

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129642.D
 Acq On : 08 Aug 2022 21:06
 Operator : CG\JU
 Sample : N4091-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037

Quant Time: Aug 09 00:35:53 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)

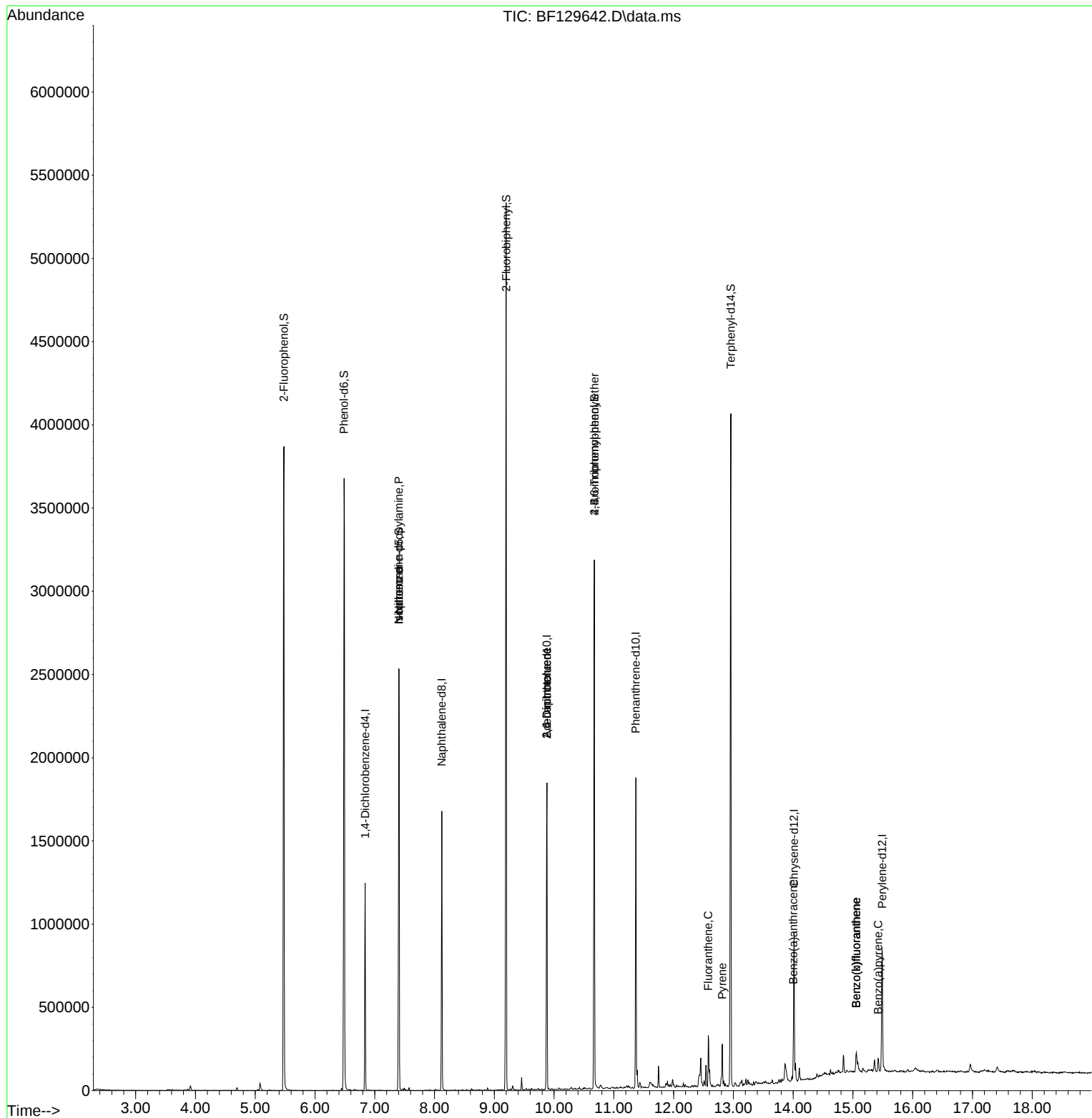
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	169145	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	677398	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	360647	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	595637	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	275949	20.000	ng	-0.01
86) Perylene-d12	15.492	264	331882	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1077681	103.789	ng	0.00
7) Phenol-d6	6.487	99	1369648	104.944	ng	-0.02
23) Nitrobenzene-d5	7.404	82	871216	70.208	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	354519	102.245	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1504839	64.548	ng	-0.01
79) Terphenyl-d14	12.957	244	1313375	89.791	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	115507	14.619	ng	# 73
25) Isophorone	7.404	82	866916	38.974	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	47187	8.468	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	47187	6.482	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	21768	3.337	ng	# 1
75) Fluoranthene	12.580	202	117464	3.566	ng	98
78) Pyrene	12.816	202	99978	4.333	ng	96
81) Benzo(a)anthracene	14.004	228	37762	2.003	ng	97
88) Benzo(b)fluoranthene	15.057	252	78145	3.550	ng	# 97
89) Benzo(k)fluoranthene	15.057	252	78145	3.622	ng	98
90) Benzo(a)pyrene	15.421	252	37789	2.115	ng	# 89

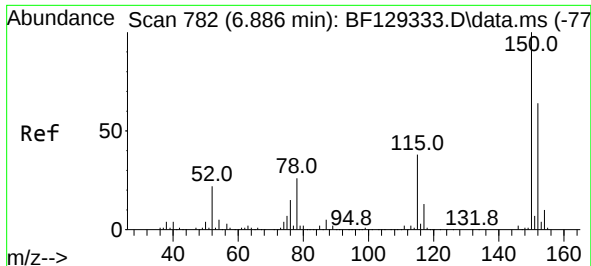
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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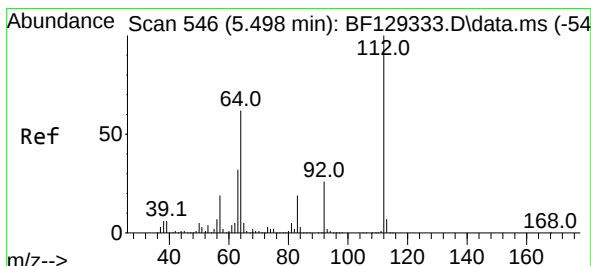
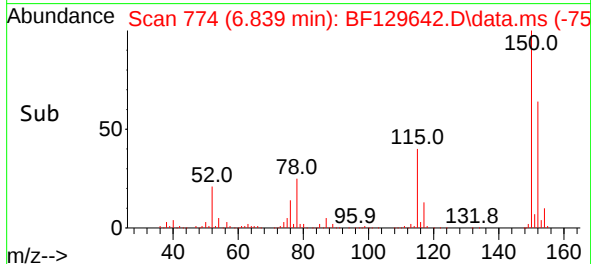
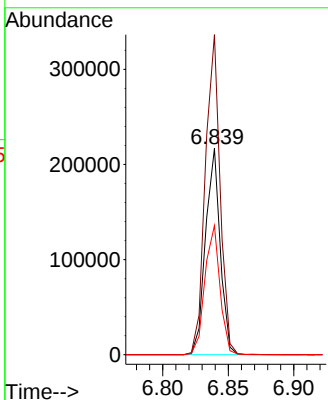
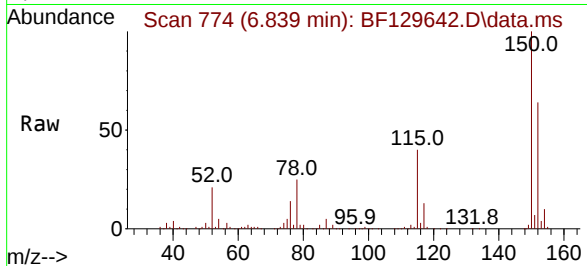




