

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129346.D
 Acq On : 26 Jul 2022 09:59
 Operator : CG\JU
 Sample : PB146415BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146415BL

Quant Time: Jul 27 00:38:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

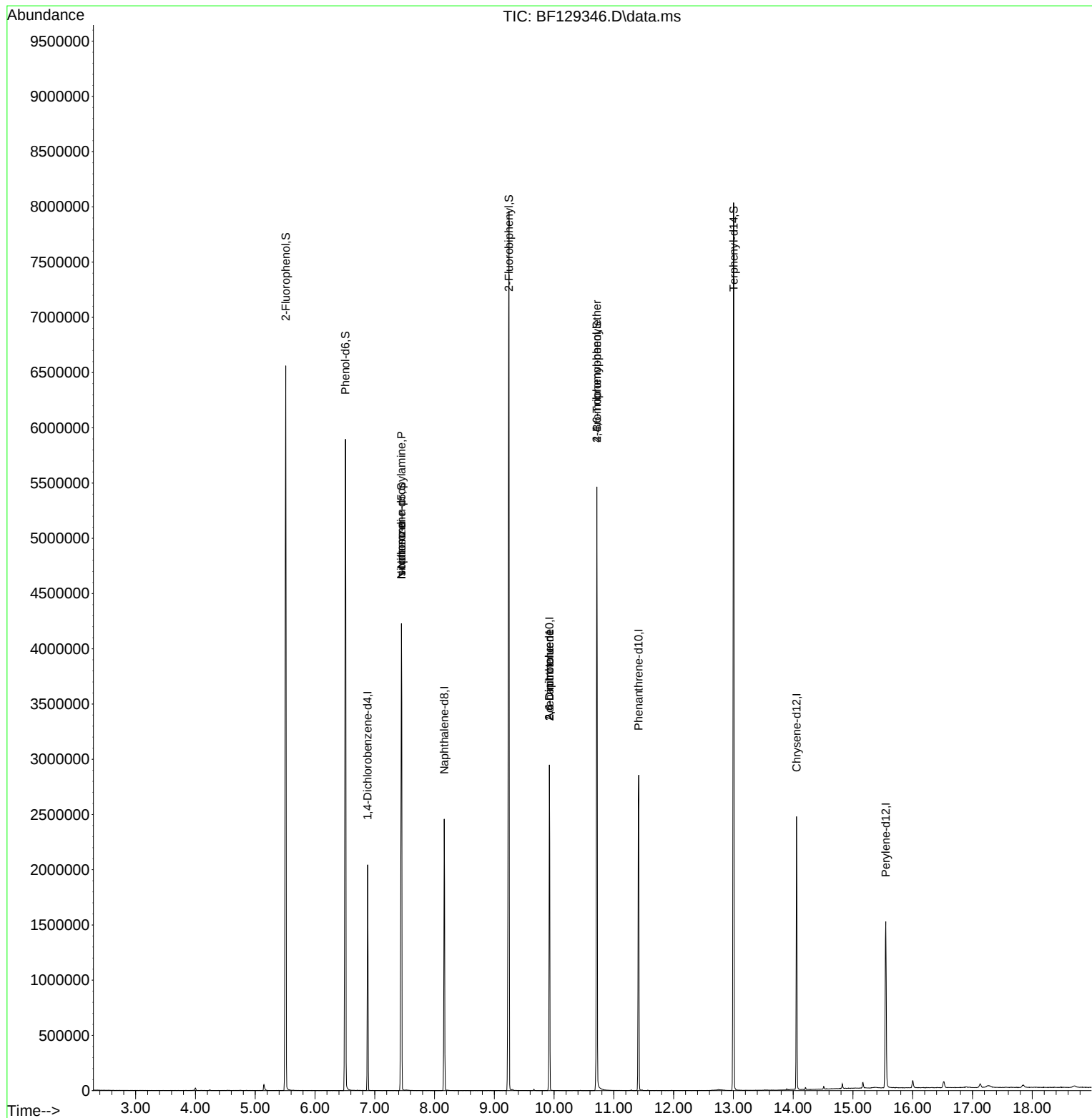
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	271467	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1116714	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	590302	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1039728	20.000	ng	0.00
76) Chrysene-d12	14.057	240	786325	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	642047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1950453	117.041	ng	0.01
7) Phenol-d6	6.510	99	2501725	119.434	ng	0.00
23) Nitrobenzene-d5	7.445	82	1587404	77.597	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	684752	120.655	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2687279	70.423	ng	0.00
79) Terphenyl-d14	13.004	244	3037447	72.876	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	209774	16.543	ng	# 73
25) Isophorone	7.445	82	1583151	43.174	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	78583	8.616	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	78583	6.595	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	42941	3.772	ng	# 1

