

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140376.D
 Acq On : 14 Nov 2024 21:28
 Operator : RC/JU
 Sample : P4796-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Quant Time: Nov 15 00:29:53 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)

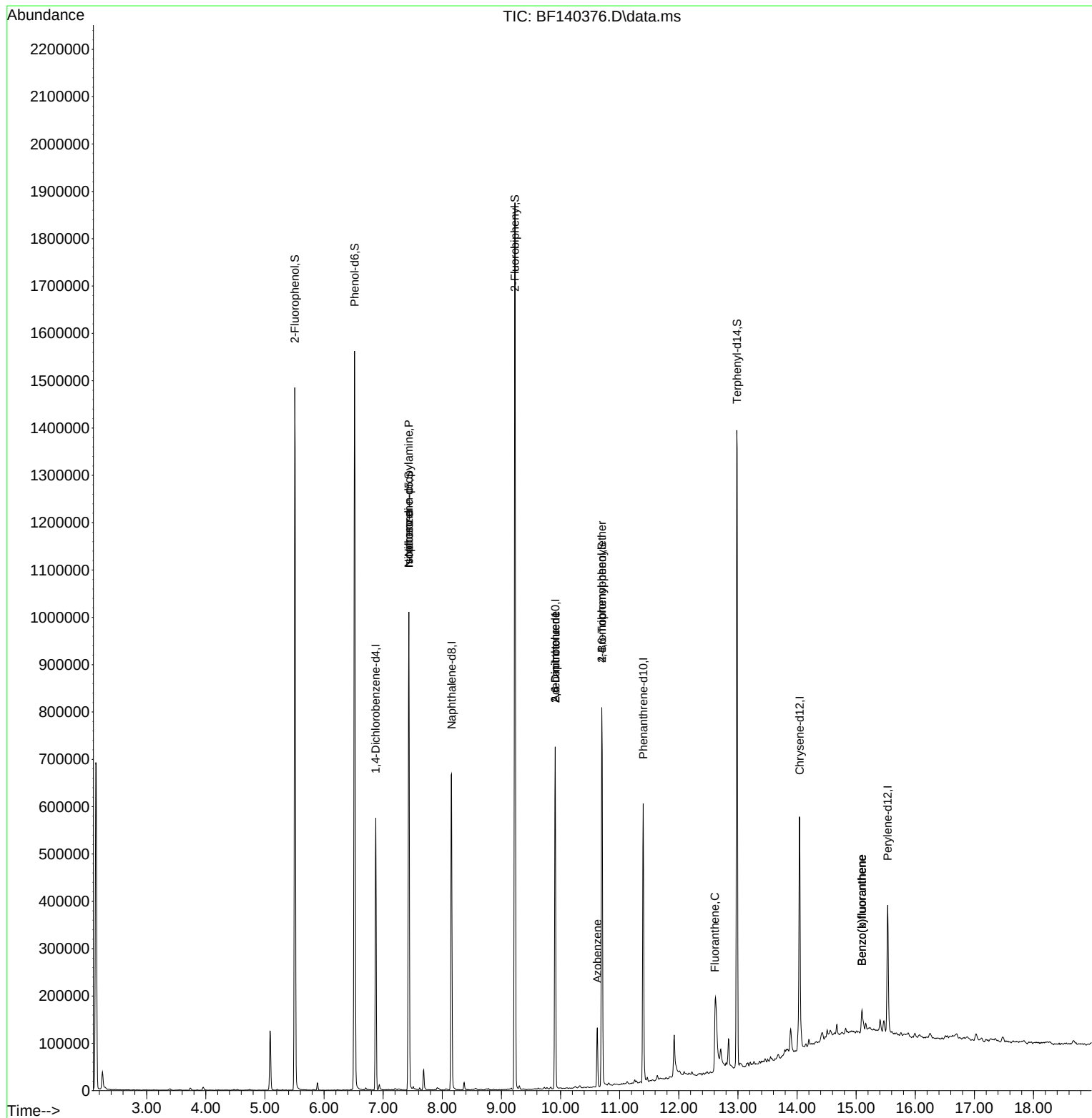
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	118577	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	431784	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	209589	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	306876	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227238	20.000	ng	0.00
86) Perylene-d12	15.533	264	154266	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	549733	79.156	ng	0.01
7) Phenol-d6	6.516	99	728168	77.388	ng	0.01
23) Nitrobenzene-d5	7.434	82	450541	54.366	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	129209	61.995	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	799773	61.343	ng	0.00
79) Terphenyl-d14	12.986	244	666260	50.893	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	61104	10.752	ng	# 76
25) Isophorone	7.434	82	443087	30.168	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	27440	8.811	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	27440	6.695	ng	# 20
63) Azobenzene	10.622	77	31648	2.293	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8710	2.839	ng	# 1
75) Fluoranthene	12.610	202	35795	2.213	ng	98
88) Benzo(b)fluoranthene	15.098	252	35723	3.540	ng	# 95
89) Benzo(k)fluoranthene	15.098	252	35723	4.333	ng	# 94

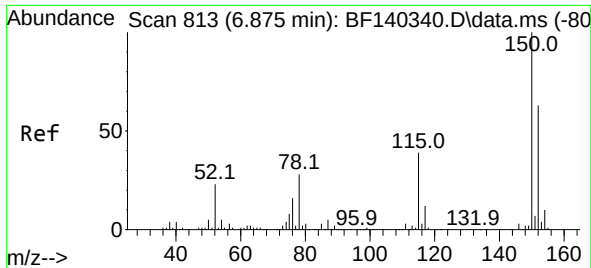
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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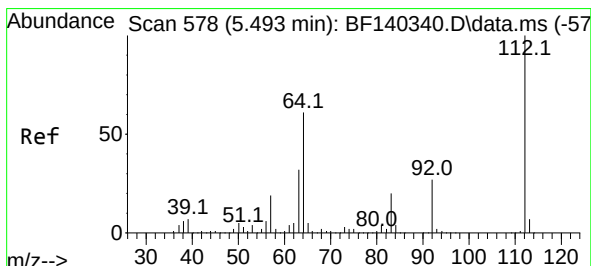
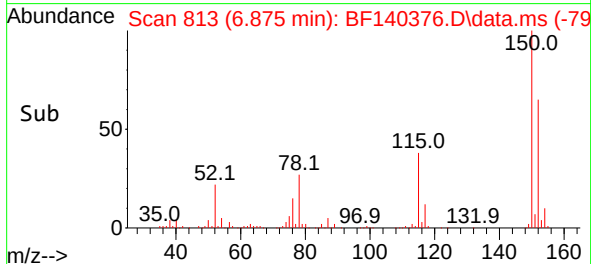
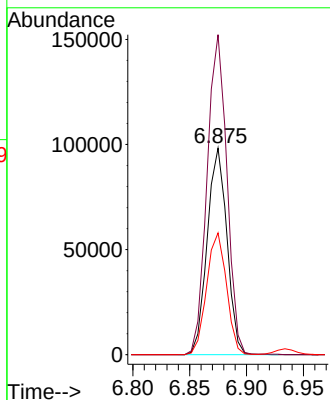
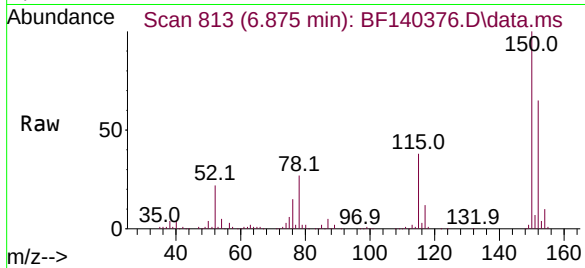




