

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140427.D
 Acq On : 16 Nov 2024 14:04
 Operator : RC/JU
 Sample : P4833-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-731

Quant Time: Nov 18 00:06:23 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)

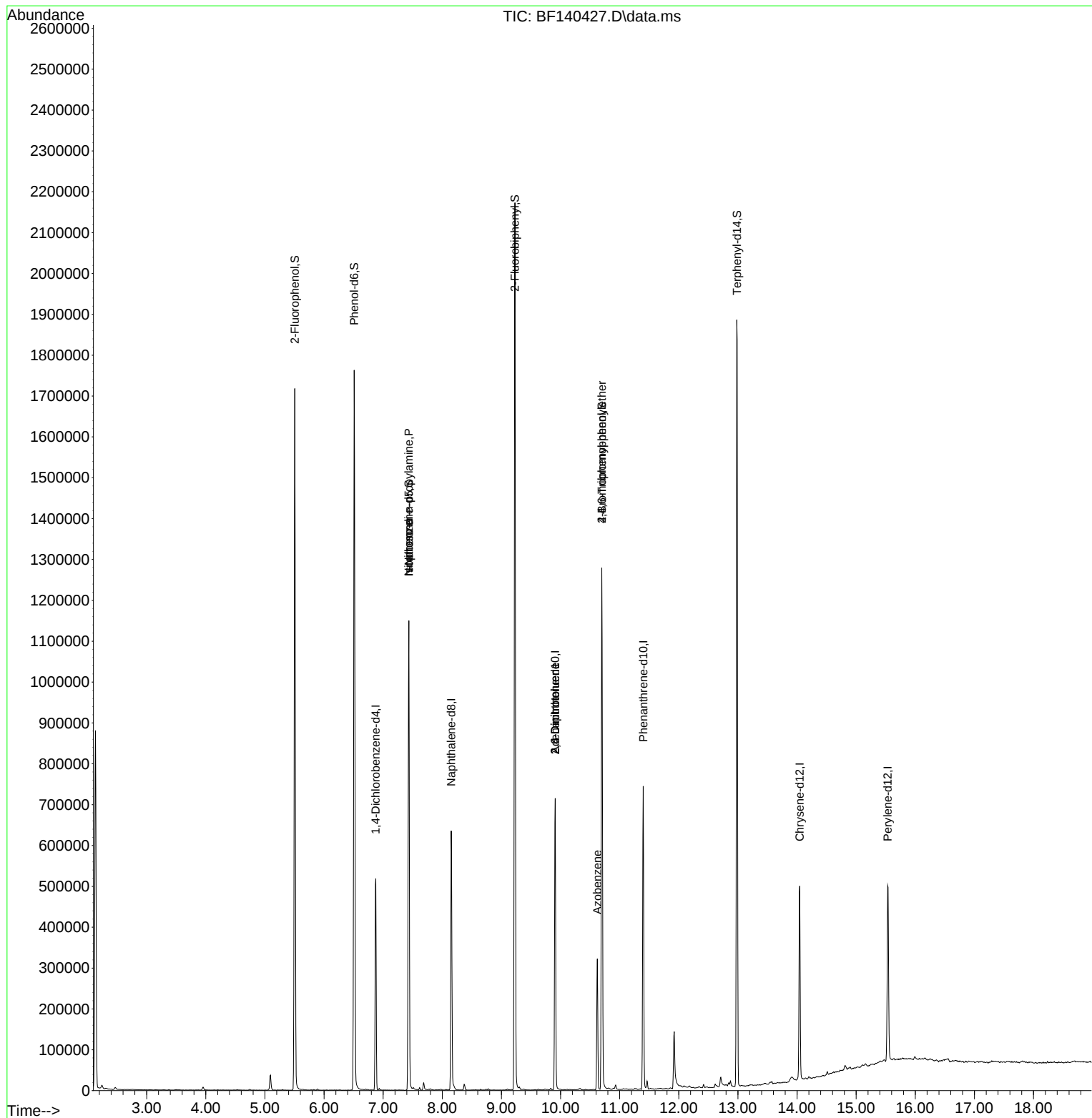
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112728	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	413818	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	219218	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	397672	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230624	20.000	ng	0.00
86) Perylene-d12	15.533	264	259998	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	631812	95.695	ng	0.01
7) Phenol-d6	6.510	99	835068	93.354	ng	0.00
23) Nitrobenzene-d5	7.434	82	523437	65.905	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	215313	98.770	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	955767	70.087	ng	0.00
79) Terphenyl-d14	12.986	244	929554	69.963	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	71053	13.152	ng	# 76
25) Isophorone	7.434	82	517317	36.751	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	28376	8.711	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	28377	6.619	ng	# 20
63) Azobenzene	10.622	77	83332	5.772	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	14019	3.527	ng	# 1