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

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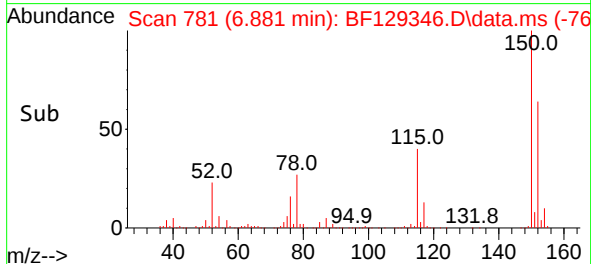
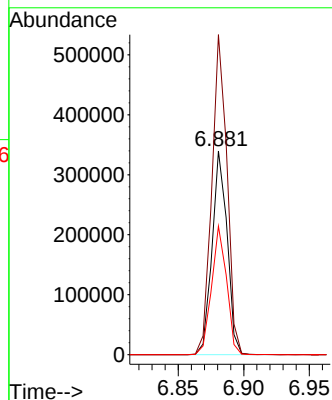
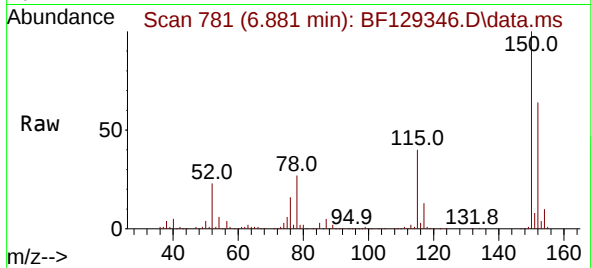




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129346.D
 Acq: 26 Jul 2022 09:59

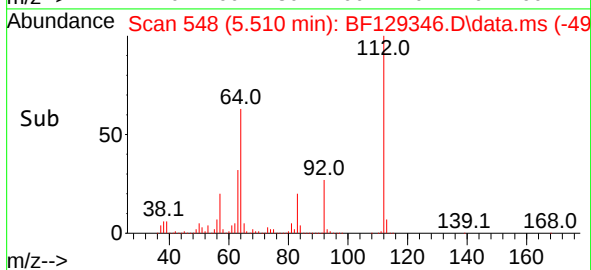
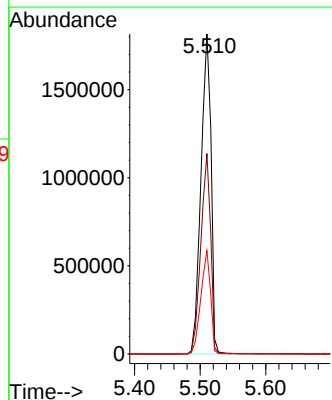
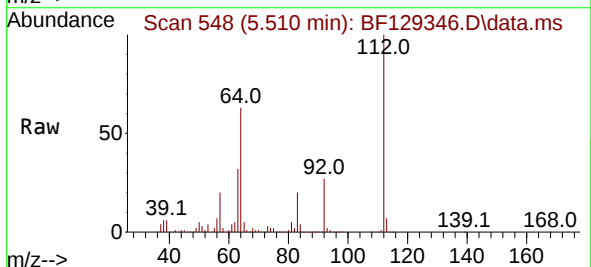
Instrument :
 BNA_F
 ClientSampleId :
 PB146415BL

Tgt Ion:152 Resp: 271467
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 63.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 117.041 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129346.D
 Acq: 26 Jul 2022 09:59

Tgt Ion:112 Resp: 1950453
 Ion Ratio Lower Upper
 112 100
 64 62.7 53.3 79.9
 63 32.3 28.0 42.0

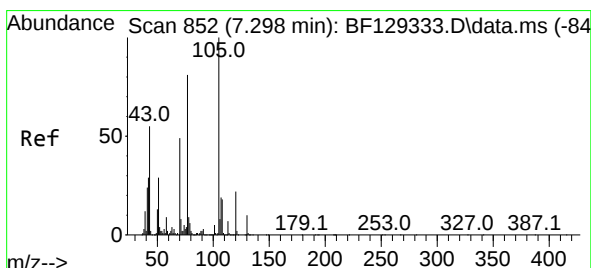
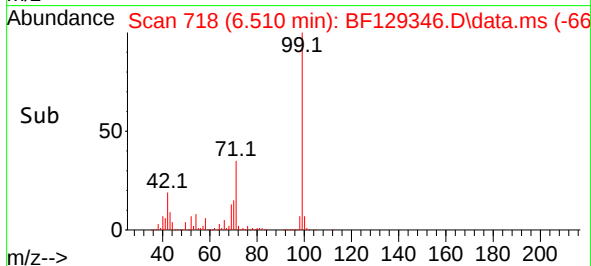
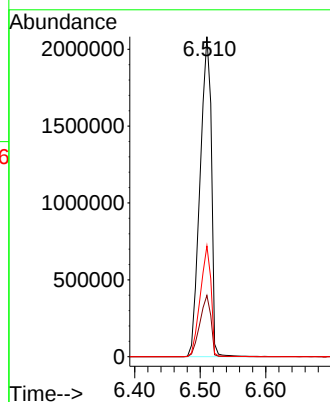
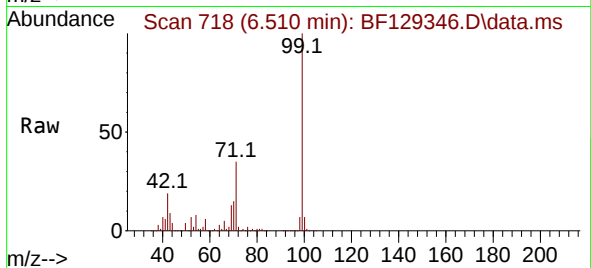




