

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129640.D
 Acq On : 08 Aug 2022 19:58
 Operator : CG\JU
 Sample : N4091-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-164717

Quant Time: Aug 09 00:34:56 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)

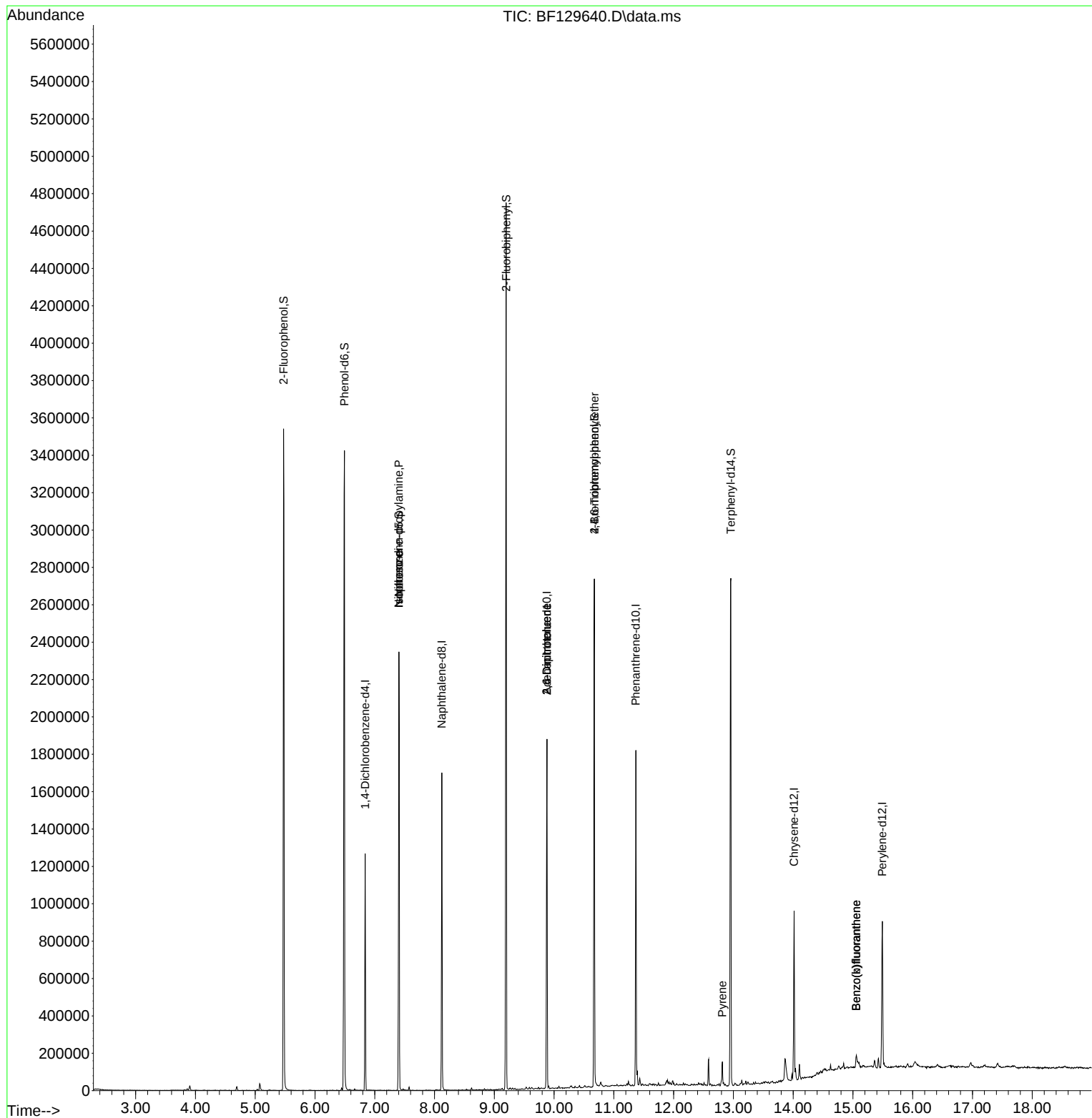
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	164045	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	667677	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	359894	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	569467	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	276297	20.000	ng	-0.01
86) Perylene-d12	15.492	264	345940	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	971654	96.487	ng	0.00
7) Phenol-d6	6.492	99	1217105	96.155	ng	-0.01
23) Nitrobenzene-d5	7.404	82	773110	63.209	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	303853	87.816	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1320969	56.780	ng	-0.01
79) Terphenyl-d14	12.957	244	982918	67.115	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	102271	13.346	ng	# 73
25) Isophorone	7.404	82	770451	35.142	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	47294	8.505	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	47294	6.511	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	19363	3.105	ng	# 1
78) Pyrene	12.816	202	48591	2.103	ng	98
88) Benzo(b)fluoranthene	15.057	252	45972	2.003	ng	97
89) Benzo(k)fluoranthene	15.057	252	45972	2.044	ng	97

