

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129606.D
 Acq On : 05 Aug 2022 18:18
 Operator : CG\JU
 Sample : PB146612BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146612BL

Quant Time: Aug 08 01:59:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

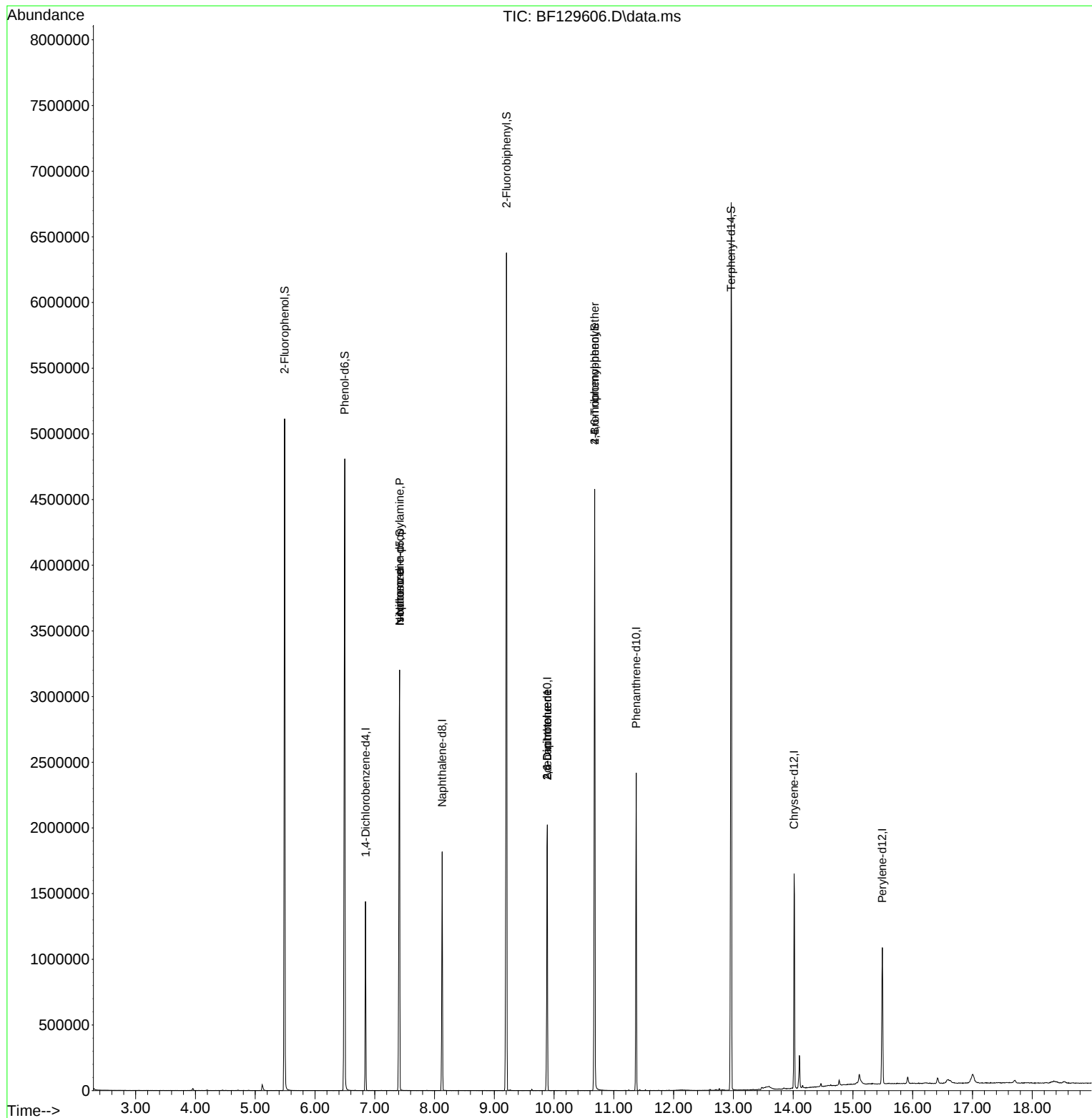
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	189065	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	784518	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	441184	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	787217	20.000	ng	0.00
76) Chrysene-d12	14.015	240	551393	20.000	ng	-0.01
86) Perylene-d12	15.492	264	438545	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1462346	125.997	ng	0.01
7) Phenol-d6	6.498	99	1820537	124.794	ng	0.00
23) Nitrobenzene-d5	7.416	82	1195846	83.210	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	578622	136.414	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2229116	78.161	ng	0.00
79) Terphenyl-d14	12.963	244	2593023	88.720	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	159698	18.083	ng	# 74
25) Isophorone	7.416	82	1190735	46.223	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	57444	8.427	ng	# 25
57) 2,4-Dinitrotoluene	9.886	165	57444	6.451	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	35686	4.140	ng	# 1

