

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129403.D
 Acq On : 28 Jul 2022 11:58
 Operator : CG\JU
 Sample : N3861-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-072222

Quant Time: Jul 29 02:07:07 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)

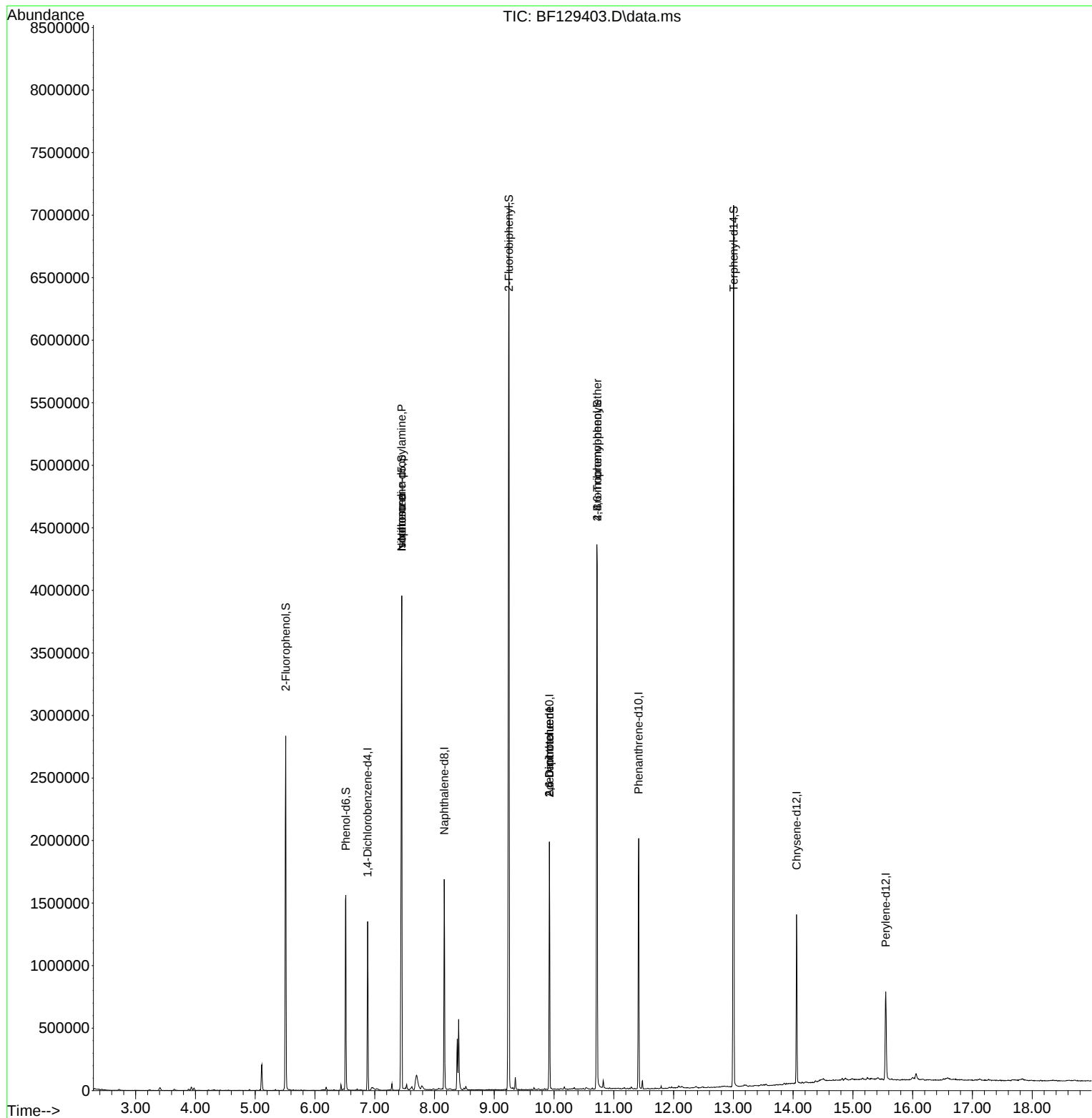
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	176355	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	707085	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	382256	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	663836	20.000	ng	0.00
76) Chrysene-d12	14.057	240	446361	20.000	ng	-0.01
86) Perylene-d12	15.551	264	329002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	716493	66.183	ng	0.01
7) Phenol-d6	6.516	99	521656	38.336	ng	0.00
23) Nitrobenzene-d5	7.451	82	1372329	105.947	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	578167	157.320	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2351671	95.170	ng	0.00
79) Terphenyl-d14	13.004	244	2557527	108.096	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	185165	22.477	ng	# 74
25) Isophorone	7.451	82	1371393	59.065	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	49683	8.412	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	49683	6.439	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	35876	4.935	ng	# 1