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

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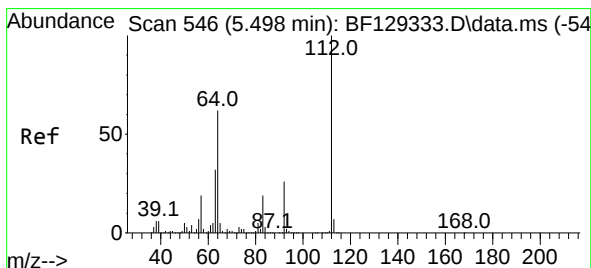
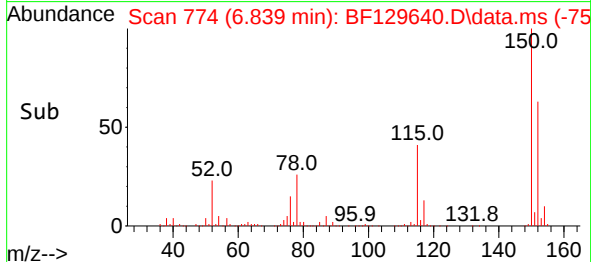
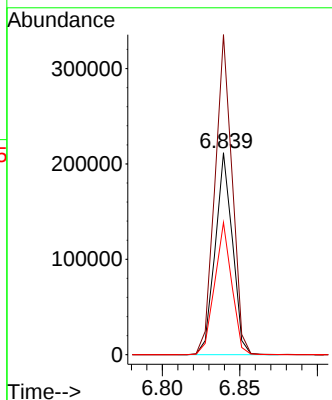
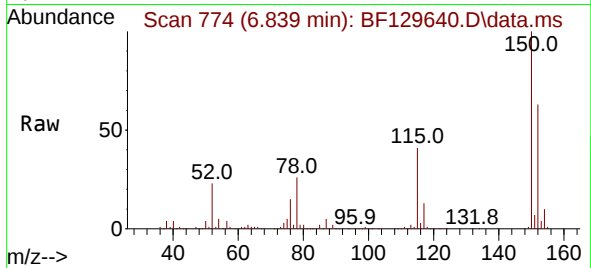




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129640.D
 Acq: 08 Aug 2022 19:58

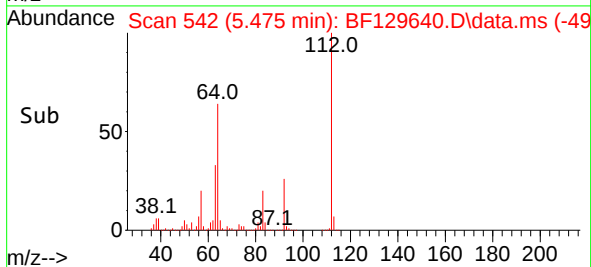
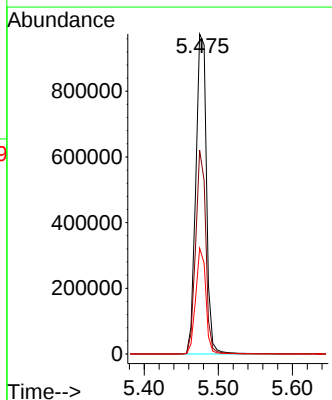
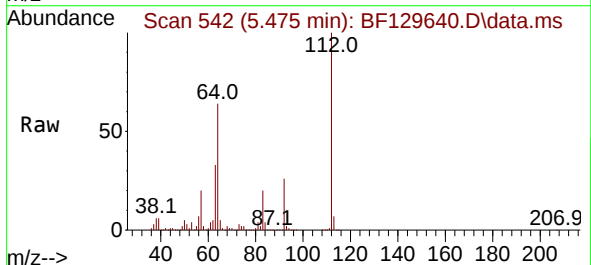
Instrument :
 BNA_F
 ClientSampleId :
 PSC-164717

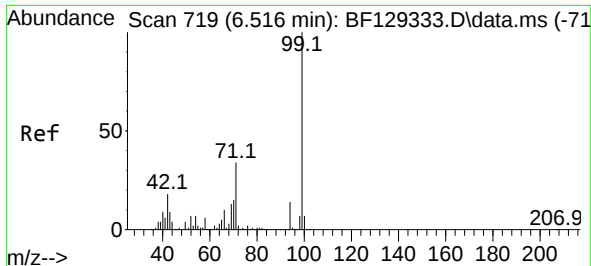
Tgt Ion:152 Resp: 164045
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 96.487 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129640.D
 Acq: 08 Aug 2022 19:58

Tgt Ion:112 Resp: 971654
 Ion Ratio Lower Upper
 112 100
 64 63.6 53.3 79.9
 63 33.0 28.0 42.0

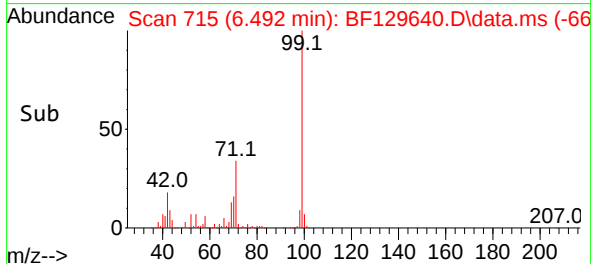
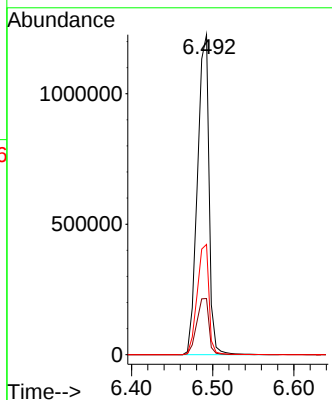
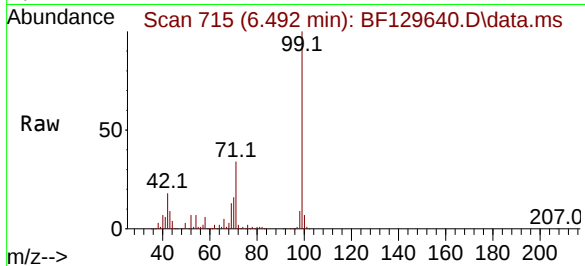




