

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129688.D
 Acq On : 10 Aug 2022 03:18
 Operator : CG\JU
 Sample : N4105-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080822

Quant Time: Aug 10 05:40:06 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)

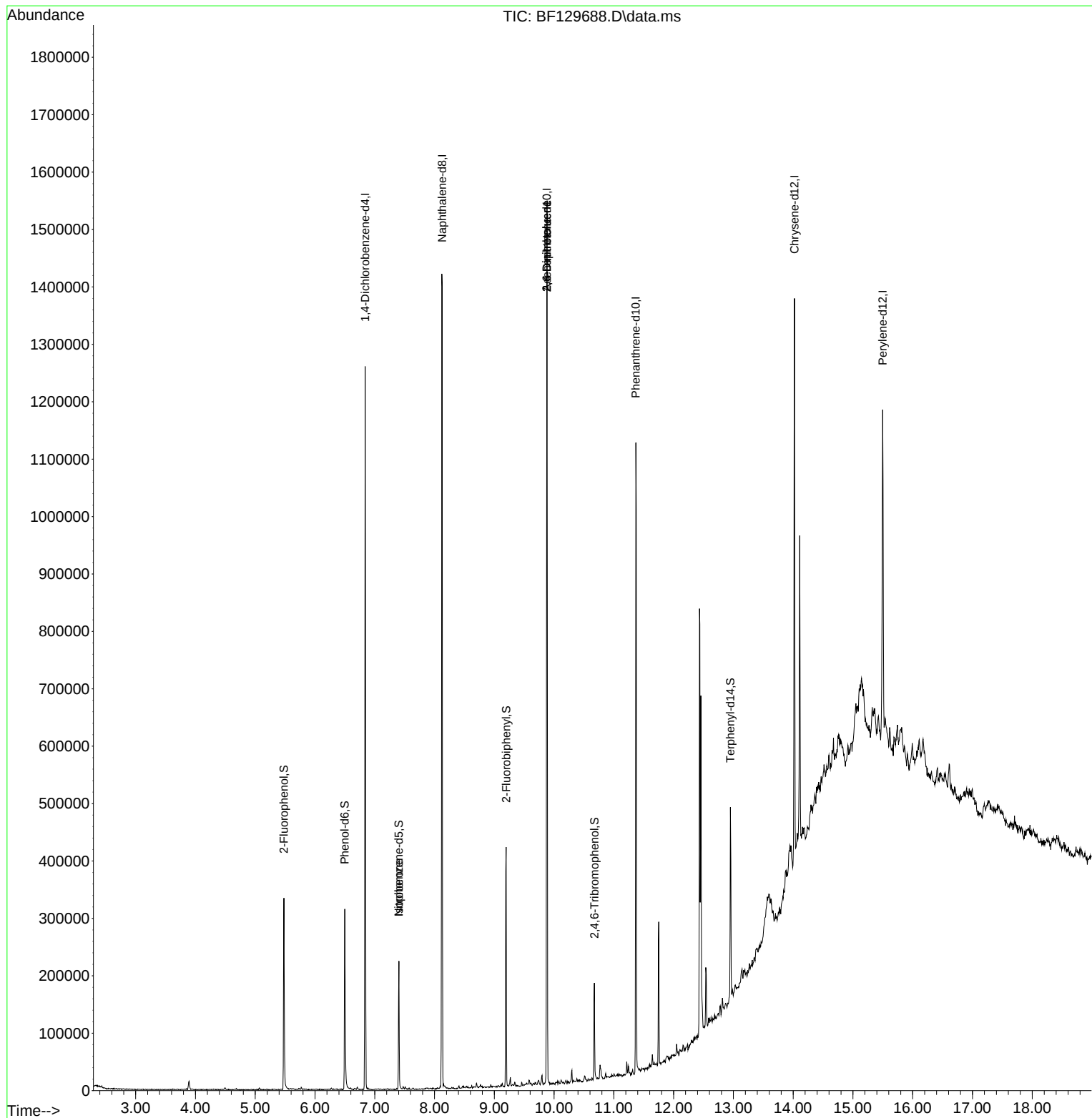
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	177315	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	639835	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	282787	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	394349	20.000	ng	#-0.01
76) Chrysene-d12	14.021	240	318508	20.000	ng	0.00
86) Perylene-d12	15.498	264	242681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	90976	8.358	ng	0.00
7) Phenol-d6	6.498	99	113503	8.296	ng	0.00
23) Nitrobenzene-d5	7.404	82	63881	5.450	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	18364	6.754	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	121514	6.647	ng	-0.01
79) Terphenyl-d14	12.951	244	101853	6.033	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.404	82	62747	2.987	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	36133	8.270	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	36133	6.330	ng	# 22