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

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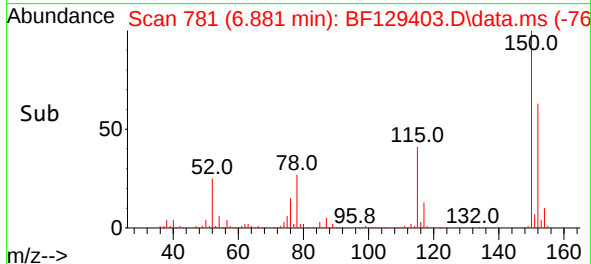
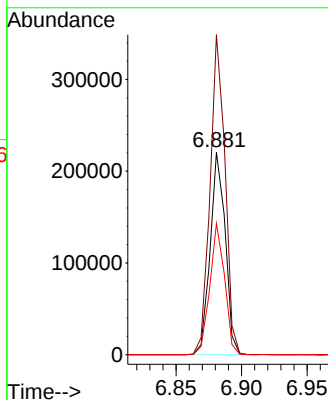
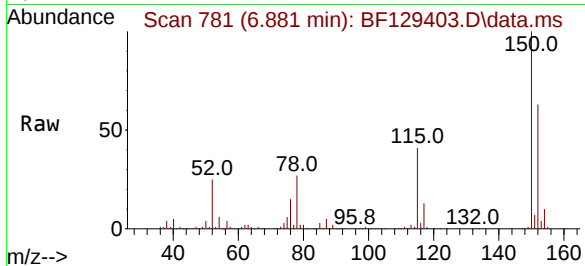




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129403.D
 Acq: 28 Jul 2022 11:58

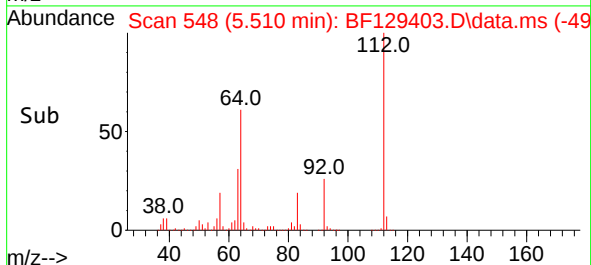
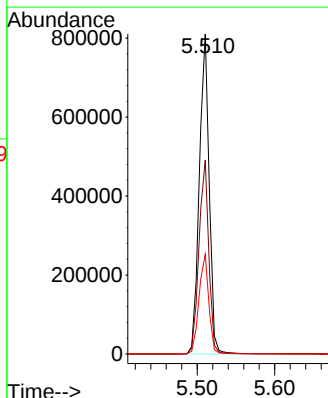
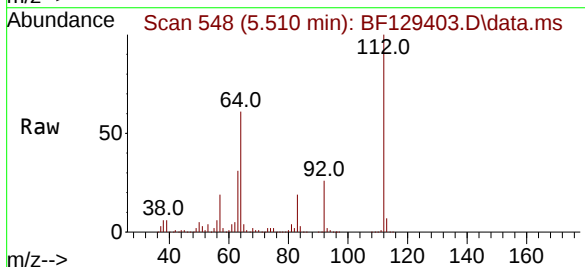
Instrument :
 BNA_F
 ClientSampleId :
 FB-072222

Tgt Ion:152 Resp: 176355
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 64.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 66.183 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129403.D
 Acq: 28 Jul 2022 11:58

Tgt Ion:112 Resp: 716493
 Ion Ratio Lower Upper
 112 100
 64 60.6 53.3 79.9
 63 31.1 28.0 42.0