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

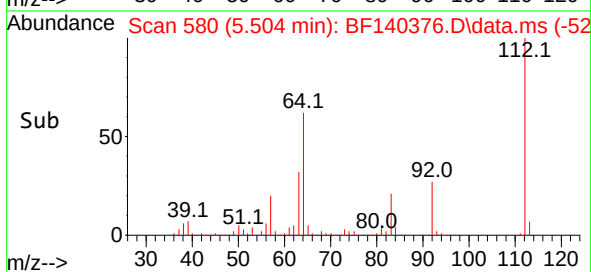
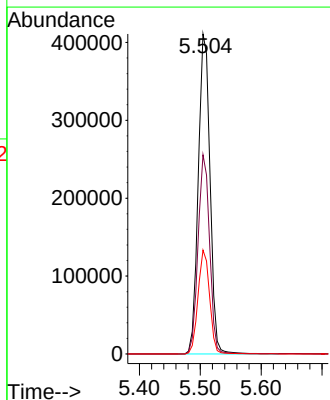
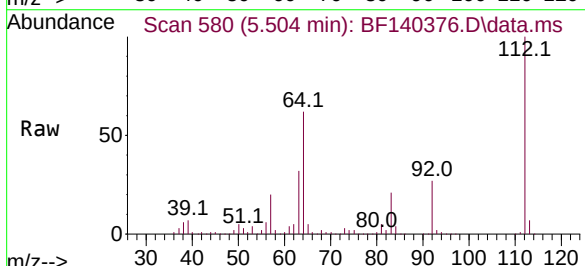
Instrument :
BNA_F
ClientSampleId :
TP-1RE

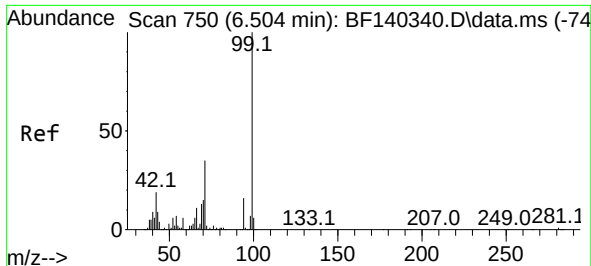
Tgt Ion:152 Resp: 118577
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 59.0 47.4 71.2



#5
2-Fluorophenol
Concen: 79.156 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion:112 Resp: 549733
Ion Ratio Lower Upper
112 100
64 62.2 49.2 73.8
63 32.4 25.6 38.4

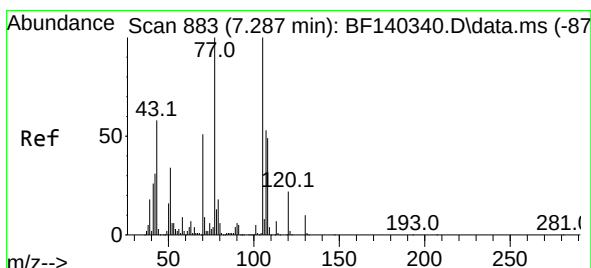
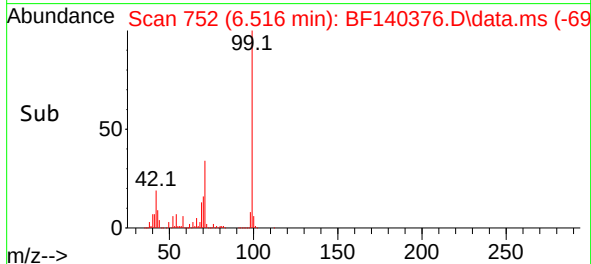
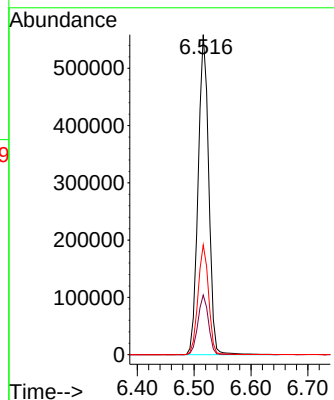
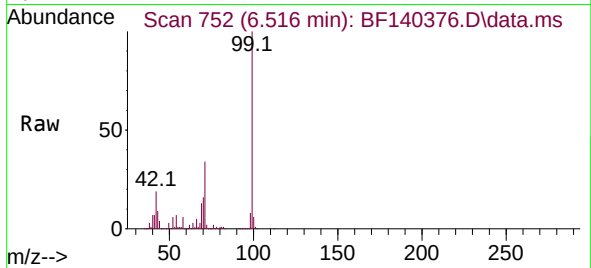




#7
Phenol-d6
Concen: 77.388 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