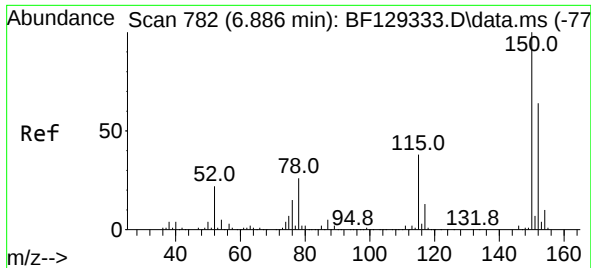
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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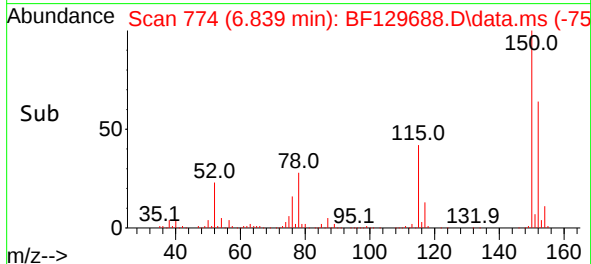
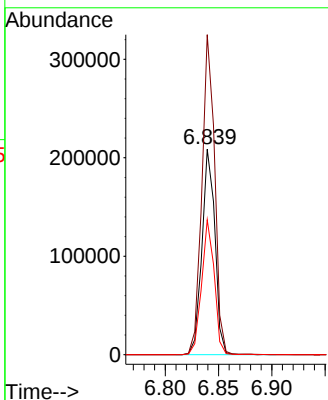
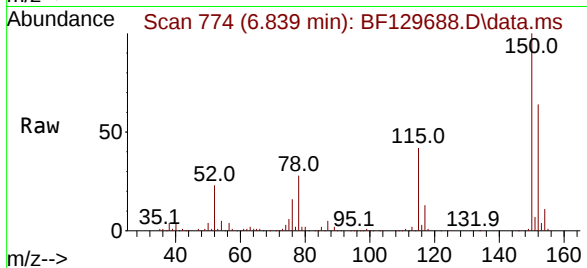




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129688.D
 Acq: 10 Aug 2022 03:18

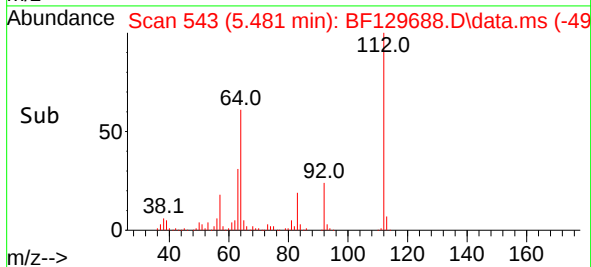
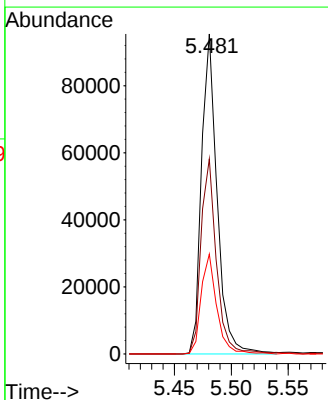
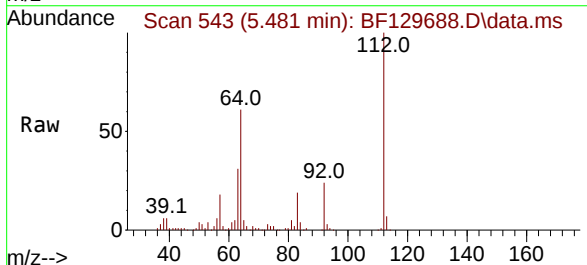
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080822

Tgt Ion:152 Resp: 177315
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 65.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 8.358 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129688.D
 Acq: 10 Aug 2022 03:18

Tgt Ion:112 Resp: 90976
 Ion Ratio Lower Upper
 112 100
 64 61.0 53.3 79.9
 63 31.2 28.0 42.0





