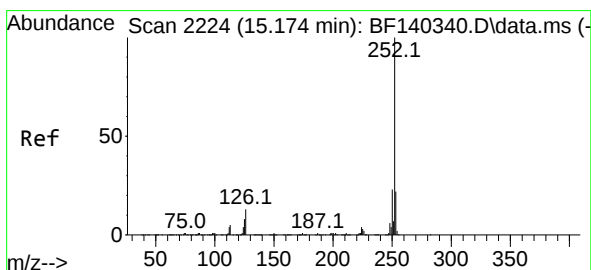
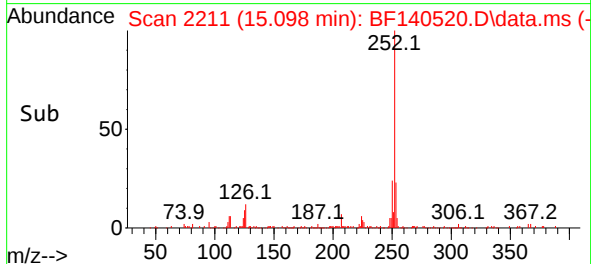
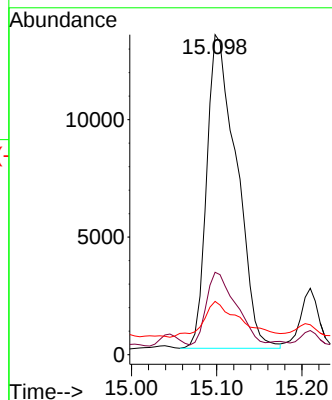
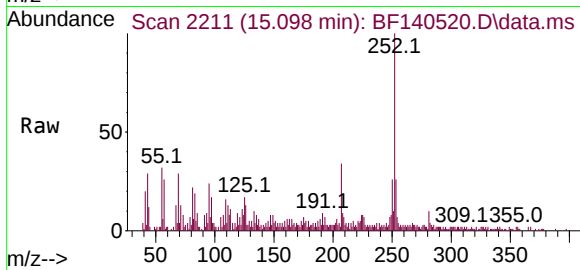
Acq: 21 Nov 2024 00:24

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:252	Resp:	32430
Ion Ratio	Lower	Upper
252	100	
253	25.7	17.5 26.3
125	16.7	8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 4.233 ng

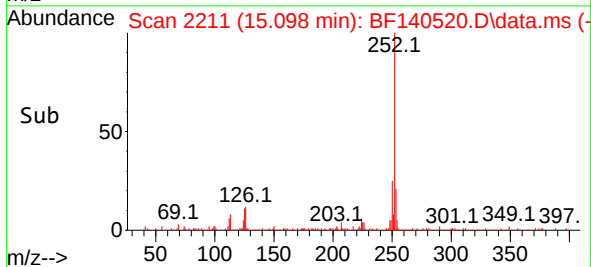
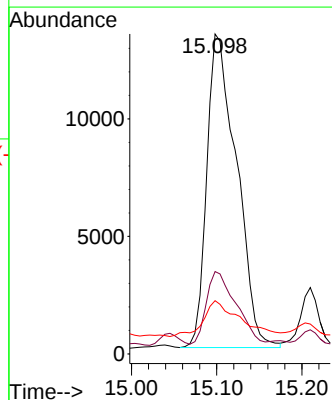
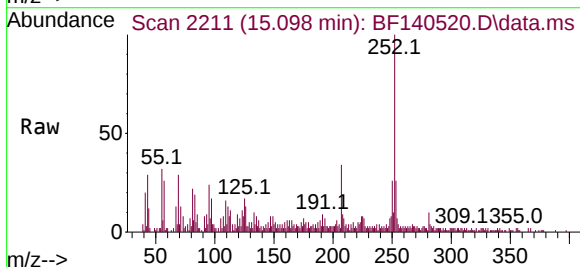
RT: 15.098 min Scan# 2211

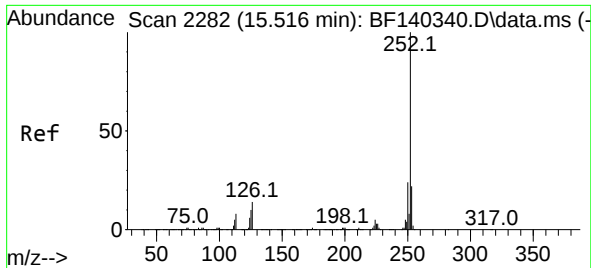
Delta R.T. -0.053 min

Lab File: BF140520.D

Acq: 21 Nov 2024 00:24

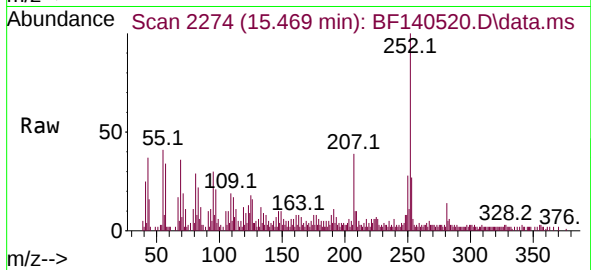
Tgt Ion:252	Resp:	32430
Ion Ratio	Lower	Upper
252	100	
253	25.7	17.3 25.9
125	16.7	7.4 11.2#





#90
 Benzo(a)pyrene
 Concen: 2.326 ng
 RT: 15.469 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF140520.D
 Acq: 21 Nov 2024 00:24

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:252 Resp: 16937
 Ion Ratio Lower Upper
 252 100
 253 27.5 17.8 26.6#
 125 17.5 8.4 12.6#