#7
Phenol-d6
Concen: 119.434 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

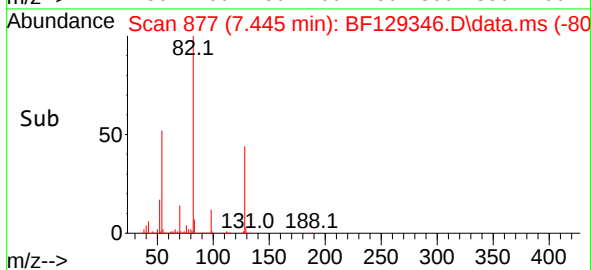
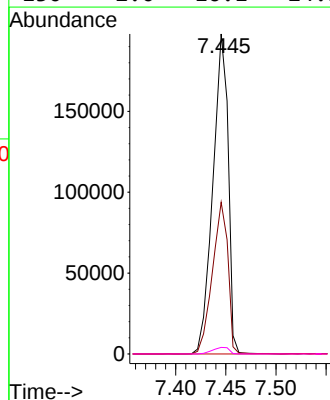
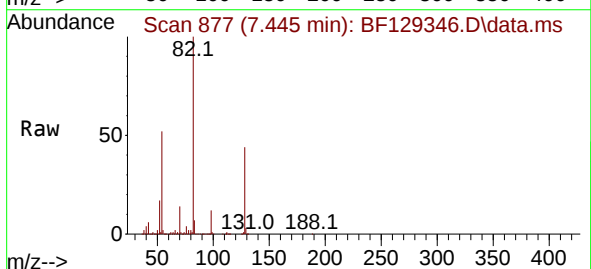
Instrument :
BNA_F
ClientSampleId :
PB146415BL

Tgt Ion: 99 Resp: 2501725
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.543 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

Tgt Ion: 70 Resp: 209774
Ion Ratio Lower Upper
70 100
42 47.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

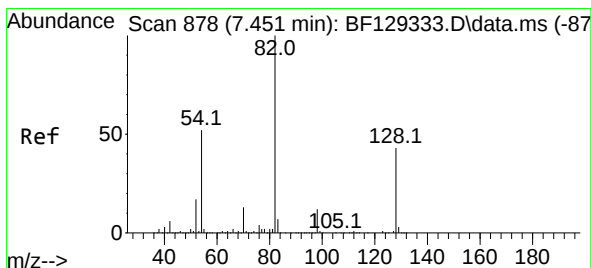
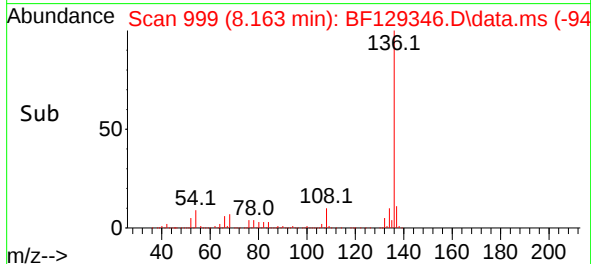
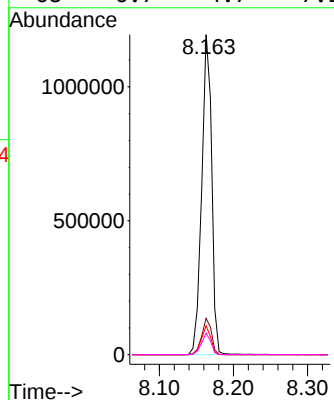
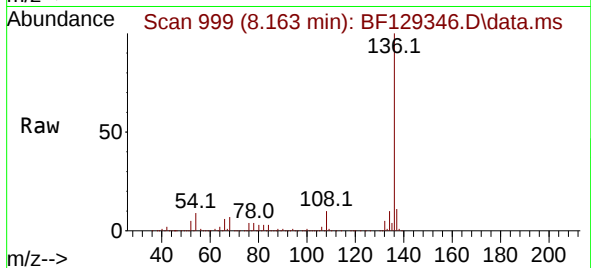