#7
Phenol-d6
Concen: 96.155 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

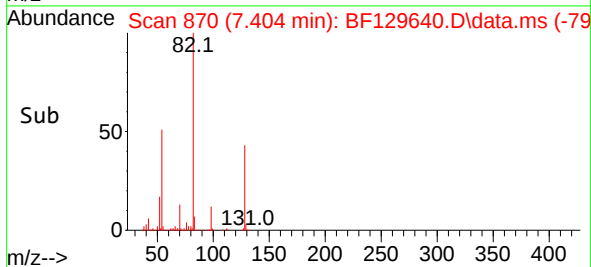
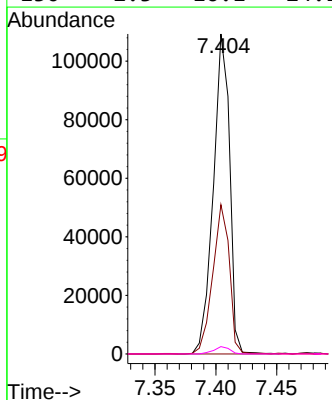
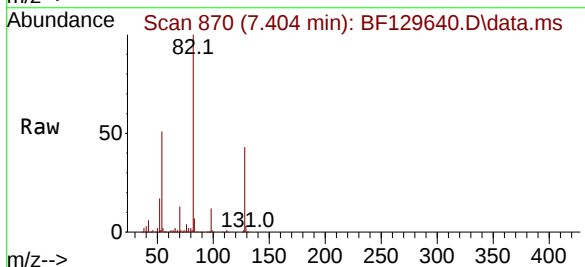
Instrument :
BNA_F
ClientSampleId :
PSC-164717

Tgt Ion: 99 Resp: 1217105
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 34.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.346 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

Tgt Ion: 70 Resp: 102271
Ion Ratio Lower Upper
70 100
42 46.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



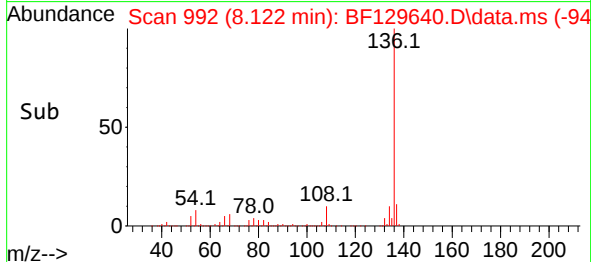
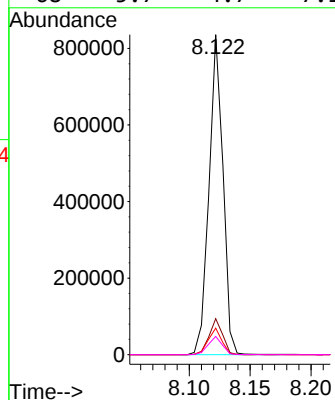
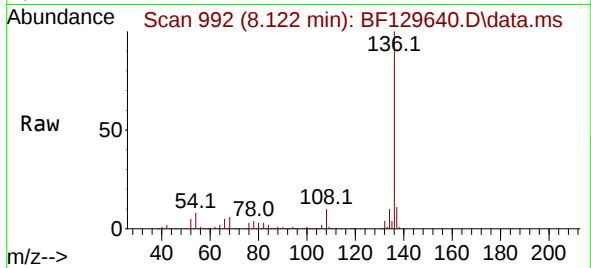


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
PSC-164717

Tgt Ion:136 Resp: 667677

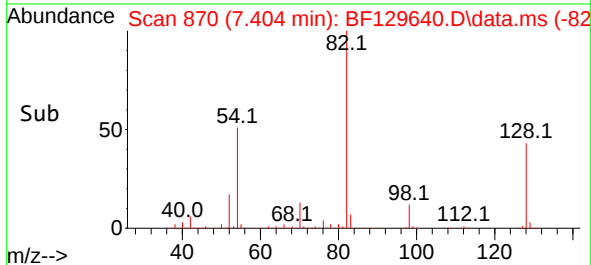
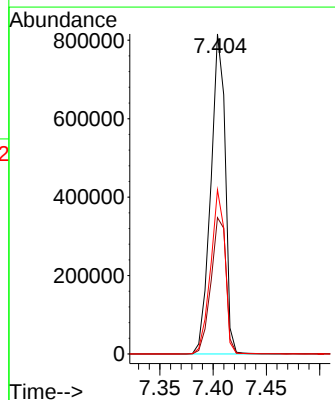
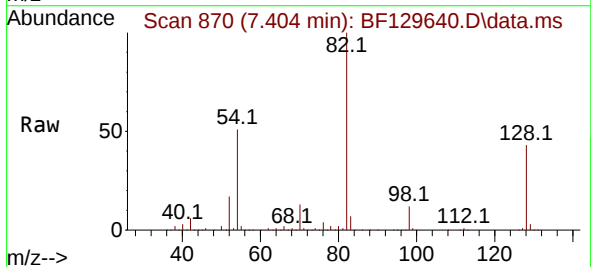
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 63.209 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