#7
Phenol-d6
Concen: 8.296 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

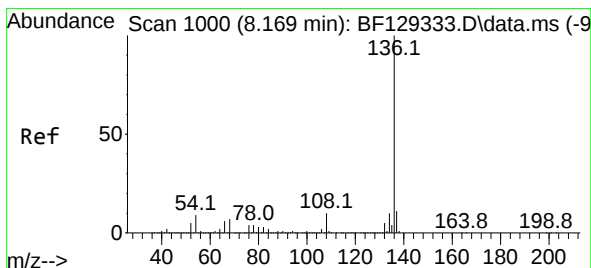
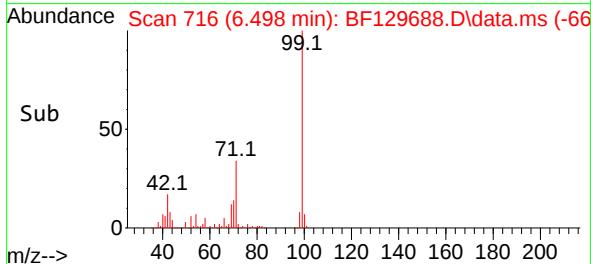
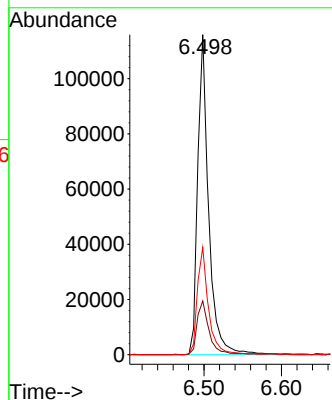
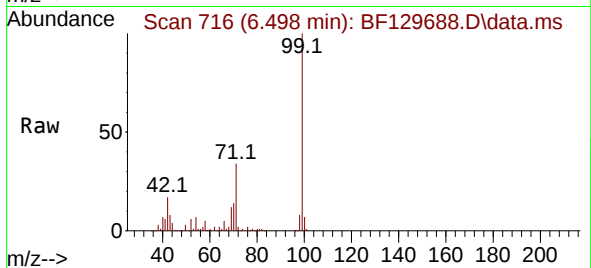
Instrument :

BNA_F

ClientSampleId :

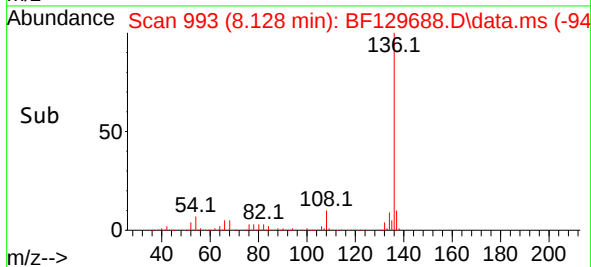
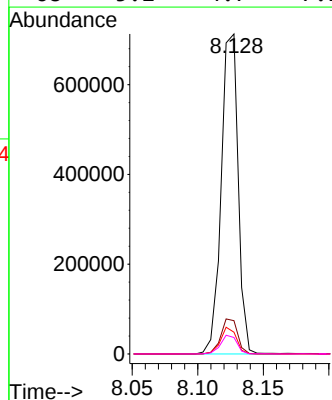
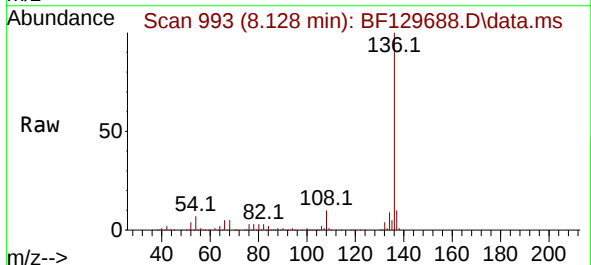
EO-01-080822

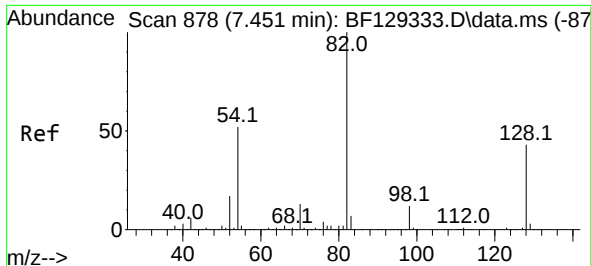
Tgt Ion: 99 Resp: 113503
Ion Ratio Lower Upper
99 100
42 16.8 17.3 25.9#
71 33.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

Tgt Ion: 136 Resp: 639835
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.8 7.5 11.3#
68 5.2 4.7 7.1