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

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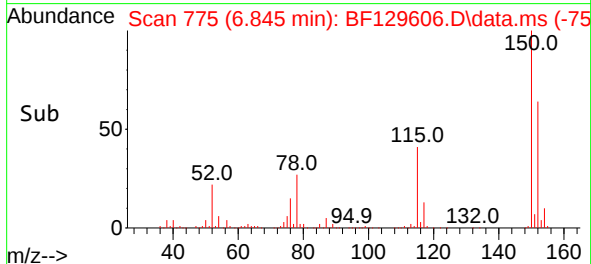
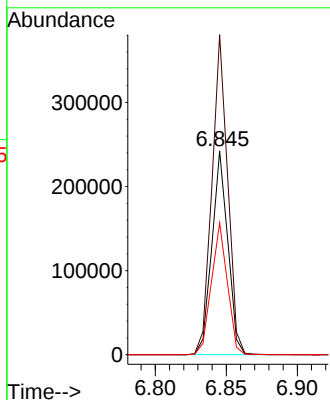
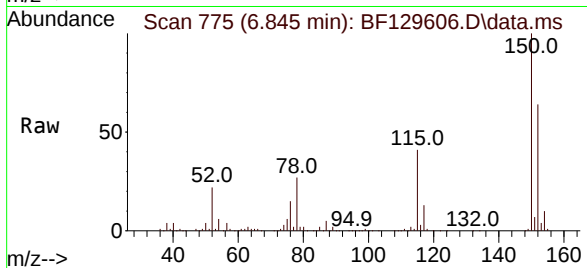




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129606.D
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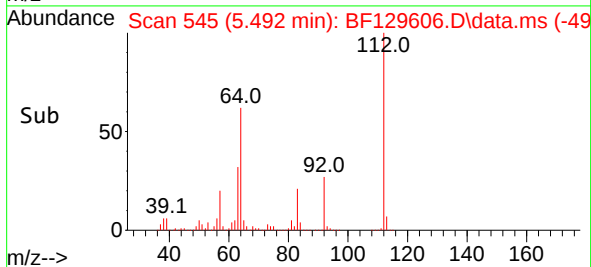
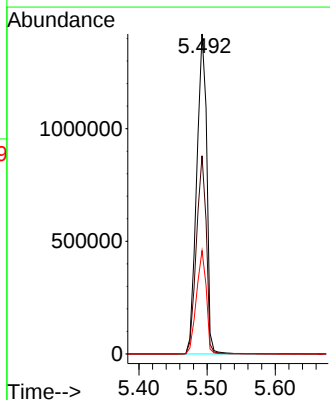
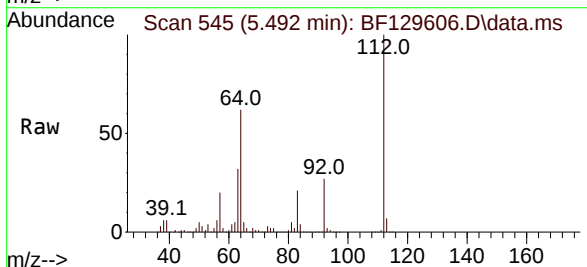
Instrument :
 BNA_F
 ClientSampleId :
 PB146612BL

Tgt Ion:152 Resp: 189065
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.997 ng
 RT: 5.492 min Scan# 545
 Delta R.T. 0.012 min
 Lab File: BF129606.D
 Acq: 05 Aug 2022 18:18

Tgt Ion:112 Resp: 1462346
 Ion Ratio Lower Upper
 112 100
 64 61.9 53.3 79.9
 63 32.3 28.0 42.0