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

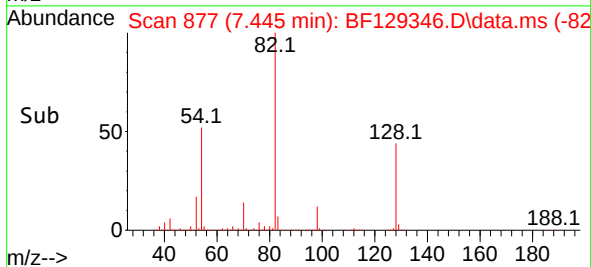
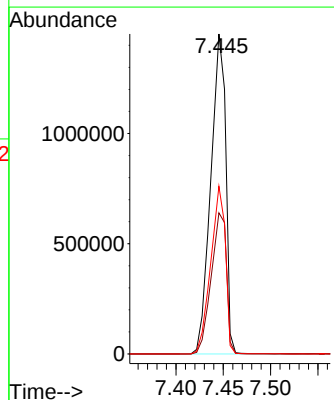
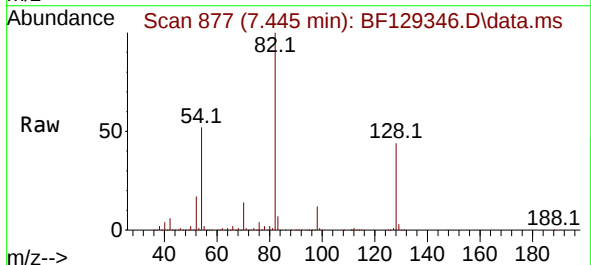
Instrument :
BNA_F
ClientSampleId :
PB146415BL

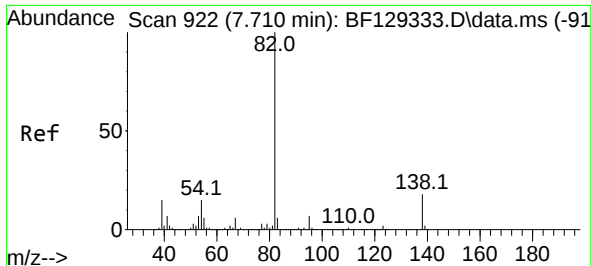
Tgt Ion:136 Resp: 1116714
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.0 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 77.597 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

Tgt Ion: 82 Resp: 1587404
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 52.4 46.9 70.3

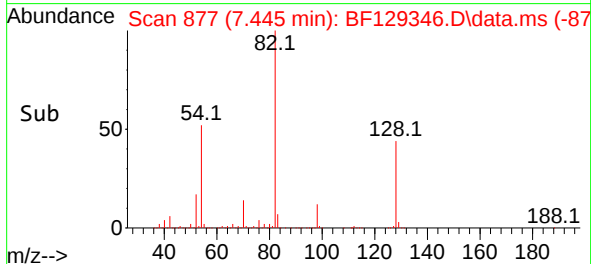
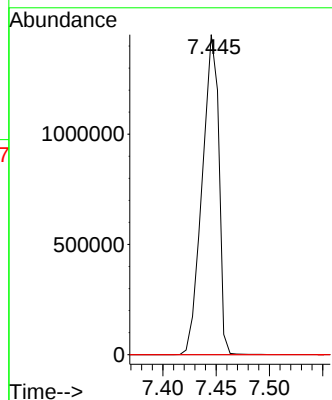
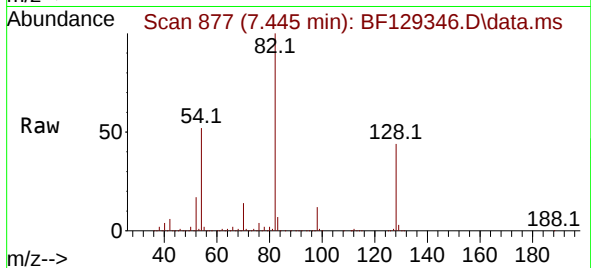




#25
Isophorone
Concen: 43.174 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