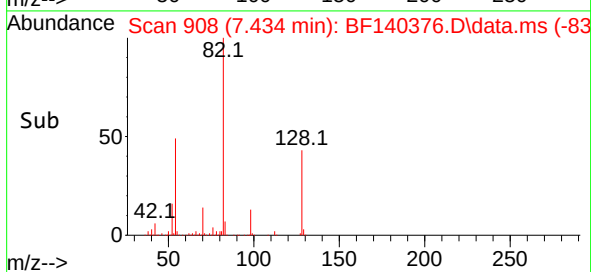
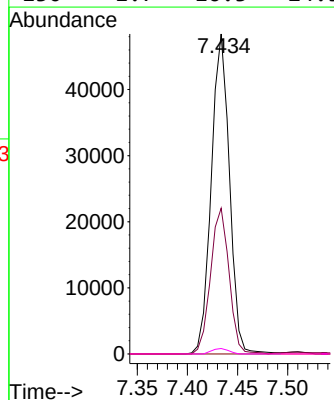
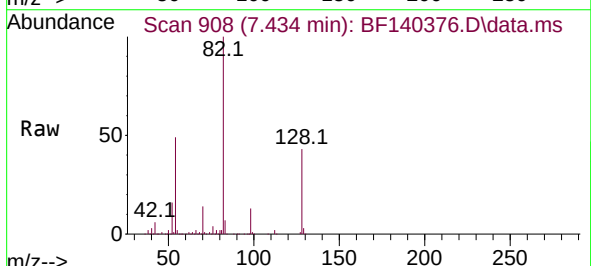
Instrument :
BNA_F
ClientSampleId :
TP-1RE

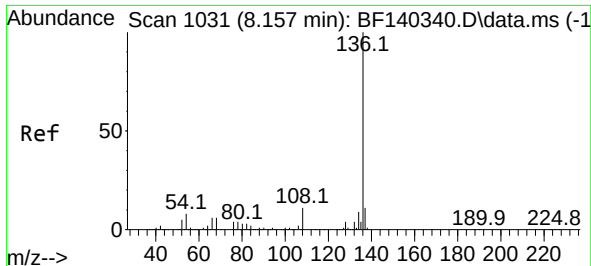
Tgt Ion: 99 Resp: 728168
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 34.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.752 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion: 70 Resp: 61104
Ion Ratio Lower Upper
70 100
42 45.5 46.8 70.2#
101 0.0 7.5 11.3#
130 1.7 16.3 24.5#



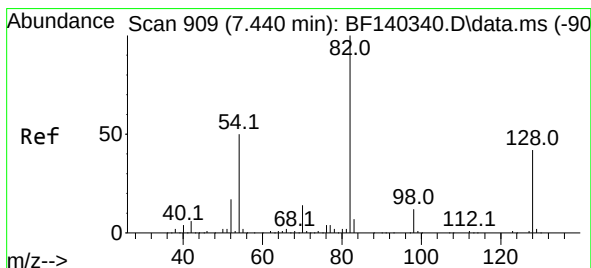
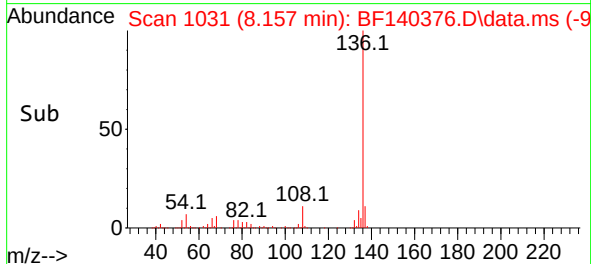
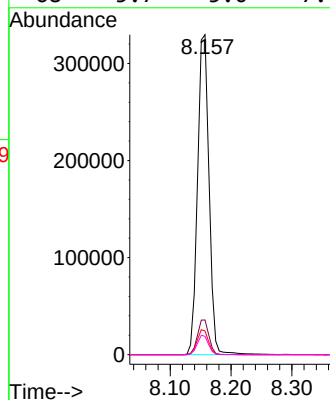
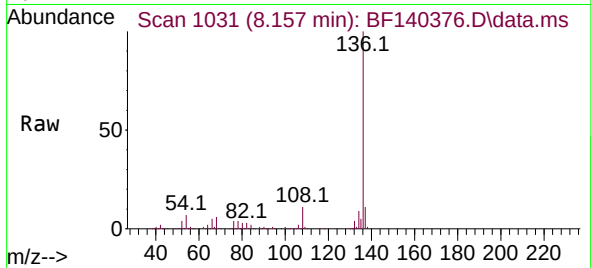


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1RE

Tgt Ion:136 Resp: 431784

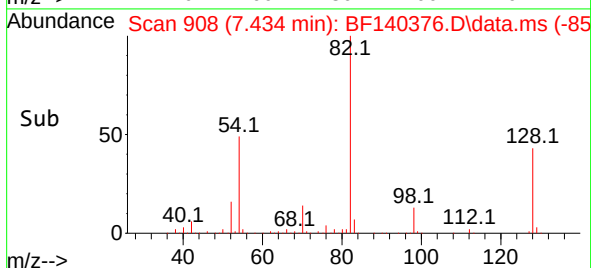
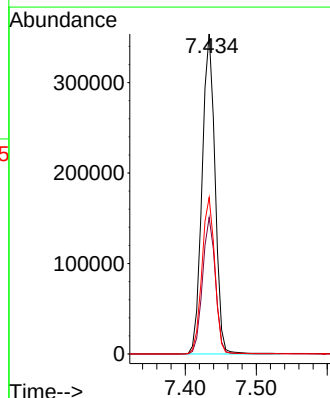
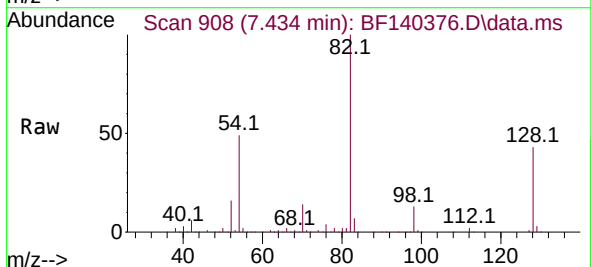
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.4	6.5	9.7
68	5.7	5.0	7.6

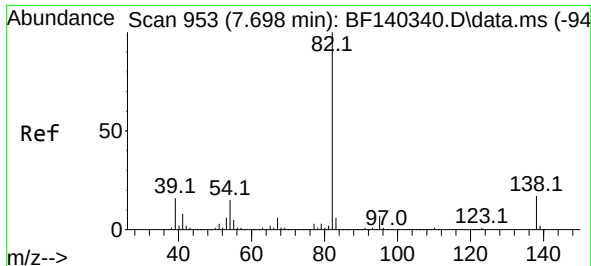


#23
Nitrobenzene-d5
Concen: 54.366 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion: 82 Resp: 450541

