

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127965.D
 Acq On : 28 Apr 2022 00:41
 Operator : CG\JU
 Sample : N2564-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124019

Quant Time: Apr 28 05:18:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

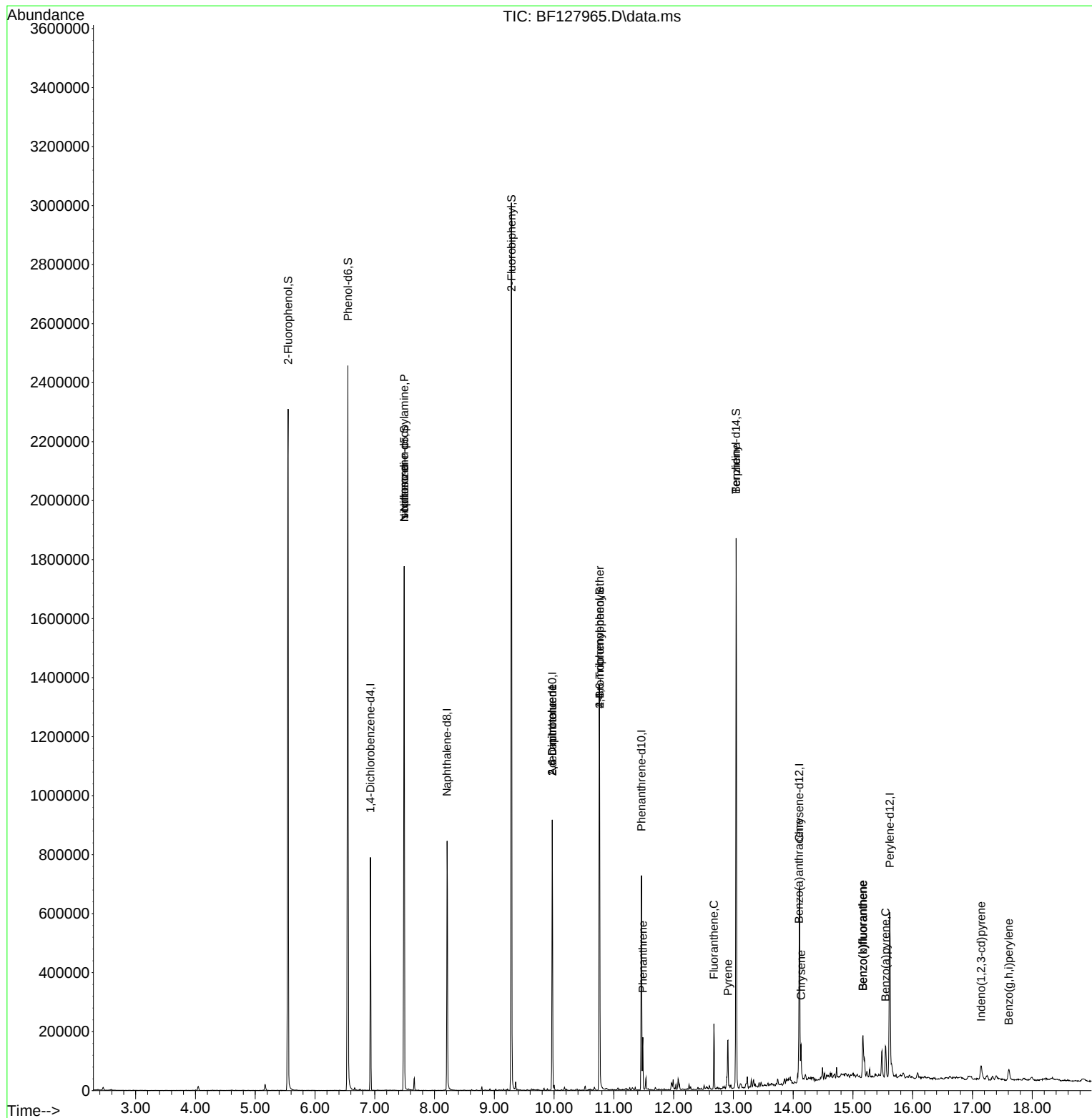
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	98137	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	360592	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	179881	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	263446	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	206158	20.000	ng	-0.01
86) Perylene-d12	15.615	264	255530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	612460	99.404	ng	0.00
7) Phenol-d6	6.551	99	792588	99.138	ng	-0.01
23) Nitrobenzene-d5	7.492	82	564877	73.665	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	154973	85.582	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	864534	81.308	ng	0.00
79) Terphenyl-d14	13.045	244	614456	54.500	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	75893	15.507	ng	# 81
25) Isophorone	7.492	82	564872	43.768	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	23034	8.819	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	23034	6.658	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	9901	3.390	ng	# 1
71) Phenanthrene	11.486	178	60427	4.382	ng	98
75) Fluoranthene	12.674	202	82806	5.705	ng	97
77) Benzidine	13.045	184	8389	2.151	ng	# 89
78) Pyrene	12.910	202	71415	4.291	ng	98
81) Benzo(a)anthracene	14.098	228	46963	3.418	ng	95
83) Chrysene	14.133	228	51015	3.887	ng	96
87) Indeno(1,2,3-cd)pyrene	17.145	276	35723	2.094	ng	96
88) Benzo(b)fluoranthene	15.168	252	103526	6.450	ng	97
89) Benzo(k)fluoranthene	15.168	252	103526	6.403	ng	# 97
90) Benzo(a)pyrene	15.545	252	54442	4.089	ng	98
92) Benzo(g,h,i)perylene	17.609	276	32019	2.221	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127965.D
Acq On : 28 Apr 2022 00:41
Operator : CG\JU
Sample : N2564-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-124019

Quant Time: Apr 28 05:18:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

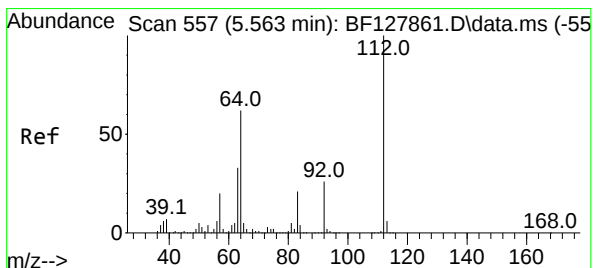
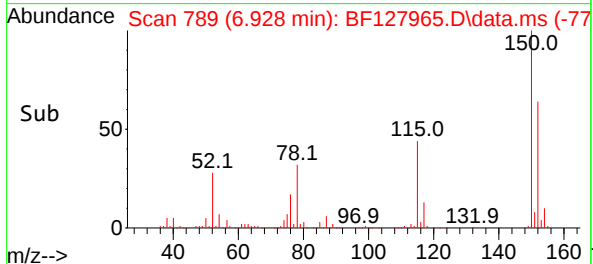
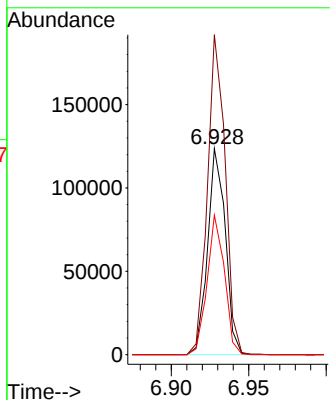
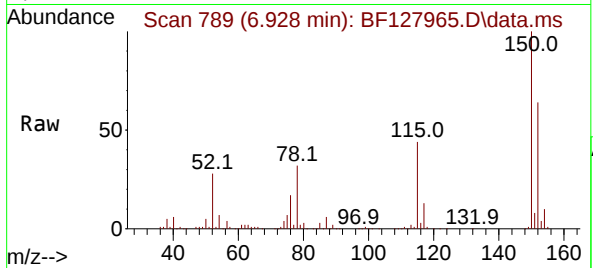