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129642.D
 Acq: 08 Aug 2022 21:06

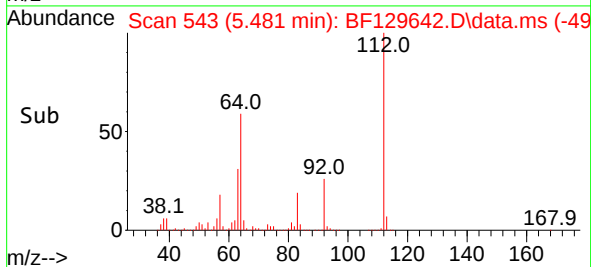
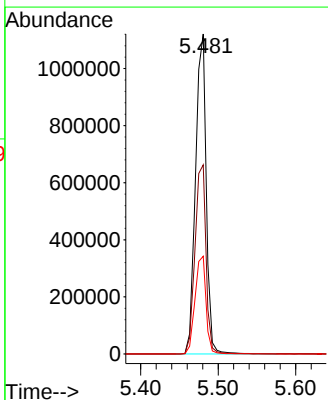
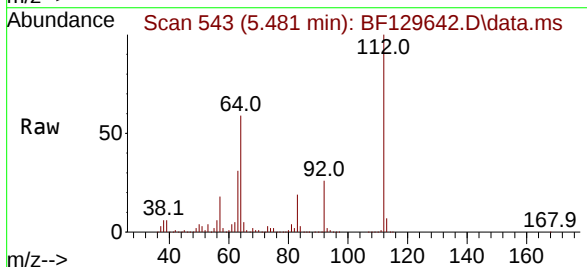
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037

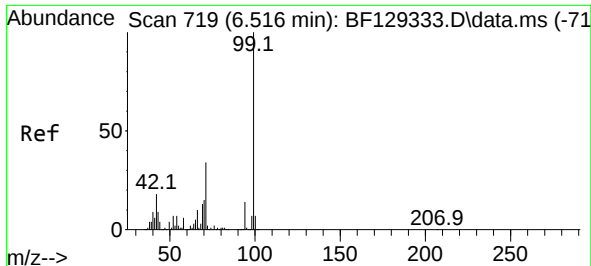
Tgt Ion:152 Resp: 169145
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 103.789 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129642.D
 Acq: 08 Aug 2022 21:06

Tgt Ion:112 Resp: 1077681
 Ion Ratio Lower Upper
 112 100
 64 59.1 53.3 79.9
 63 30.6 28.0 42.0

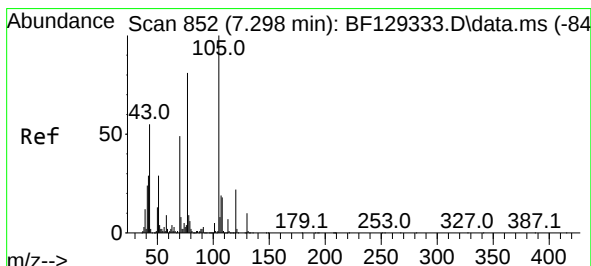
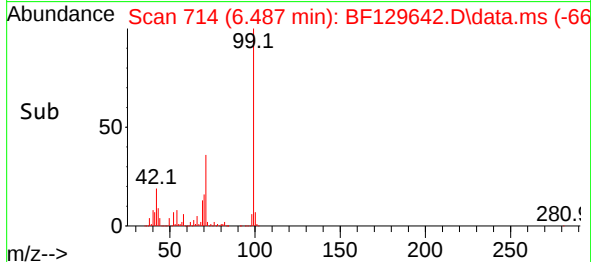
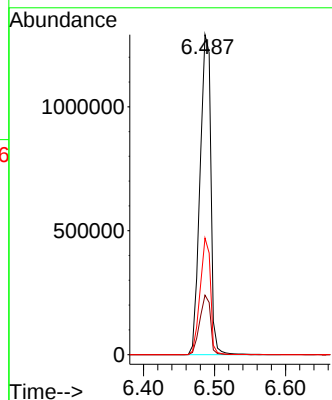
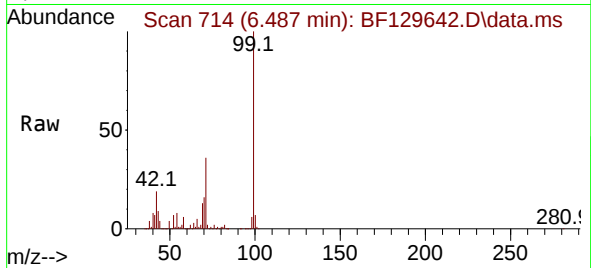




#7
Phenol-d6
Concen: 104.944 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

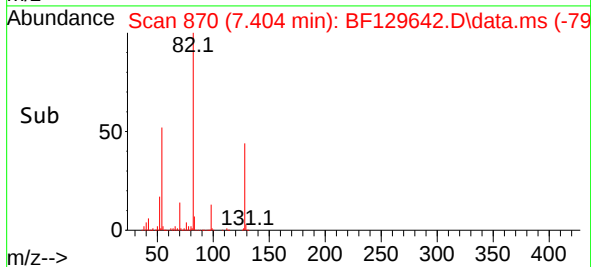
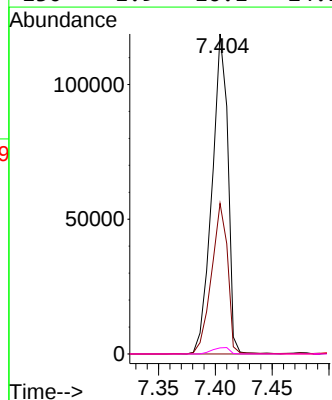
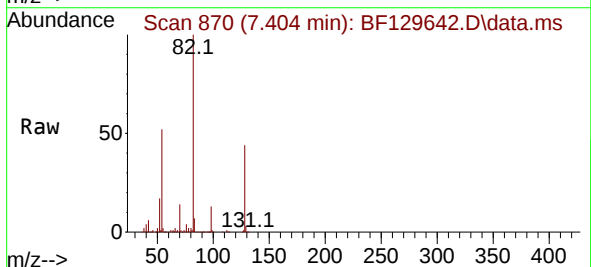
Instrument :
BNA_F
ClientSampleId :
PSC-124037