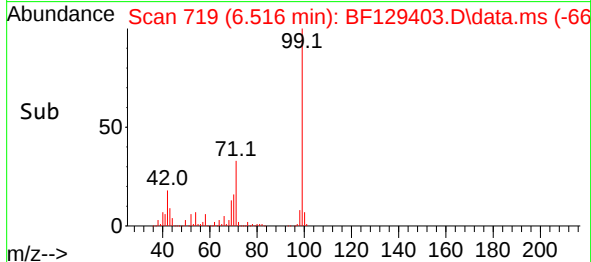
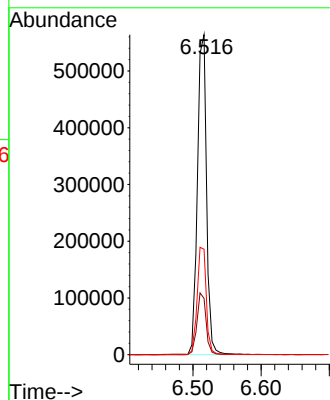
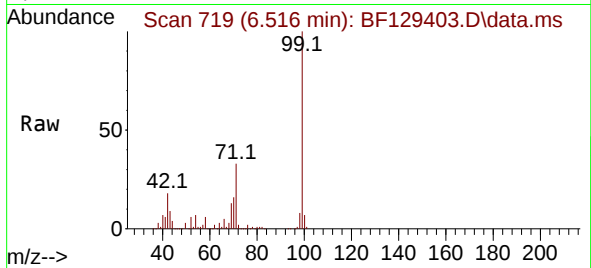




#7
Phenol-d6
Concen: 38.336 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

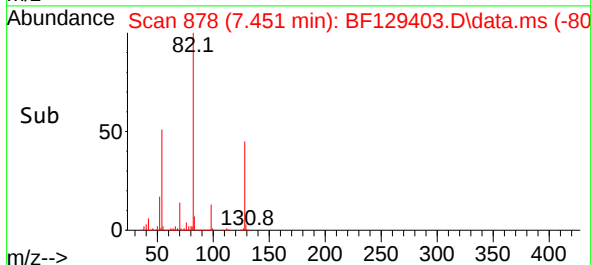
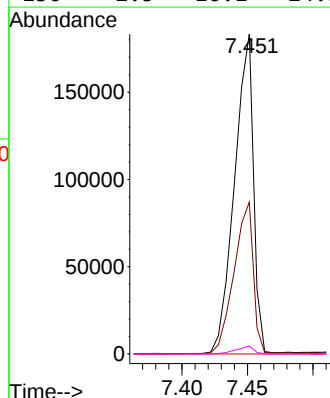
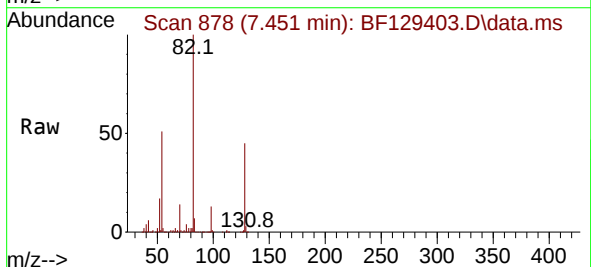
Instrument :
BNA_F
ClientSampleId :
FB-072222

Tgt Ion: 99 Resp: 521656
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 33.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.477 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

Tgt Ion: 70 Resp: 185165
Ion Ratio Lower Upper
70 100
42 47.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#



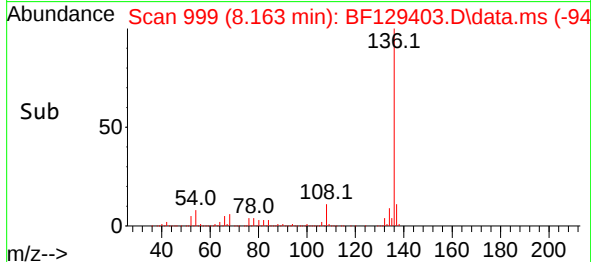
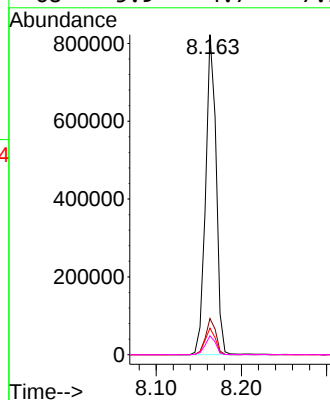
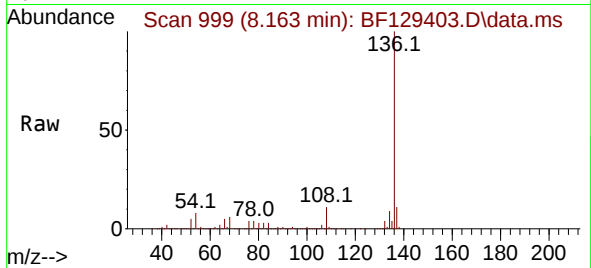


