

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)

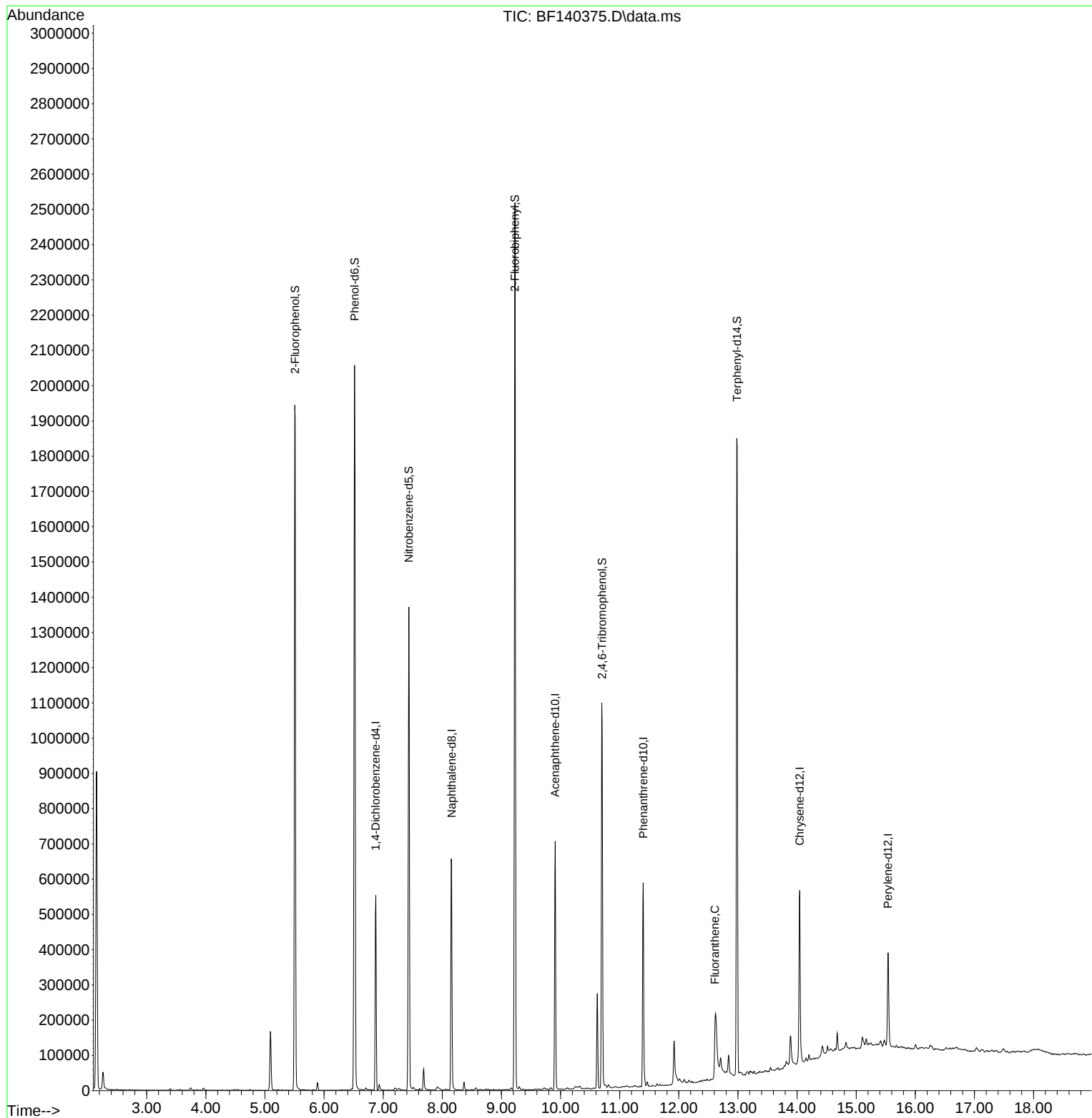
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115769	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	419575	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	203640	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	303994	20.000	ng	0.00
76) Chrysene-d12	14.045	240	223370	20.000	ng	0.00
86) Perylene-d12	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						
75) Fluoranthene	12.610	202	34211	2.135	ng	Qvalue 98