Tgt Ion: 99 Resp: 1369648
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.619 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Tgt Ion: 70 Resp: 115507
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



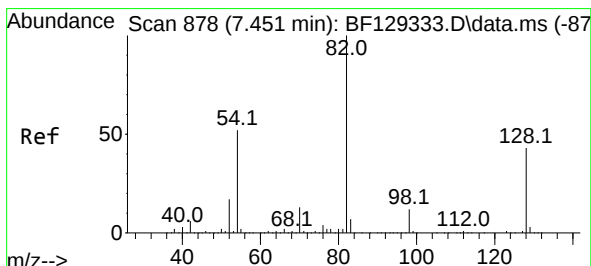
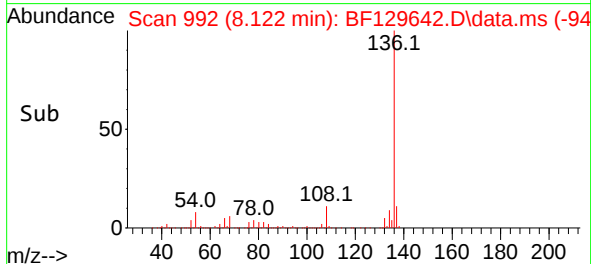
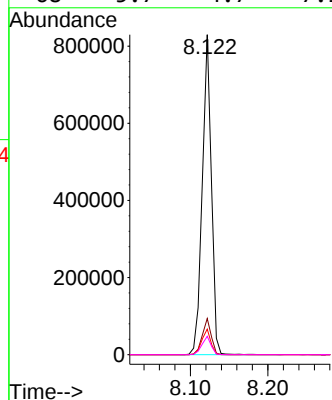
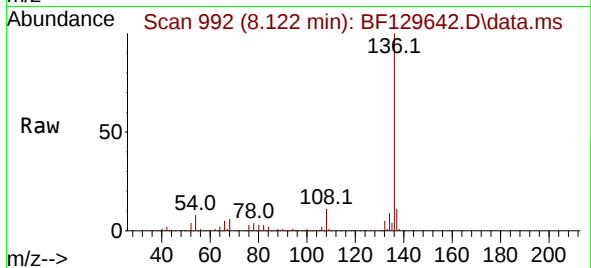


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Instrument :
BNA_F
ClientSampleId :
PSC-124037

Tgt Ion:136 Resp: 677398

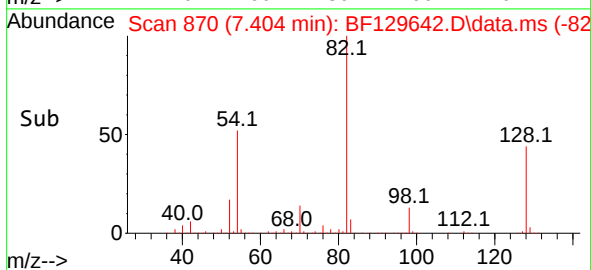
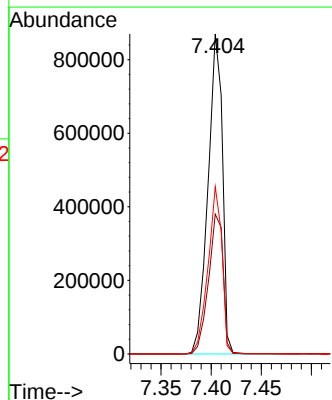
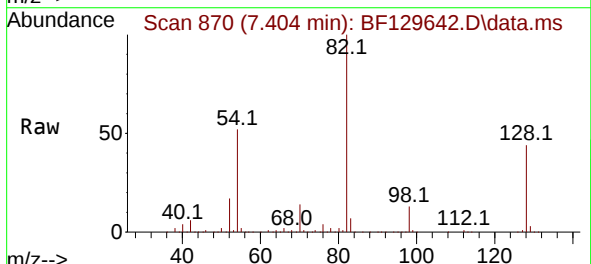
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	7.5	11.3
68	5.7	4.7	7.1

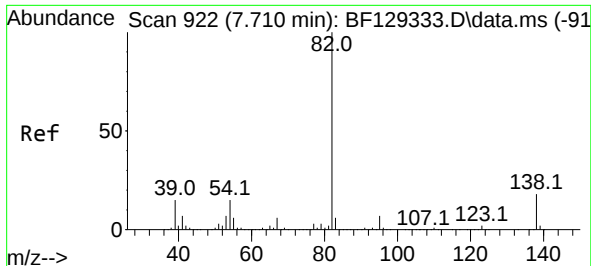


#23
Nitrobenzene-d5
Concen: 70.208 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Tgt Ion: 82 Resp: 871216

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	52.3	46.9	70.3

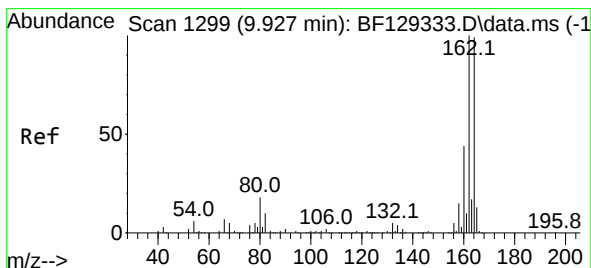
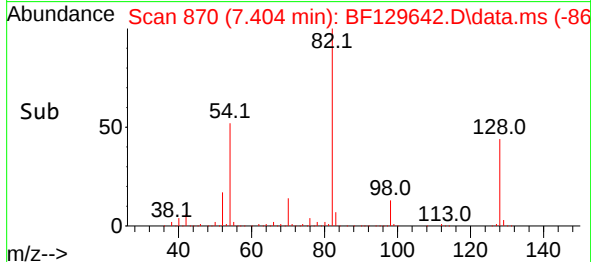
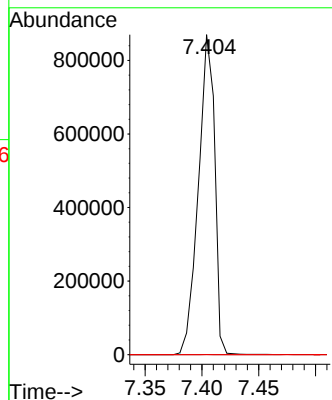
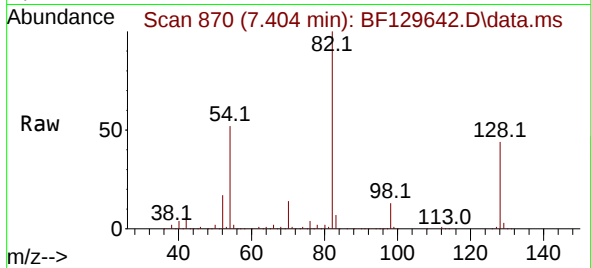




#25
Isophorone
Concen: 38.974 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