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF127965.D
 Acq: 28 Apr 2022 00:41

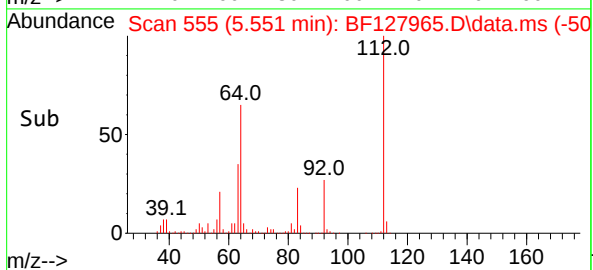
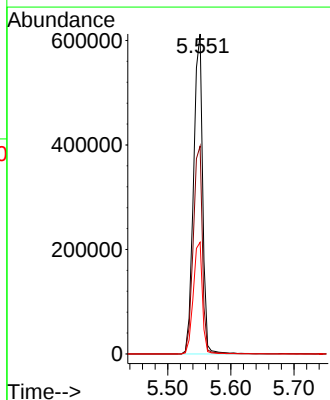
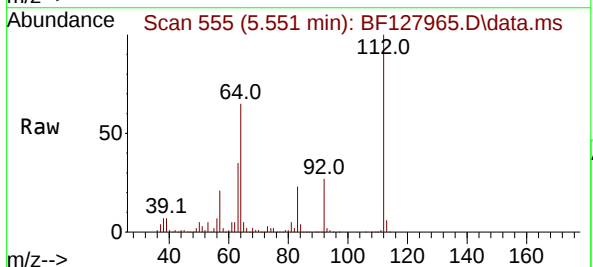
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124019

Tgt Ion:152 Resp: 98137
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.3 187.9
 115 67.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 99.404 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF127965.D
 Acq: 28 Apr 2022 00:41

Tgt Ion:112 Resp: 612460
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.5 74.3
 63 34.9 26.3 39.5

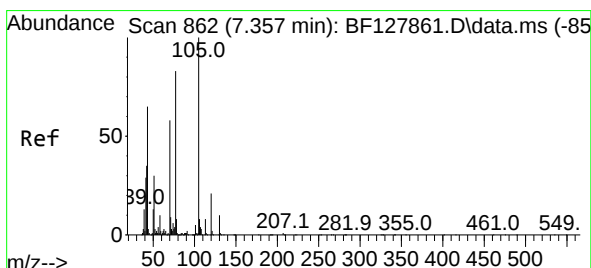
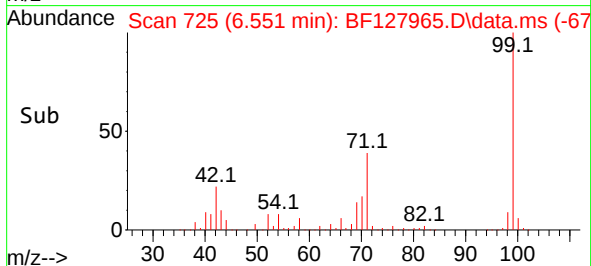
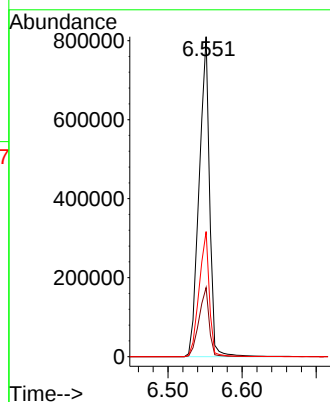
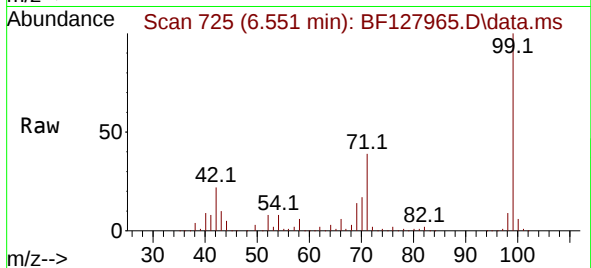




#7
Phenol-d6
Concen: 99.138 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

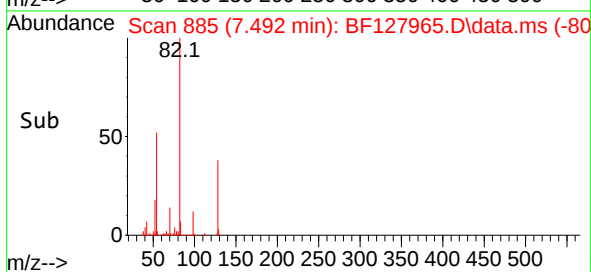
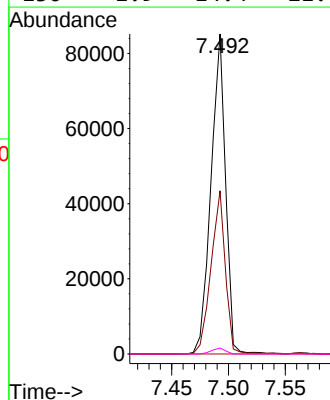
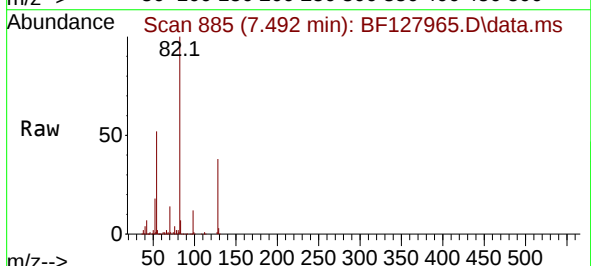
Instrument :
BNA_F
ClientSampleId :
PSC-124019

Tgt Ion: 99 Resp: 792588
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 39.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.507 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion: 70 Resp: 75893
Ion Ratio Lower Upper
70 100
42 51.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#



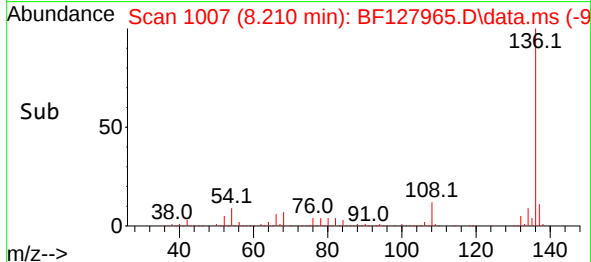
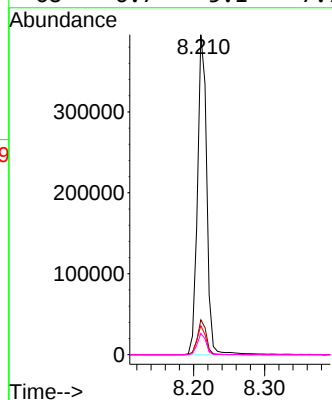
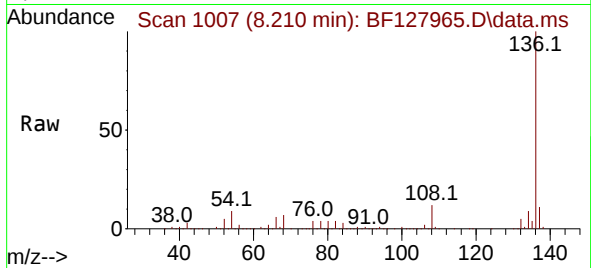