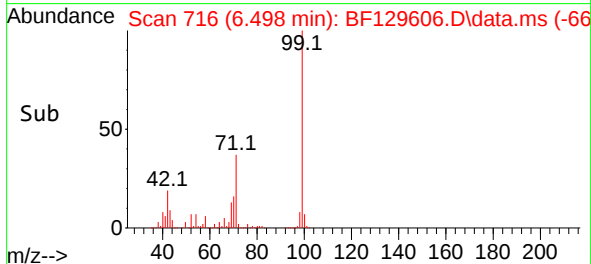
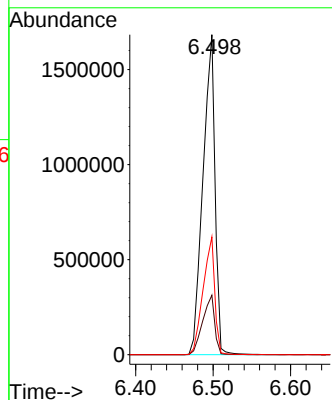
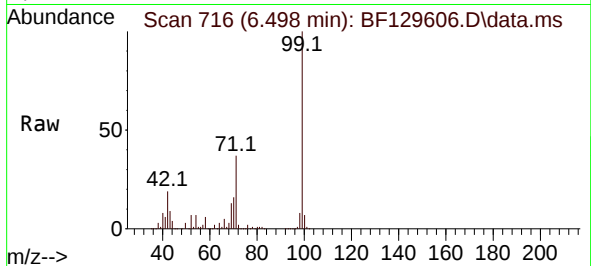




#7
Phenol-d6
Concen: 124.794 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

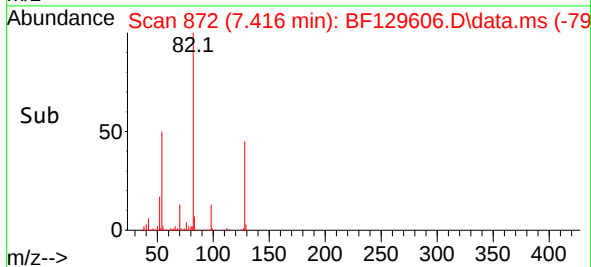
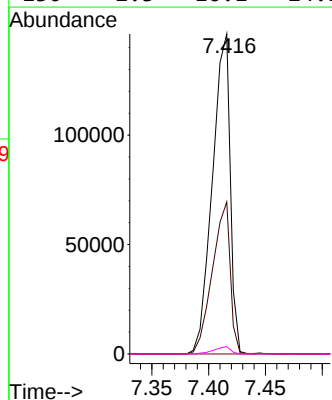
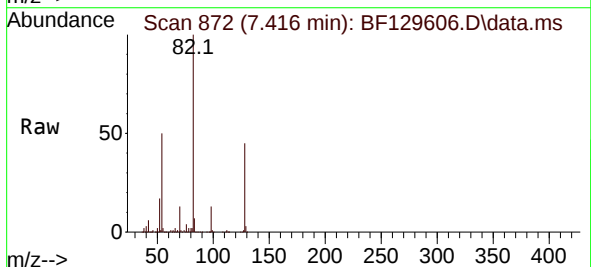
Instrument :
BNA_F
ClientSampleId :
PB146612BL

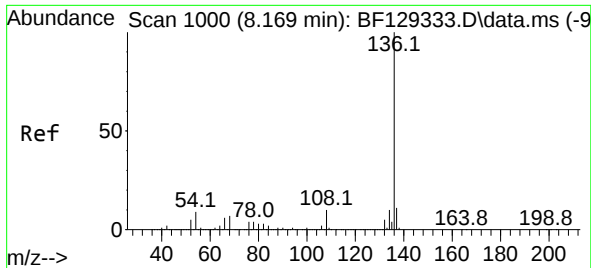
Tgt Ion: 99 Resp: 1820537
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.083 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.147 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Tgt Ion: 70 Resp: 159698
Ion Ratio Lower Upper
70 100
42 47.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



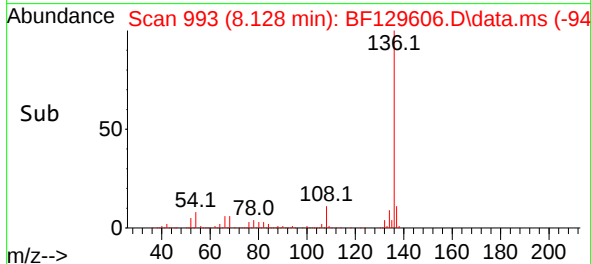
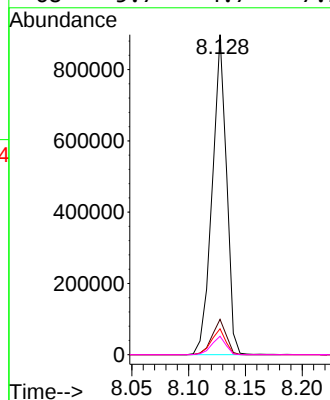
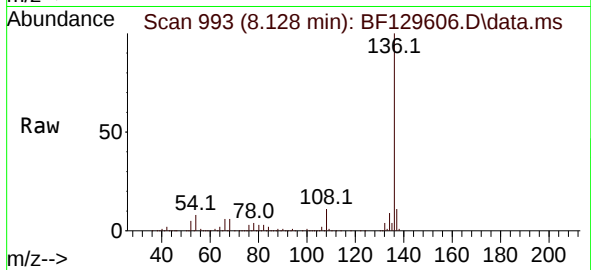


