

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140375.D
 Acq On : 14 Nov 2024 21:01
 Operator : RC/JU
 Sample : P4796-05RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3RE

Quant Time: Nov 15 00:29:39 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	115769	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	419575	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	203640	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	303994	20.000	ng	0.00
76) Chrysene-d12	14.045	240	223370	20.000	ng	0.00
86) Perylene-d12	15.539	264	152470	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	744238	109.762	ng	0.02
7) Phenol-d6	6.516	99	978083	106.470	ng	0.01
23) Nitrobenzene-d5	7.434	82	627022	77.863	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	180425	89.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1079974	85.254	ng	0.00
79) Terphenyl-d14	12.986	244	902404	70.125	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	84967	15.314	ng	# 77
25) Isophorone	7.434	82	618471	43.334	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	27169	8.978	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	27169	6.822	ng	# 20
63) Azobenzene	10.622	77	69407	5.175	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	11801	3.883	ng	# 1
75) Fluoranthene	12.610	202	34211	2.135	ng	98
88) Benzo(b)fluoranthene	15.104	252	23608	2.367	ng	# 94
89) Benzo(k)fluoranthene	15.104	252	23608	2.897	ng	# 93

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

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QLast Update : Wed Nov 13 14:40:06 2024
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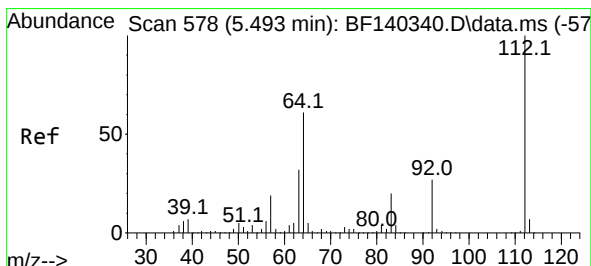
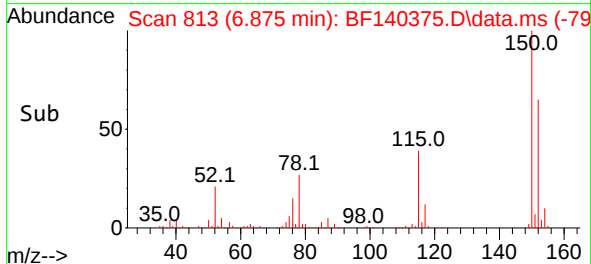
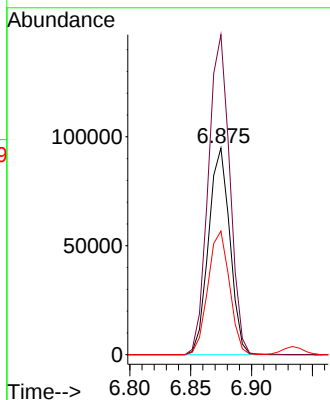
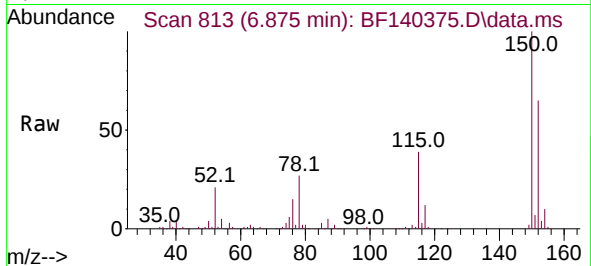




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

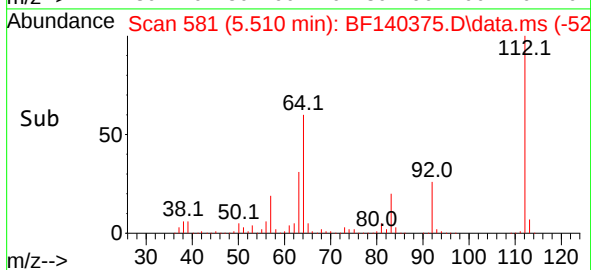
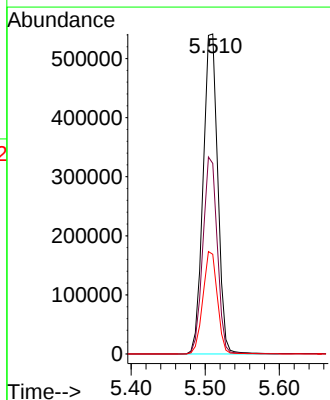
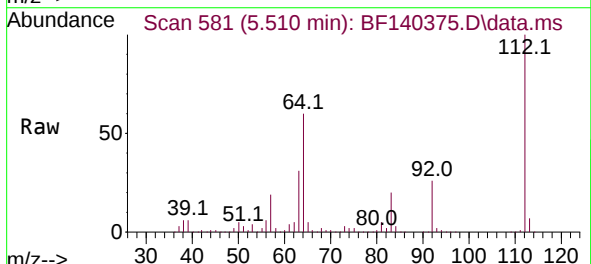
Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion:152 Resp: 115769
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 109.762 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion:112 Resp: 744238
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.1 25.6 38.4