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Instrument :
BNA_F
ClientSampleId :
PSC-124019

Tgt Ion:136 Resp: 360592

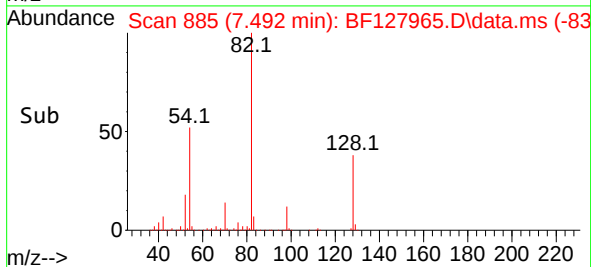
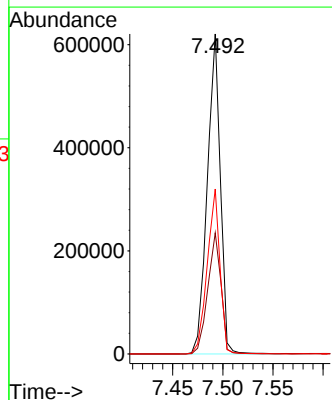
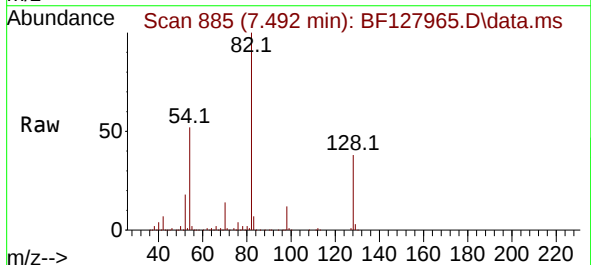
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 73.665 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion: 82 Resp: 564877

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.5	41.3	61.9

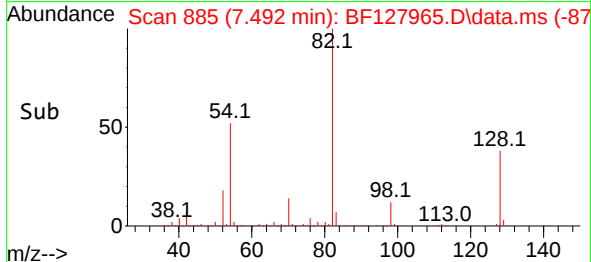
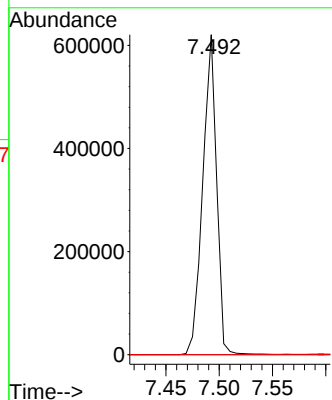
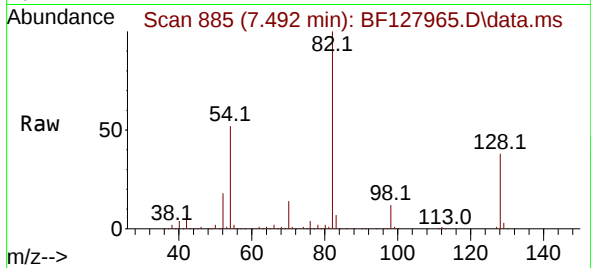




#25
Isophorone
Concen: 43.768 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

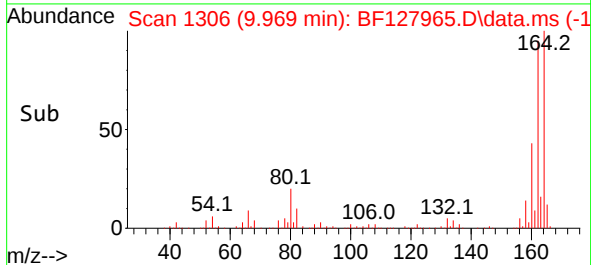
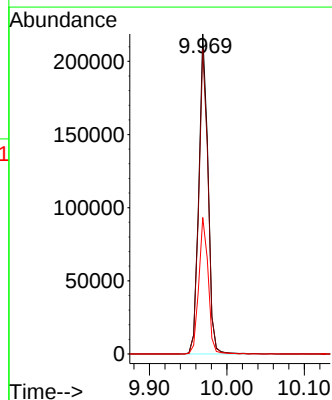
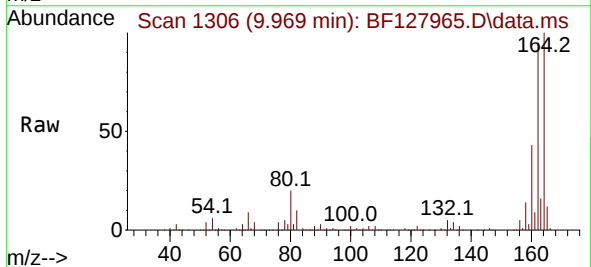
Instrument :
BNA_F
ClientSampleId :
PSC-124019

Tgt Ion: 82 Resp: 564872
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion: 164 Resp: 179881
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 42.7 34.8 52.2

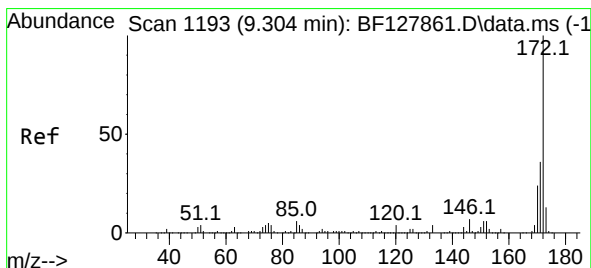
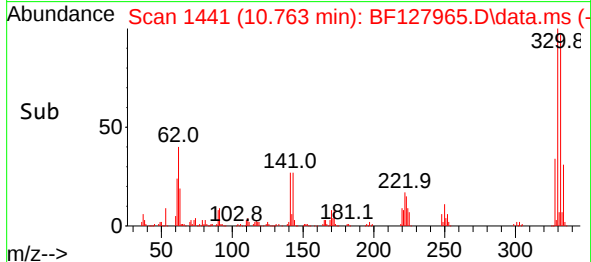
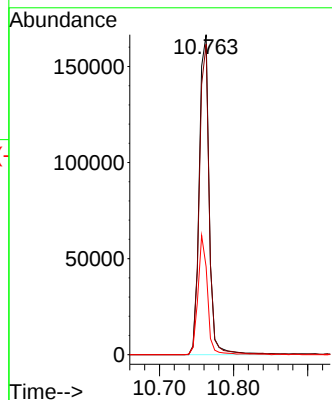
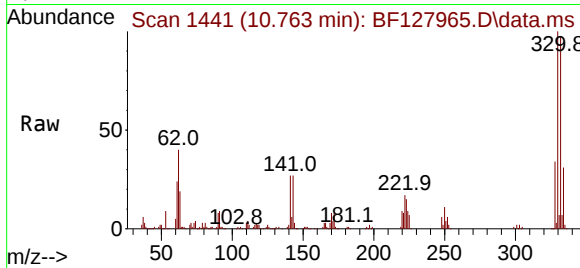