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Instrument :
BNA_F
ClientSampleId :
PB146612BL

Tgt Ion:136 Resp: 784518

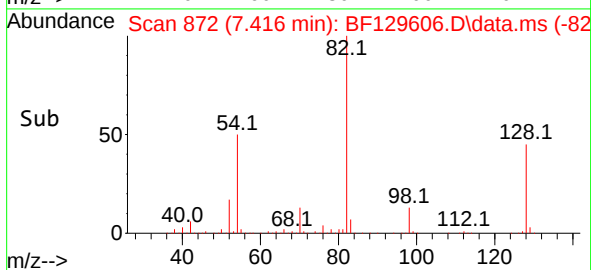
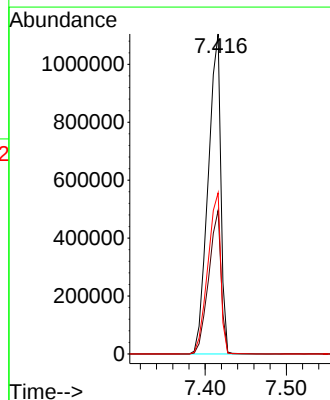
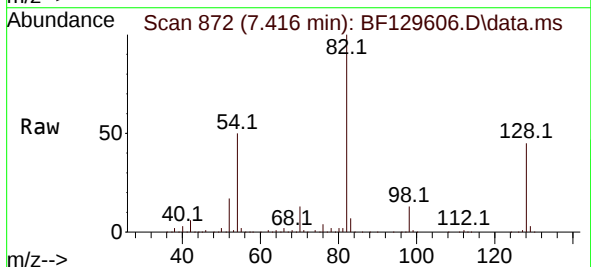
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 83.210 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Tgt Ion: 82 Resp: 1195846

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	50.4	46.9	70.3

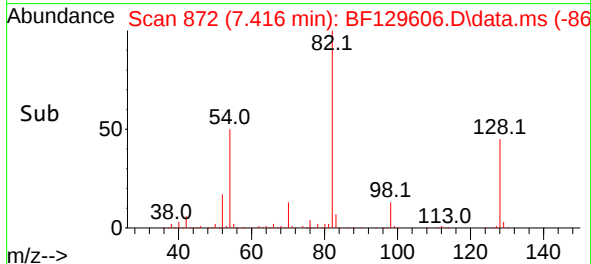
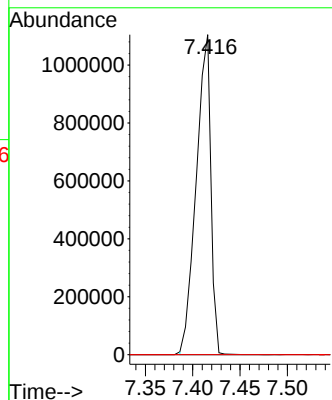
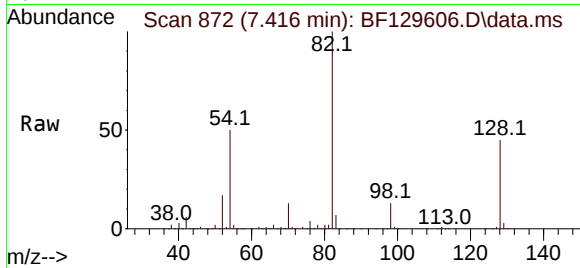




#25
Isophorone
Concen: 46.223 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