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

Instrument :
BNA_F
ClientSampleId :
FB-072222

Tgt Ion:136 Resp: 707085

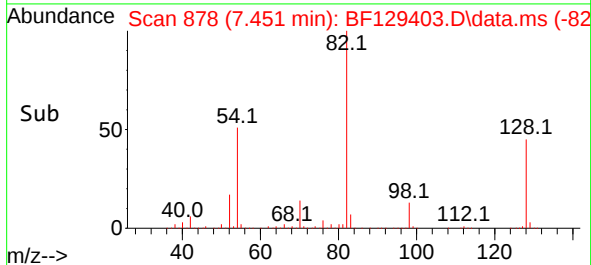
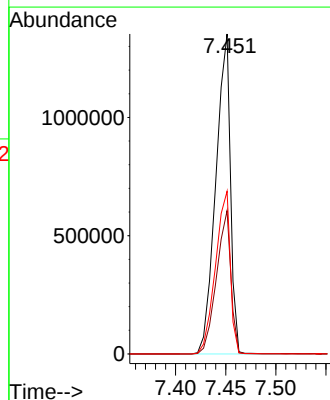
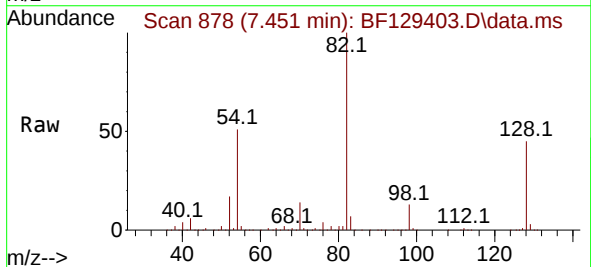
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 105.947 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

Tgt Ion: 82 Resp: 1372329

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	50.9	46.9	70.3

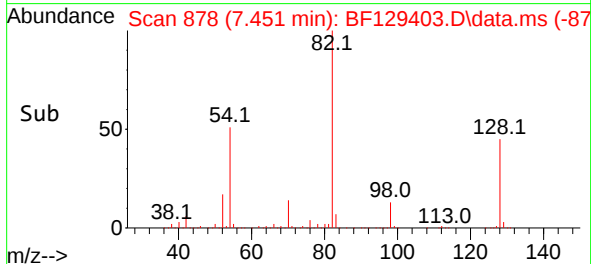
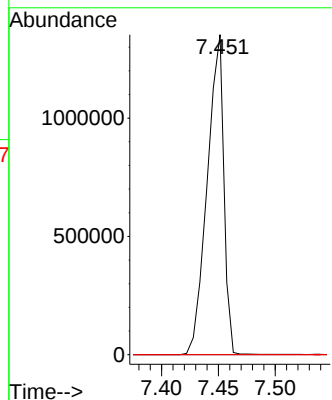
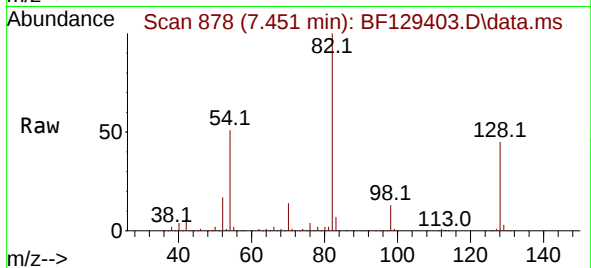




#25
Isophorone
Concen: 59.065 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

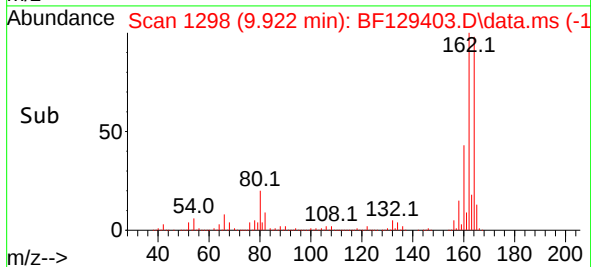
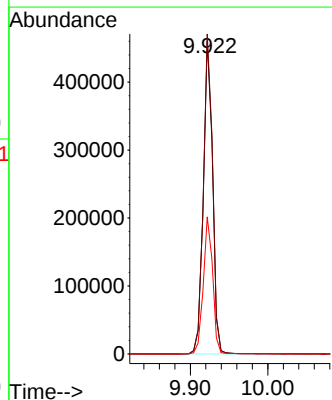
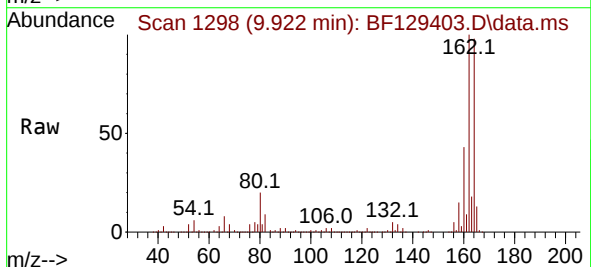
Instrument :
BNA_F
ClientSampleId :
FB-072222