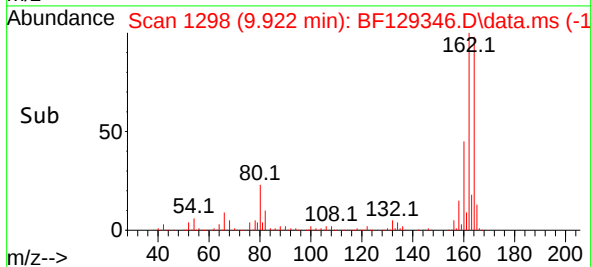
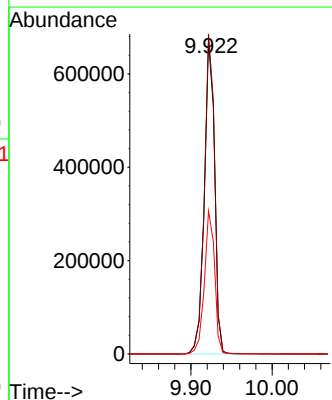
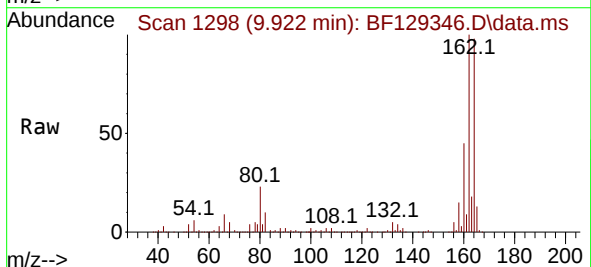
Instrument :
BNA_F
ClientSampleId :
PB146415BL

Tgt Ion: 82 Resp: 1583151
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

Tgt Ion:164 Resp: 590302
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.7 34.2 51.4

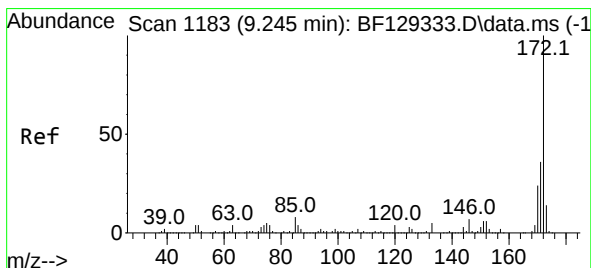
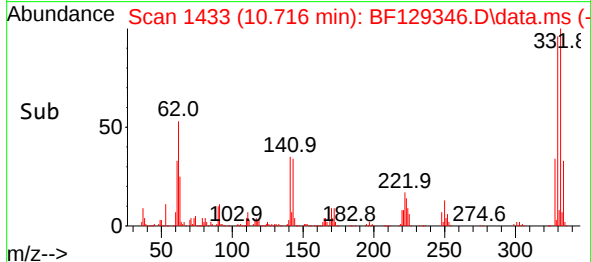
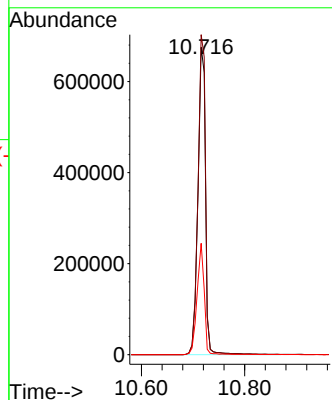
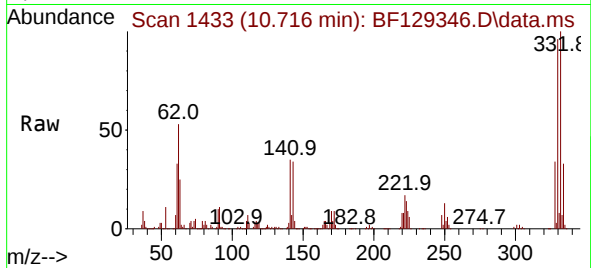




#42
2,4,6-Tribromophenol
Concen: 120.655 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

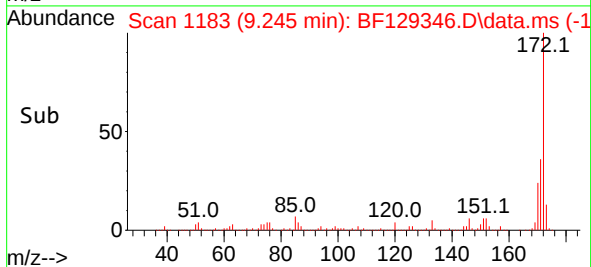
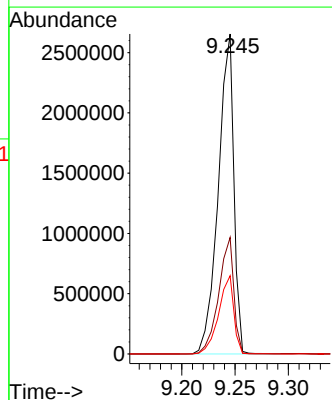
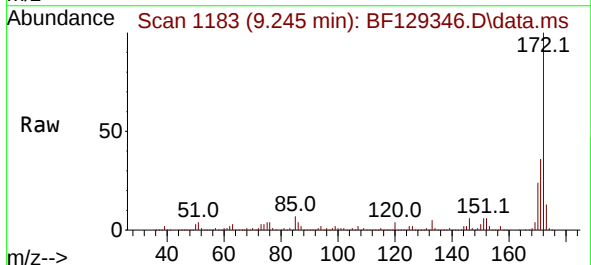
Instrument :
BNA_F
ClientSampleId :
PB146415BL