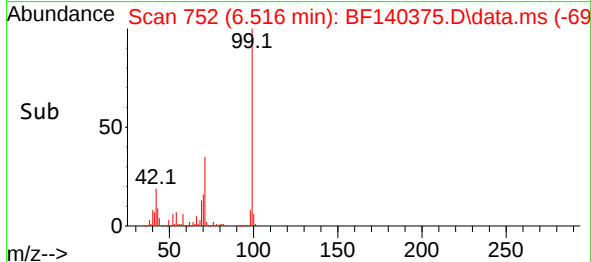
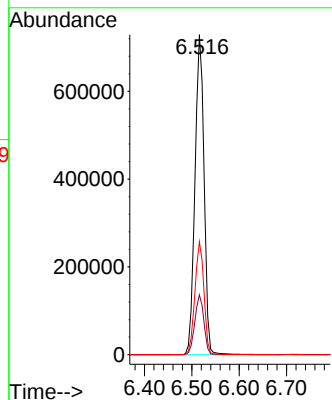
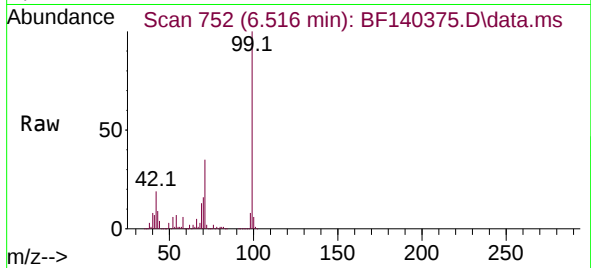




#7
Phenol-d6
Concen: 106.470 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

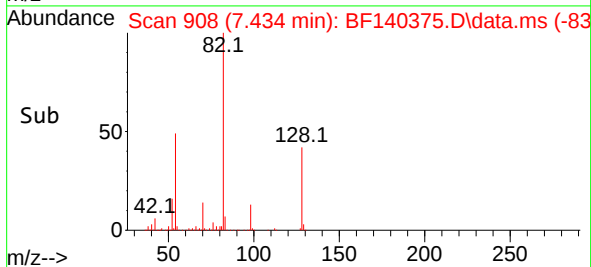
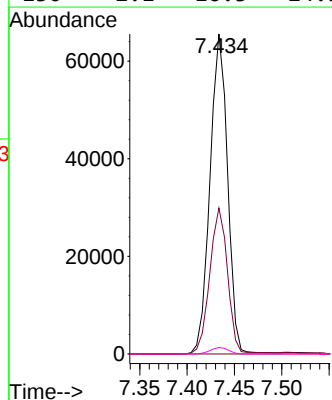
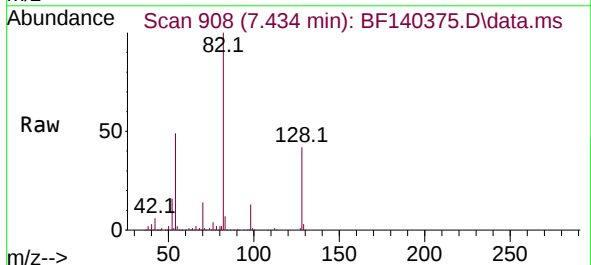
Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion: 99 Resp: 978083
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.314 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion: 70 Resp: 84967
Ion Ratio Lower Upper
70 100
42 45.6 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



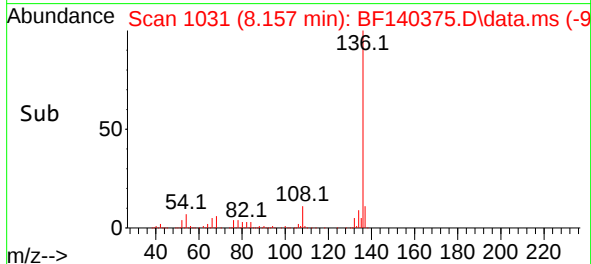
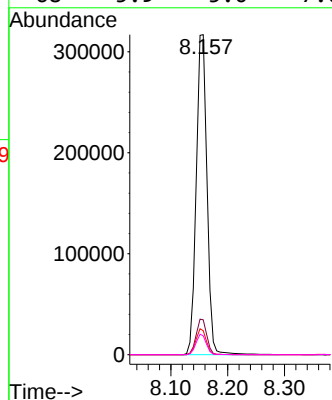
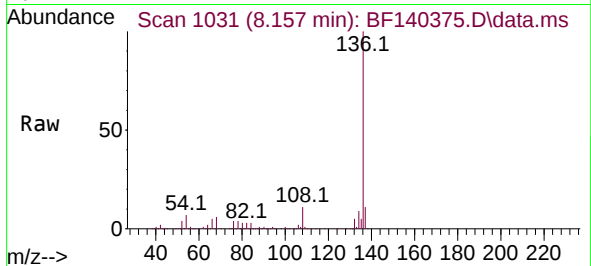