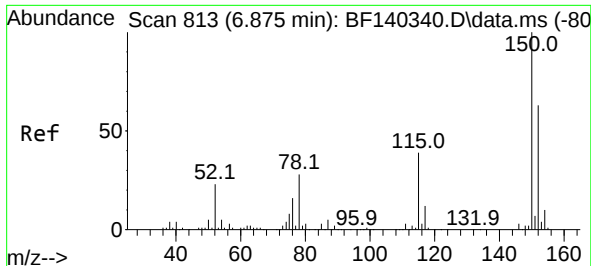
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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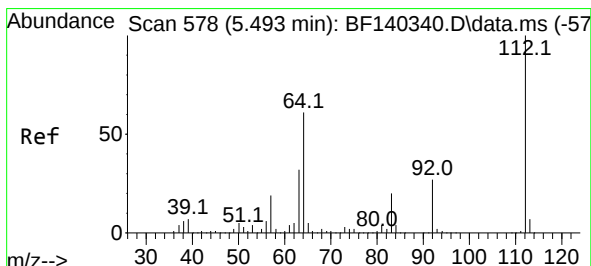
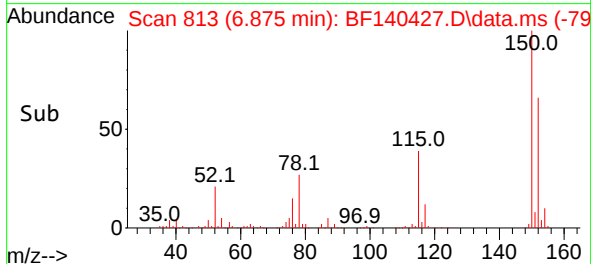
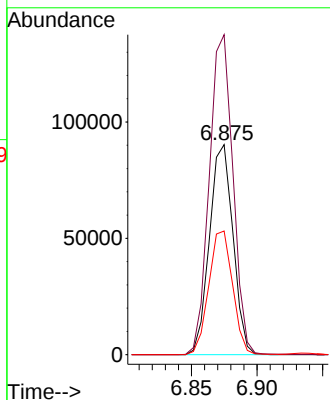
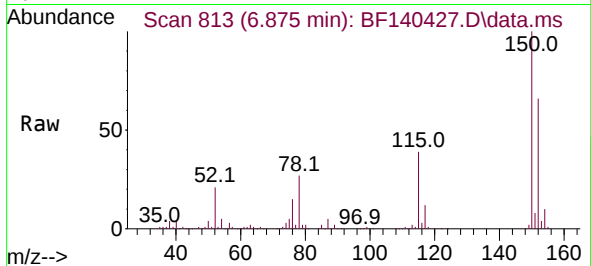




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

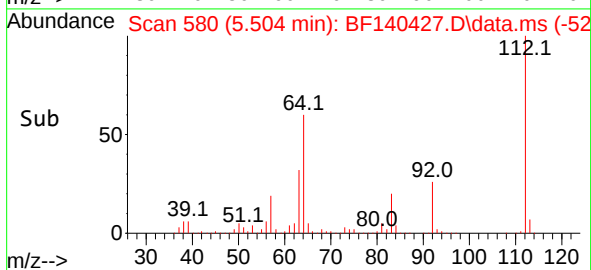
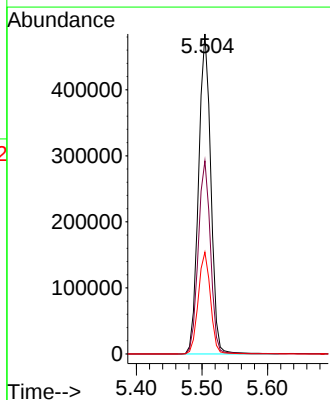
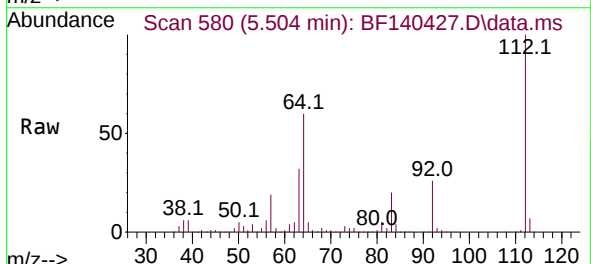
Instrument :
BNA_F
ClientSampleId :
MH-731

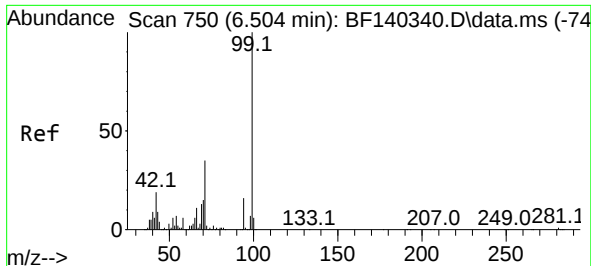
Tgt Ion:152 Resp: 112728
Ion Ratio Lower Upper
152 100
150 152.3 127.4 191.0
115 58.8 47.4 71.2



#5
2-Fluorophenol
Concen: 95.695 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion:112 Resp: 631812
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.8 25.6 38.4

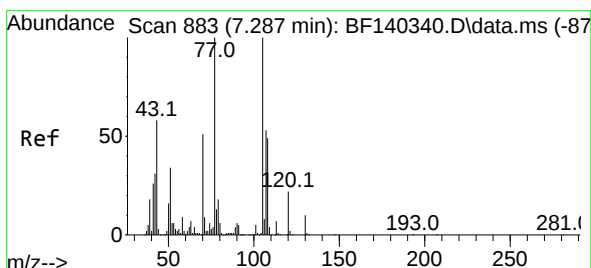
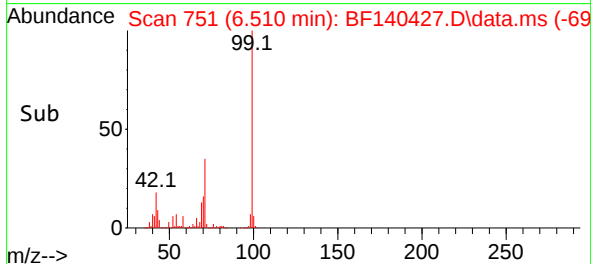
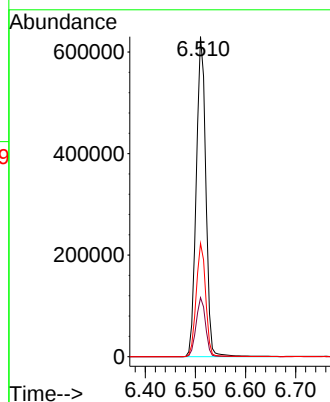
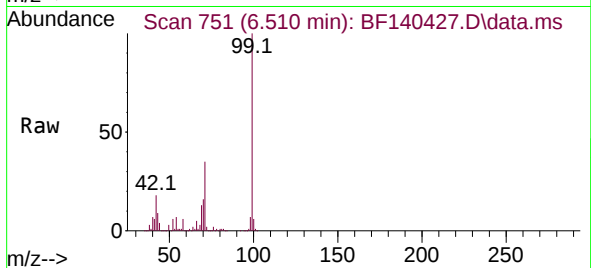