Tgt Ion: 82 Resp: 773110

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	51.3	46.9	70.3

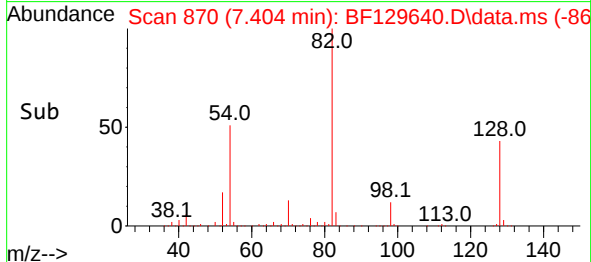
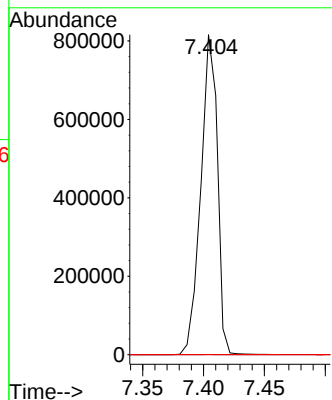
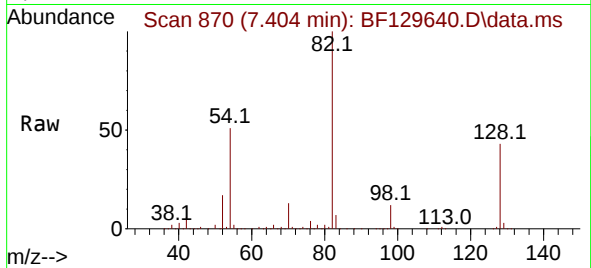




#25
Isophorone
Concen: 35.142 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

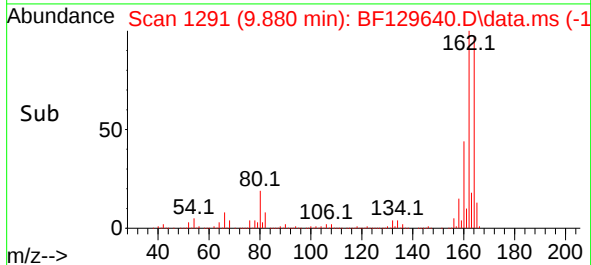
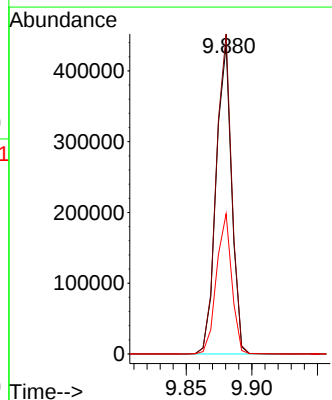
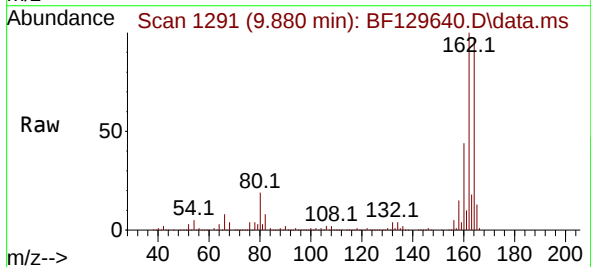
Instrument :
BNA_F
ClientSampleId :
PSC-164717

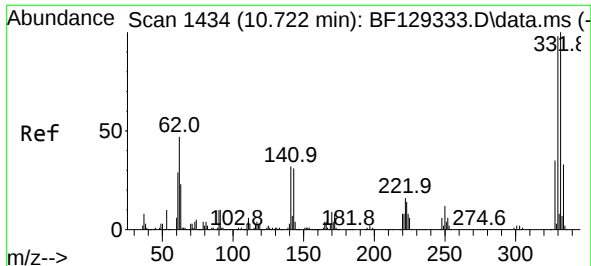
Tgt Ion: 82 Resp: 770451
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

Tgt Ion:164 Resp: 359894
Ion Ratio Lower Upper
164 100
162 103.5 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.816 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129640.D

Acq: 08 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PSC-164717

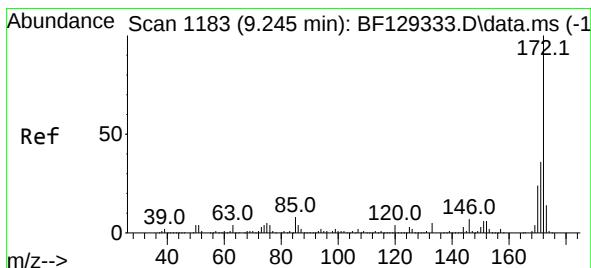
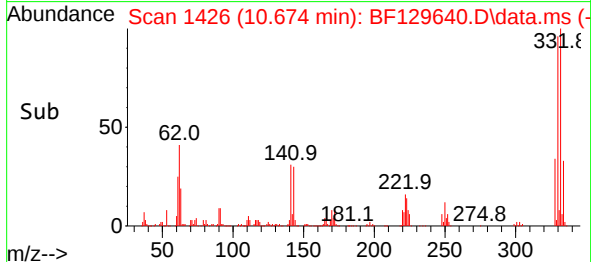
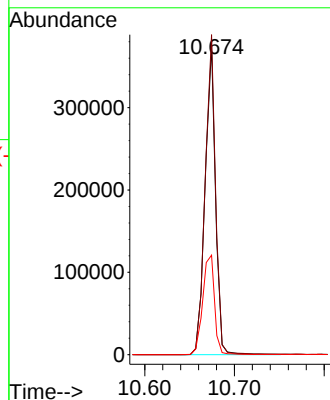
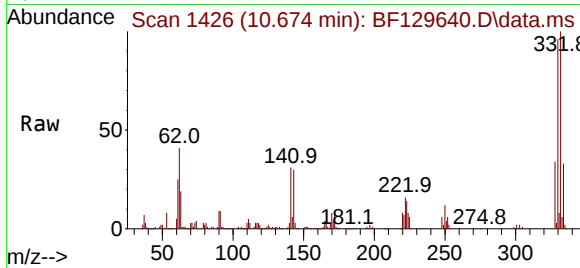
Tgt Ion:330 Resp: 303853