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion:136 Resp: 419575

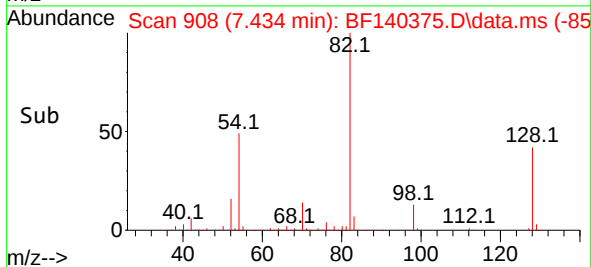
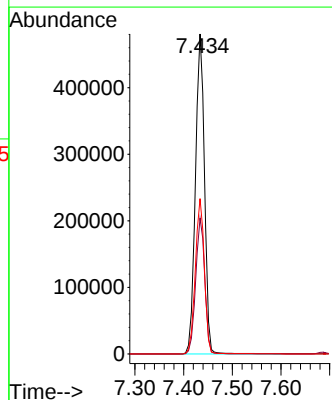
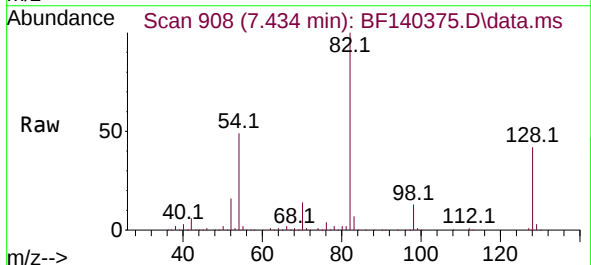
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.5	6.5	9.7
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 77.863 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion: 82 Resp: 627022

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	48.6	39.8	59.8

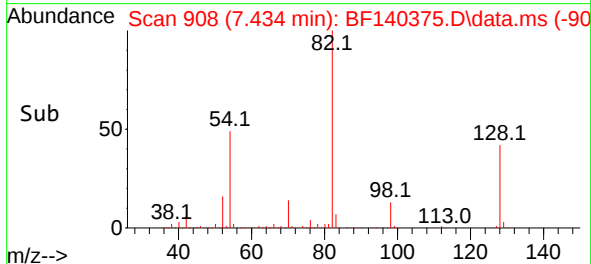
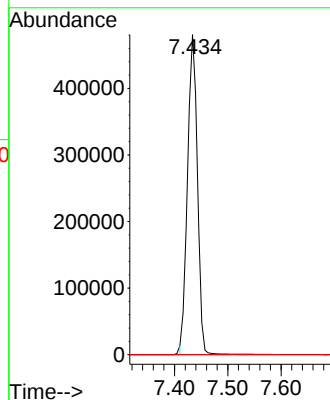
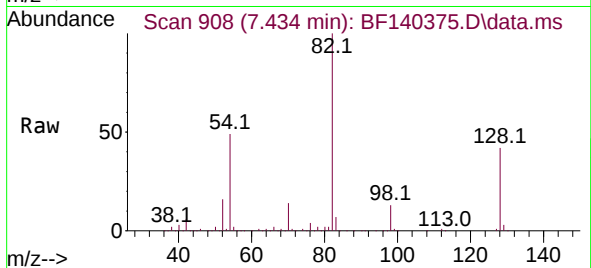




#25
Isophorone
Concen: 43.334 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

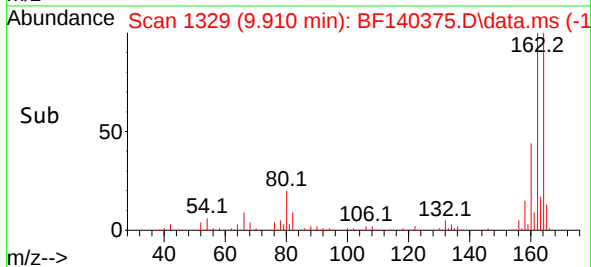
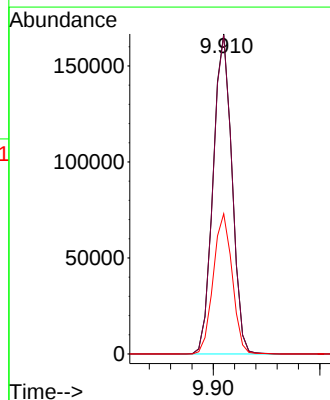
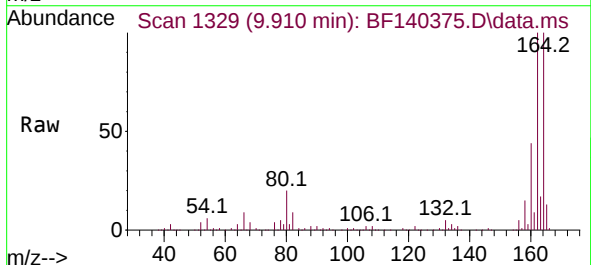
Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion: 82 Resp: 618471
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: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion: 164 Resp: 203640
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.8 35.4 53.0