#7
Phenol-d6
Concen: 93.354 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

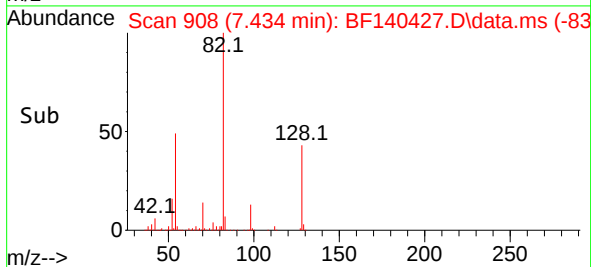
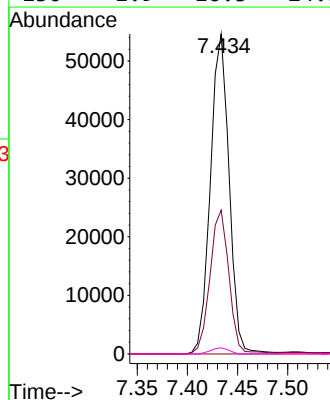
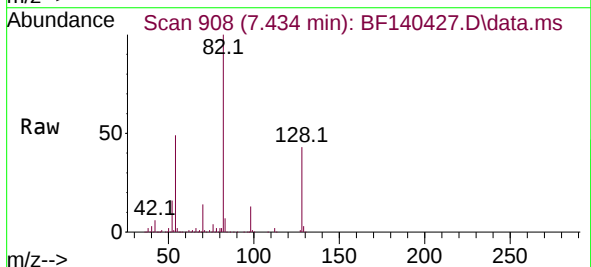
Instrument :
BNA_F
ClientSampleId :
MH-731

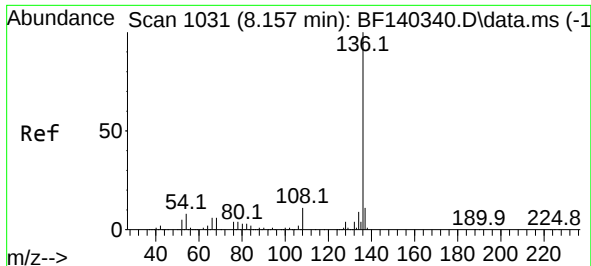
Tgt Ion: 99 Resp: 835068
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.4 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.152 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion: 70 Resp: 71053
Ion Ratio Lower Upper
70 100
42 44.9 46.8 70.2#
101 0.0 7.5 11.3#
130 1.9 16.3 24.5#

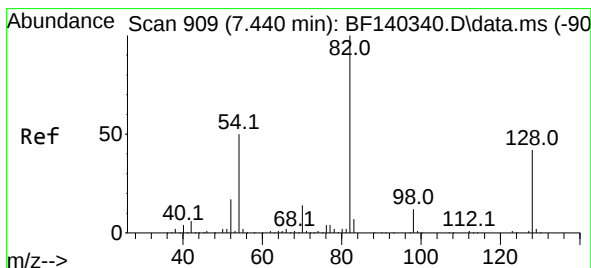
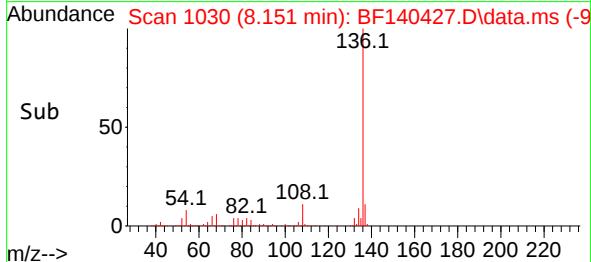
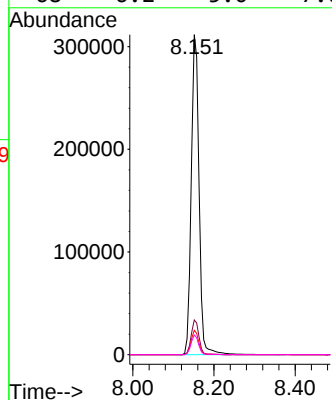
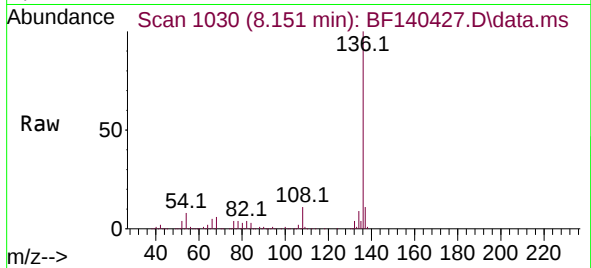