Tgt Ion:330 Resp: 684752
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 34.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 70.423 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

Tgt Ion:172 Resp: 2687279
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.4 19.8 29.8

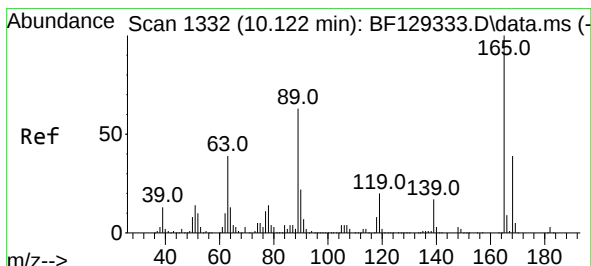
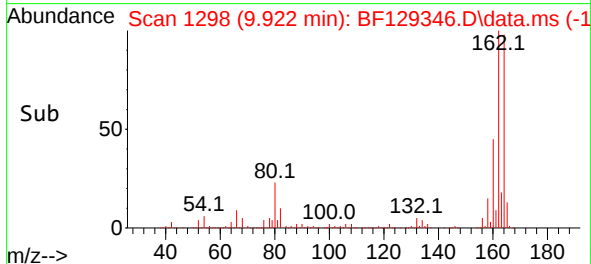
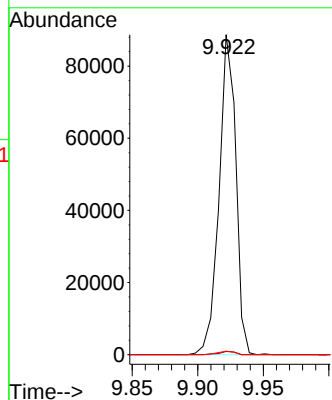
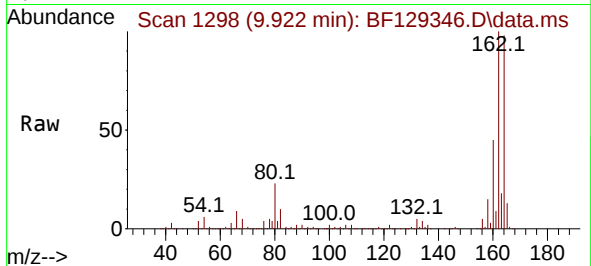




#51
2,6-Dinitrotoluene
Concen: 8.616 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

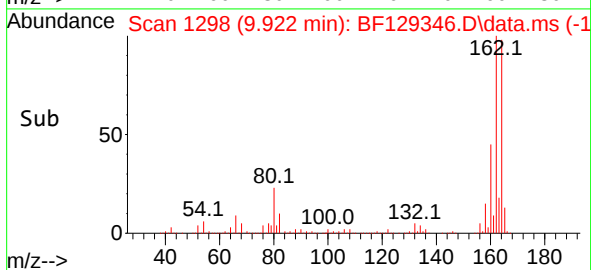
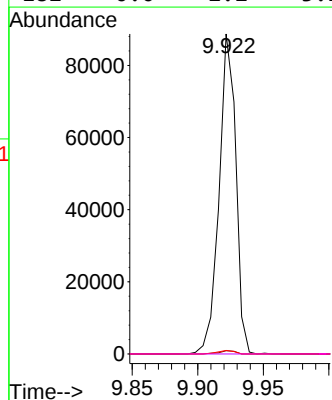
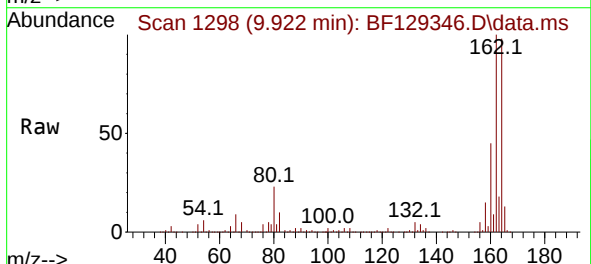
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ClientSampleId :
PB146415BL

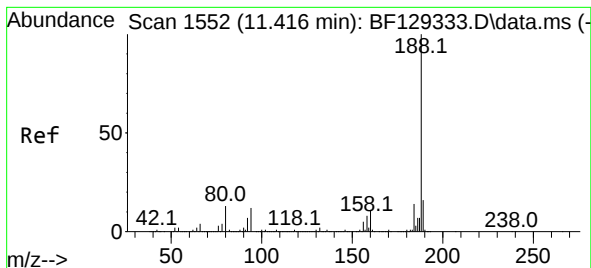
Tgt Ion:165 Resp: 78583
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.595 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