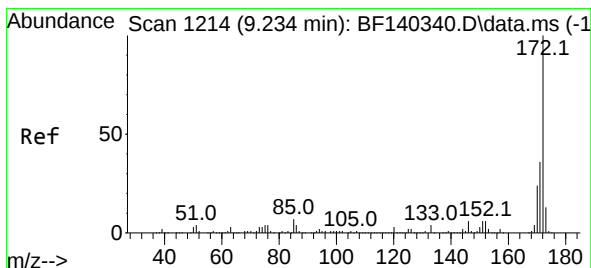
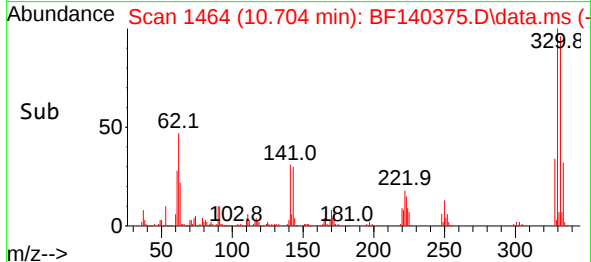
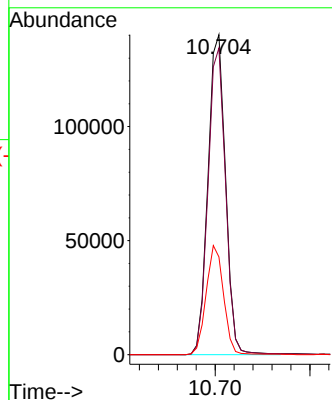
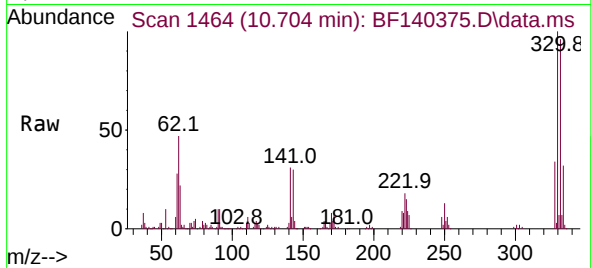




#42
2,4,6-Tribromophenol
Concen: 89.097 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

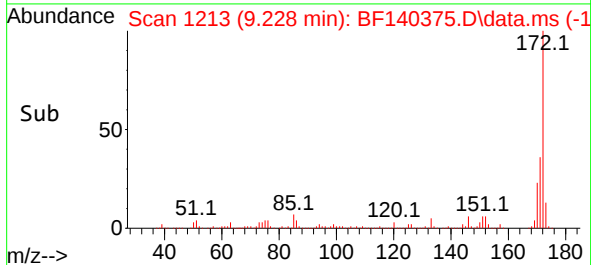
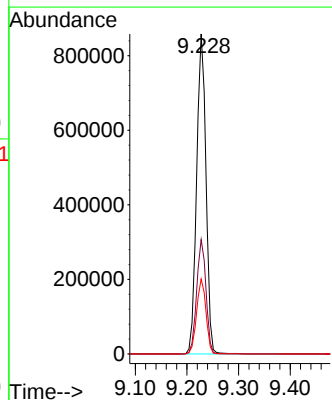
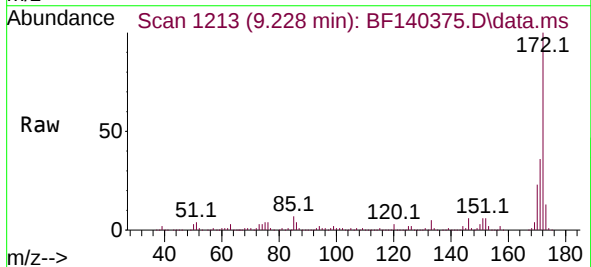
Instrument :
BNA_F
ClientSampleId :
TP-3RE

Tgt Ion:330 Resp: 180425
Ion Ratio Lower Upper
330 100
332 96.0 75.9 113.9
141 33.9 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 85.254 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion:172 Resp: 1079974
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.1 28.7

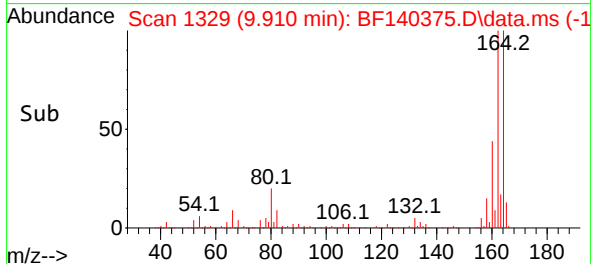
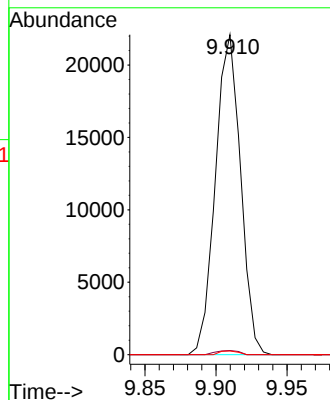
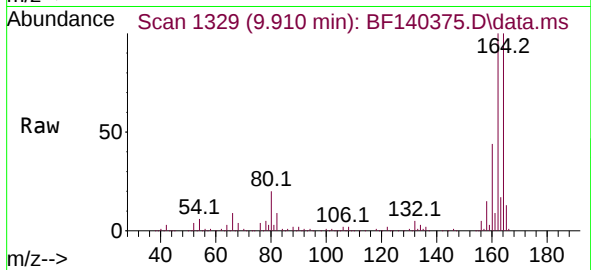




#51
2,6-Dinitrotoluene
Concen: 8.978 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