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

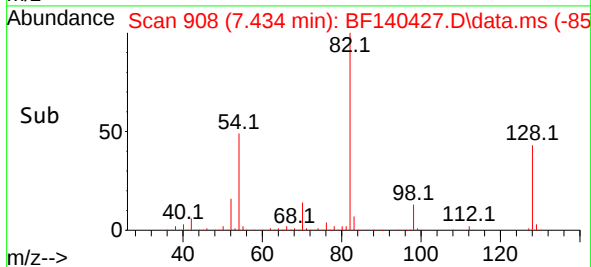
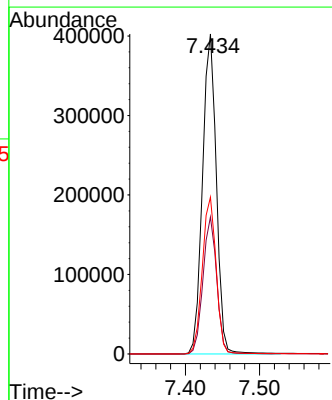
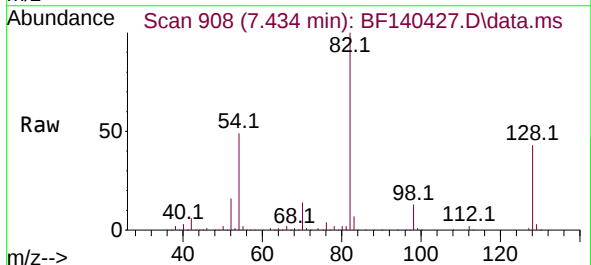
Instrument :
BNA_F
ClientSampleId :
MH-731

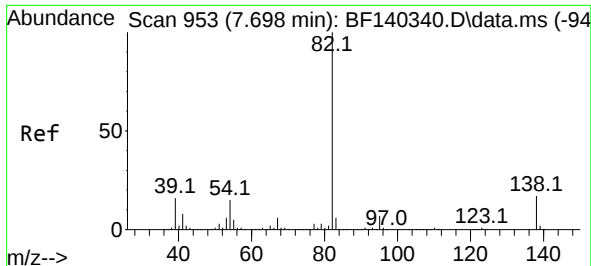
Tgt Ion:136 Resp: 413818
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 65.905 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion: 82 Resp: 523437
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 49.0 39.8 59.8

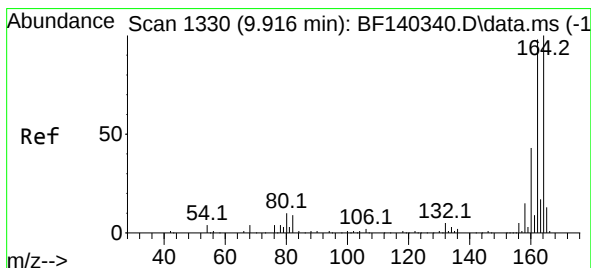
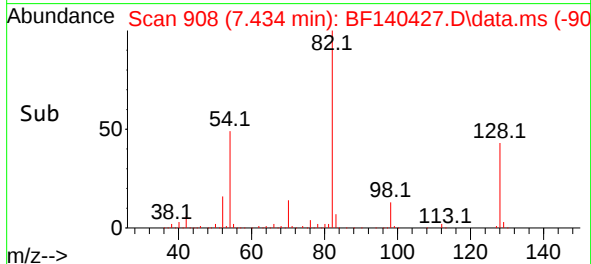
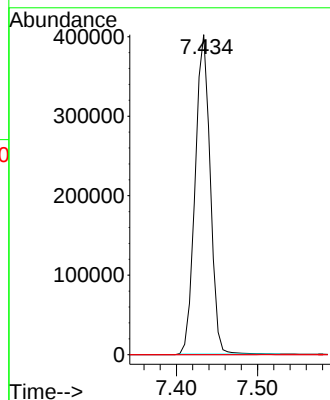
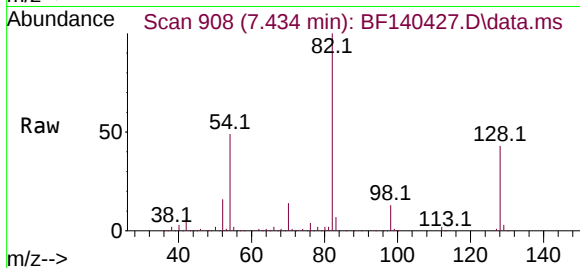




#25
Isophorone
Concen: 36.751 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