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.780 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129640.D

Acq: 08 Aug 2022 19:58

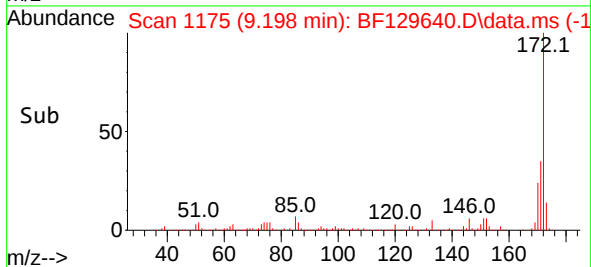
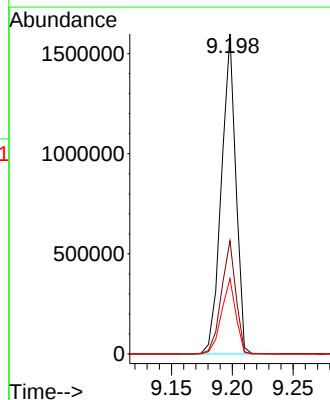
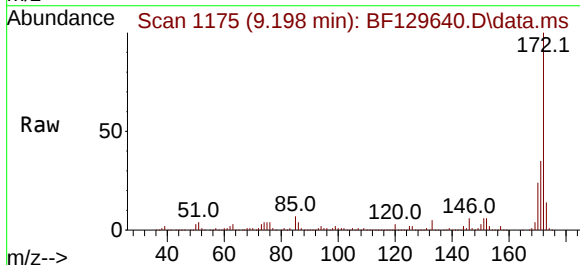
Tgt Ion:172 Resp: 1320969

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.505 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129640.D

Acq: 08 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PSC-164717

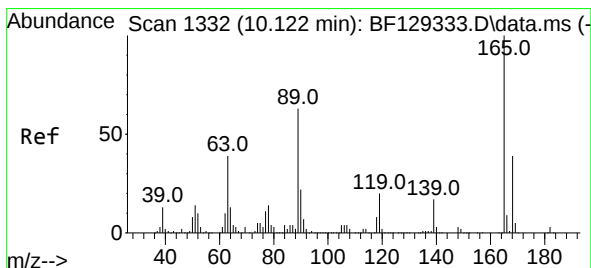
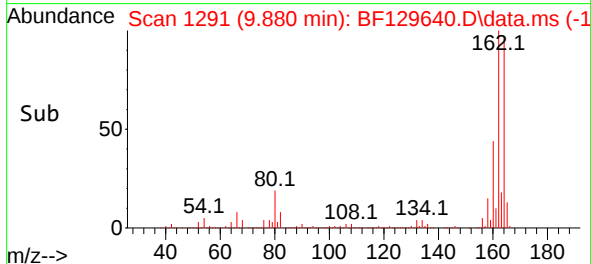
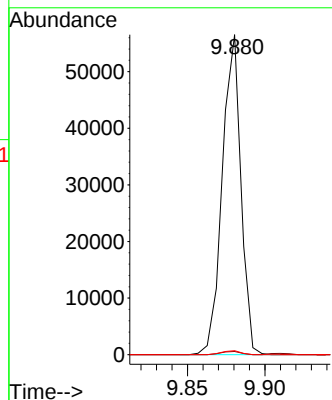
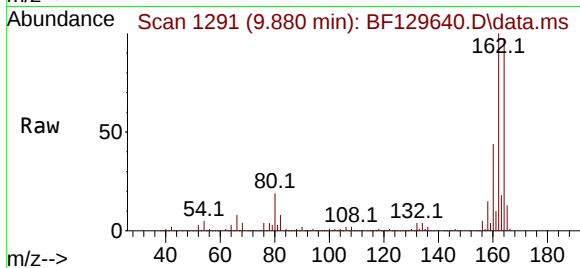
Tgt Ion:165 Resp: 47294

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.511 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129640.D

Acq: 08 Aug 2022 19:58

Tgt Ion:165 Resp: 47294

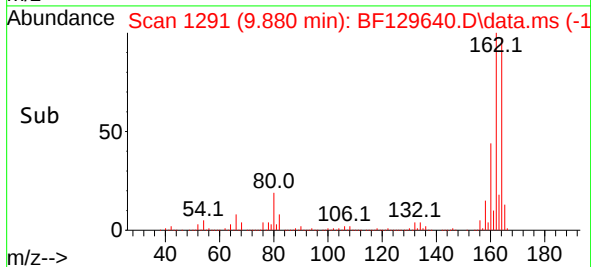
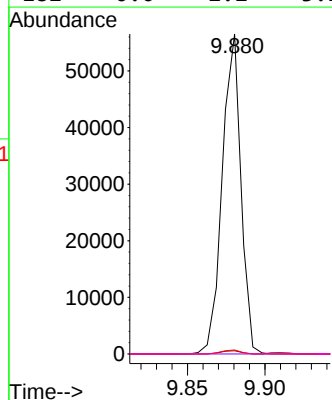
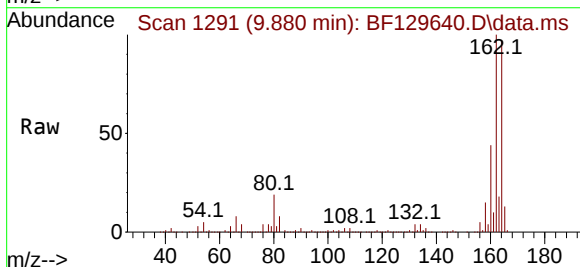
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