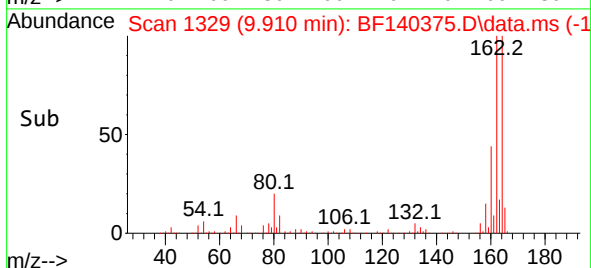
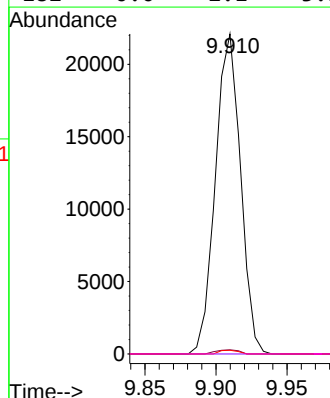
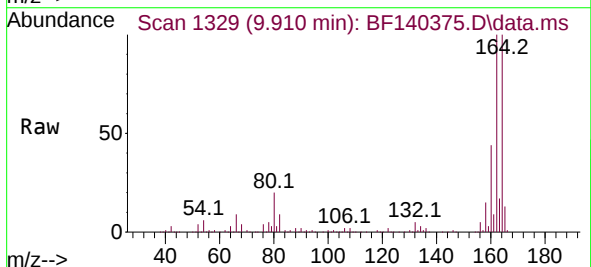
Instrument :
BNA_F
ClientSampleId :
TP-3RE

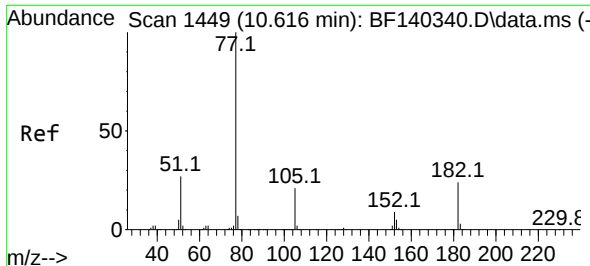
Tgt Ion:165 Resp: 27169
Ion Ratio Lower Upper
165 100
63 1.3 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.822 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion:165 Resp: 27169
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#

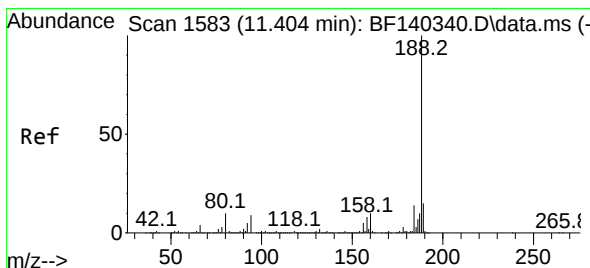
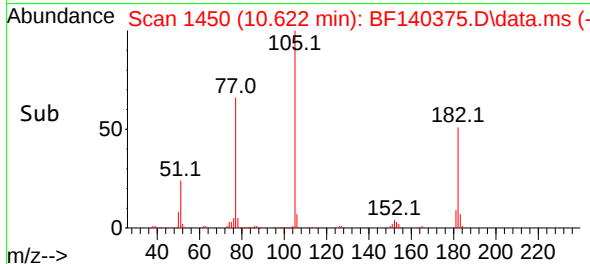
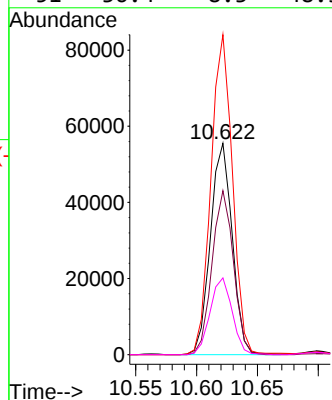
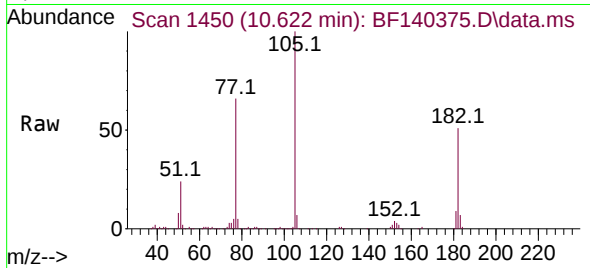




#63
Azobenzene
Concen: 5.175 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