#42
 2,4,6-Tribromophenol
 Concen: 85.582 ng
 RT: 10.763 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF127965.D
 Acq: 28 Apr 2022 00:41

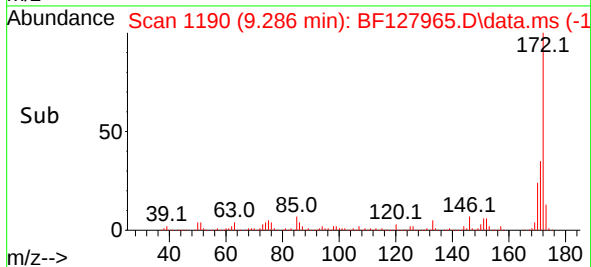
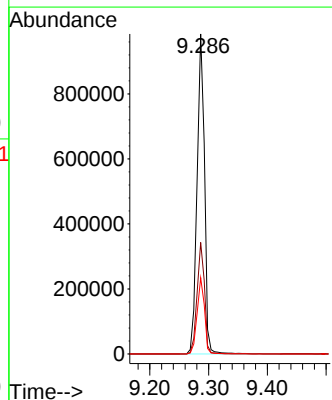
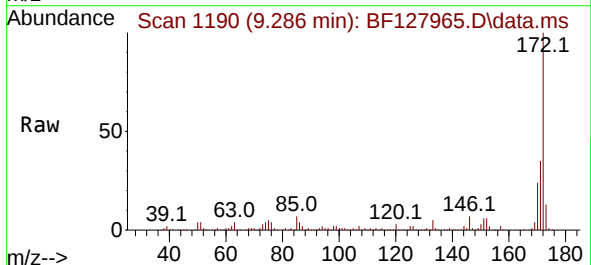
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124019

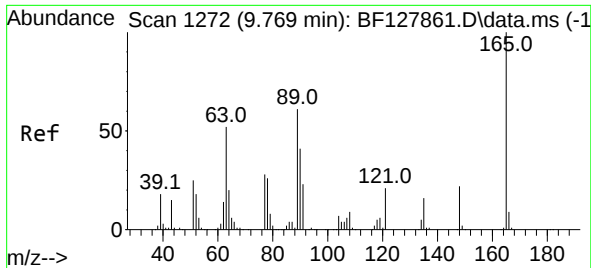
Tgt Ion: 330 Resp: 154973
 Ion Ratio Lower Upper
 330 100
 332 95.1 79.0 118.4
 141 35.5 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 81.308 ng
 RT: 9.286 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BF127965.D
 Acq: 28 Apr 2022 00:41

Tgt Ion: 172 Resp: 864534
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.8 19.1 28.7

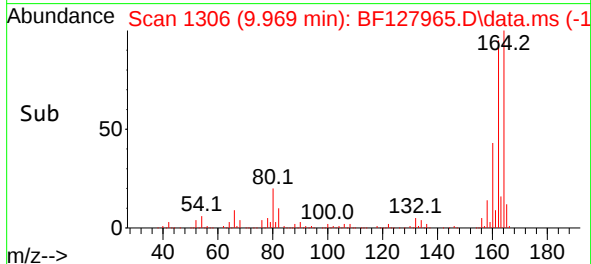
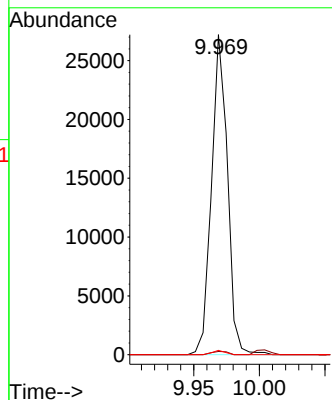
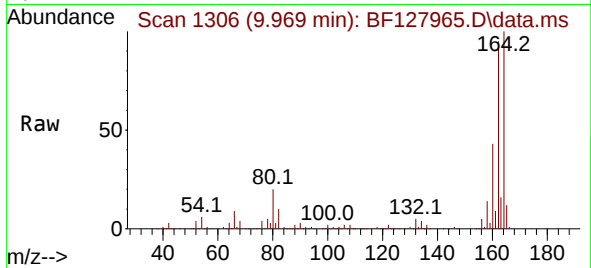




#51
2,6-Dinitrotoluene
Concen: 8.819 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

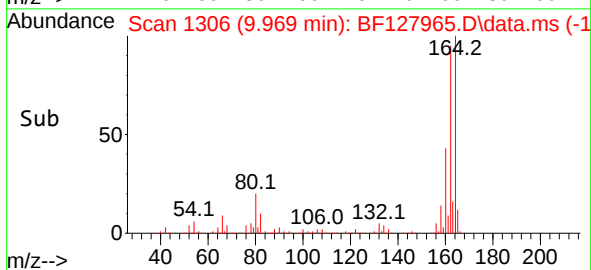
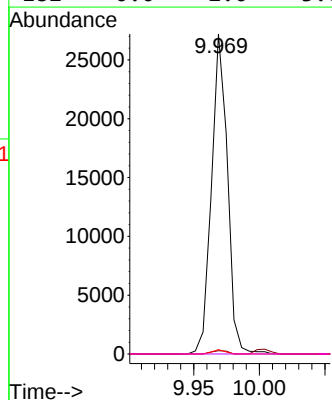
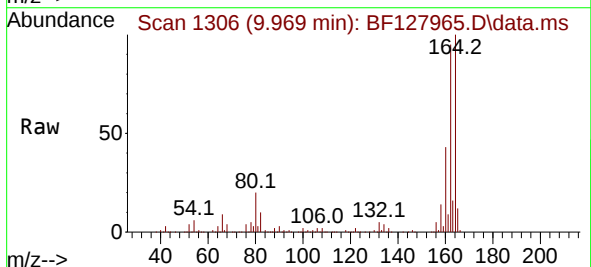
Instrument :
BNA_F
ClientSampleId :
PSC-124019

Tgt Ion:165 Resp: 23034
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.658 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion:165 Resp: 23034
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