Tgt Ion: 82 Resp: 1371393
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: BF129403.D
Acq: 28 Jul 2022 11:58

Tgt Ion:164 Resp: 382256
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.8 34.2 51.4

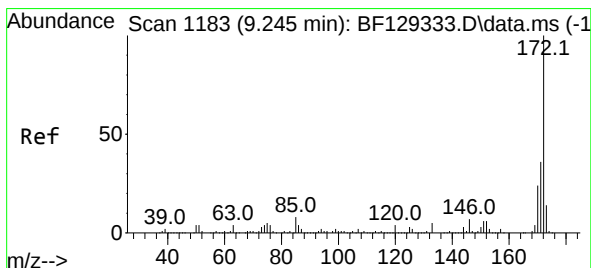
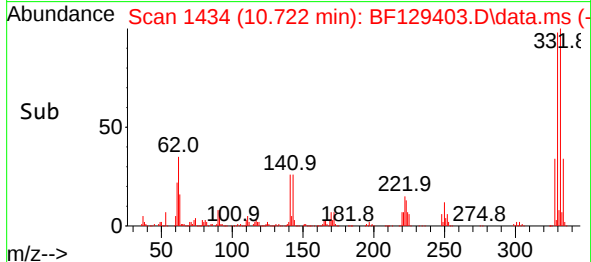
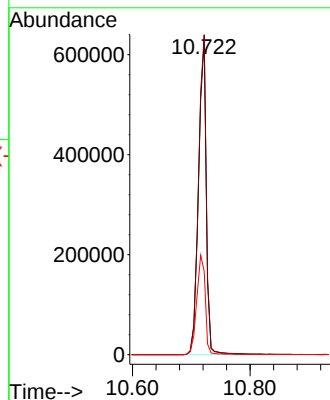
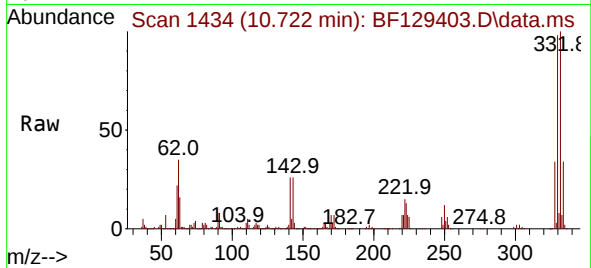




#42
2,4,6-Tribromophenol
Concen: 157.320 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

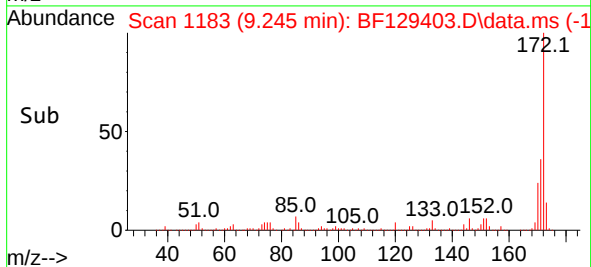
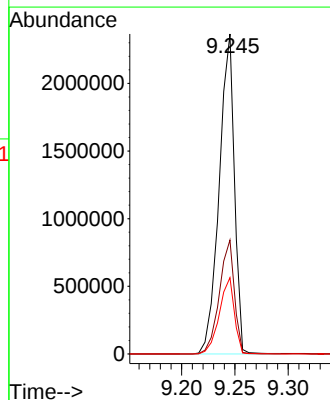
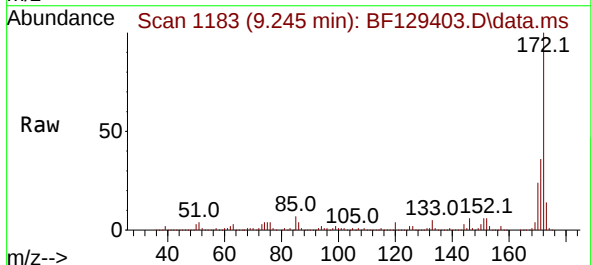
Instrument :
BNA_F
ClientSampleId :
FB-072222

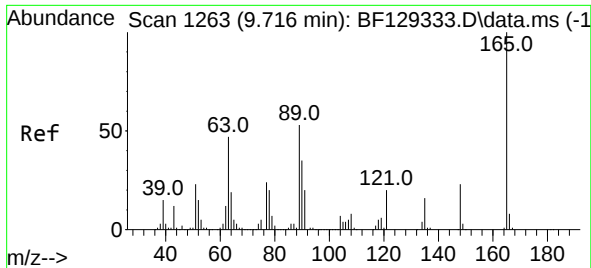
Tgt Ion:330 Resp: 578167
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 34.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 95.170 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