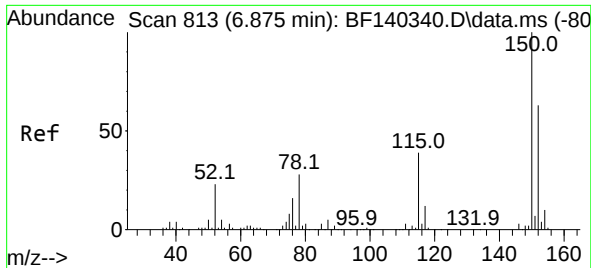
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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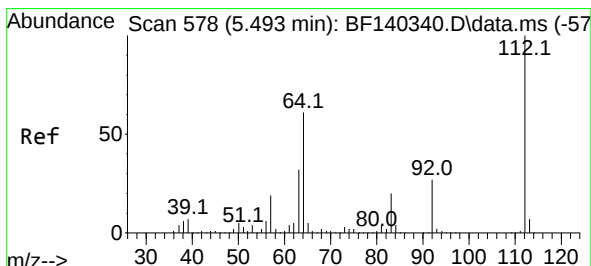
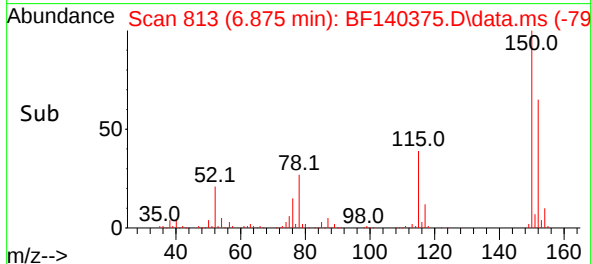
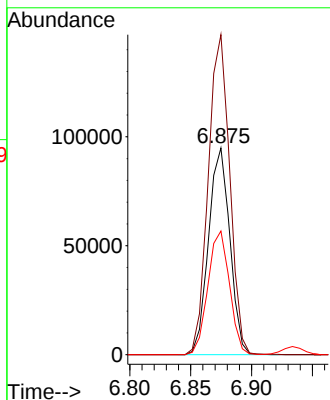
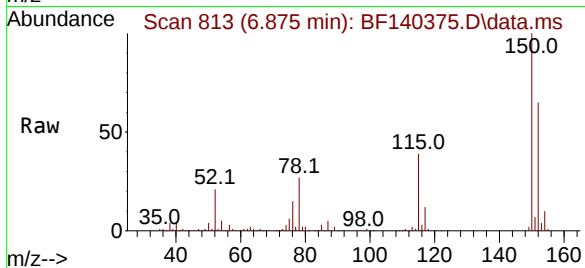




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

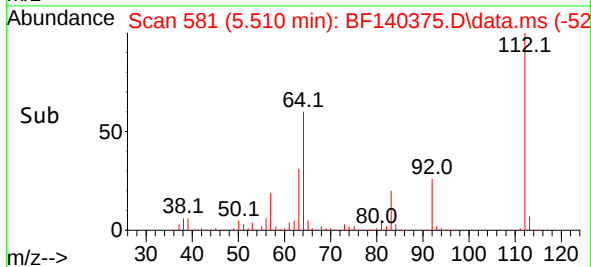
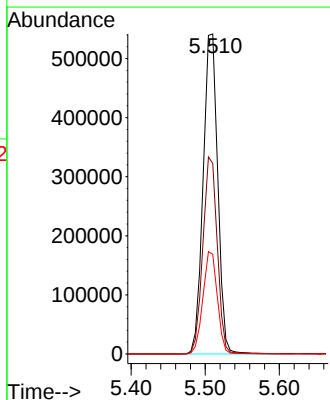
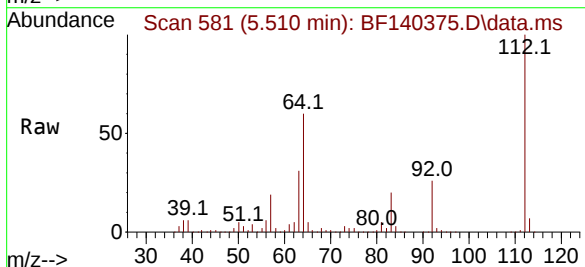
Instrument :
BNA_F
ClientSampleId :
TP-3RE