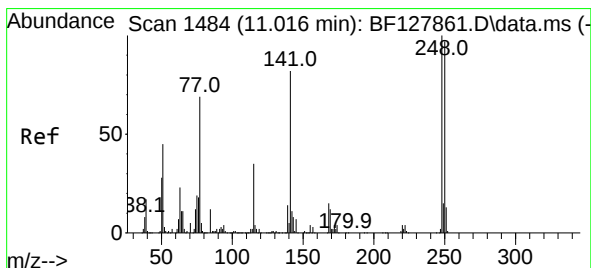
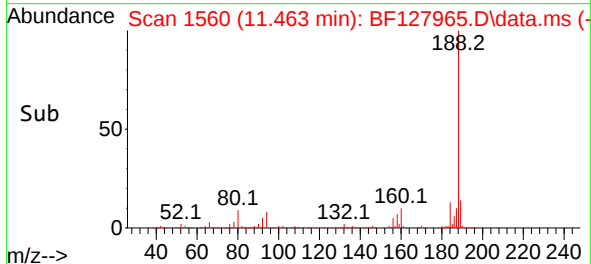
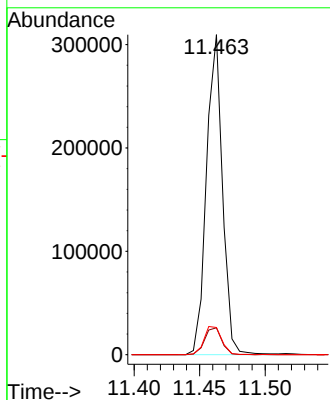
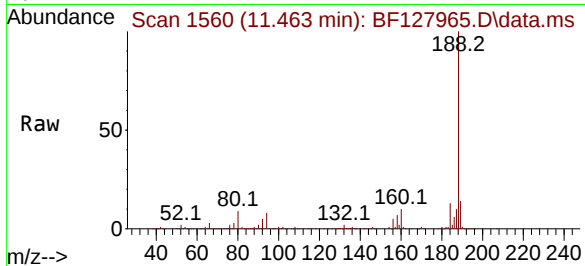




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

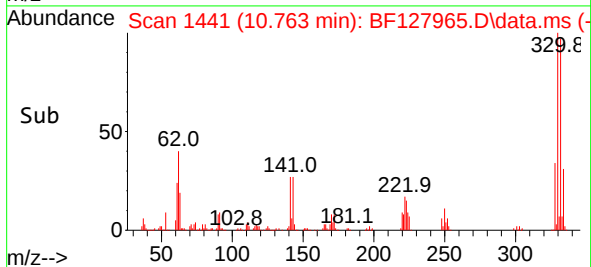
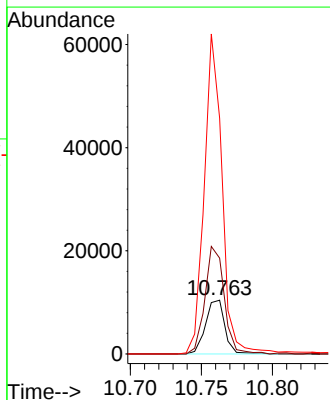
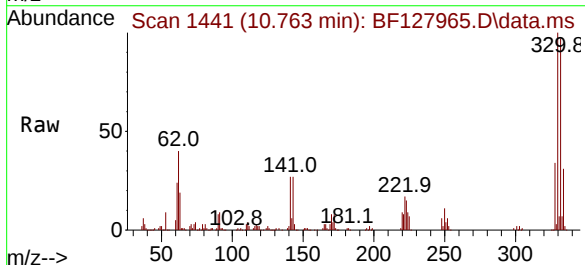
Instrument :
BNA_F
ClientSampleId :
PSC-124019

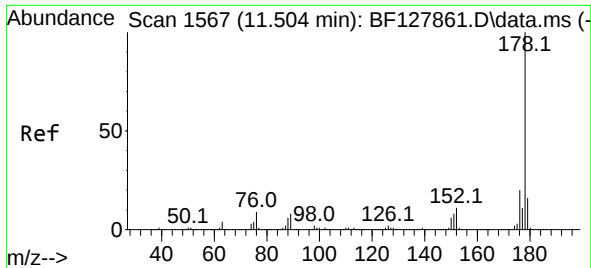
Tgt Ion:188 Resp: 263446
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.5 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion:248 Resp: 9901
Ion Ratio Lower Upper
248 100
250 178.2 77.7 116.5#
141 437.9 65.6 98.4#

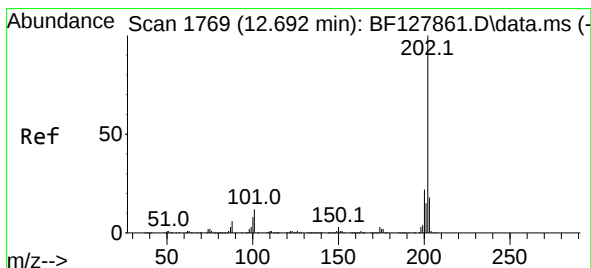
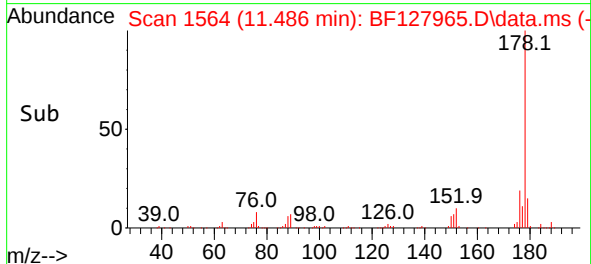
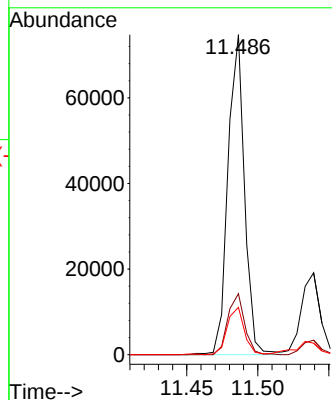
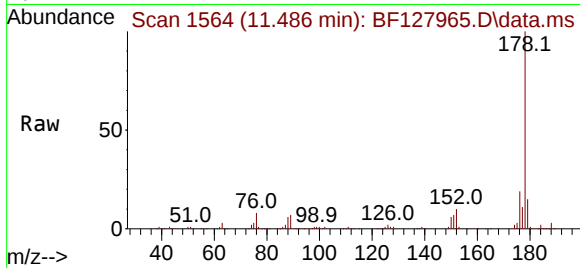




#71
Phenanthrene
Concen: 4.382 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

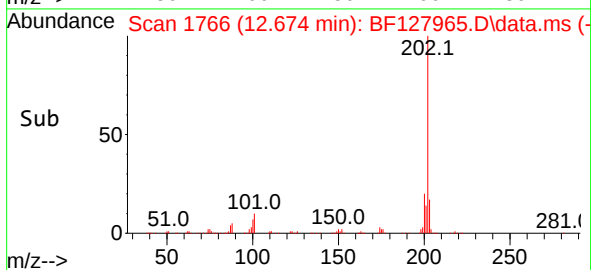
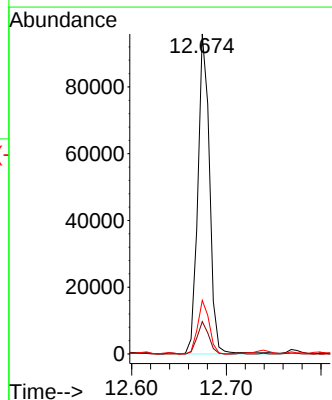
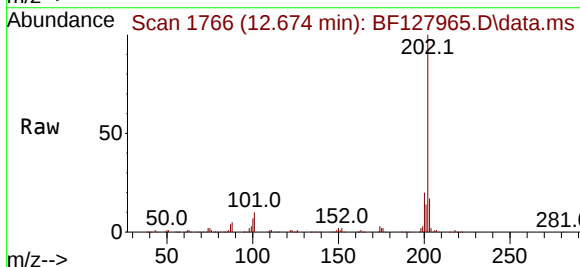
Instrument :
BNA_F
ClientSampleId :
PSC-124019