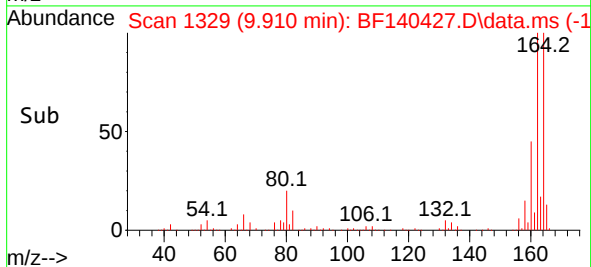
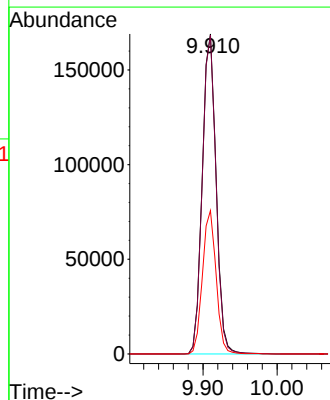
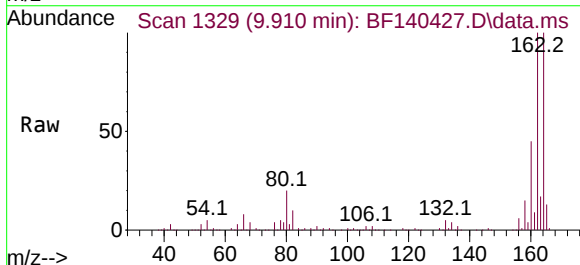
Instrument :
BNA_F
ClientSampleId :
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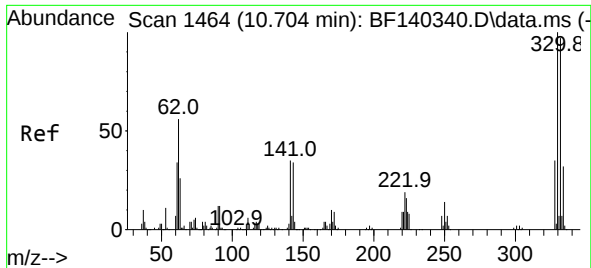
Tgt Ion: 82 Resp: 517317
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion: 164 Resp: 219218
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 44.8 35.4 53.0

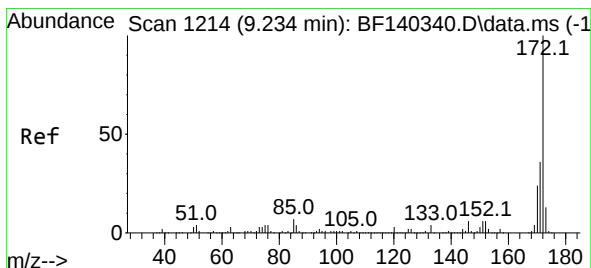
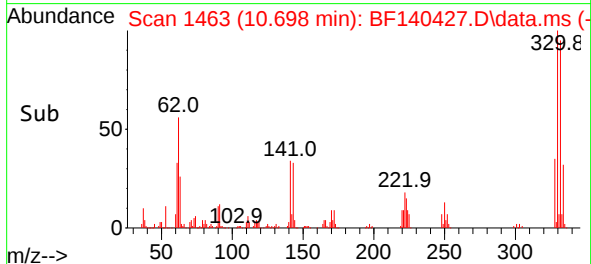
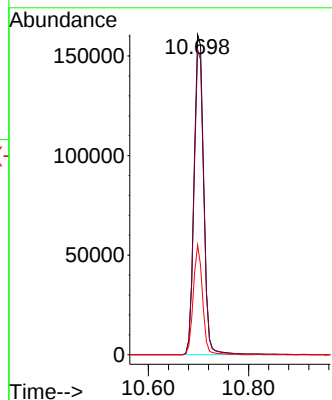
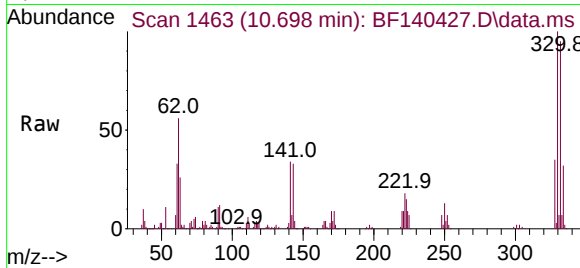




#42
2,4,6-Tribromophenol
Concen: 98.770 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

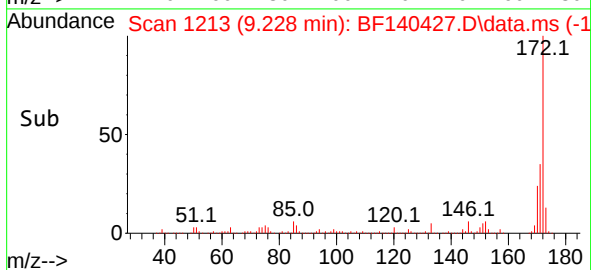
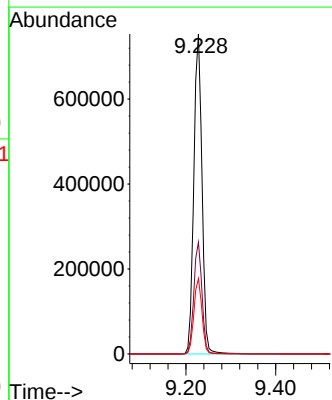
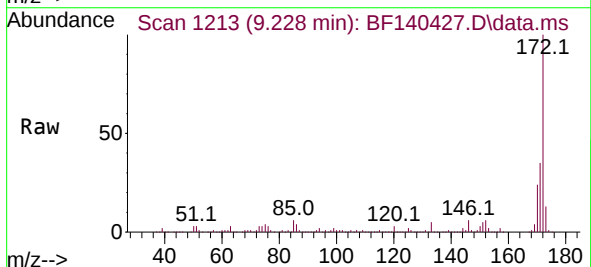
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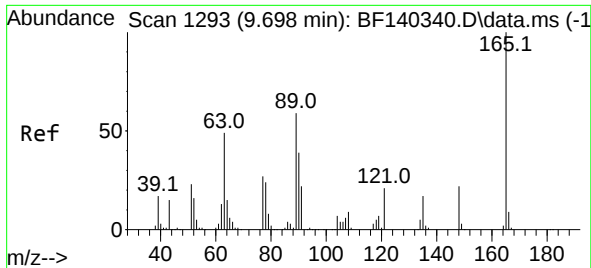
Tgt Ion:330 Resp: 215313
Ion Ratio Lower Upper
330 100
332 95.5 75.9 113.9
141 32.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 70.087 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion:172 Resp: 955767
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.6 19.1 28.7