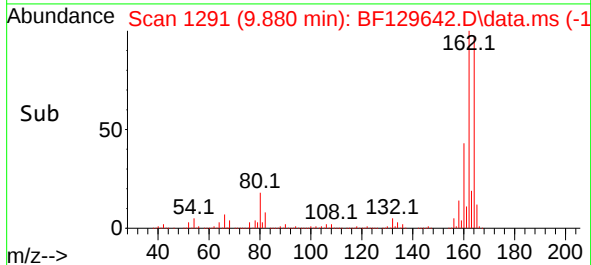
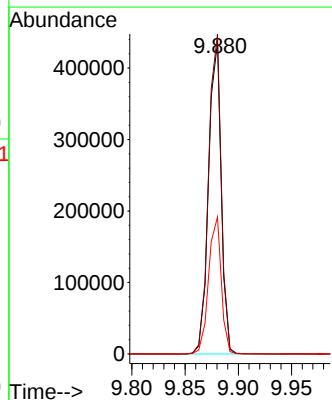
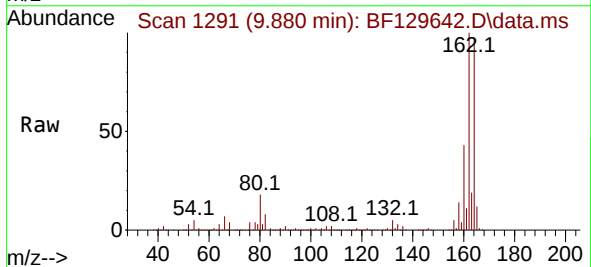
Instrument :
BNA_F
ClientSampleId :
PSC-124037

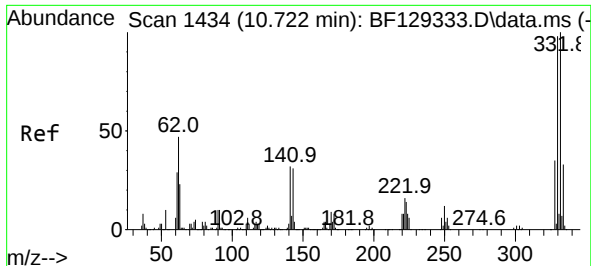
Tgt Ion: 82 Resp: 866916
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Tgt Ion:164 Resp: 360647
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 102.245 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129642.D

Acq: 08 Aug 2022 21:06

Instrument :

BNA_F

ClientSampleId :

PSC-124037

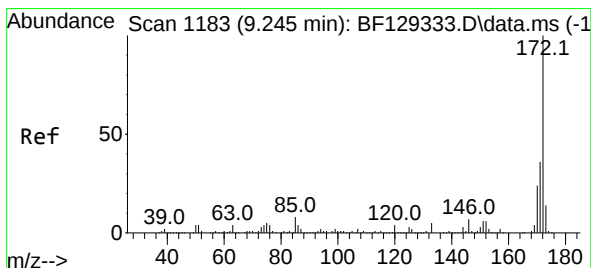
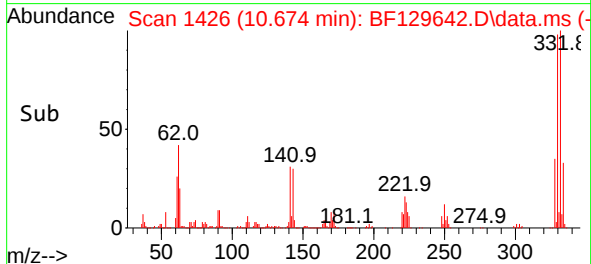
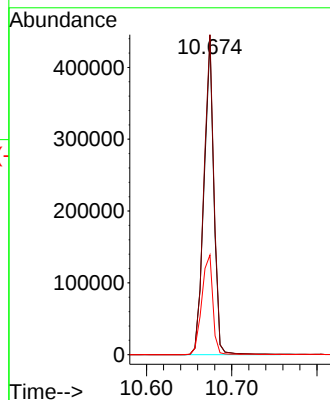
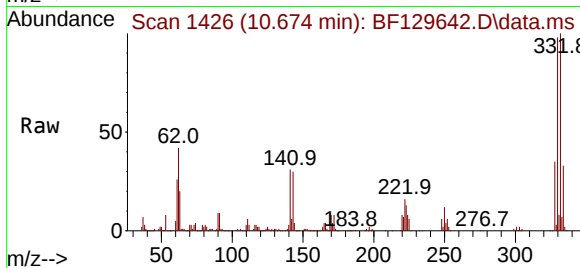
Tgt Ion:330 Resp: 354519

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.548 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129642.D

Acq: 08 Aug 2022 21:06

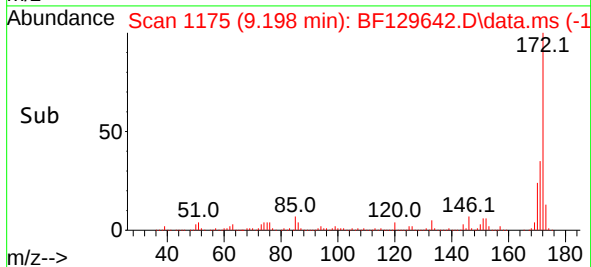
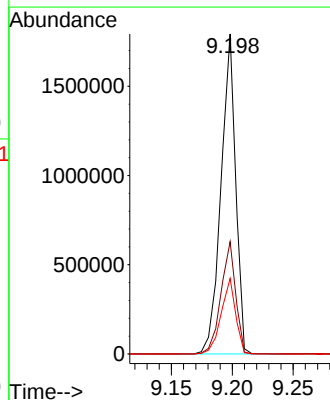
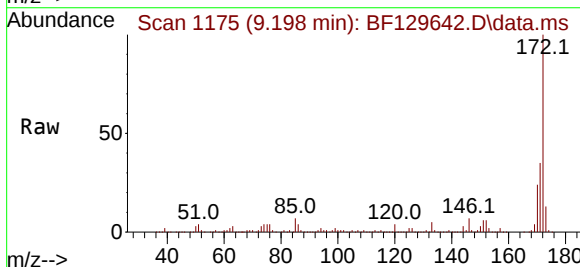
Tgt Ion:172 Resp: 1504839

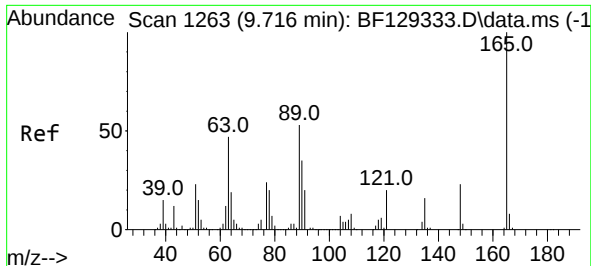
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8