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	48.9	39.8	59.8

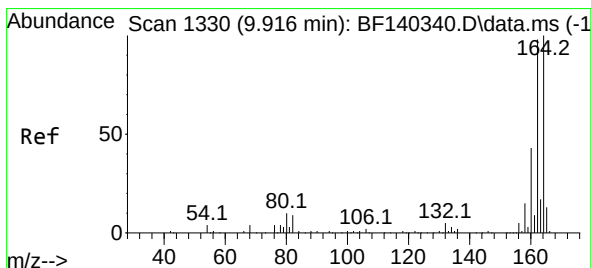
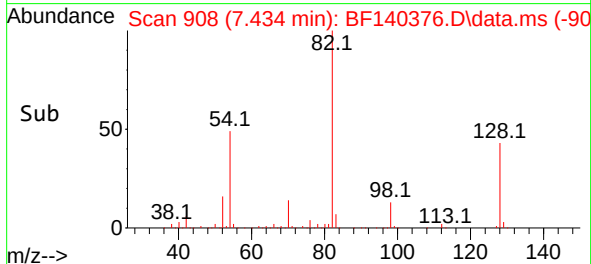
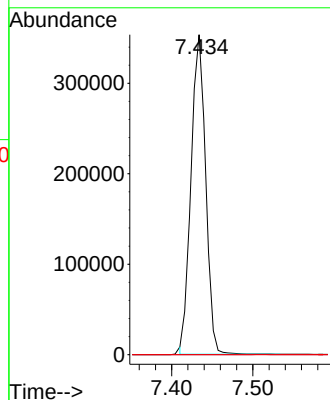
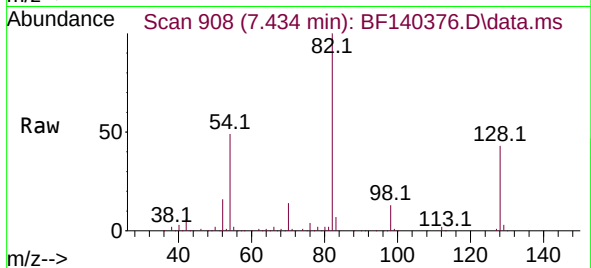




#25
Isophorone
Concen: 30.168 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

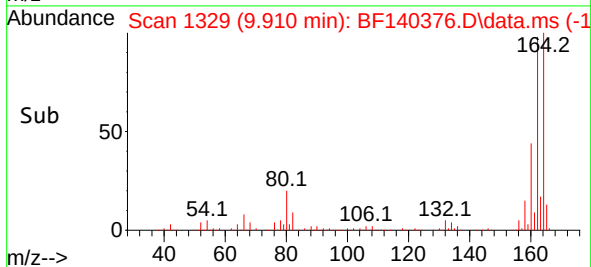
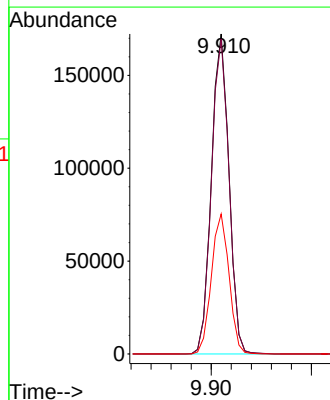
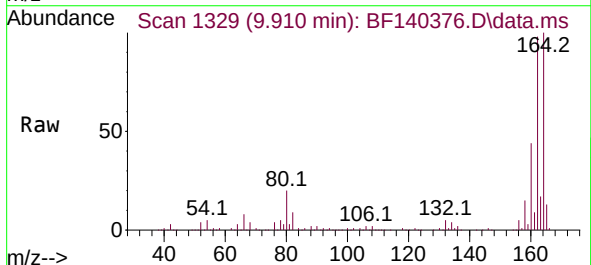
Instrument :
BNA_F
ClientSampleId :
TP-1RE

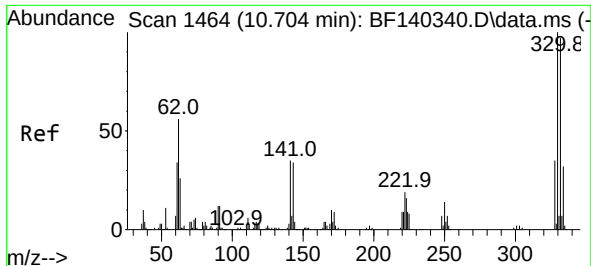
Tgt Ion: 82 Resp: 443087
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

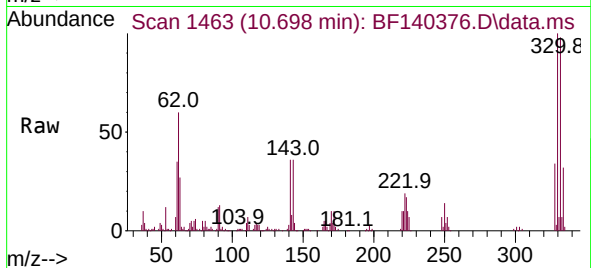
Tgt Ion:164 Resp: 209589
Ion Ratio Lower Upper
164 100
162 98.4 79.8 119.8
160 43.8 35.4 53.0



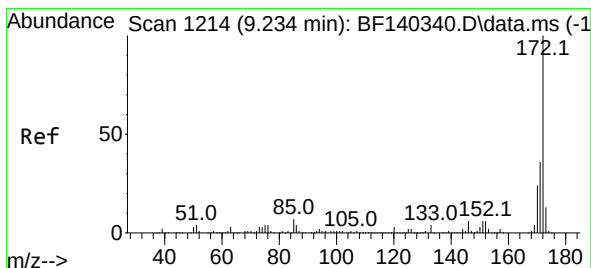
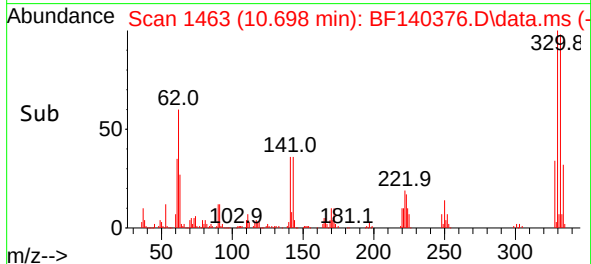
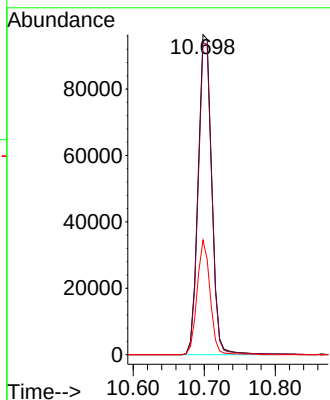