Tgt Ion:165 Resp: 78583
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129346.D

Acq: 26 Jul 2022 09:59

Instrument :

BNA_F

ClientSampleId :

PB146415BL

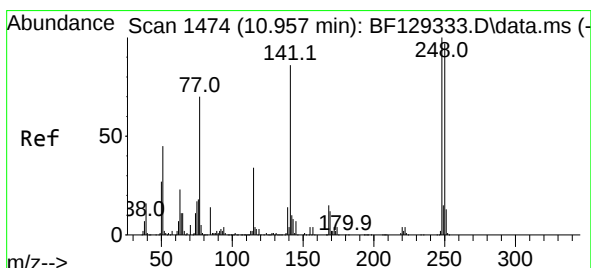
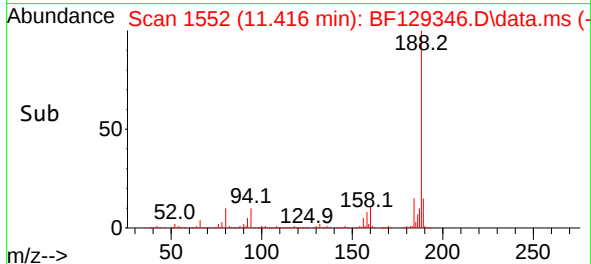
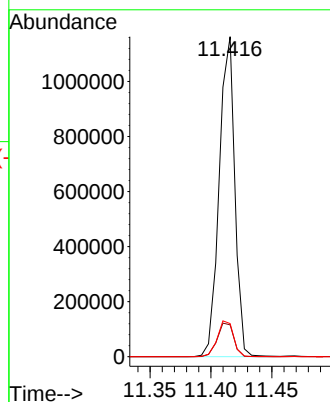
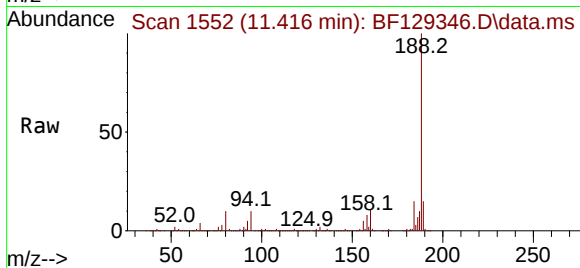
Tgt Ion:188 Resp: 1039728

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.772 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129346.D

Acq: 26 Jul 2022 09:59

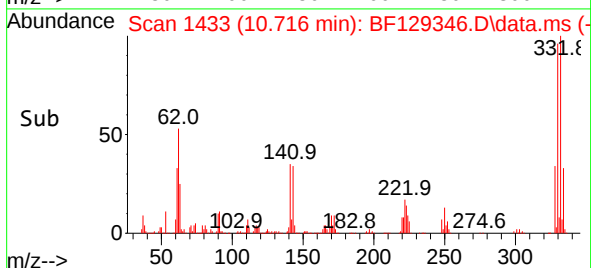
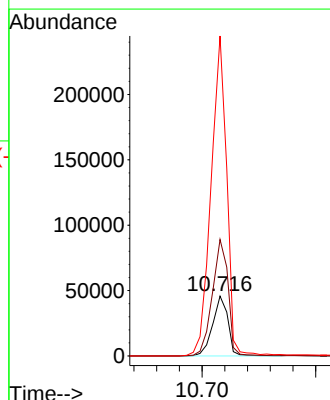
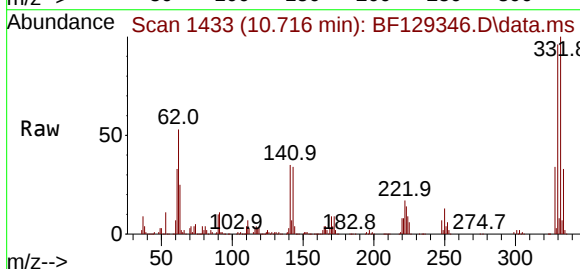
Tgt Ion:248 Resp: 42941