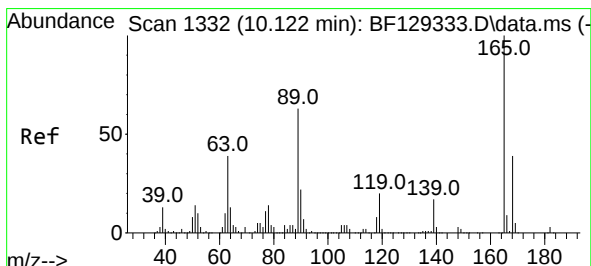
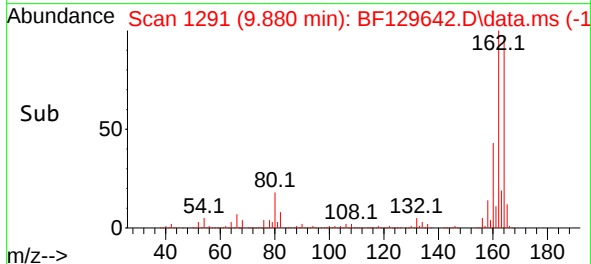
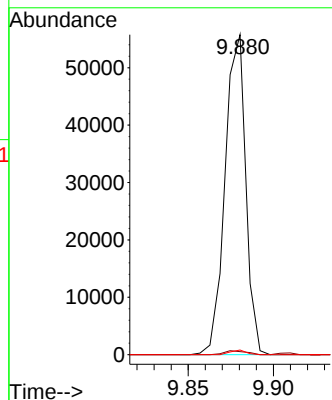
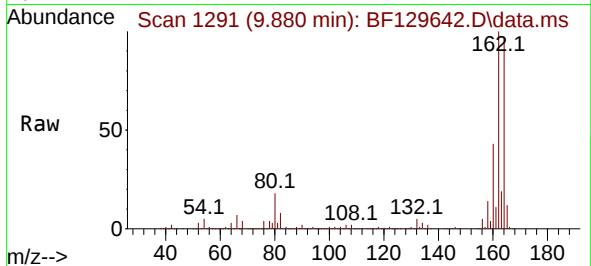




#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

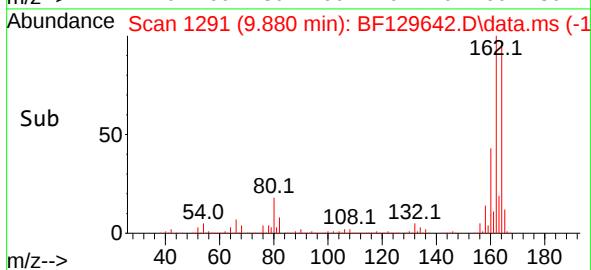
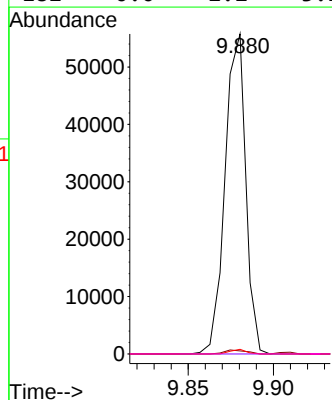
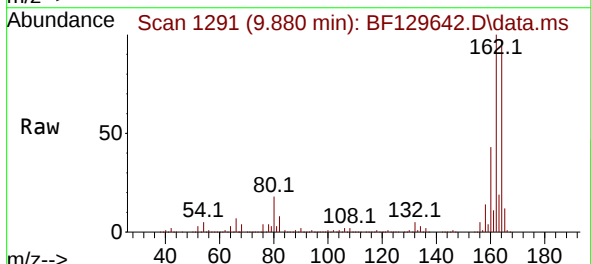
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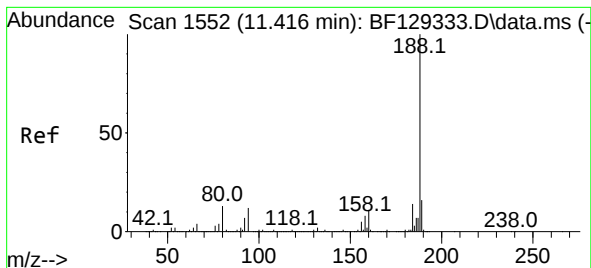
Tgt Ion:165 Resp: 47187
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.482 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Tgt Ion:165 Resp: 47187
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129642.D

Acq: 08 Aug 2022 21:06

Instrument :

BNA_F

ClientSampleId :

PSC-124037

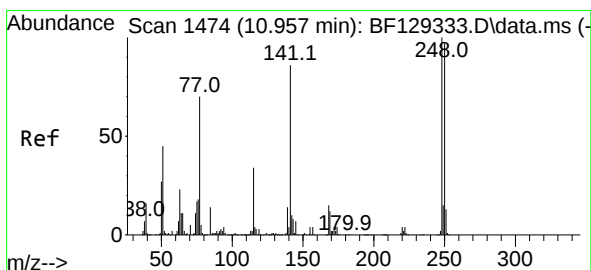
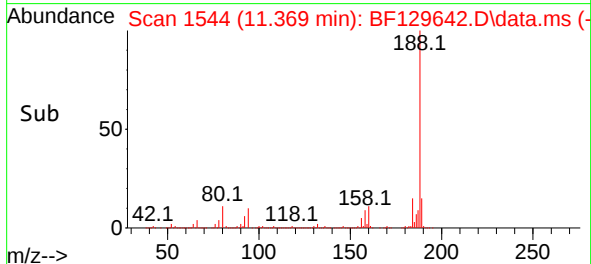
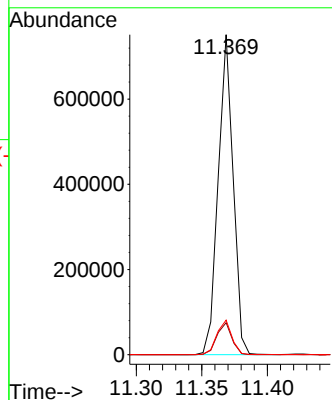
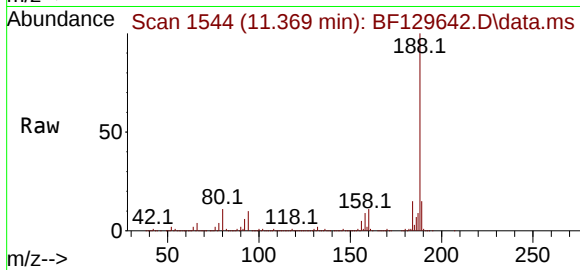
Tgt Ion:188 Resp: 595637