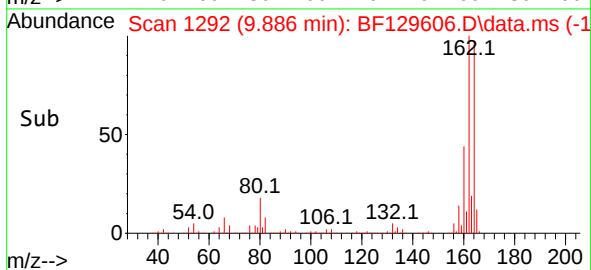
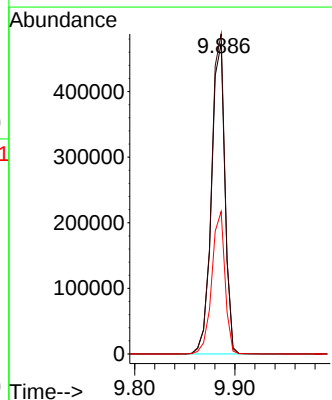
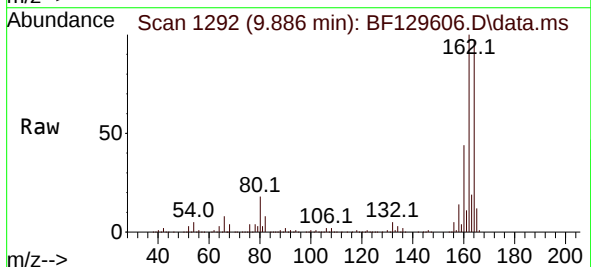
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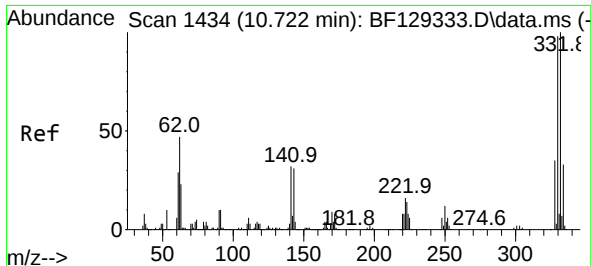
Tgt Ion: 82 Resp: 1190735
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Tgt Ion:164 Resp: 441184
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 45.9 34.2 51.4

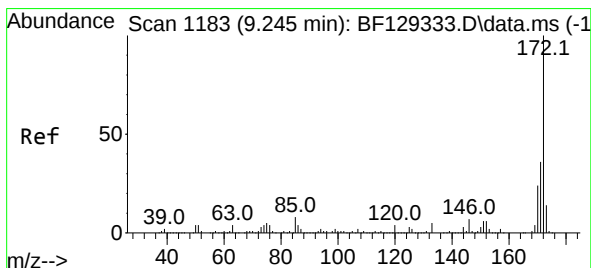
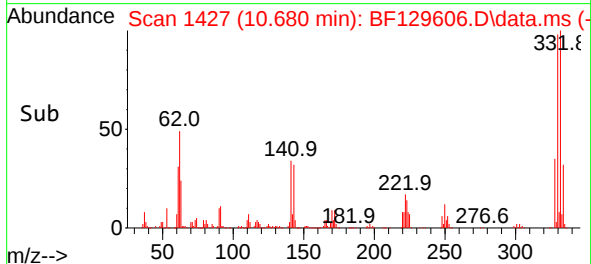
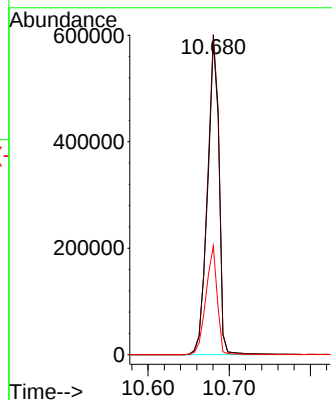
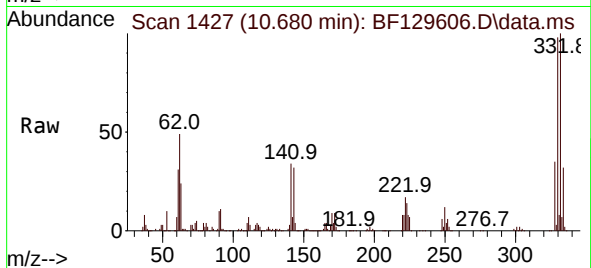




#42
2,4,6-Tribromophenol
Concen: 136.414 ng
RT: 10.680 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