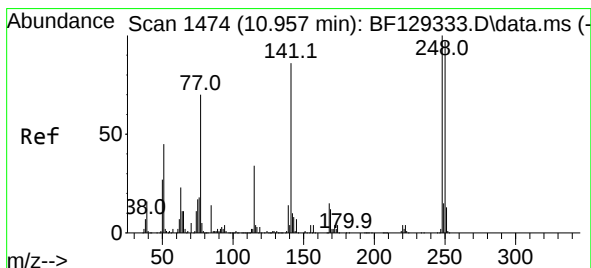
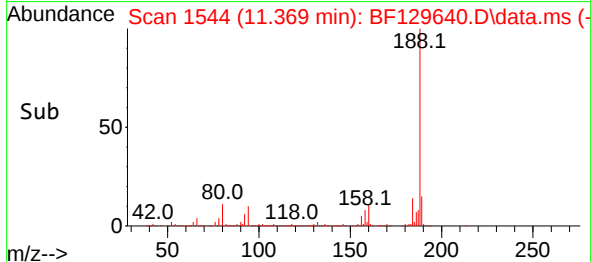
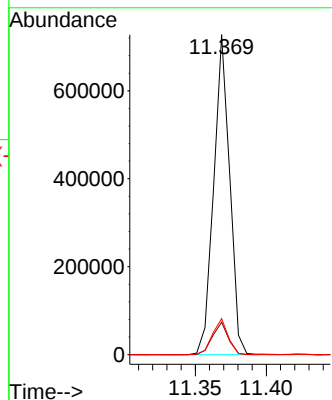
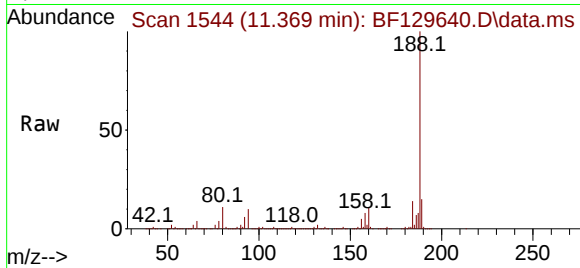




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

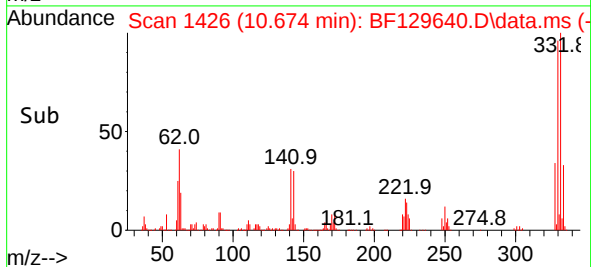
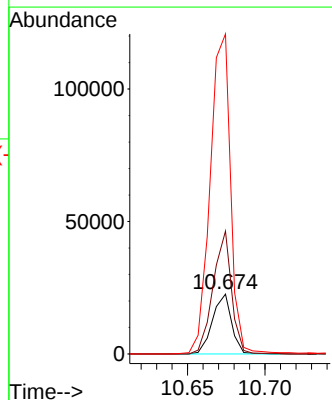
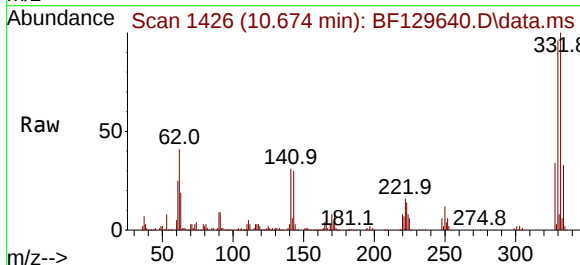
Instrument :
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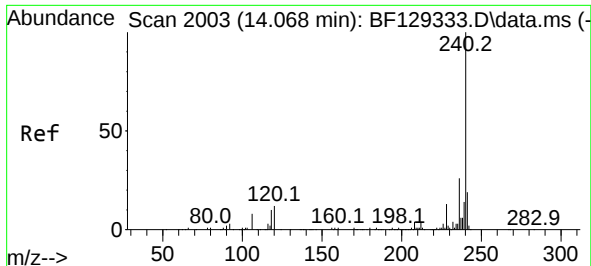
Tgt Ion:188 Resp: 569467
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 11.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.105 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

Tgt Ion:248 Resp: 19363
Ion Ratio Lower Upper
248 100
250 205.1 80.6 120.8#
141 534.1 58.9 88.3#