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.337 ng

RT: 10.674 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129642.D

Acq: 08 Aug 2022 21:06

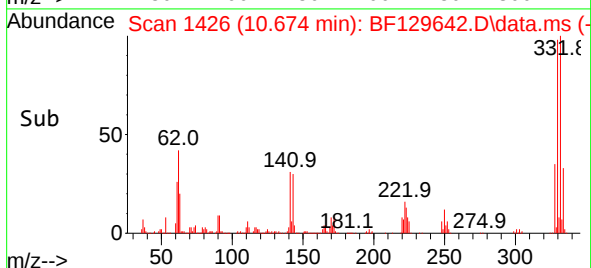
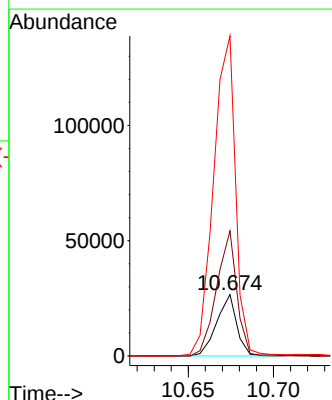
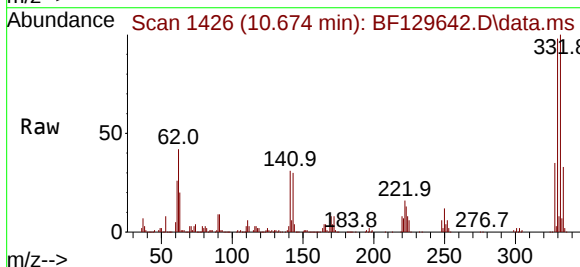
Tgt Ion:248 Resp: 21768

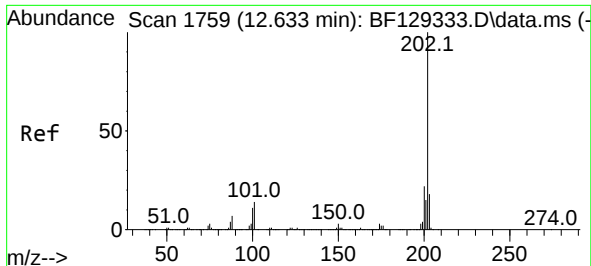
Ion Ratio Lower Upper

248 100

250 203.5 80.6 120.8#

141 520.6 58.9 88.3#

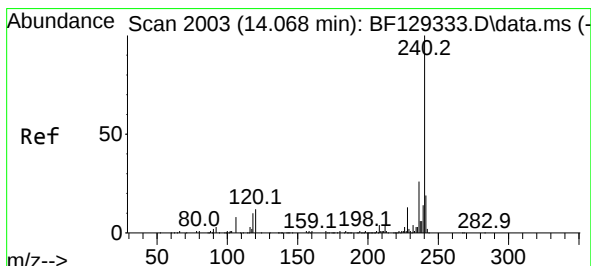
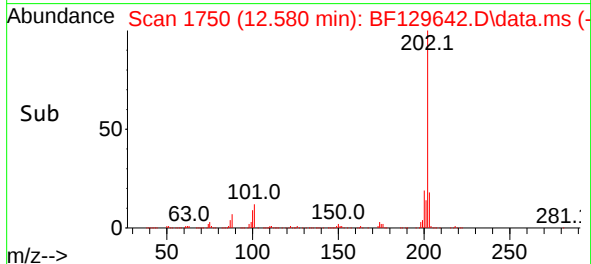
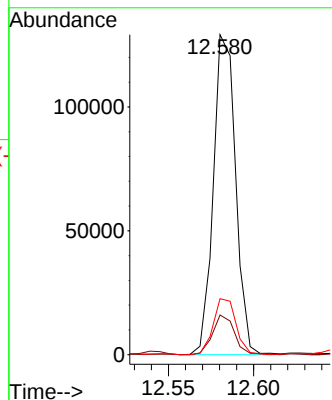
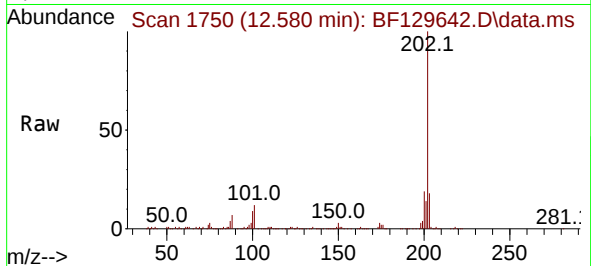




#75
Fluoranthene
Concen: 3.566 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

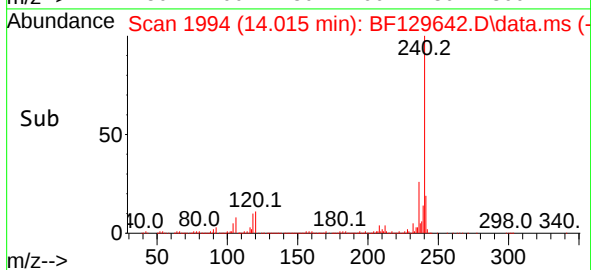
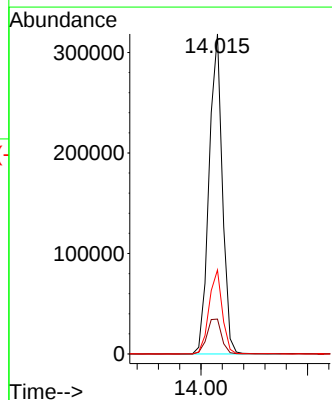
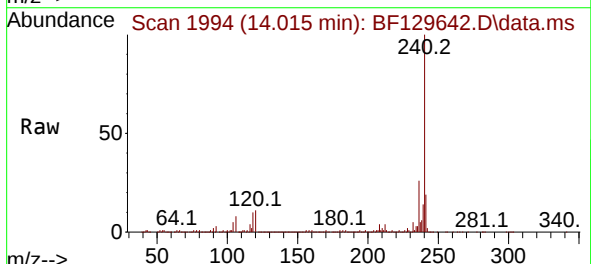
Instrument :
BNA_F
ClientSampleId :
PSC-124037

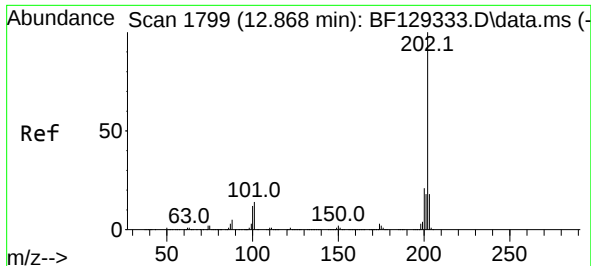
Tgt Ion:202 Resp: 117464
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Tgt Ion:240 Resp: 275949
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.3 20.8 31.2