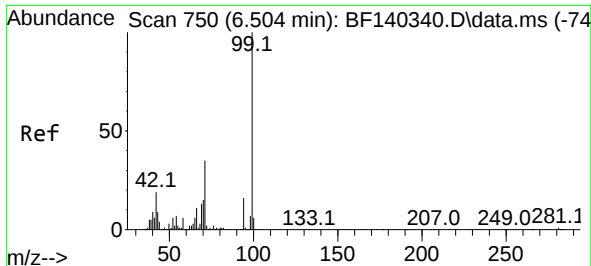
Tgt Ion:152 Resp: 115769
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 59.9 47.4 71.2



#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

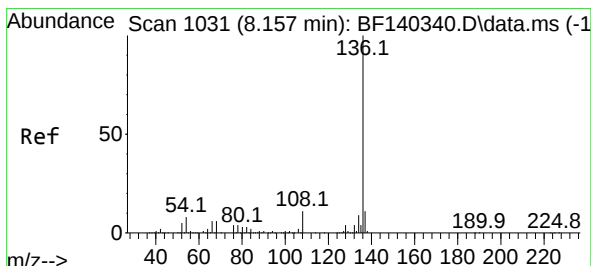
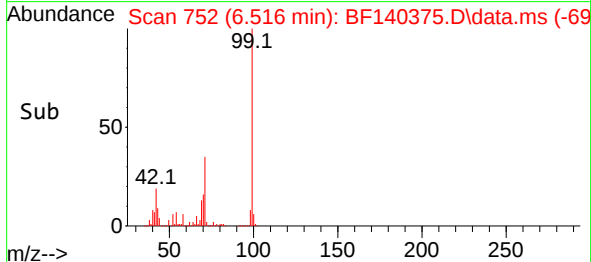
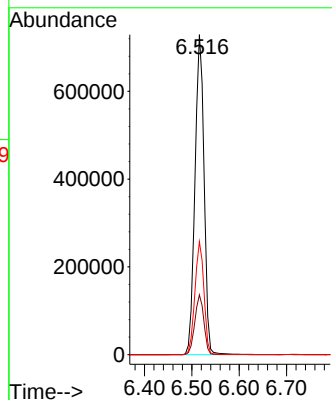
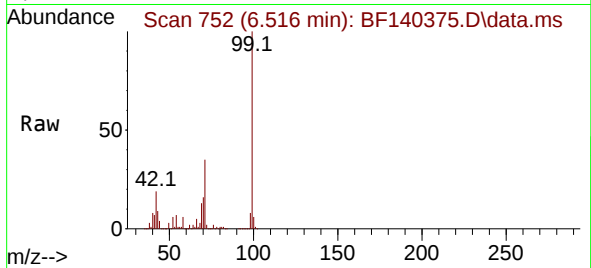




#7
Phenol-d6
Concen: 106.470 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