Tgt Ion:172 Resp: 2351671
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.9 19.8 29.8

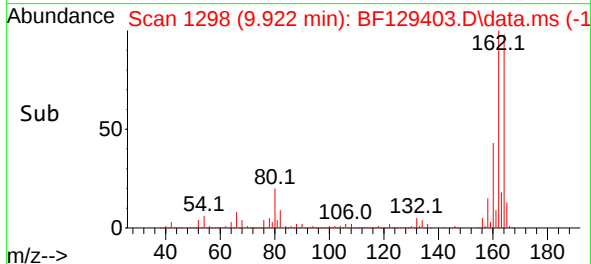
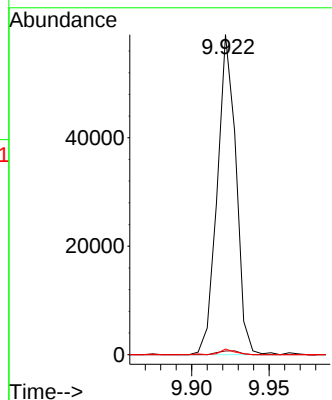
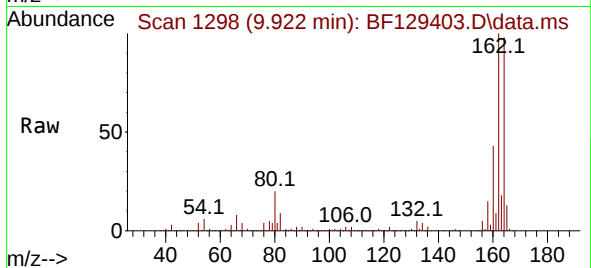




#51
2,6-Dinitrotoluene
Concen: 8.412 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

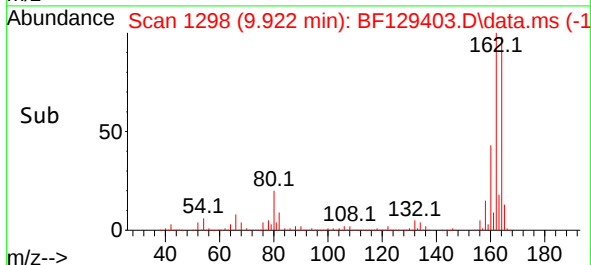
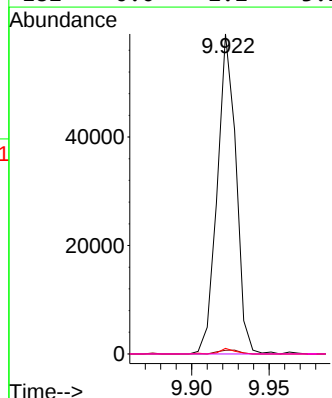
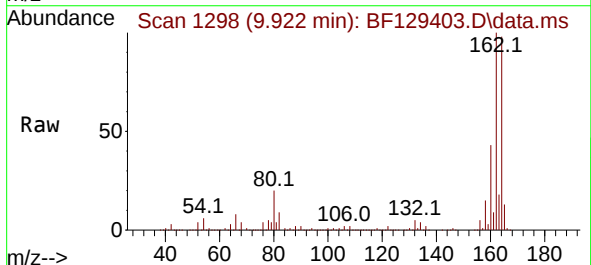
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ClientSampleId :
FB-072222

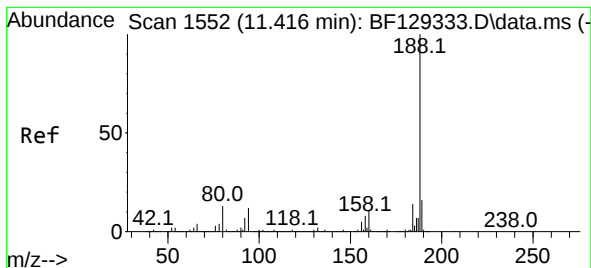
Tgt Ion:165 Resp: 49683
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

Tgt Ion:165 Resp: 49683
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.8 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: BF129403.D

Acq: 28 Jul 2022 11:58

Instrument :

BNA_F

ClientSampleId :