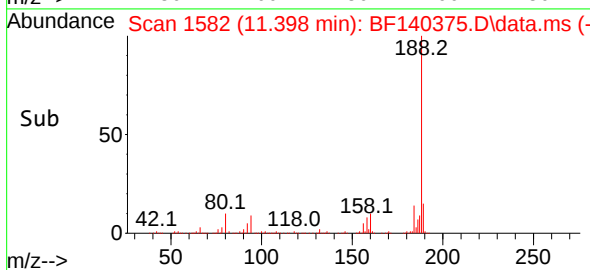
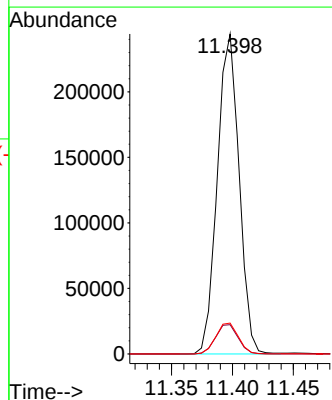
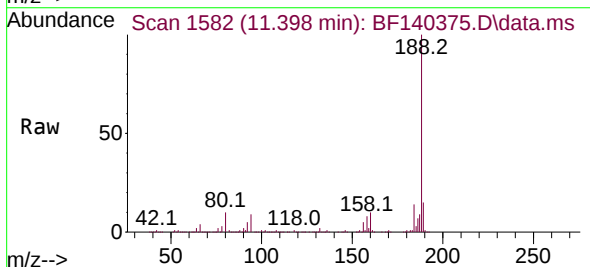
Instrument :
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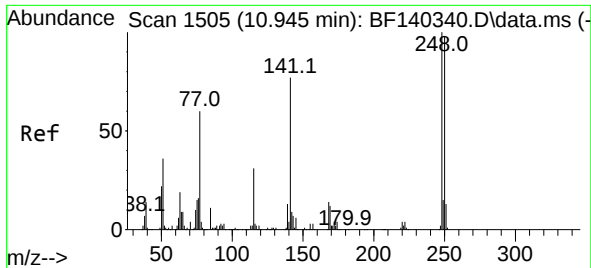
Tgt Ion: 77	Resp: 69407
Ion Ratio	Lower Upper
77 100	
182 77.6	4.6 44.6#
105 151.4	0.9 40.9#
51 36.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion: 188	Resp: 303994
Ion Ratio	Lower Upper
188 100	
94 9.2	7.6 11.4
80 9.7	8.0 12.0

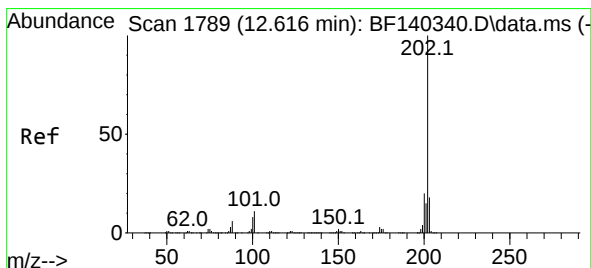
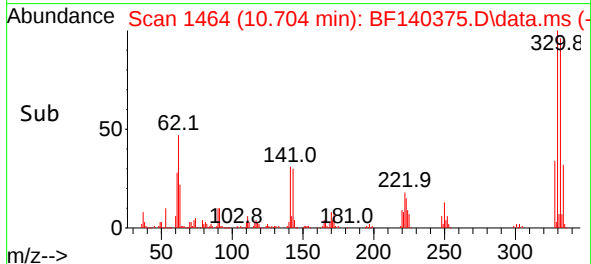
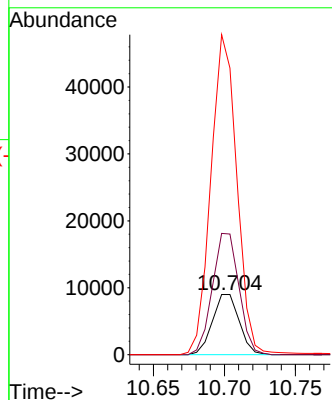
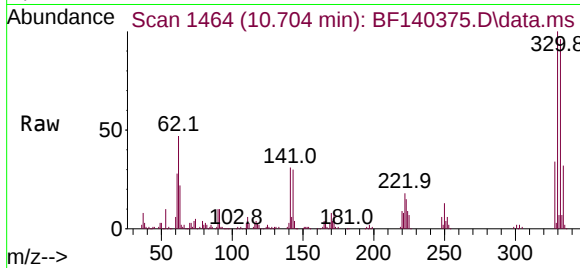




#67
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

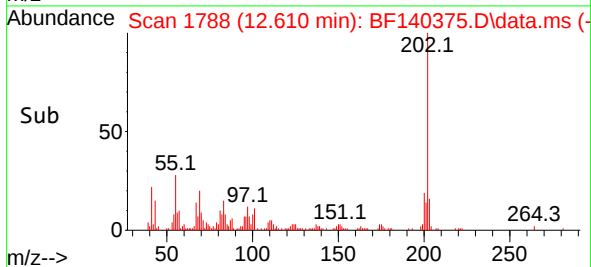
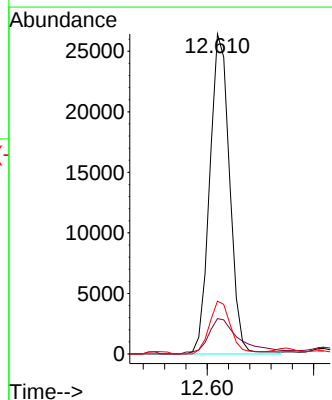
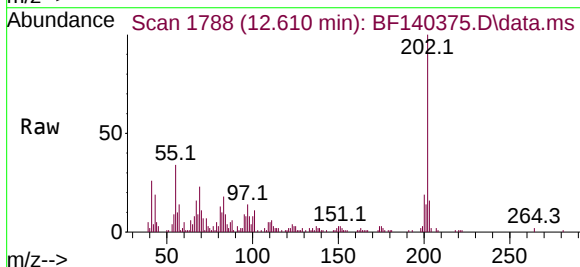
Instrument :
BNA_F
ClientSampleId :
TP-3RE