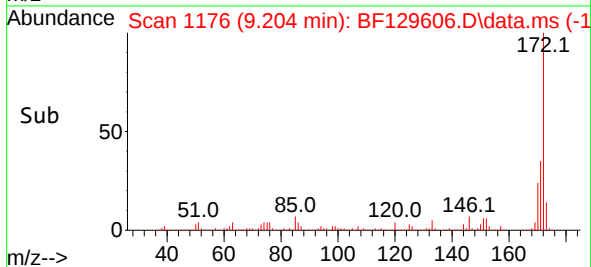
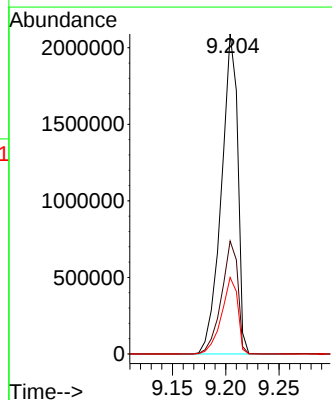
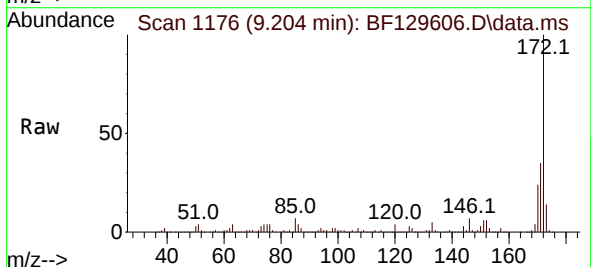
Instrument :
BNA_F
ClientSampleId :
PB146612BL

Tgt Ion:330 Resp: 578622
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 34.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.161 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Tgt Ion:172 Resp: 2229116
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.427 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF129606.D

Acq: 05 Aug 2022 18:18

Instrument :

BNA_F

ClientSampleId :

PB146612BL

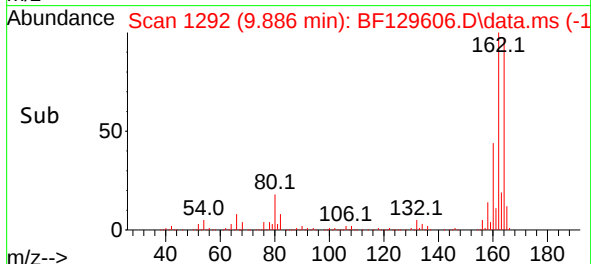
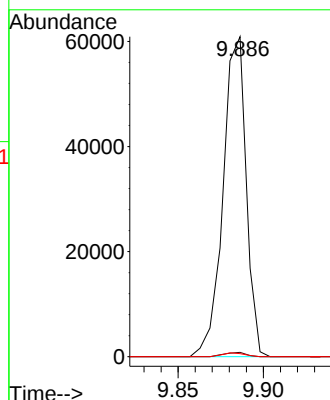
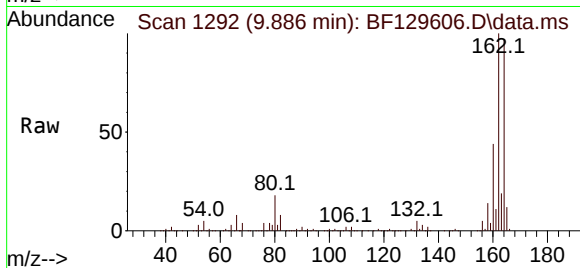
Tgt Ion:165 Resp: 57444

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.451 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.200 min

Lab File: BF129606.D

Acq: 05 Aug 2022 18:18

Tgt Ion:165 Resp: 57444

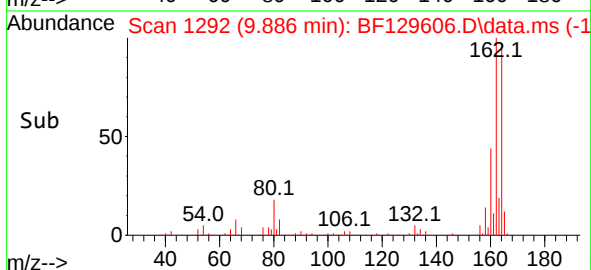
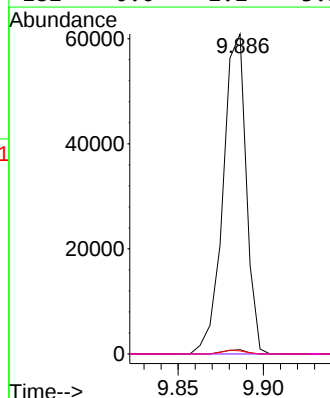
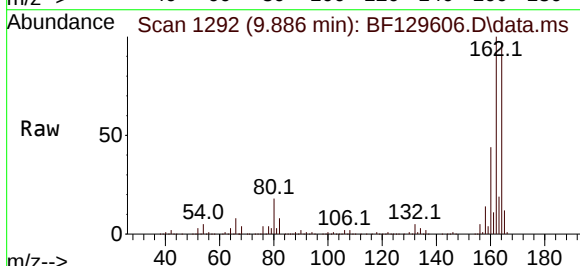
Ion Ratio Lower Upper