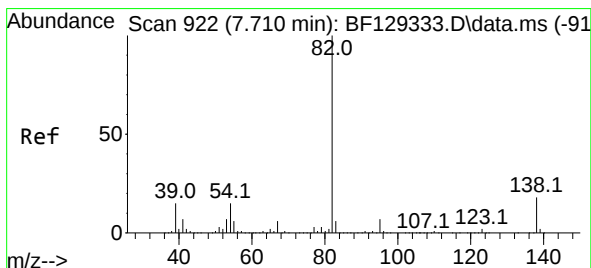
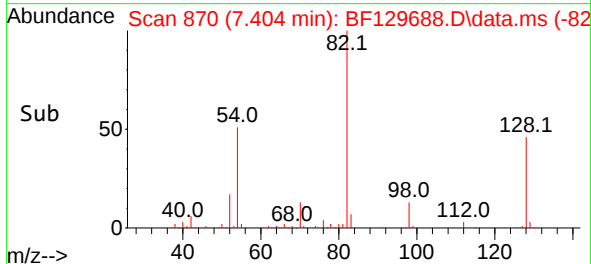
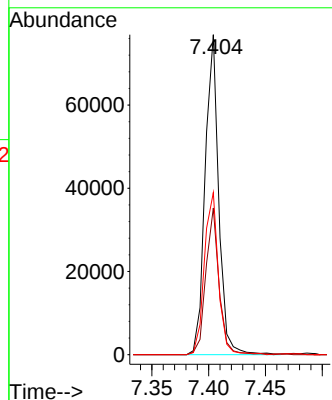
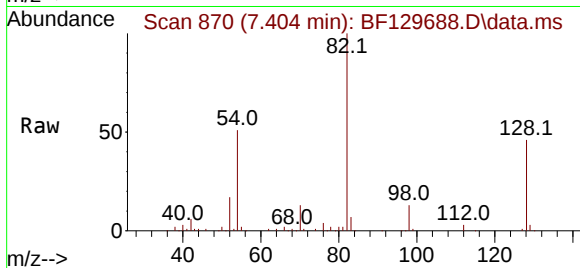




#23
Nitrobenzene-d5
Concen: 5.450 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

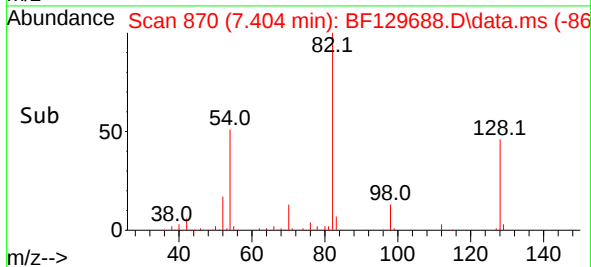
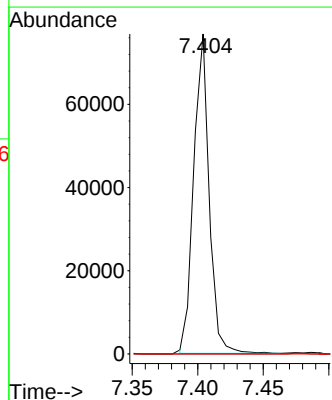
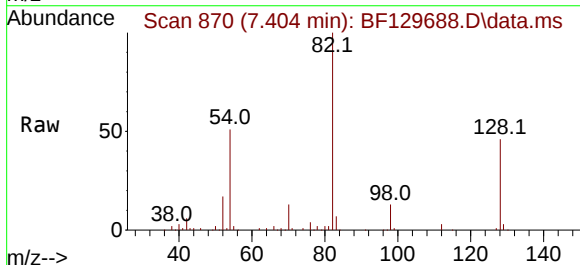
Instrument :
BNA_F
ClientSampleId :
EO-01-080822

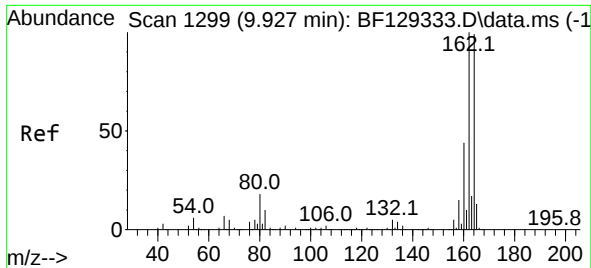
Tgt Ion: 82 Resp: 63881
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 50.6 46.9 70.3



#25
Isophorone
Concen: 2.987 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.277 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