FB-072222

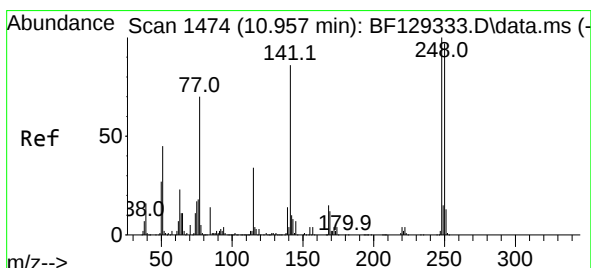
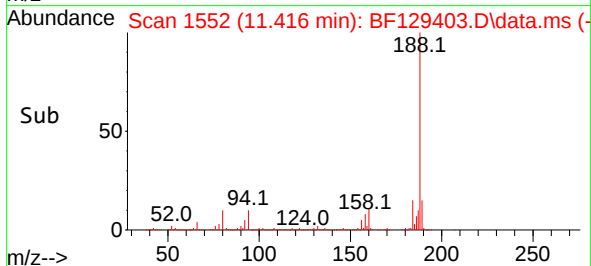
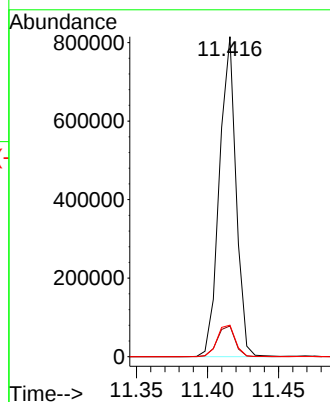
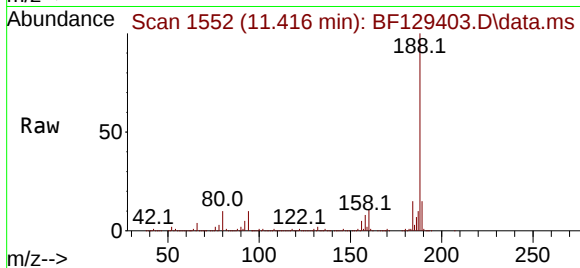
Tgt Ion:188 Resp: 663836

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 9.9 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.935 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129403.D

Acq: 28 Jul 2022 11:58

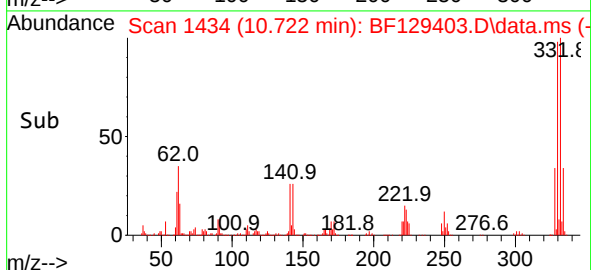
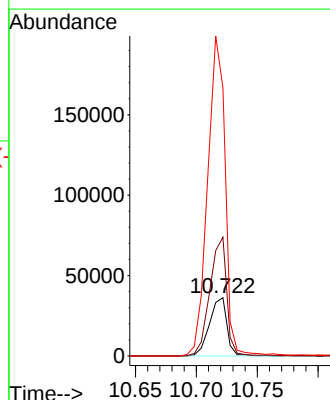
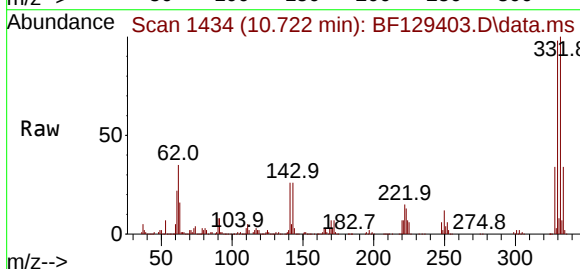
Tgt Ion:248 Resp: 35876