165 100

63 1.4 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#

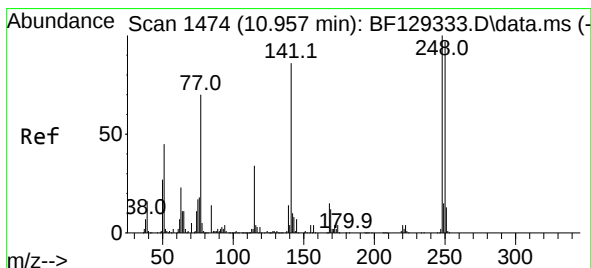
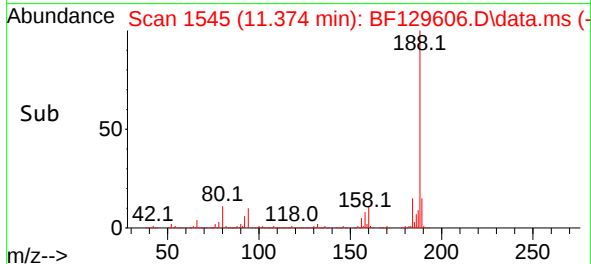
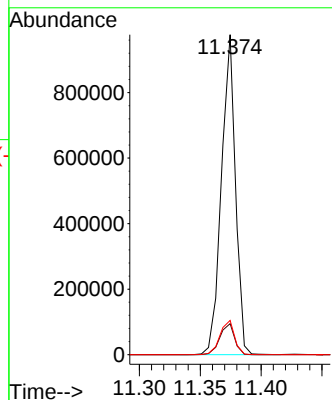
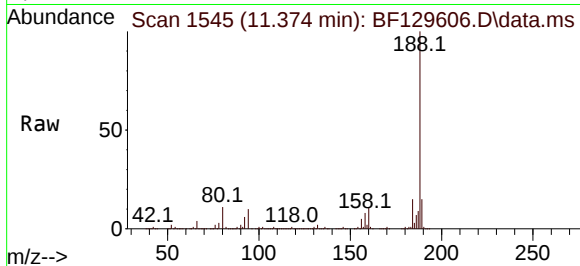




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

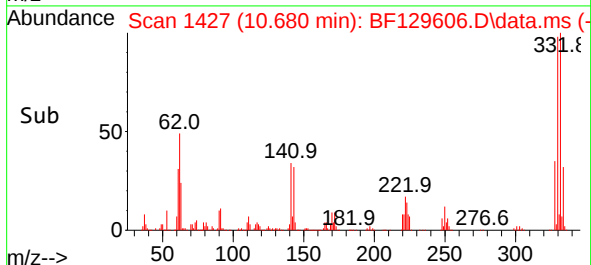
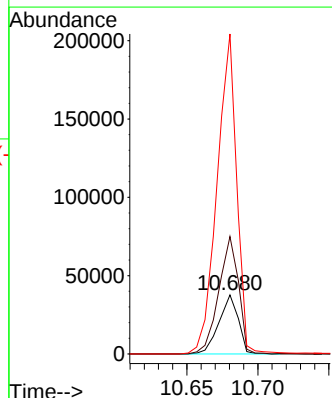
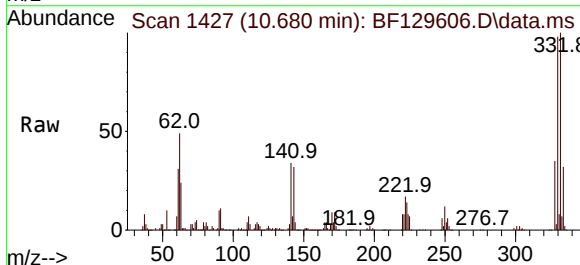
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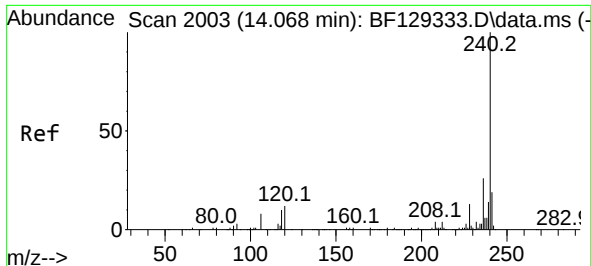
Tgt Ion:188 Resp: 787217
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.140 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Tgt Ion:248 Resp: 35686
Ion Ratio Lower Upper
248 100
250 199.0 80.6 120.8#
141 542.2 58.9 88.3#