#42
2,4,6-Tribromophenol
Concen: 61.995 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1RE

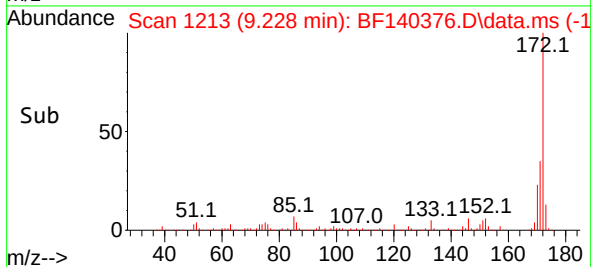
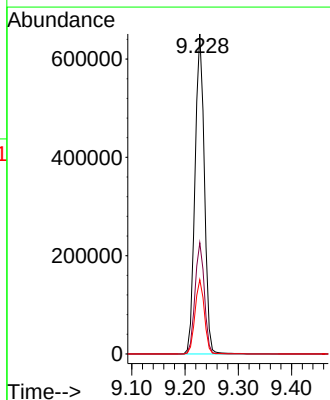
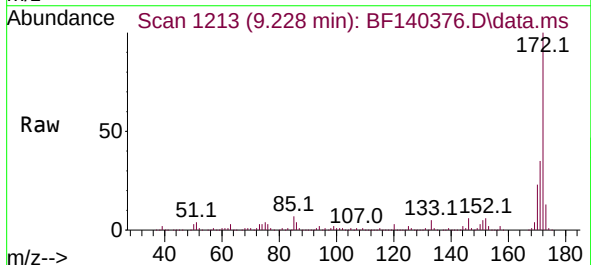


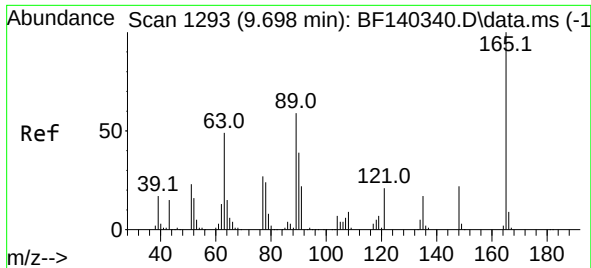
Tgt Ion:330 Resp: 129209
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 34.0 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 61.343 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion:172 Resp: 799773
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.2 19.1 28.7

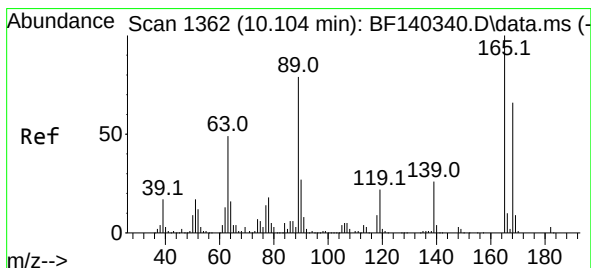
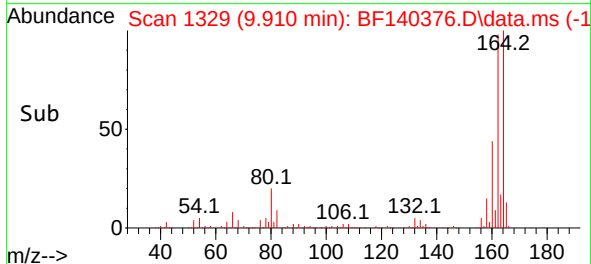
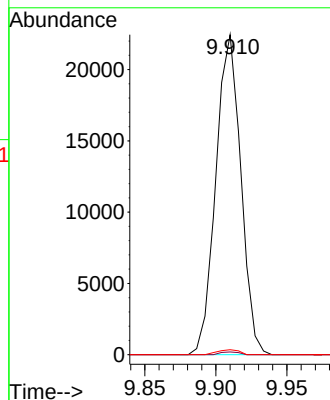
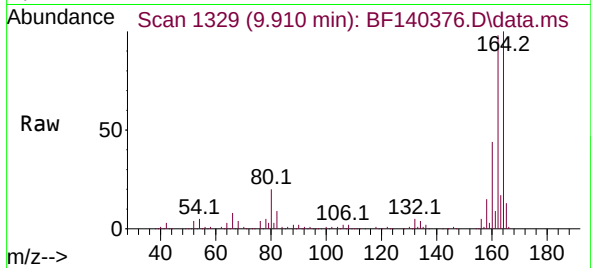




#51
2,6-Dinitrotoluene
Concen: 8.811 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

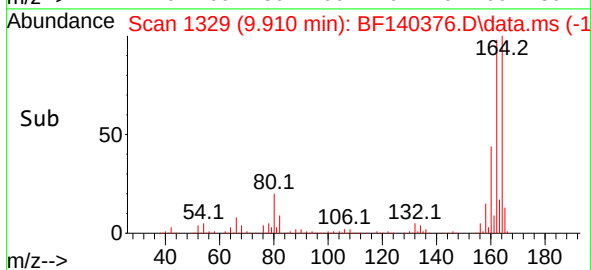
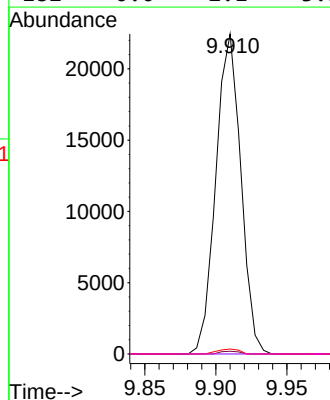
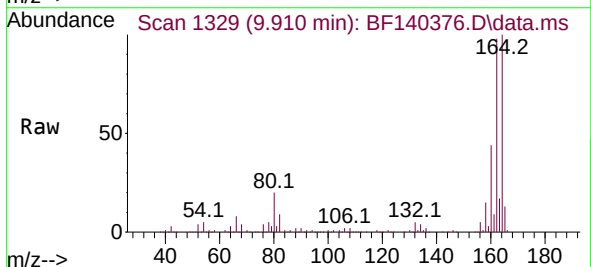
Instrument :
BNA_F
ClientSampleId :
TP-1RE