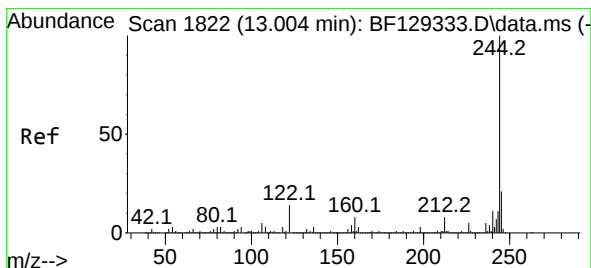
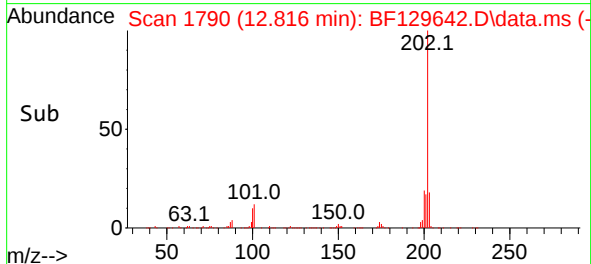
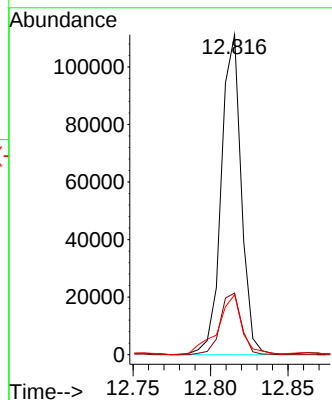
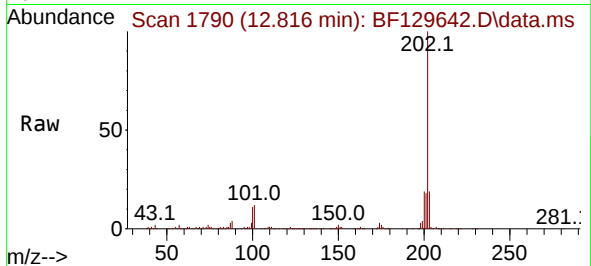




#78
 Pyrene
 Concen: 4.333 ng
 RT: 12.816 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129642.D
 Acq: 08 Aug 2022 21:06

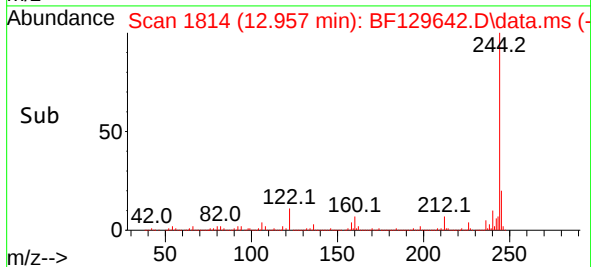
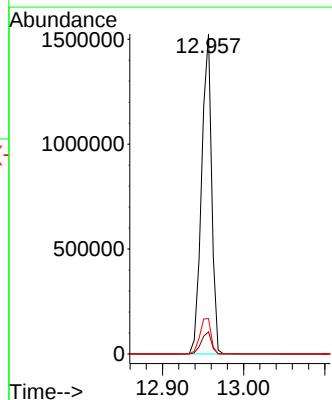
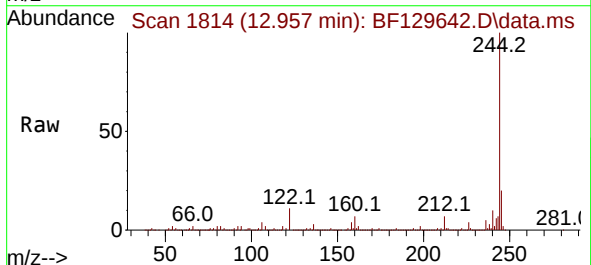
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037

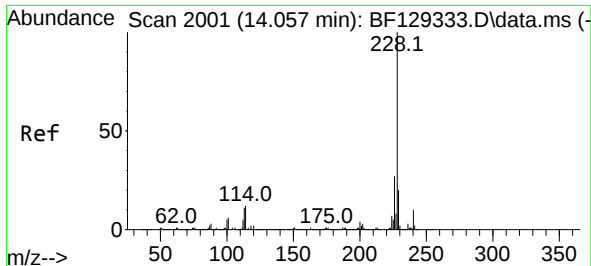
Tgt Ion:202 Resp: 99978
 Ion Ratio Lower Upper
 202 100
 200 19.2 17.7 26.5
 203 18.8 14.6 21.8



#79
 Terphenyl-d14
 Concen: 89.791 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129642.D
 Acq: 08 Aug 2022 21:06

Tgt Ion:244 Resp: 1313375
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.1 8.8 13.2

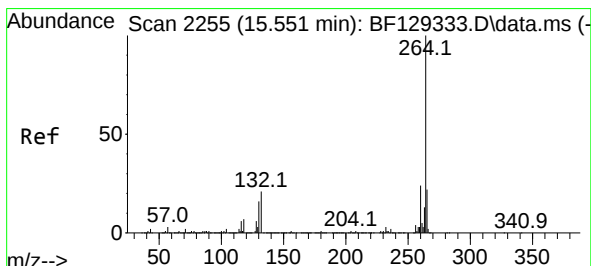
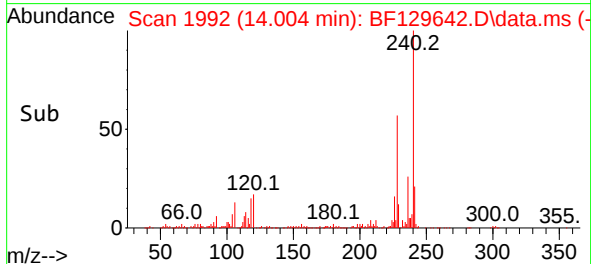
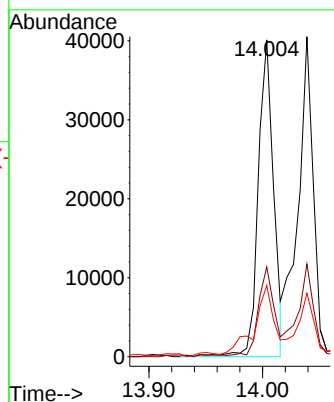
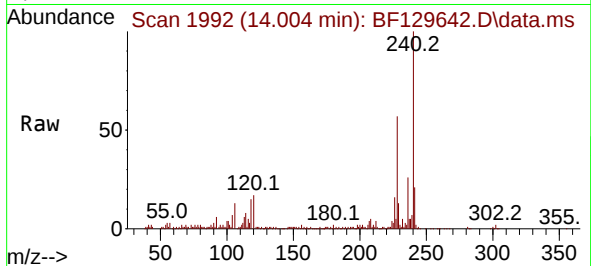




#81
Benzo(a)anthracene
Concen: 2.003 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