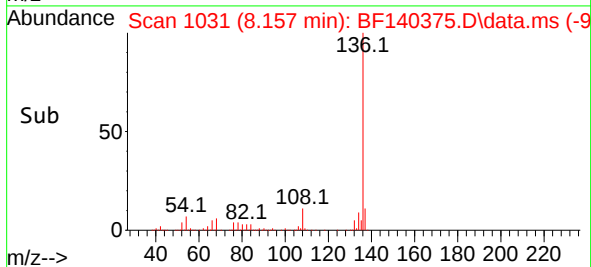
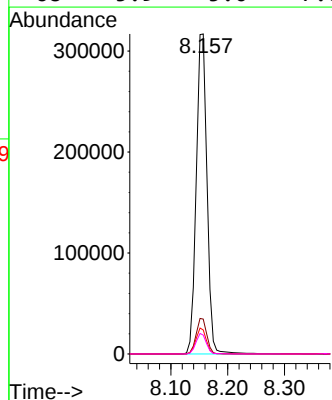
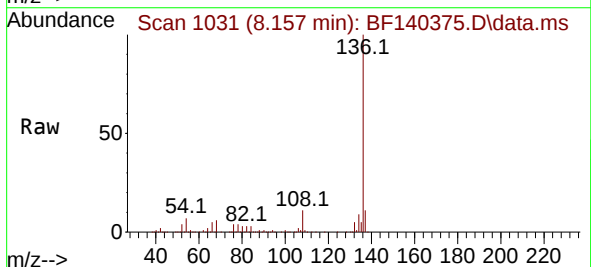
Instrument :
BNA_F
ClientSampleId :
TP-3RE

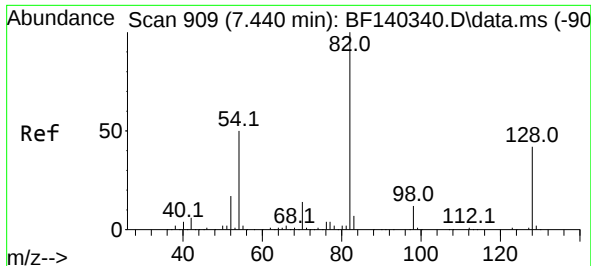
Tgt Ion: 99 Resp: 978083
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.3 27.9 41.9



#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

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

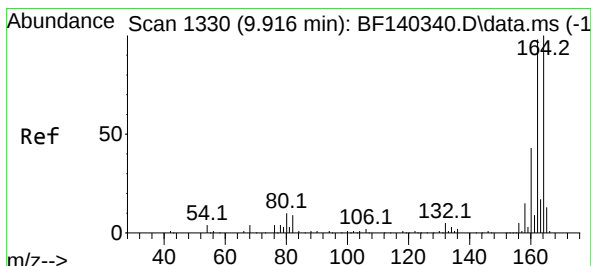
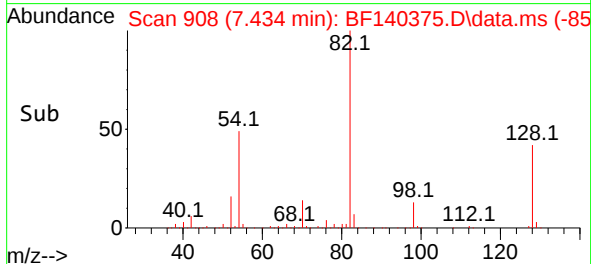
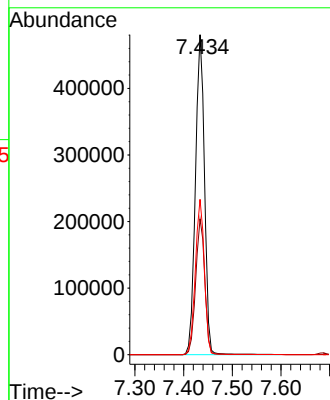
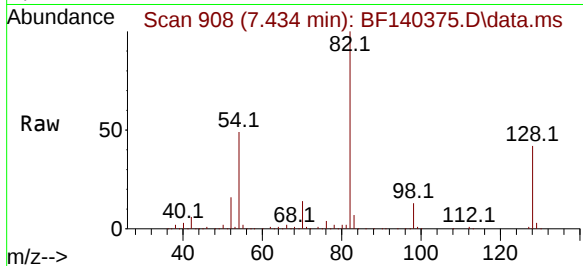




#23
 Nitrobenzene-d5
 Concen: 77.863 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140375.D
 Acq: 14 Nov 2024 21:01