Tgt Ion: 82 Resp: 62747
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

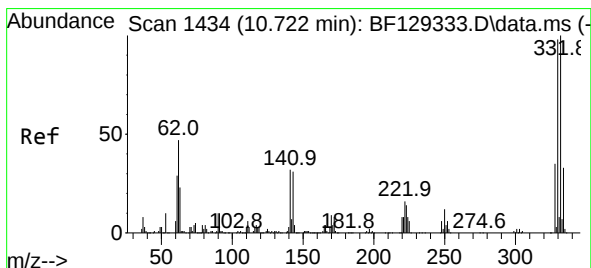
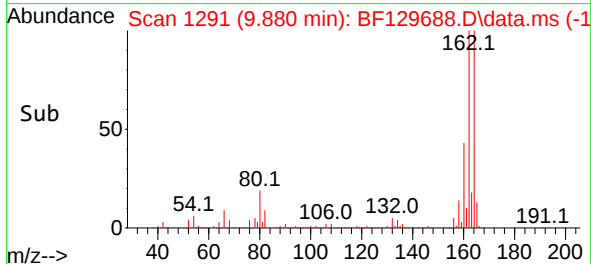
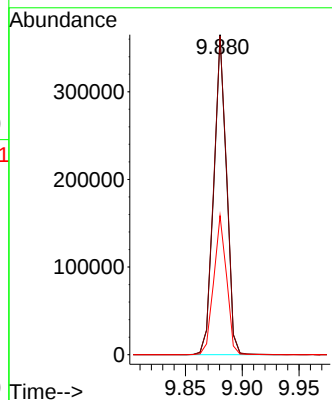
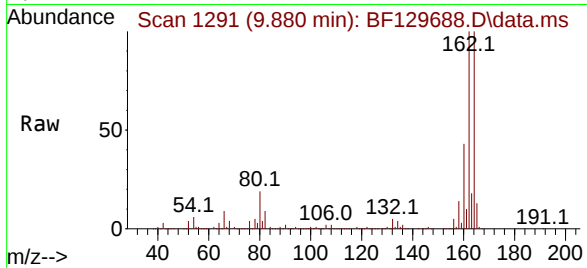




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

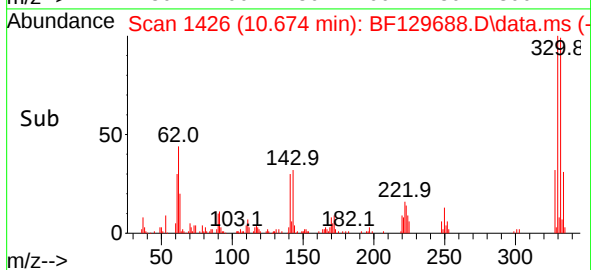
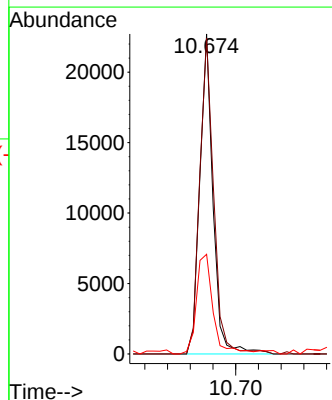
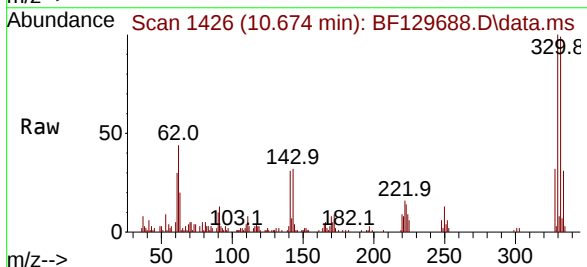
Instrument :
BNA_F
ClientSampleId :
EO-01-080822

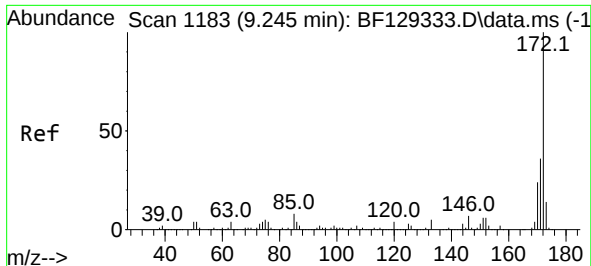
Tgt Ion:164 Resp: 282787
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 43.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 6.754 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

Tgt Ion:330 Resp: 18364
Ion Ratio Lower Upper
330 100
332 104.3 76.8 115.2
141 39.1 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 6.647 ng

RT: 9.198 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF129688.D

Acq: 10 Aug 2022 03:18

Instrument :

BNA_F

ClientSampleId :