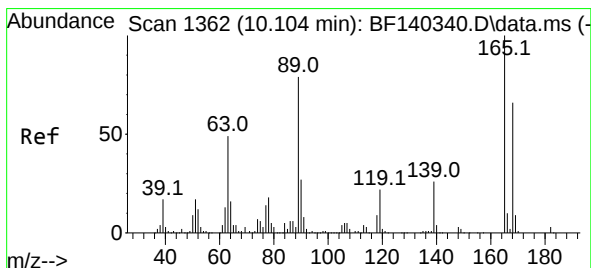
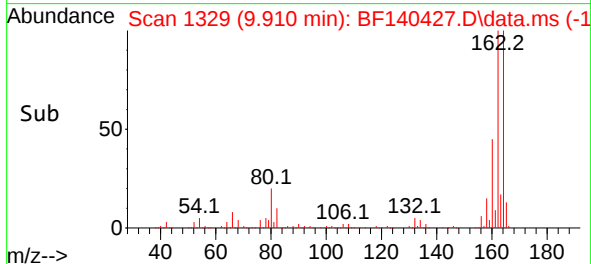
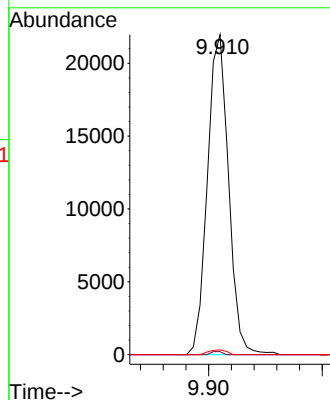
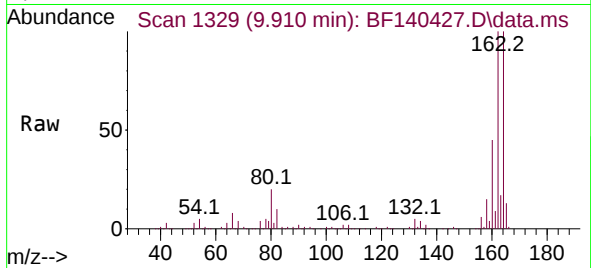




#51
2,6-Dinitrotoluene
Concen: 8.711 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

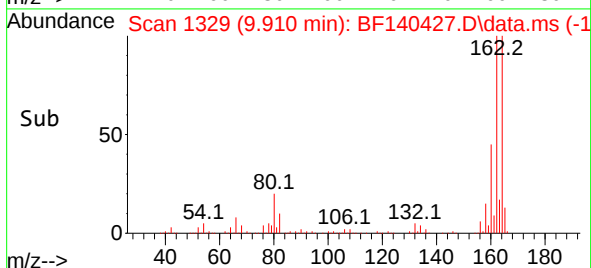
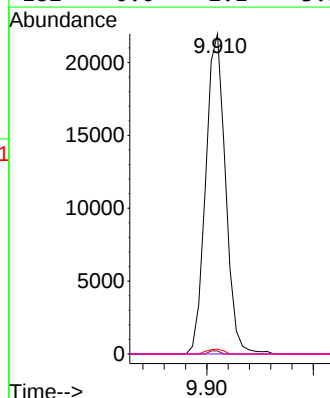
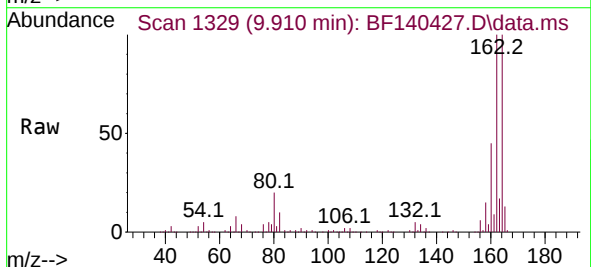
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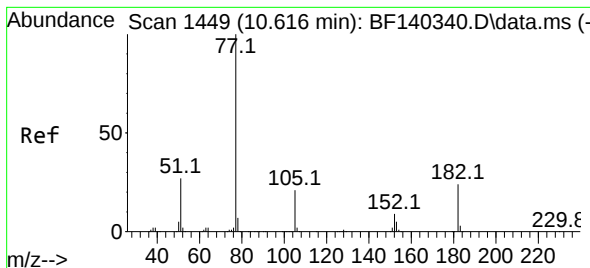
Tgt Ion:165 Resp: 28376
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.5 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.619 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion:165 Resp: 28377
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.0#
89 1.5 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 5.772 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140427.D

Acq: 16 Nov 2024 14:04

Instrument :

BNA_F

ClientSampleId :