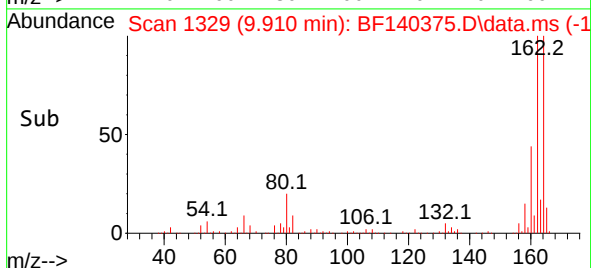
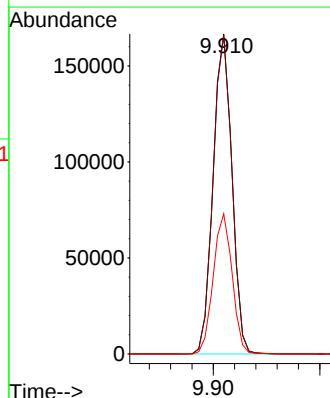
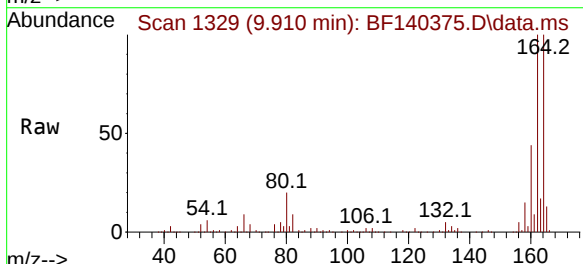
Instrument :
 BNA_F
 ClientSampleId :
 TP-3RE

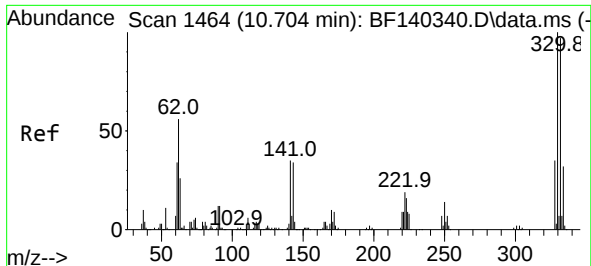
Tgt Ion: 82 Resp: 627022
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.3 49.9
 54 48.6 39.8 59.8



#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

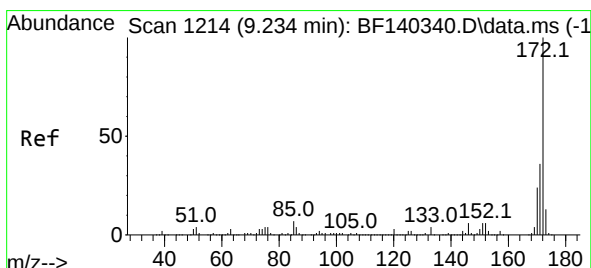
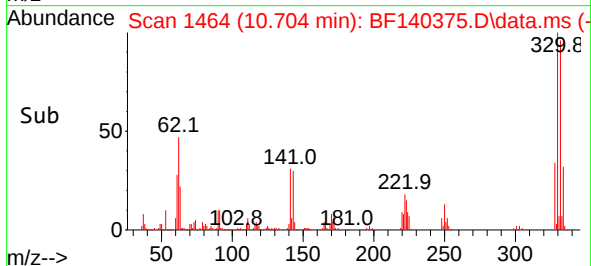
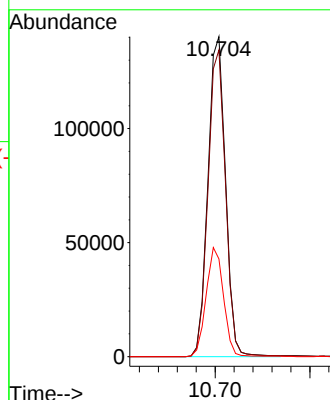
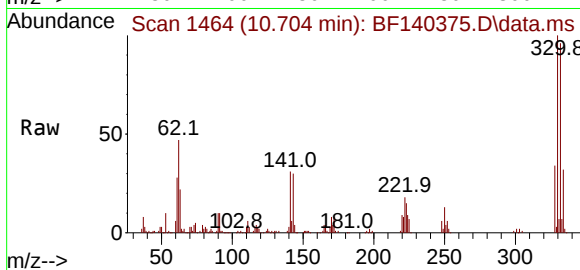
Tgt Ion:330 Resp: 180425