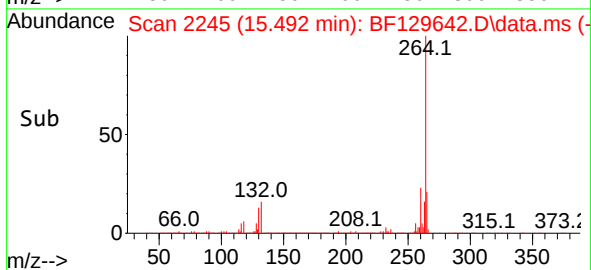
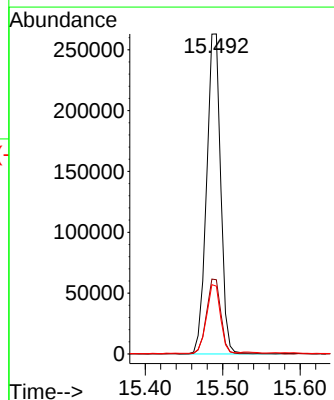
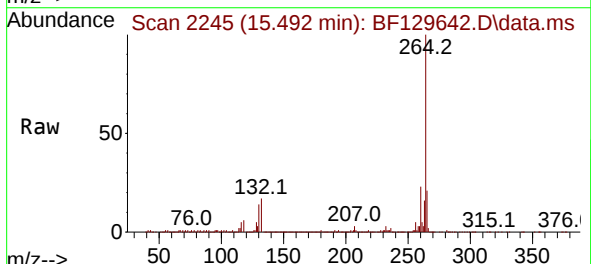
Instrument :
BNA_F
ClientSampleId :
PSC-124037

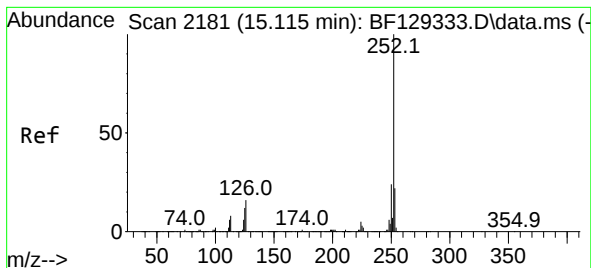
Tgt Ion:228 Resp: 37762
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 22.5 15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129642.D
Acq: 08 Aug 2022 21:06

Tgt Ion:264 Resp: 331882
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.2 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.550 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.012 min

Lab File: BF129642.D

Acq: 08 Aug 2022 21:06

Instrument :

BNA_F

ClientSampleId :

PSC-124037

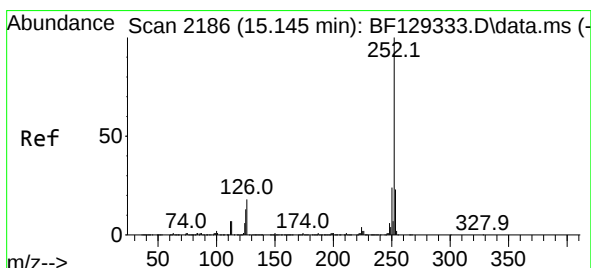
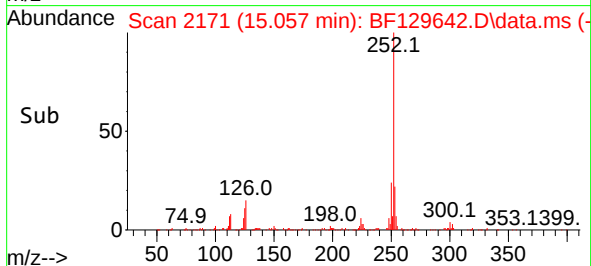
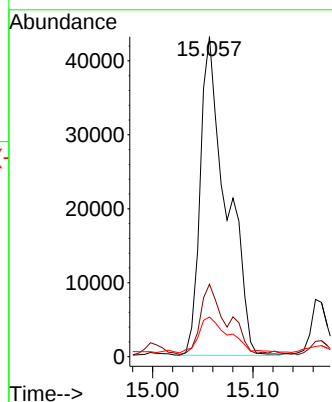
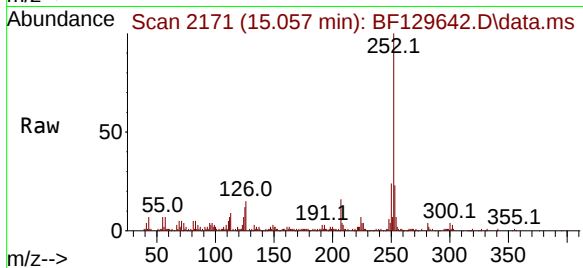
Tgt Ion:252 Resp: 78145

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 12.4 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.622 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.047 min

Lab File: BF129642.D

Acq: 08 Aug 2022 21:06

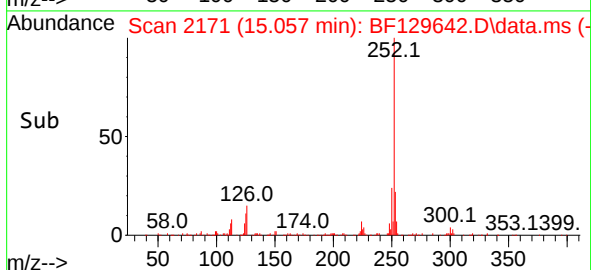
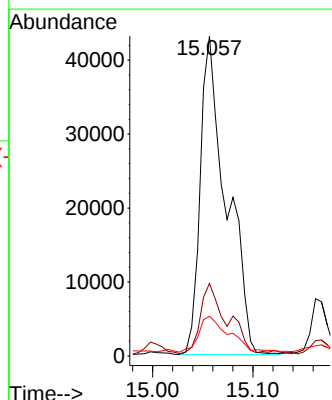
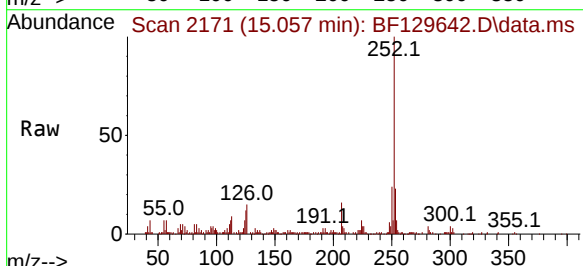
Tgt Ion:252 Resp: 78145

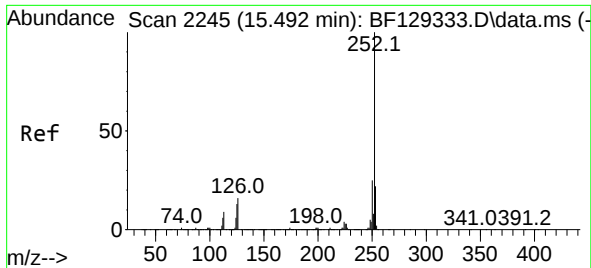
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 12.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 2.115 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF129642.D

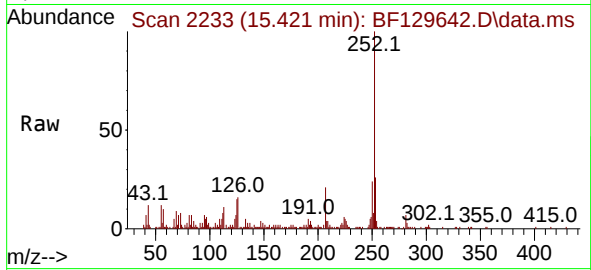
Acq: 08 Aug 2022 21:06

Instrument :

BNA_F

ClientSampleId :

PSC-124037



Tgt Ion:252 Resp: 37789

Ion Ratio Lower Upper

252 100

253 26.2 17.0 25.6#

125 15.1 8.8 13.2#