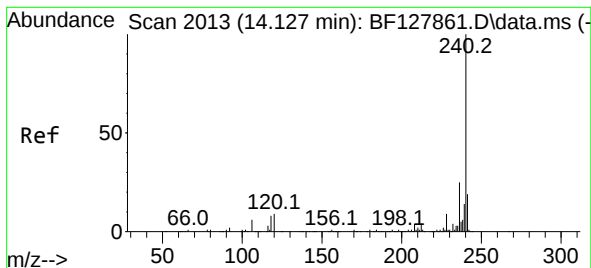
Tgt Ion:178 Resp: 60427
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.8 12.6 19.0



#75
Fluoranthene
Concen: 5.705 ng
RT: 12.674 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion:202 Resp: 82806
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.6
203 16.8 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

Instrument :

BNA_F

ClientSampleId :

PSC-124019

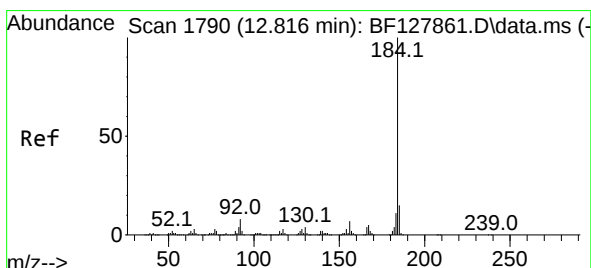
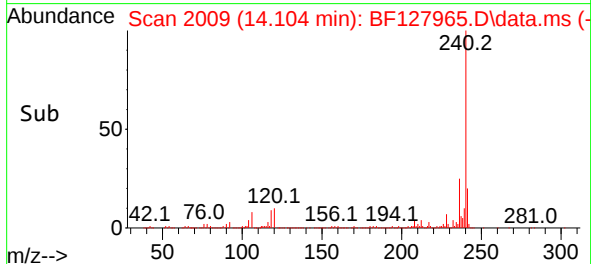
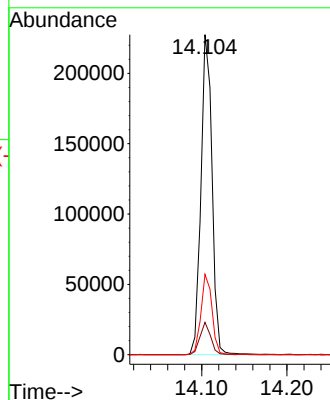
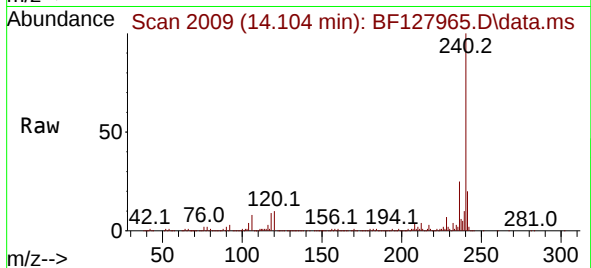
Tgt Ion:240 Resp: 206158

Ion Ratio Lower Upper

240 100

120 10.1 7.0 10.6

236 25.1 20.3 30.5



#77

Benzidine

Concen: 2.151 ng

RT: 13.045 min Scan# 1829

Delta R.T. 0.241 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

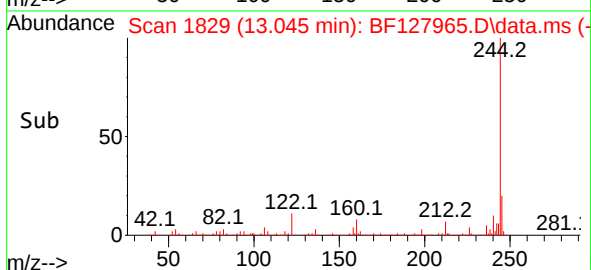
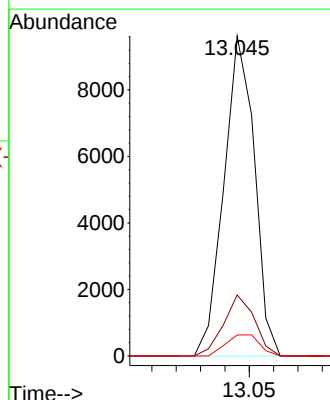
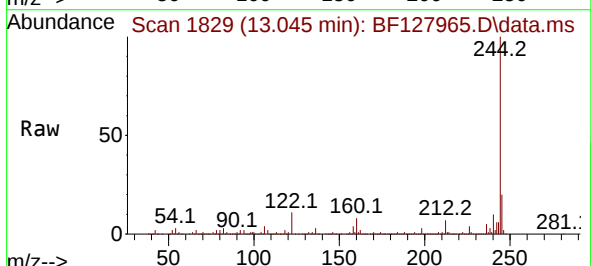
Tgt Ion:184 Resp: 8389

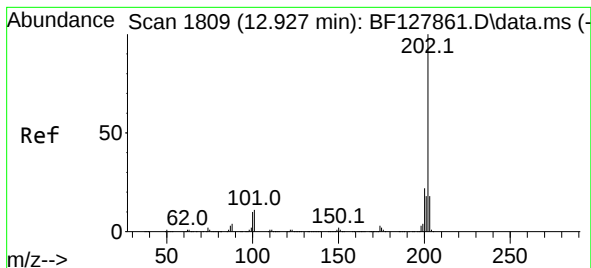
Ion Ratio Lower Upper

184 100

185 19.0 12.1 18.1#

183 6.6 9.0 13.4#





#78

Pyrene

Concen: 4.291 ng

RT: 12.910 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

Instrument :

BNA_F

ClientSampleId :

PSC-124019

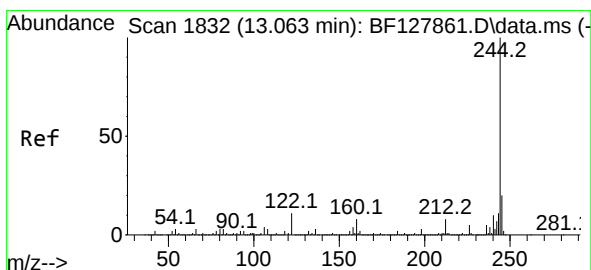
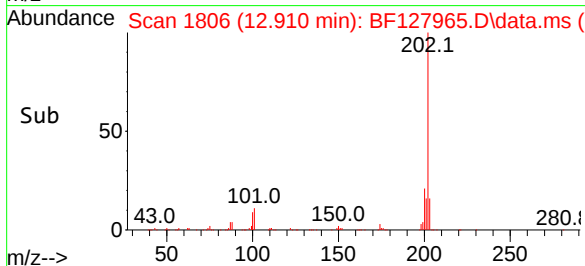
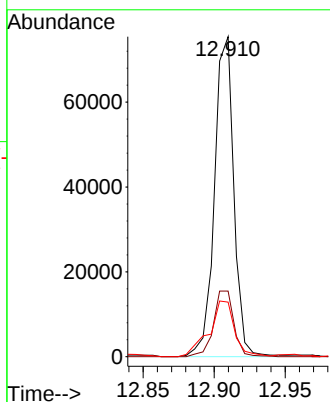
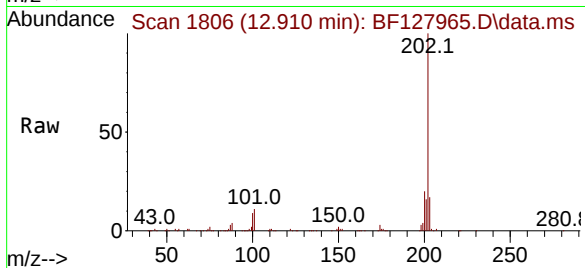
Tgt Ion:202 Resp: 71415