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

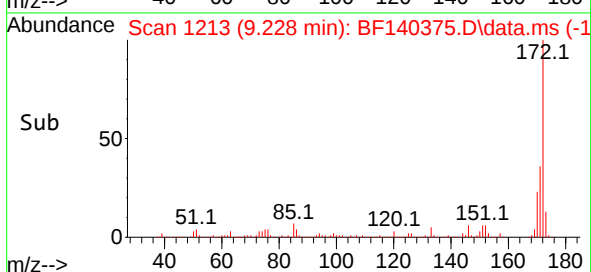
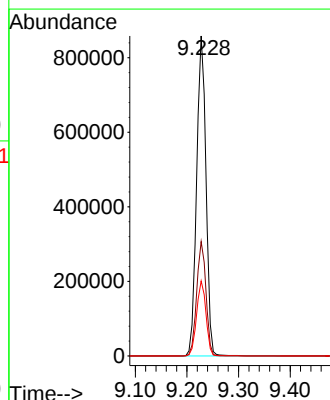
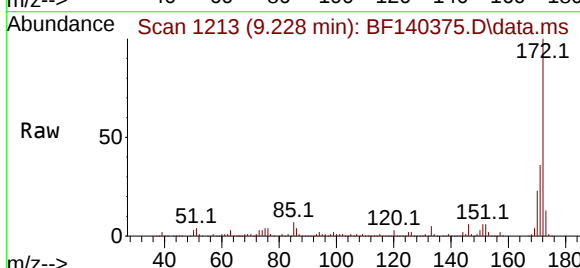
Tgt Ion:172 Resp: 1079974

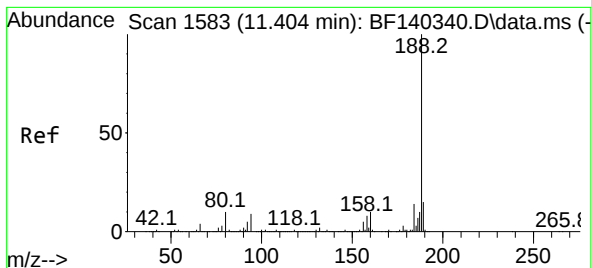
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140375.D

Acq: 14 Nov 2024 21:01

Instrument :

BNA_F

ClientSampleId :

TP-3RE

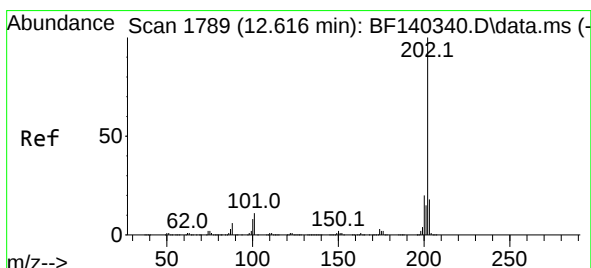
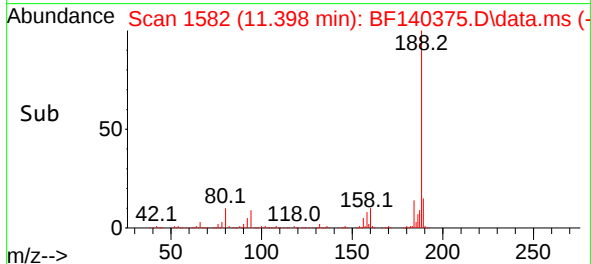
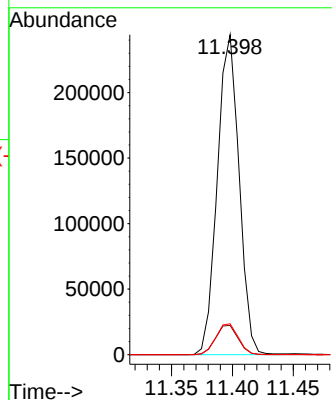
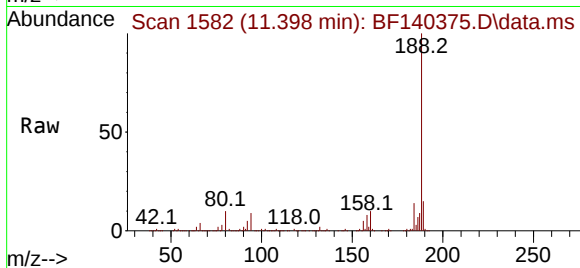
Tgt Ion:188 Resp: 303994