EO-01-080822

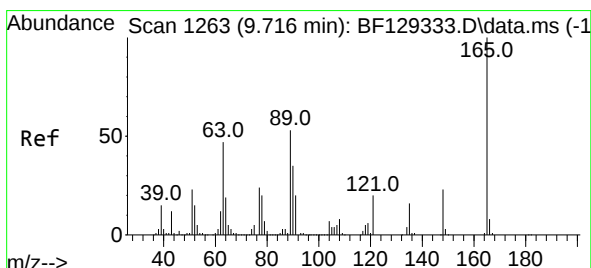
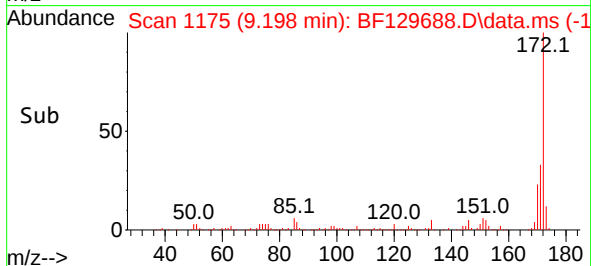
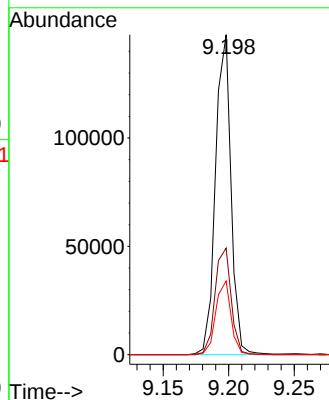
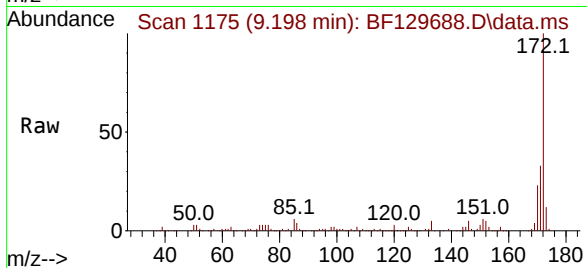
Tgt Ion:172 Resp: 121514

Ion Ratio Lower Upper

172 100

171 33.3 28.8 43.2

170 23.1 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.270 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129688.D

Acq: 10 Aug 2022 03:18

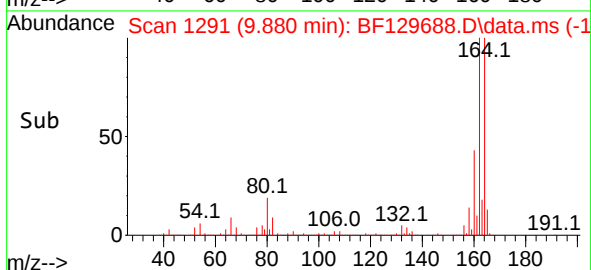
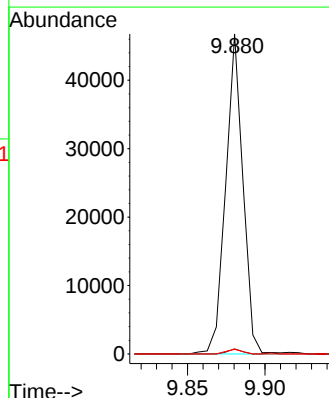
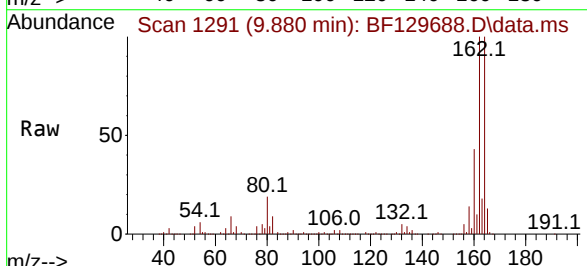
Tgt Ion:165 Resp: 36133

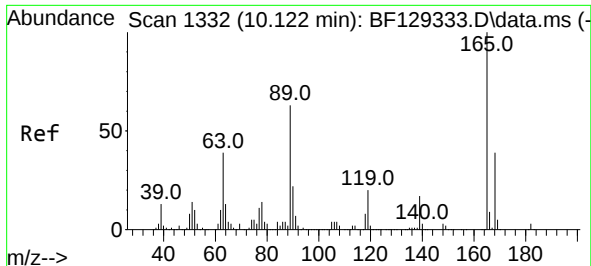
Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.4 43.6 65.4#