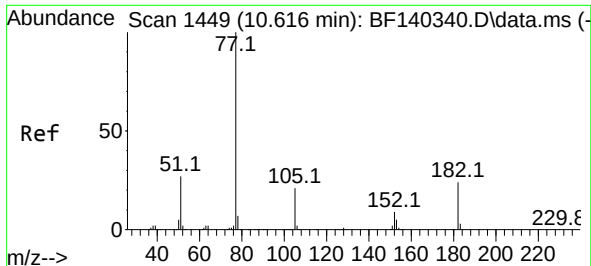
Tgt Ion:165 Resp: 27440
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.6 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.695 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion:165 Resp: 27440
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.0#
89 1.6 62.4 93.6#
182 0.0 2.1 3.1#

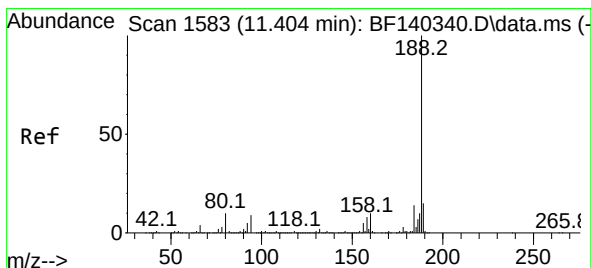
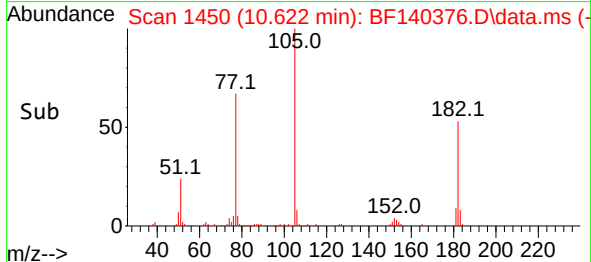
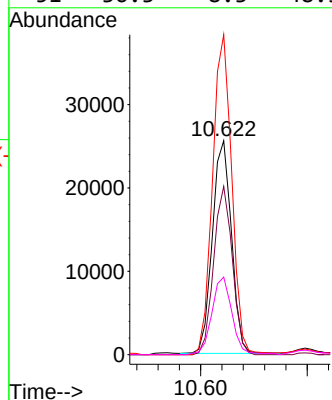
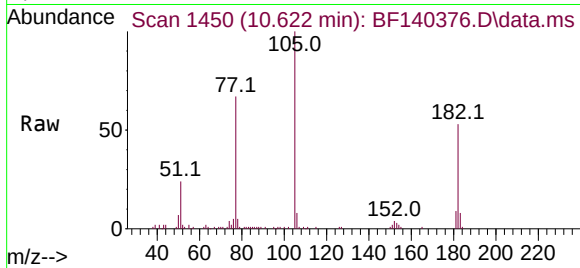




#63
Azobenzene
Concen: 2.293 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

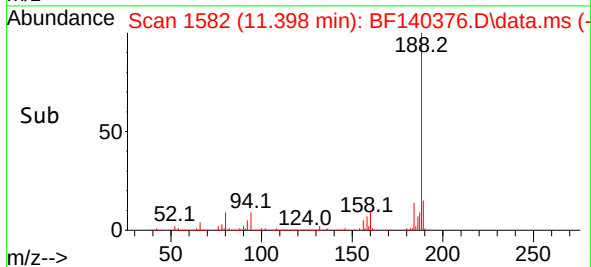
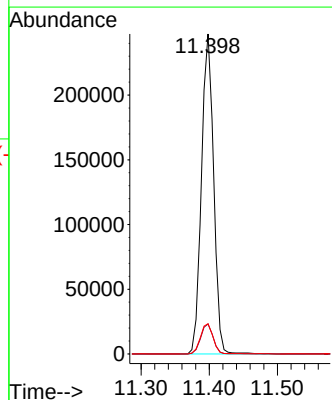
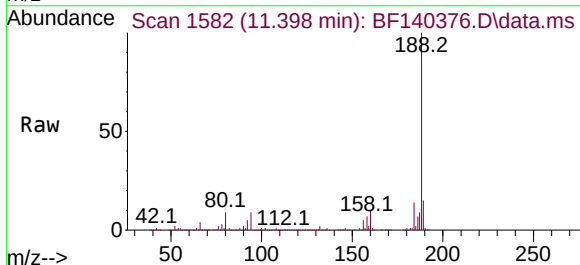
Instrument :
BNA_F
ClientSampleId :
TP-1RE

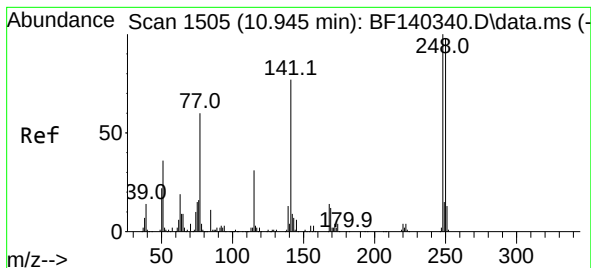
Tgt Ion: 77	Resp: 31648
Ion Ratio	Lower Upper
77 100	
182 78.7	4.6 44.6#
105 149.6	0.9 40.9#
51 36.3	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion: 188	Resp: 306876
Ion Ratio	Lower Upper
188 100	
94 9.3	7.6 11.4
80 9.5	8.0 12.0

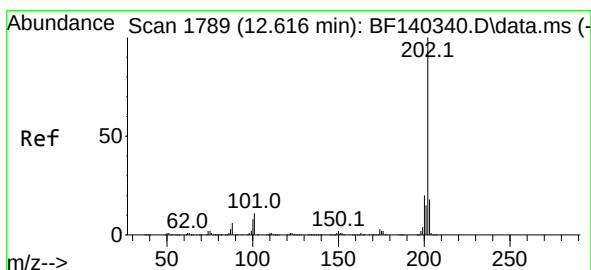
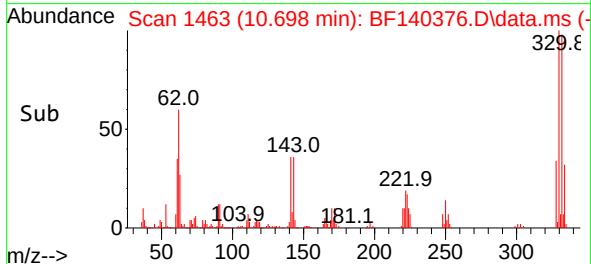
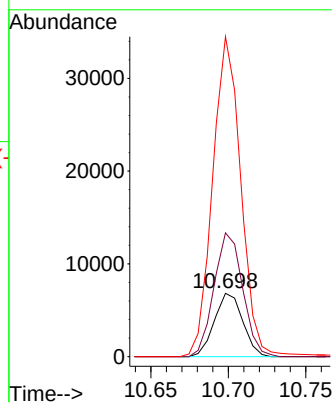
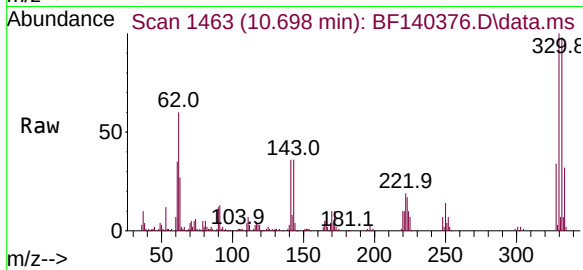