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.7 8.0 12.0



#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

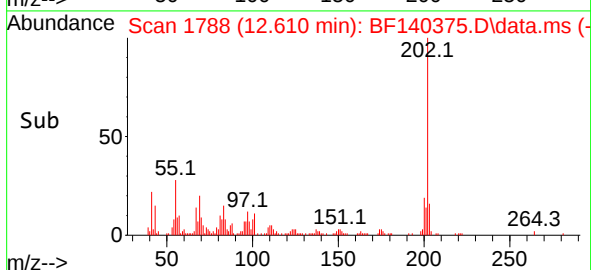
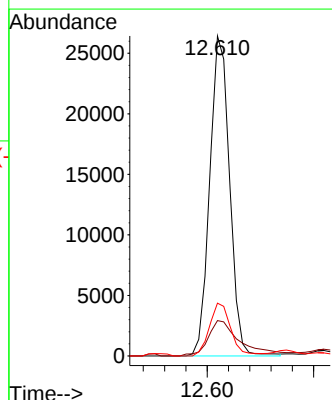
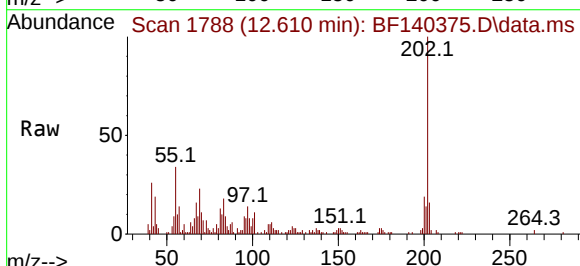
Tgt Ion:202 Resp: 34211

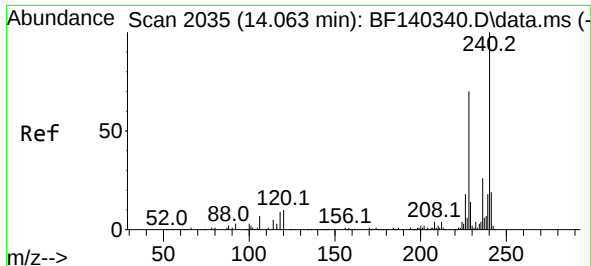
Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

203 16.5 0.0 37.7

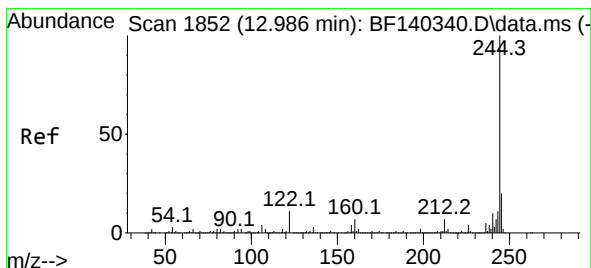
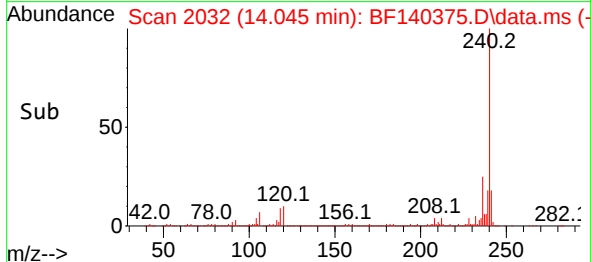
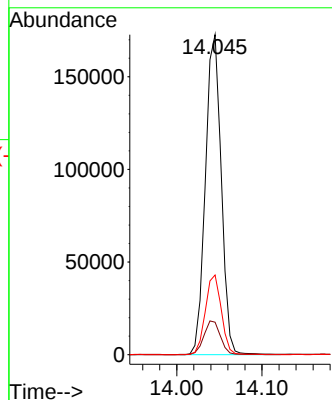
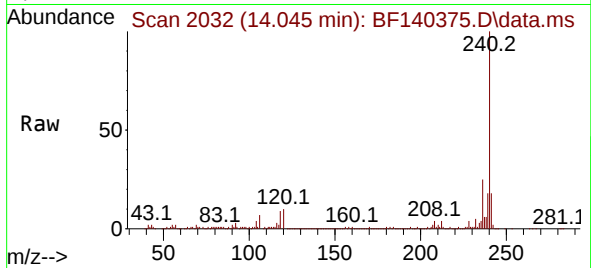