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

203 17.1 14.0 21.0



#79

Terphenyl-d14

Concen: 54.500 ng

RT: 13.045 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

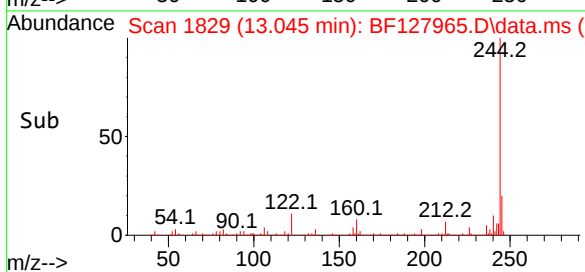
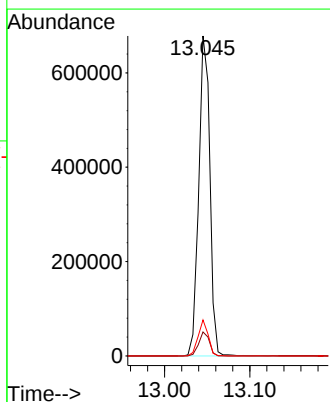
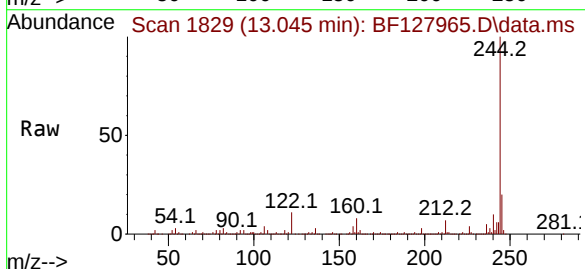
Tgt Ion:244 Resp: 614456

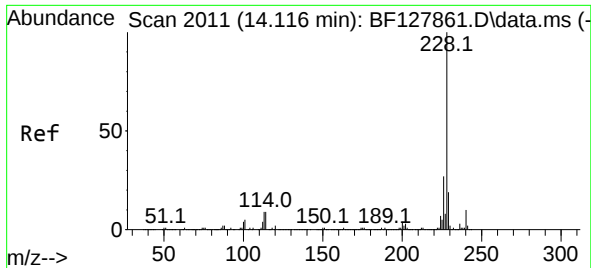
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 11.2 8.6 12.8

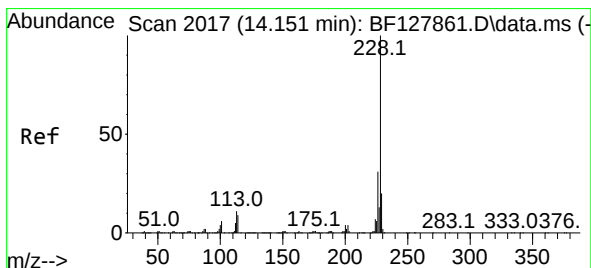
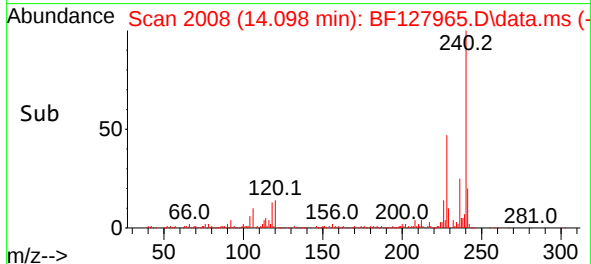
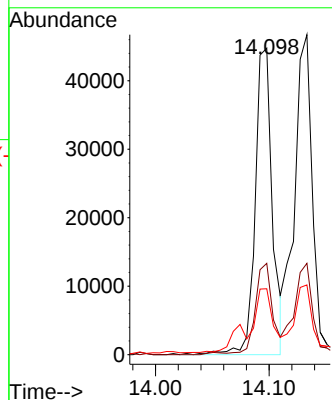
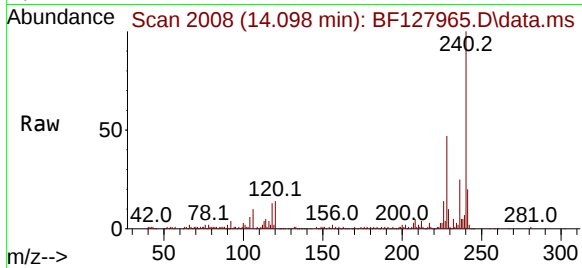




#81
Benzo(a)anthracene
Concen: 3.418 ng
RT: 14.098 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

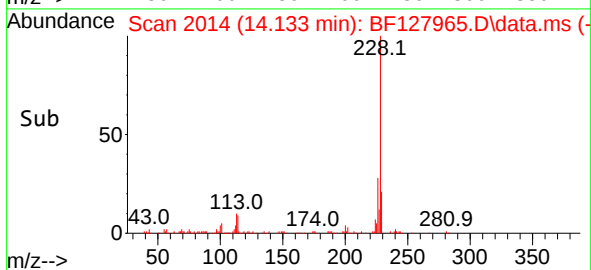
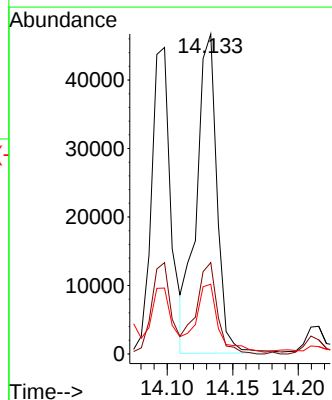
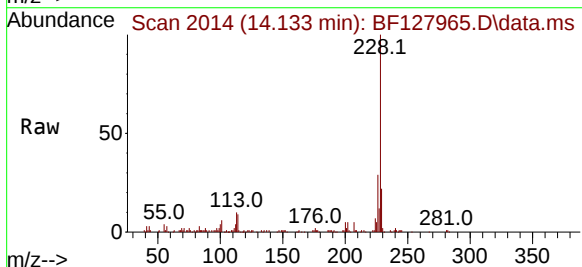
Instrument :
BNA_F
ClientSampleId :
PSC-124019

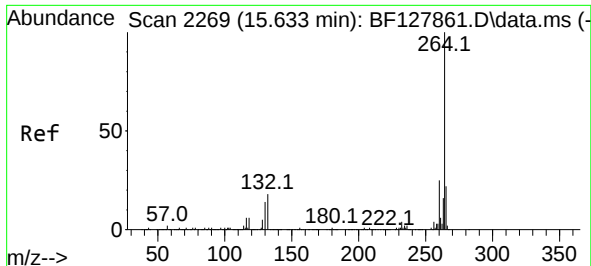
Tgt Ion:228 Resp: 46963
Ion Ratio Lower Upper
228 100
226 29.8 21.7 32.5
229 21.5 15.4 23.2