#67
4-Bromophenyl-phenylether
Concen: 2.839 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

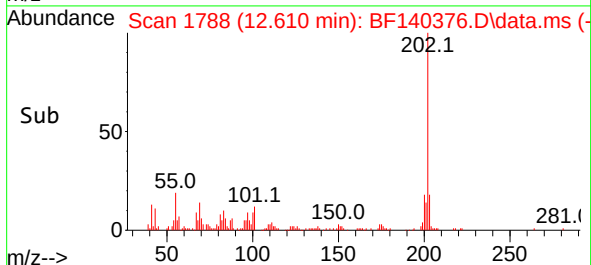
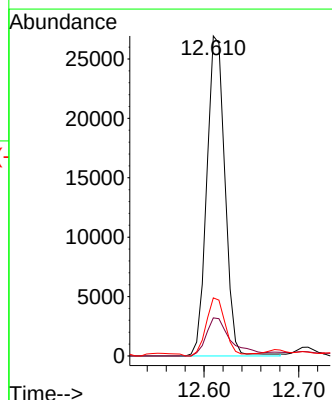
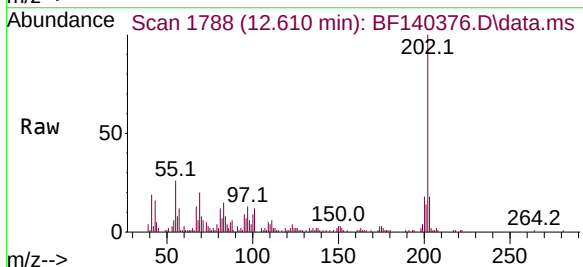
Instrument :
BNA_F
ClientSampleId :
TP-1RE

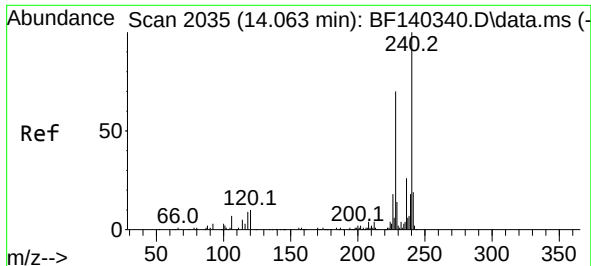
Tgt Ion:248 Resp: 8710
Ion Ratio Lower Upper
248 100
250 195.5 77.9 116.9#
141 504.8 61.8 92.6#



#75
Fluoranthene
Concen: 2.213 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion:202 Resp: 35795
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 18.2 0.0 37.7

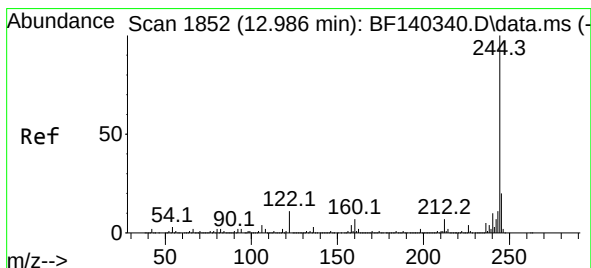
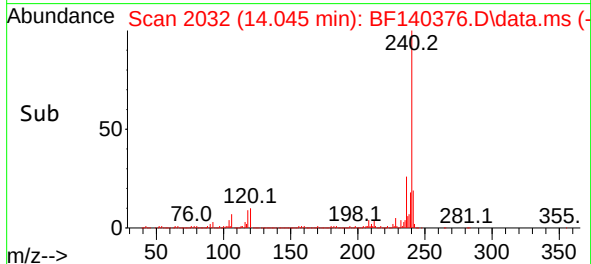
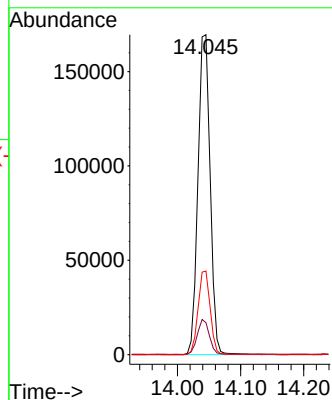
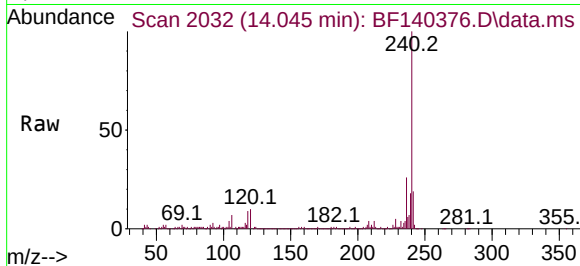




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

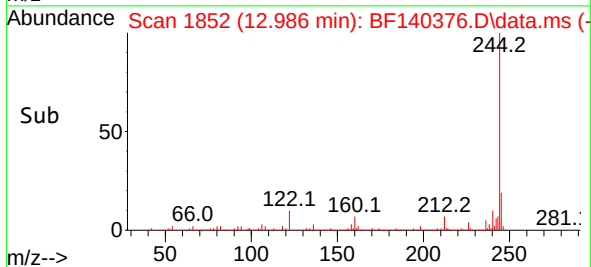
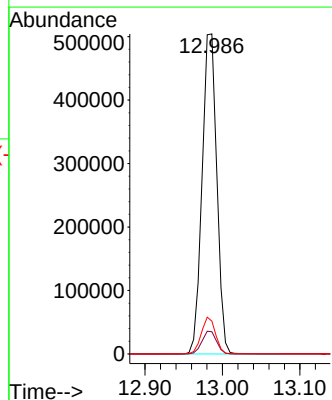
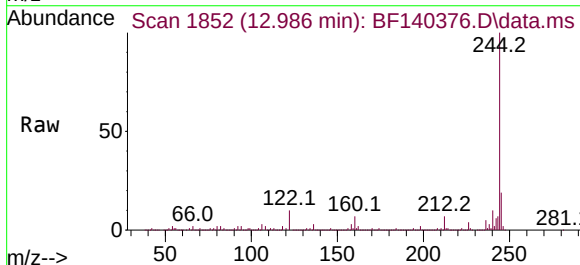
Instrument :
BNA_F
ClientSampleId :
TP-1RE