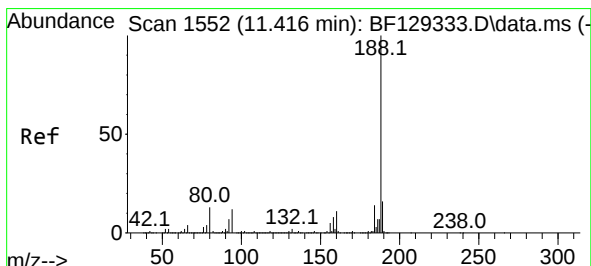
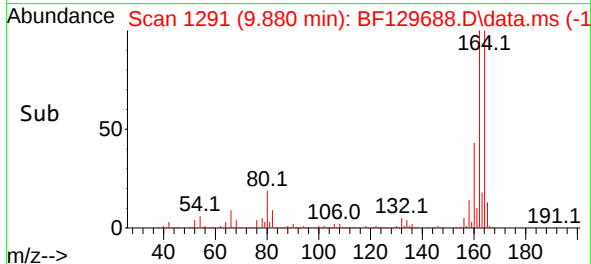
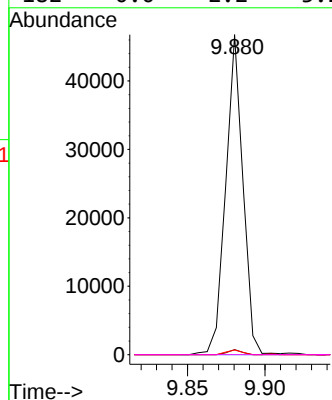
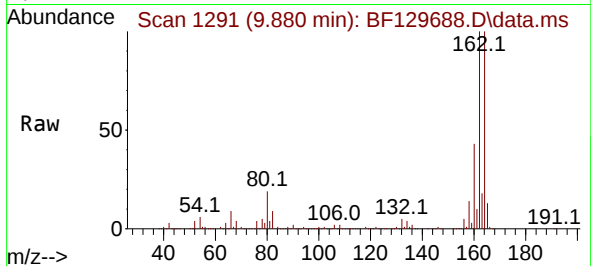




#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

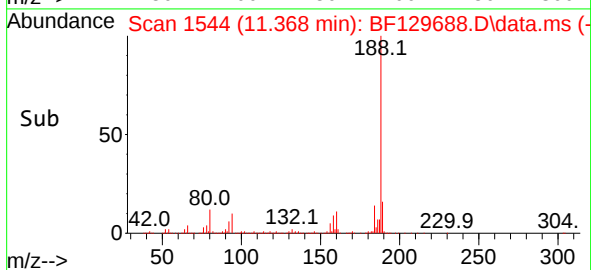
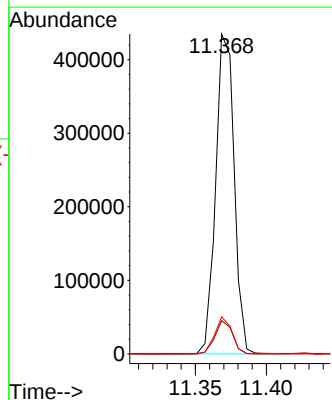
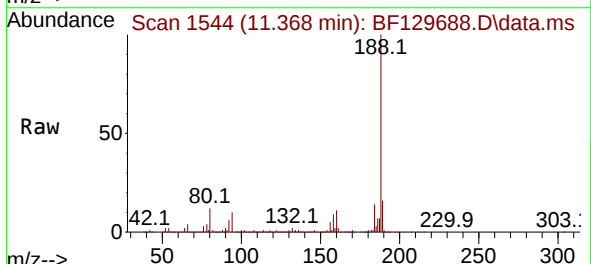
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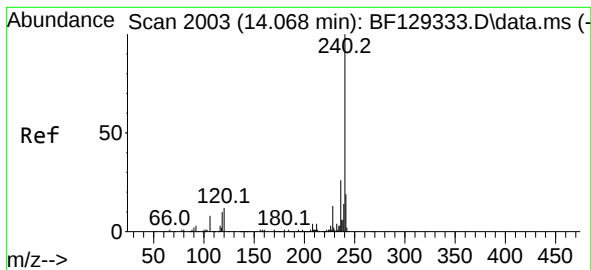
Tgt Ion:165 Resp: 36133
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

Tgt Ion:188 Resp: 394349
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.6 7.6 11.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF129688.D

Acq: 10 Aug 2022 03:18

Instrument :

BNA_F

ClientSampleId :