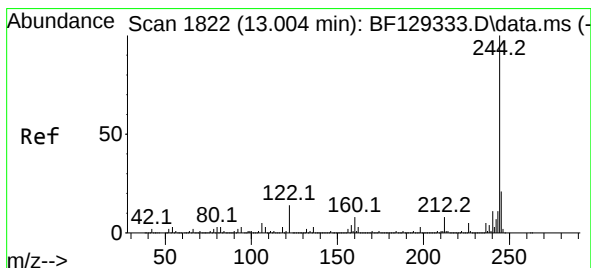
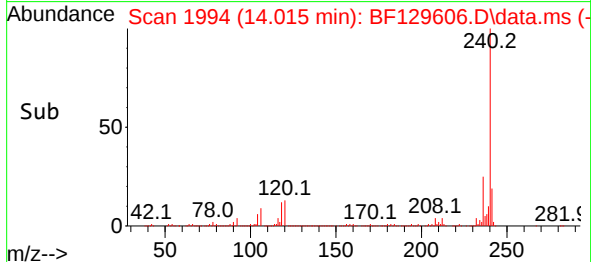
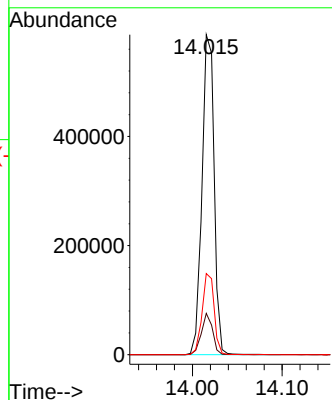
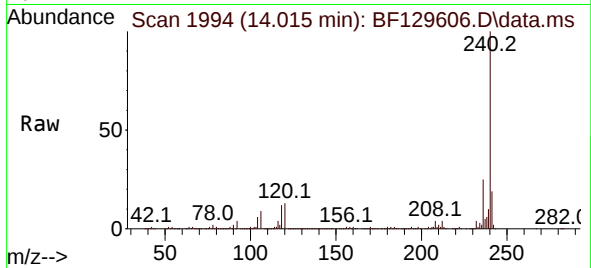




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

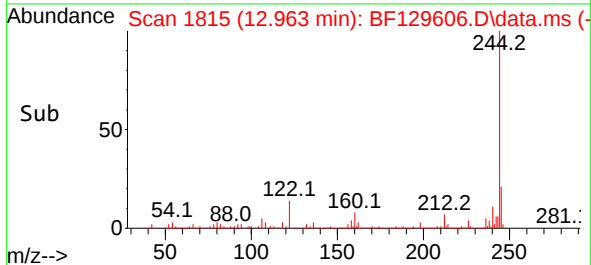
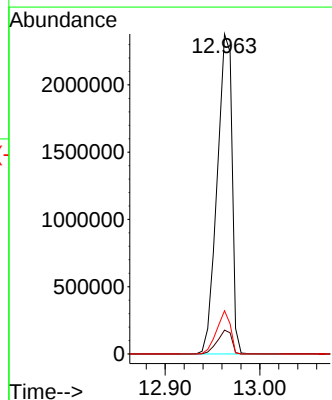
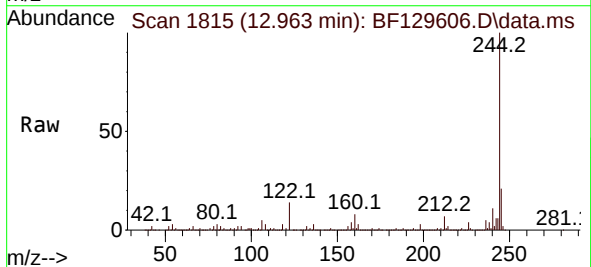
Instrument :
BNA_F
ClientSampleId :
PB146612BL

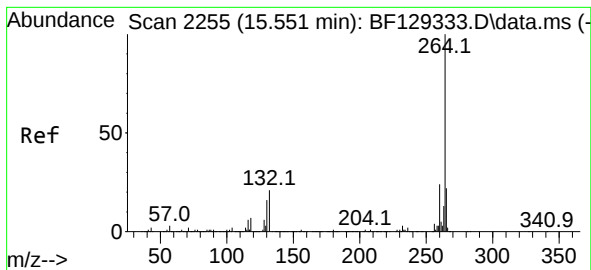
Tgt Ion:240 Resp: 551393
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 88.720 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129606.D
Acq: 05 Aug 2022 18:18

Tgt Ion:244 Resp: 2593023
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.5 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129606.D
 Acq: 05 Aug 2022 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB146612BL

Tgt Ion:264 Resp: 438545
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.9 17.2 25.8