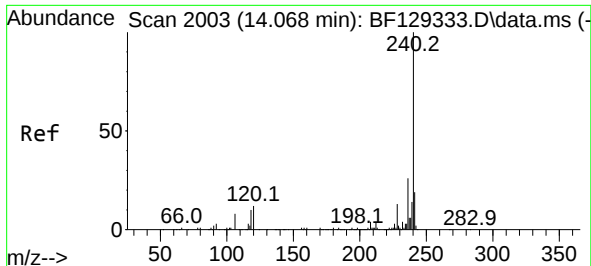
Ion Ratio Lower Upper

248 100

250 203.7 80.6 120.8#

141 460.3 58.9 88.3#

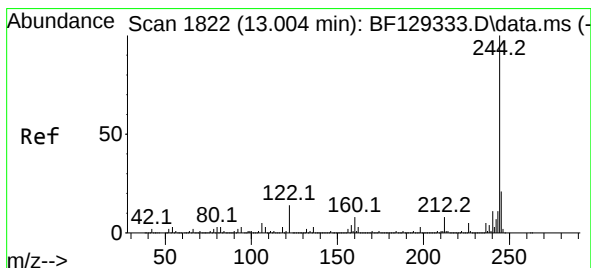
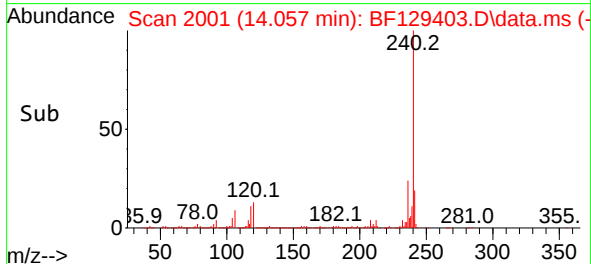
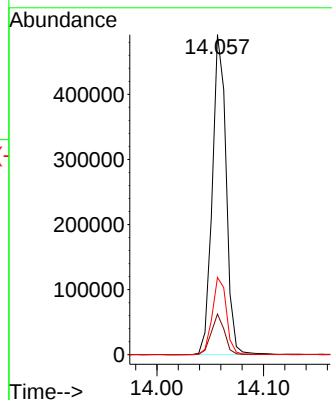
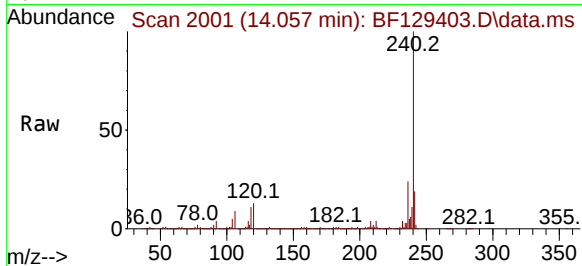




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

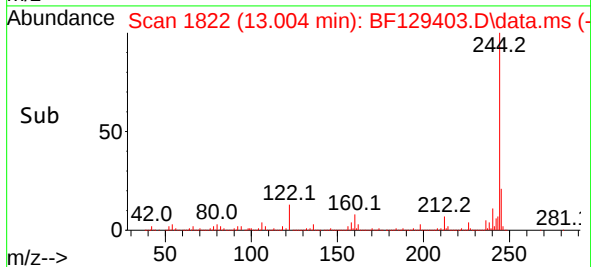
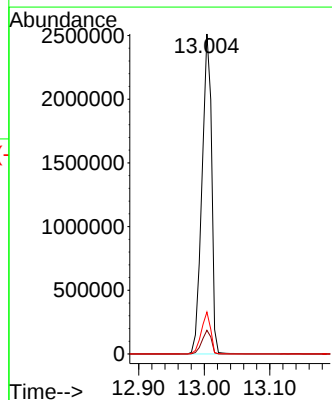
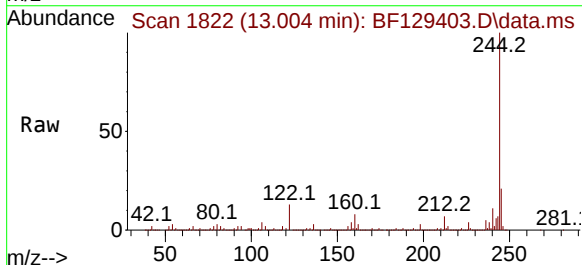
Instrument :
BNA_F
ClientSampleId :
FB-072222

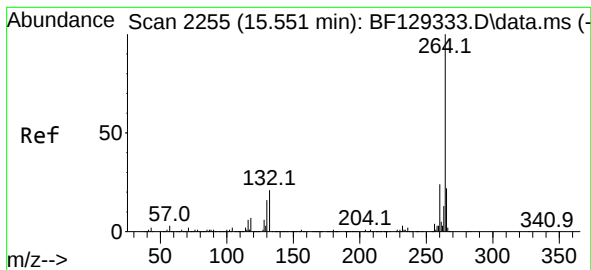
Tgt Ion:240 Resp: 446361
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 24.2 20.8 31.2



#79
Terphenyl-d14
Concen: 108.096 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129403.D
Acq: 28 Jul 2022 11:58

Tgt Ion:244 Resp: 2557527
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.1 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: BF129403.D
 Acq: 28 Jul 2022 11:58

Instrument :
 BNA_F
 ClientSampleId :
 FB-072222

Tgt Ion:264 Resp: 329002
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.5 17.2 25.8