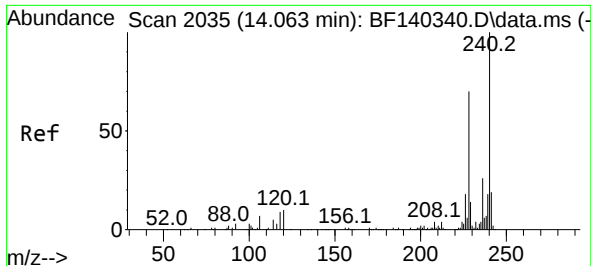
Tgt Ion:248 Resp: 11801
Ion Ratio Lower Upper
248 100
250 200.5 77.9 116.9#
141 476.1 61.8 92.6#



#75
Fluoranthene
Concen: 2.135 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion:202 Resp: 34211
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 16.5 0.0 37.7

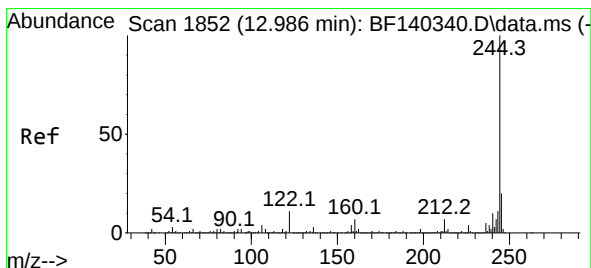
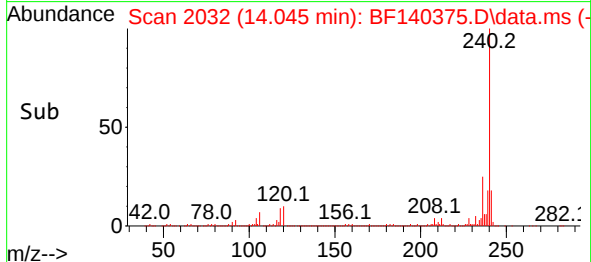
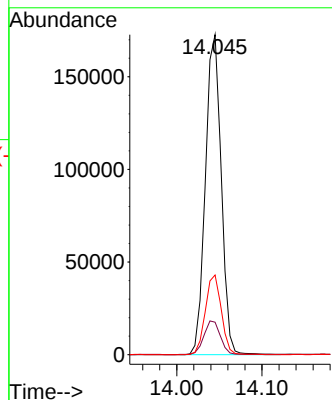
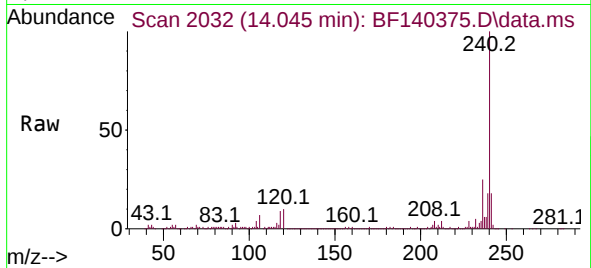




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

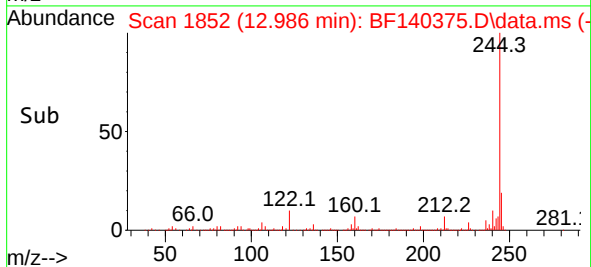
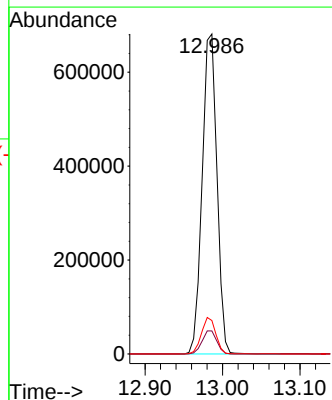
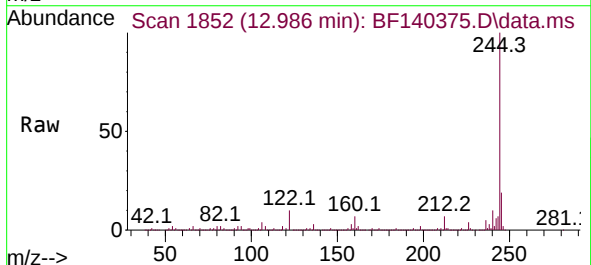
Instrument :
BNA_F
ClientSampleId :
TP-3RE

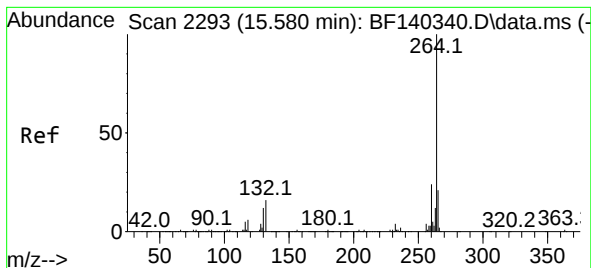
Tgt Ion:240 Resp: 223370
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 24.9 20.9 31.3



#79
Terphenyl-d14
Concen: 70.125 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

Tgt Ion:244 Resp: 902404
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140375.D