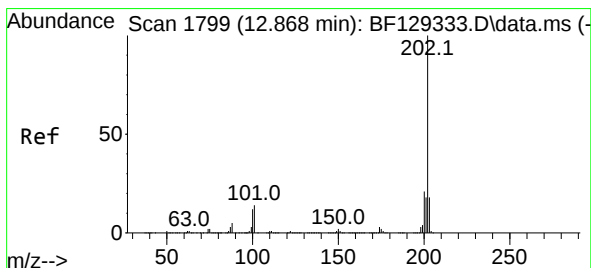
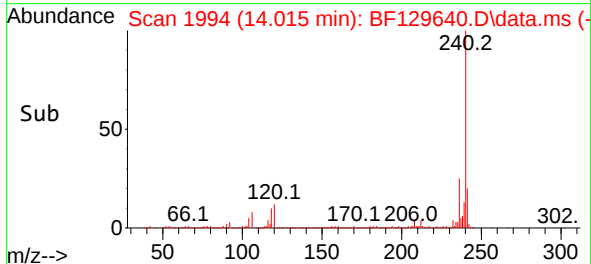
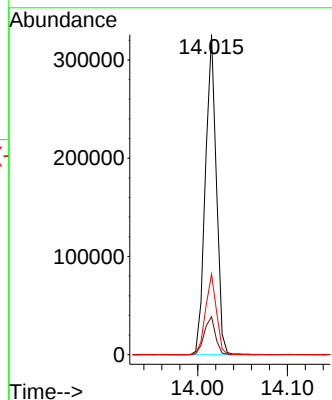
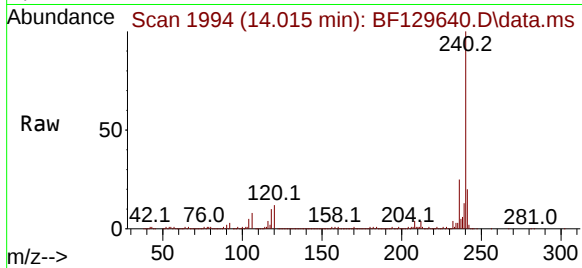




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

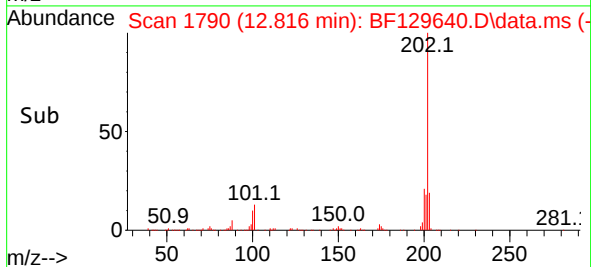
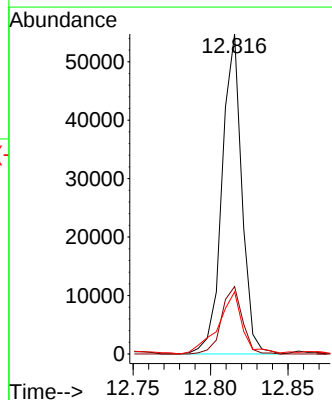
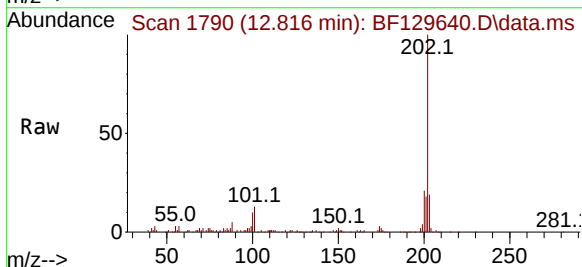
Instrument :
BNA_F
ClientSampleId :
PSC-164717

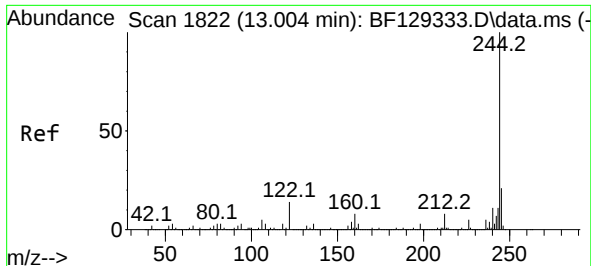
Tgt Ion:240 Resp: 276297
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.2 20.8 31.2



#78
Pyrene
Concen: 2.103 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129640.D
Acq: 08 Aug 2022 19:58

Tgt Ion:202 Resp: 48591
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 19.4 14.6 21.8

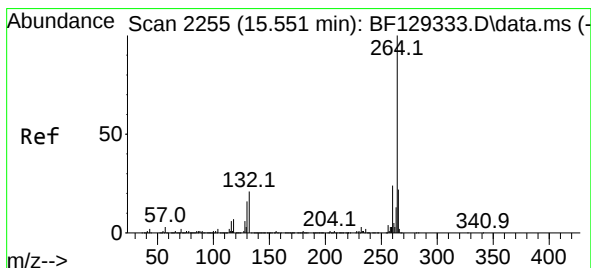
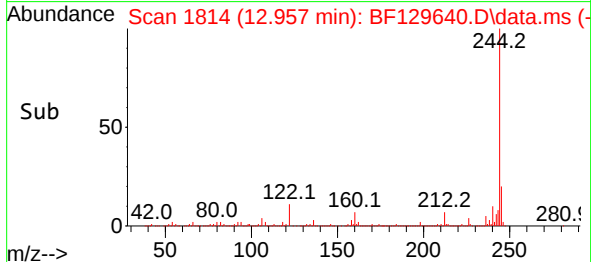
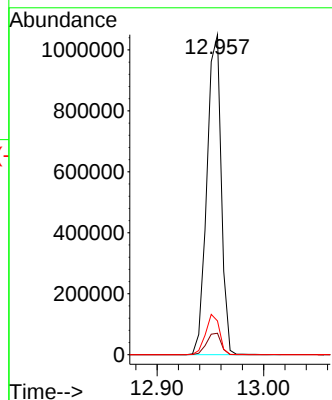
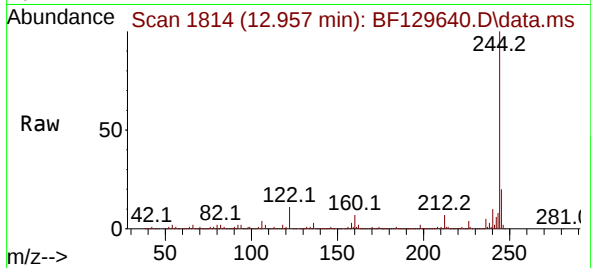