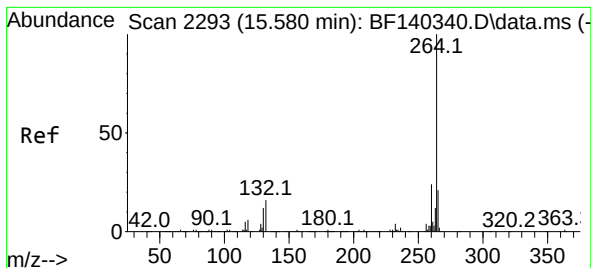
Tgt Ion:240 Resp: 227238
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 50.893 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Tgt Ion:244 Resp: 666260
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140376.D

Acq: 14 Nov 2024 21:28

Instrument :

BNA_F

ClientSampleId :

TP-1RE

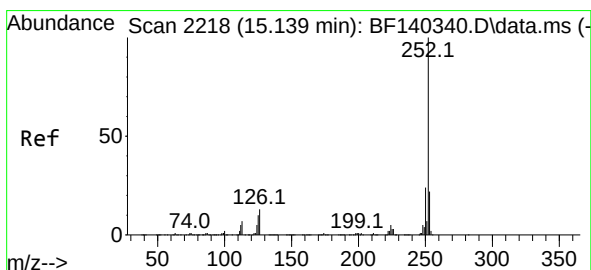
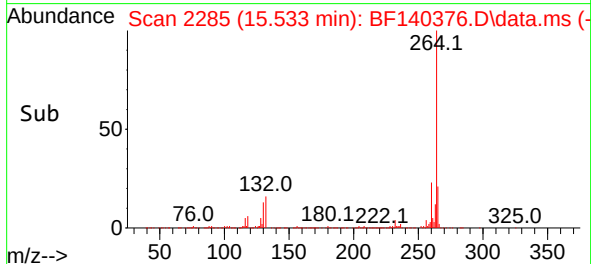
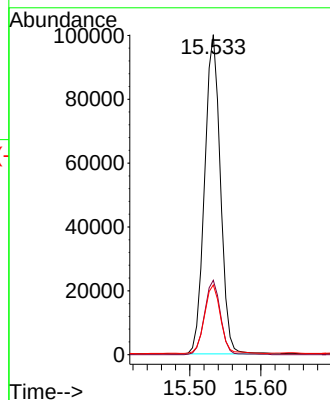
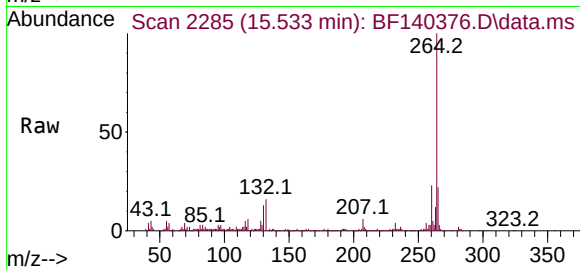
Tgt Ion:264 Resp: 154266

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.8 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 3.540 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF140376.D

Acq: 14 Nov 2024 21:28

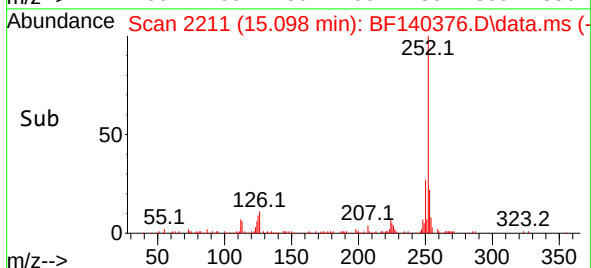
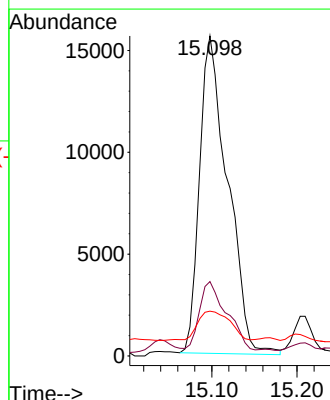
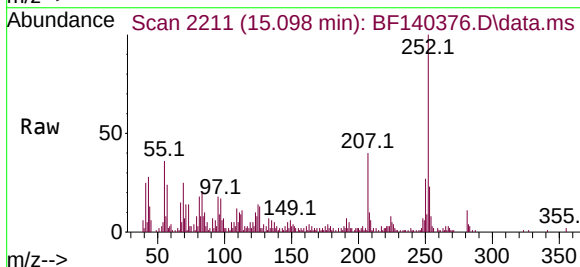
Tgt Ion:252 Resp: 35723

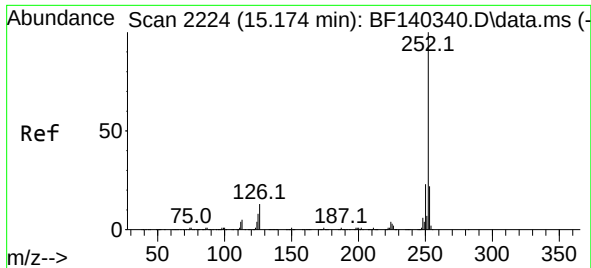
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

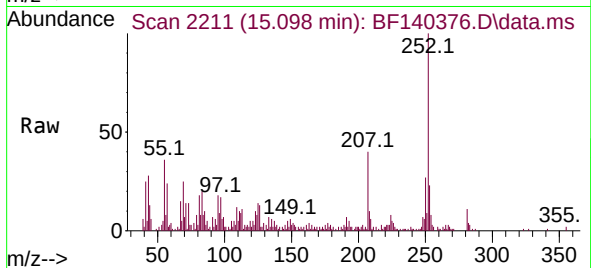
125 14.0 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 4.333 ng
RT: 15.098 min Scan# 211
Delta R.T. -0.053 min
Lab File: BF140376.D
Acq: 14 Nov 2024 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1RE



Tgt Ion:252 Resp: 35723
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 14.0 7.4 11.2#