MH-731

Tgt Ion: 77 Resp: 83332

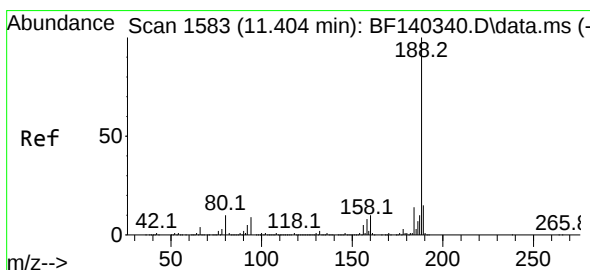
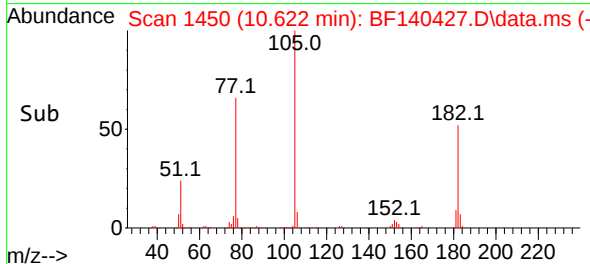
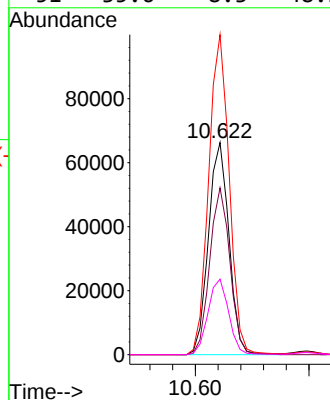
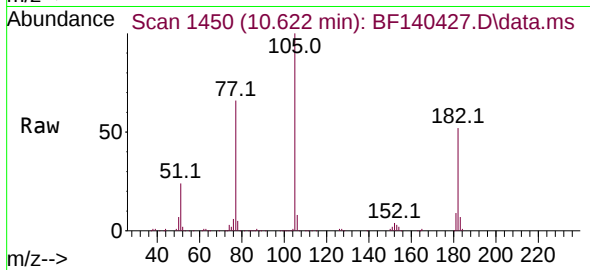
Ion Ratio Lower Upper

77 100

182 78.6 4.6 44.6#

105 150.8 0.9 40.9#

51 35.6 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: BF140427.D

Acq: 16 Nov 2024 14:04

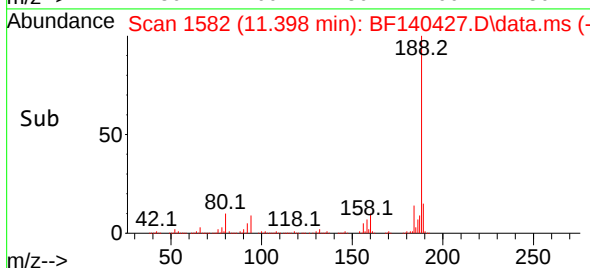
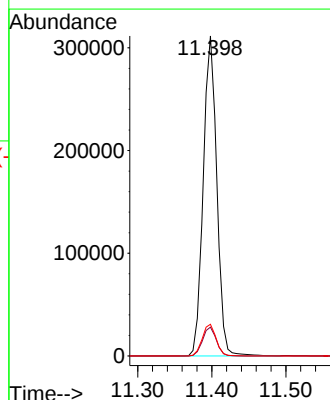
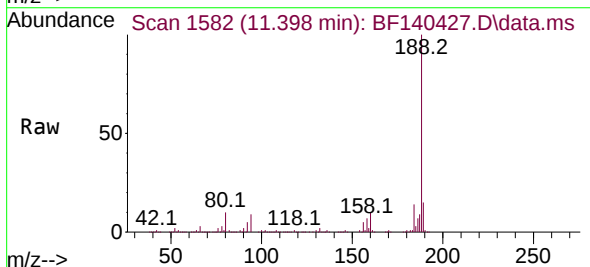
Tgt Ion: 188 Resp: 397672

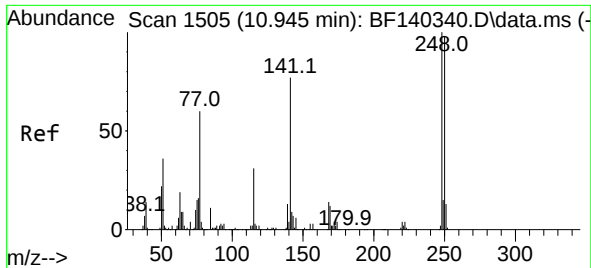
Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.9 8.0 12.0

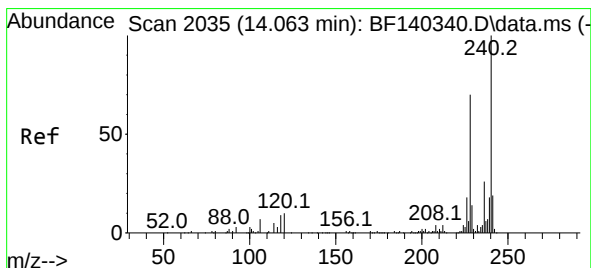
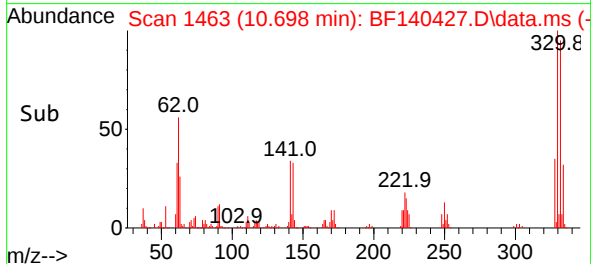
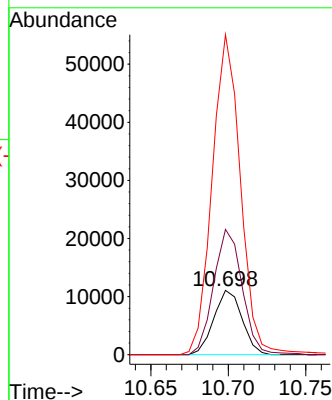
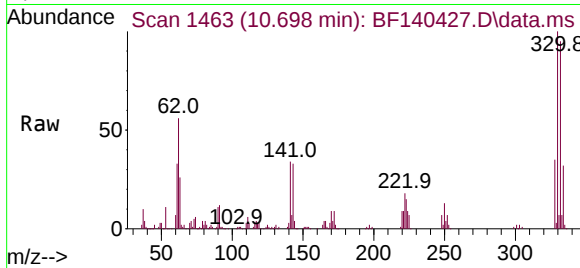