Acq: 14 Nov 2024 21:01

Instrument :

BNA_F

ClientSampleId :

TP-3RE

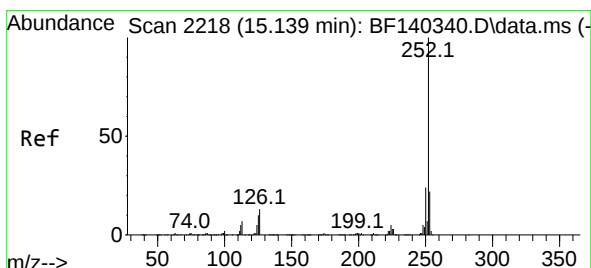
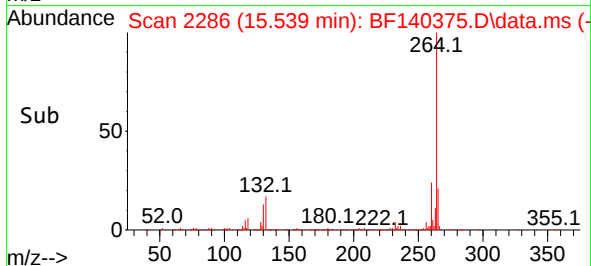
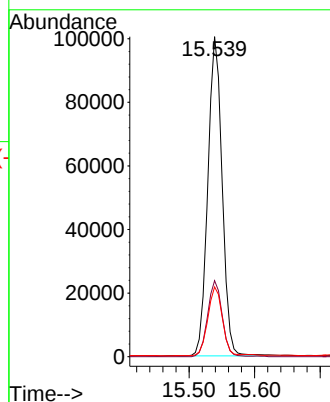
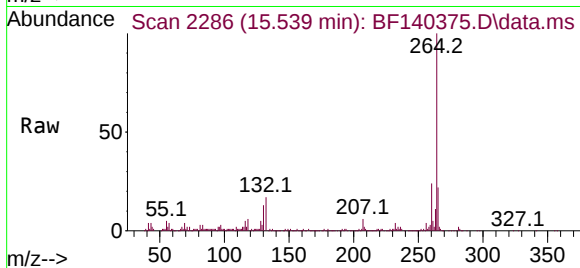
Tgt Ion:264 Resp: 152470

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.367 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF140375.D

Acq: 14 Nov 2024 21:01

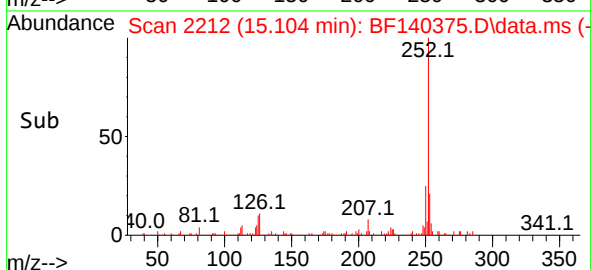
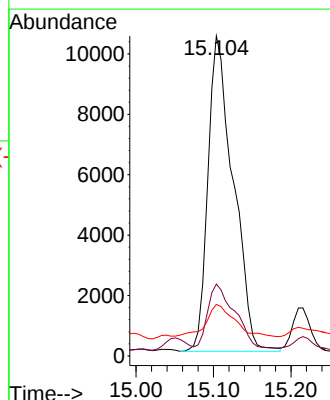
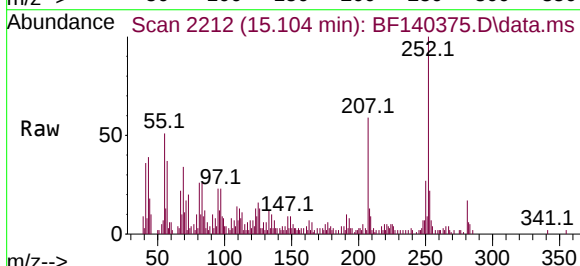
Tgt Ion:252 Resp: 23608

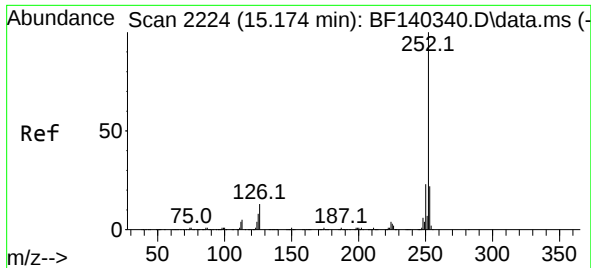
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 16.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.897 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF140375.D

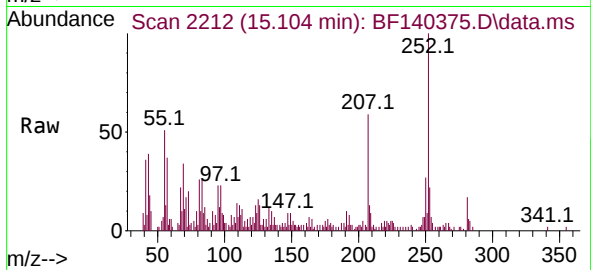
Acq: 14 Nov 2024 21:01

Instrument :

BNA_F

ClientSampleId :

TP-3RE



Tgt Ion:252 Resp: 23608

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 16.1 7.4 11.2#