#79
 Terphenyl-d14
 Concen: 67.115 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129640.D
 Acq: 08 Aug 2022 19:58

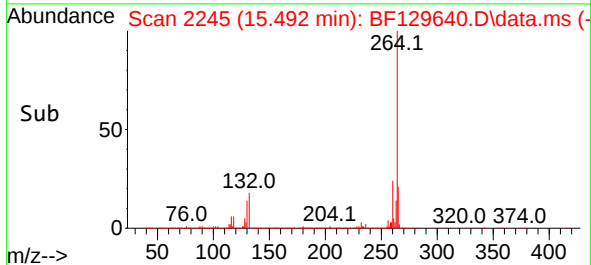
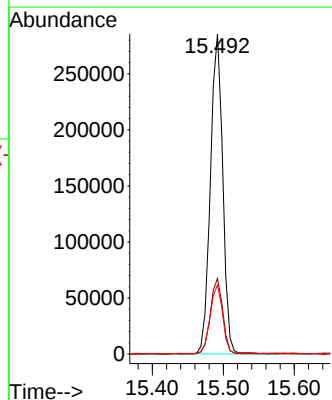
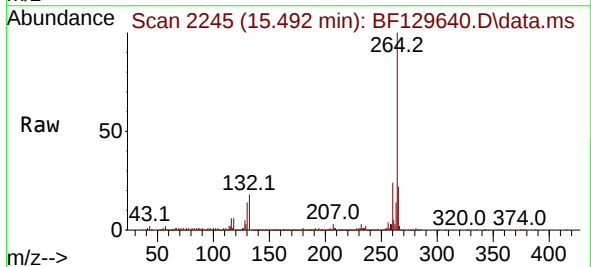
Instrument :
 BNA_F
 ClientSampleId :
 PSC-164717

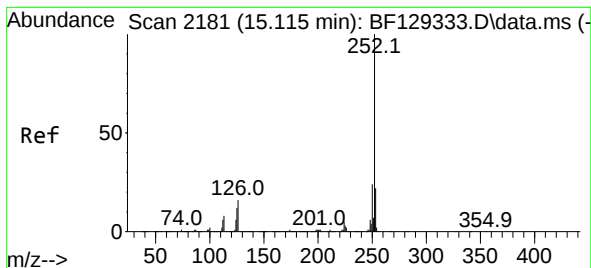
Tgt Ion:244 Resp: 982918
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF129640.D
 Acq: 08 Aug 2022 19:58

Tgt Ion:264 Resp: 345940
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.003 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129640.D

Acq: 08 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

PSC-164717

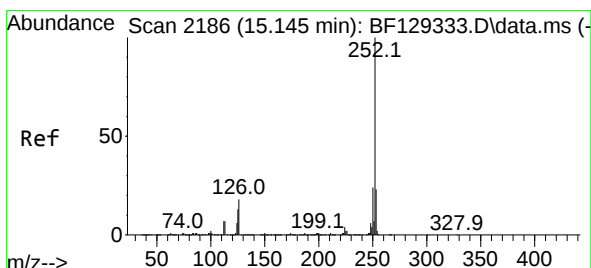
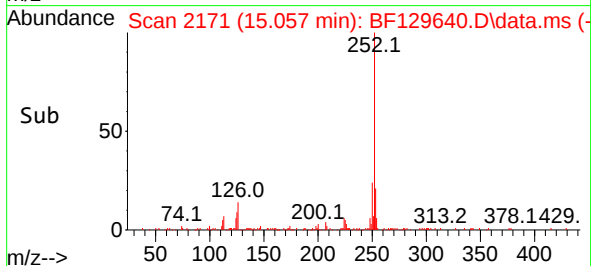
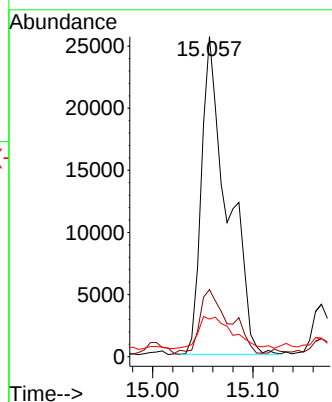
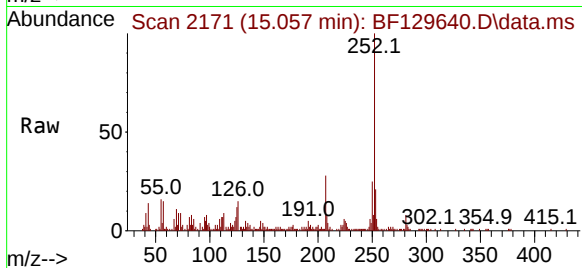
Tgt Ion:252 Resp: 45972

Ion Ratio Lower Upper

252 100

253 20.9 17.7 26.5

125 11.8 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 2.044 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.047 min

Lab File: BF129640.D

Acq: 08 Aug 2022 19:58

Tgt Ion:252 Resp: 45972

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

125 11.8 8.3 12.5