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140375.D
Acq: 14 Nov 2024 21:01

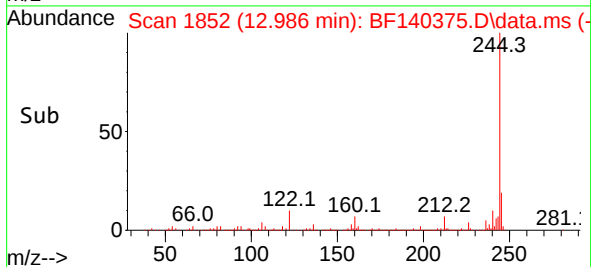
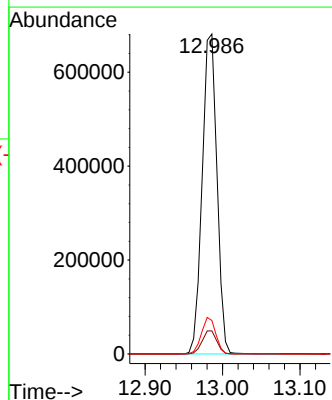
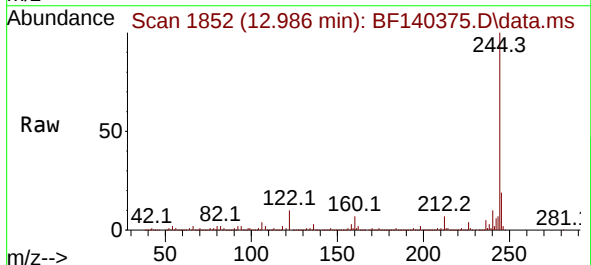
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TP-3RE

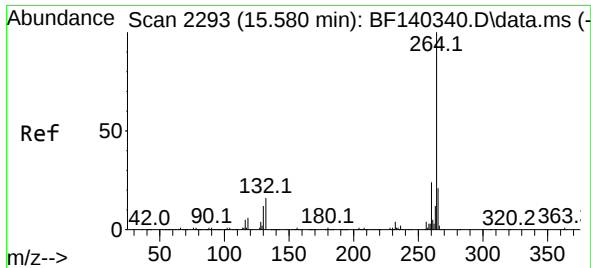
Tgt Ion:240 Resp: 223370
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 24.9 20.9 31.3



#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

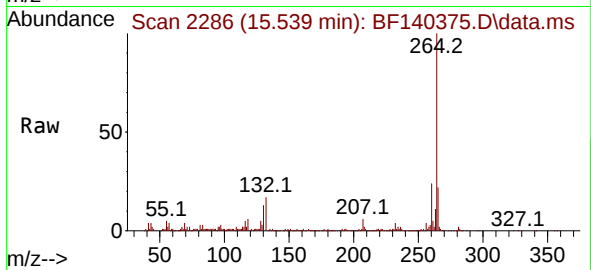
Tgt Ion:244 Resp: 902404
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.5 8.8 13.2





#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