EO-01-080822

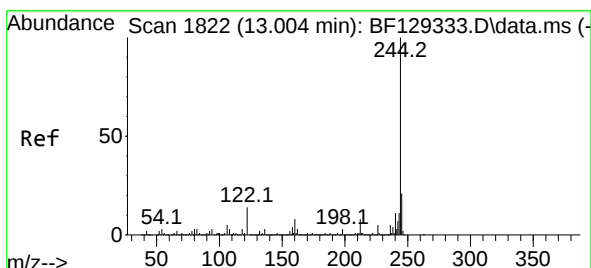
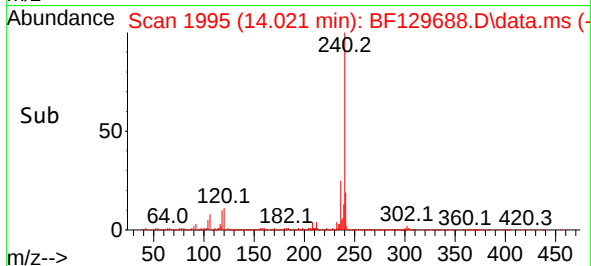
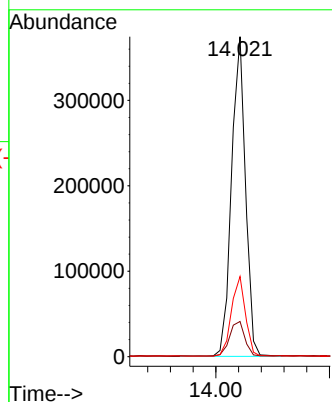
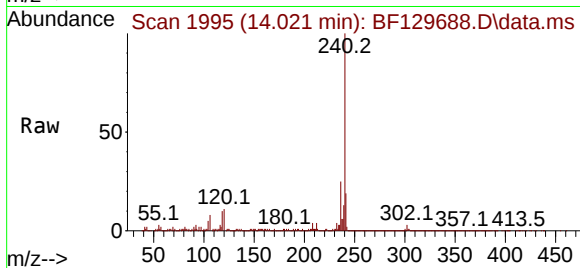
Tgt Ion:240 Resp: 318508

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.1 20.8 31.2



#79

Terphenyl-d14

Concen: 6.033 ng

RT: 12.951 min Scan# 1813

Delta R.T. -0.018 min

Lab File: BF129688.D

Acq: 10 Aug 2022 03:18

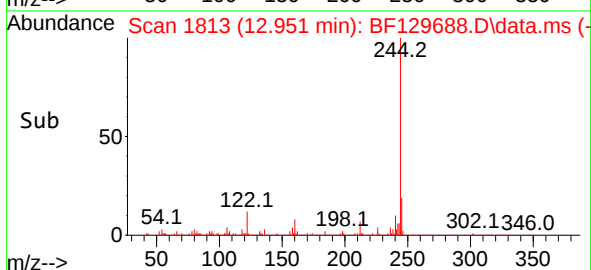
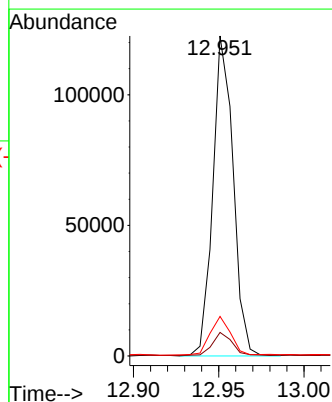
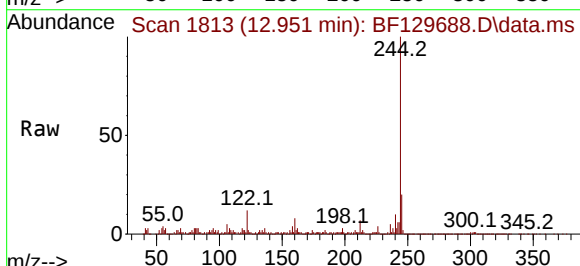
Tgt Ion:244 Resp: 101853

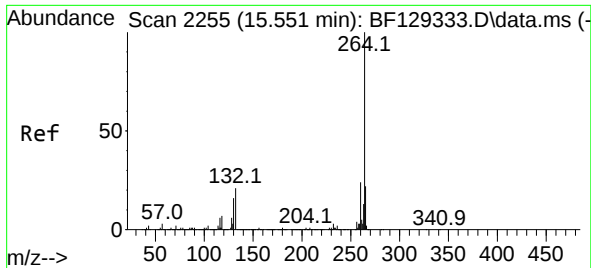
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 12.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129688.D
Acq: 10 Aug 2022 03:18

Instrument :
BNA_F
ClientSampleId :
EO-01-080822

Tgt Ion:264 Resp: 242681
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.7 17.2 25.8