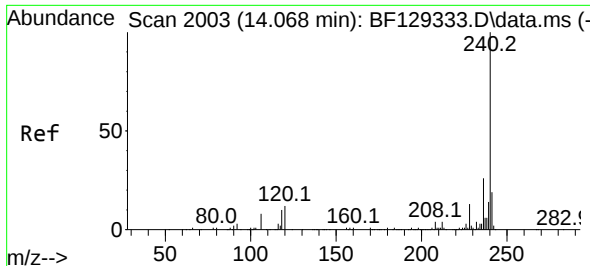
Ion Ratio Lower Upper

248 100

250 194.8 80.6 120.8#

141 535.0 58.9 88.3#

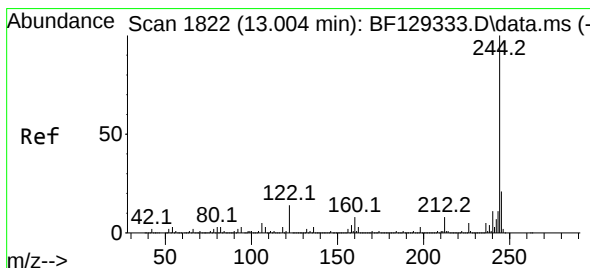
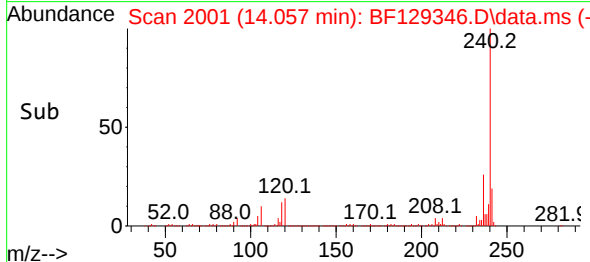
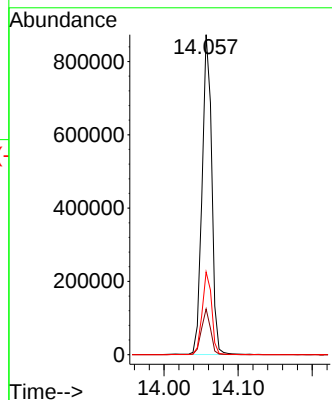
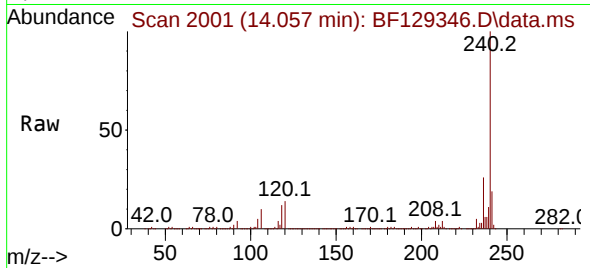




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

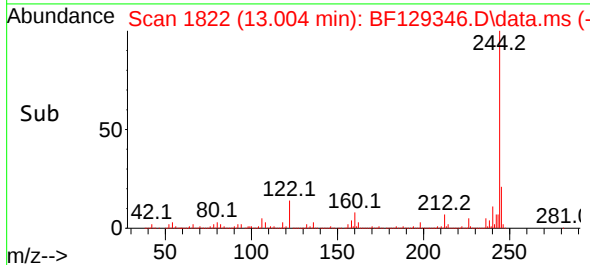
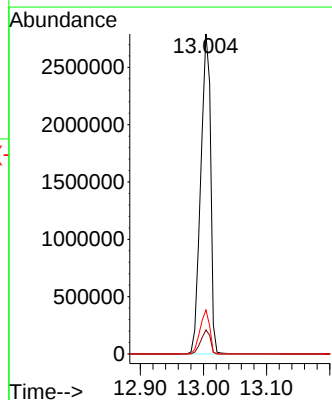
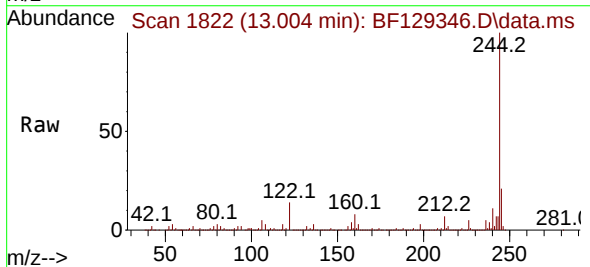
Instrument :
BNA_F
ClientSampleId :
PB146415BL

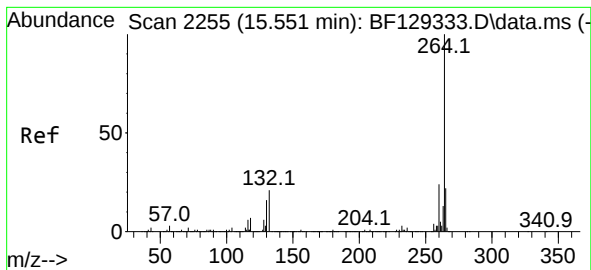
Tgt Ion:240 Resp: 786325
Ion Ratio Lower Upper
240 100
120 14.3 8.9 13.3#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 72.876 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129346.D
Acq: 26 Jul 2022 09:59

Tgt Ion:244 Resp: 3037447
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.8 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129346.D

Acq: 26 Jul 2022 09:59

Instrument :

BNA_F

ClientSampleId :

PB146415BL

Tgt Ion:264 Resp: 642047

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.7 17.2 25.8