#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.698 min Scan# 14019
Delta R.T. -0.247 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

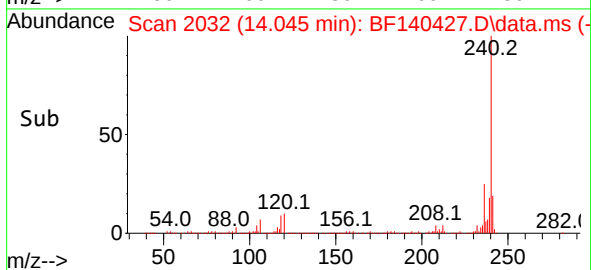
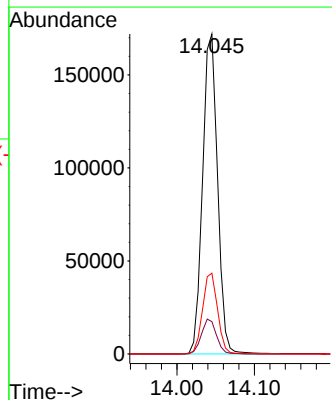
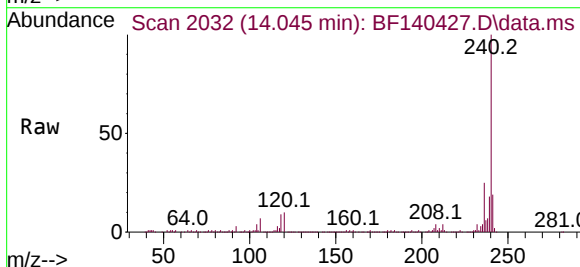
Instrument :
BNA_F
ClientSampleId :
MH-731

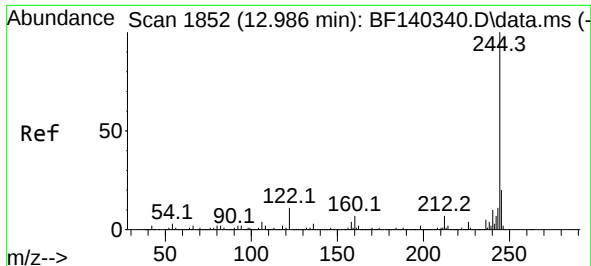
Tgt Ion:248 Resp: 14019
Ion Ratio Lower Upper
248 100
250 195.0 77.9 116.9#
141 497.9 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140427.D
Acq: 16 Nov 2024 14:04

Tgt Ion:240 Resp: 230624
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.2 20.9 31.3

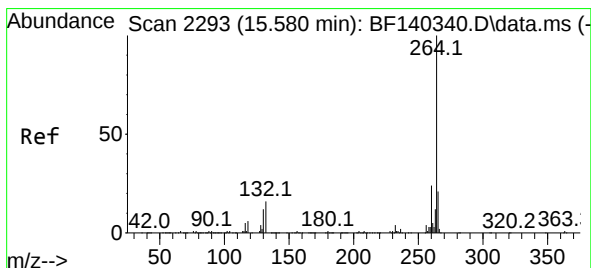
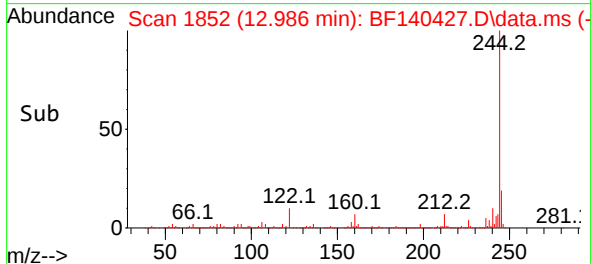
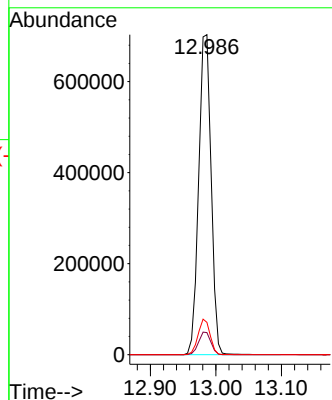
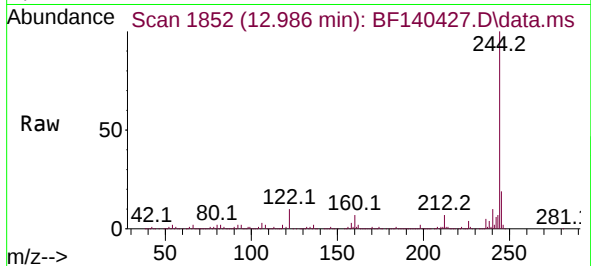




#79
 Terphenyl-d14
 Concen: 69.963 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140427.D
 Acq: 16 Nov 2024 14:04

Instrument :
 BNA_F
 ClientSampleId :
 MH-731

Tgt Ion:244 Resp: 929554
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140427.D
 Acq: 16 Nov 2024 14:04

Tgt Ion:264 Resp: 259998
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 17.1 25.7