#83
Chrysene
Concen: 3.887 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion:228 Resp: 51015
Ion Ratio Lower Upper
228 100
226 28.6 24.4 36.6
229 21.8 15.8 23.8

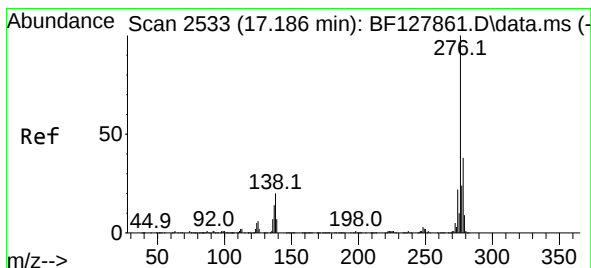
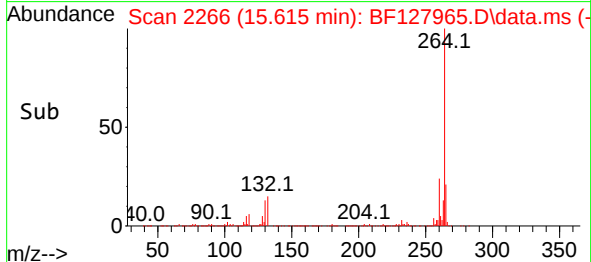
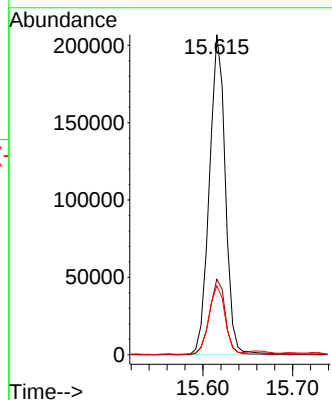
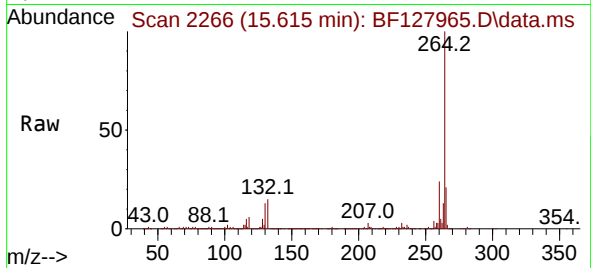




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

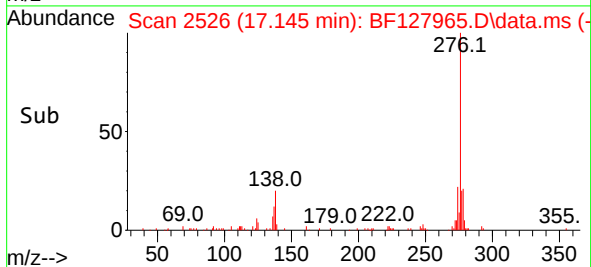
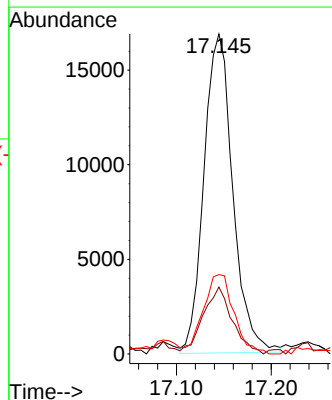
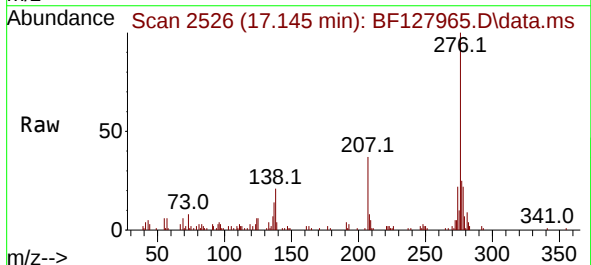
Instrument :
BNA_F
ClientSampleId :
PSC-124019

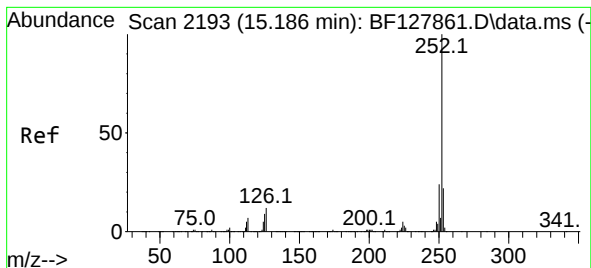
Tgt Ion:264 Resp: 255530
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.5 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.094 ng
RT: 17.145 min Scan# 2526
Delta R.T. -0.023 min
Lab File: BF127965.D
Acq: 28 Apr 2022 00:41

Tgt Ion:276 Resp: 35723
Ion Ratio Lower Upper
276 100
138 21.2 19.0 28.4
277 26.6 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 6.450 ng

RT: 15.168 min Scan# 2190

Delta R.T. -0.006 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

Instrument :

BNA_F

ClientSampleId :

PSC-124019

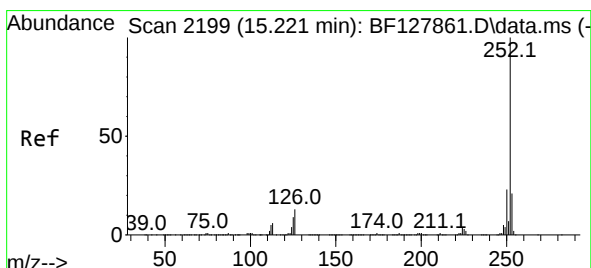
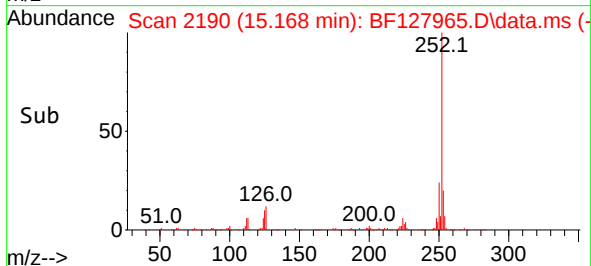
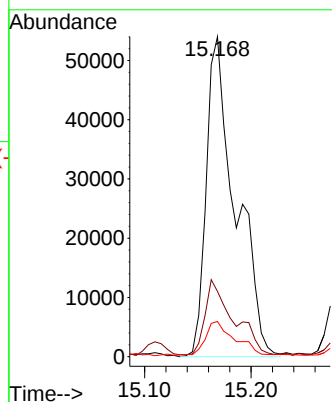
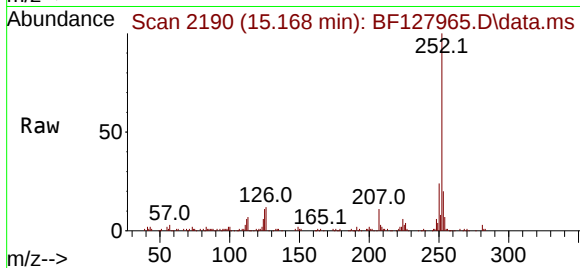
Tgt Ion:252 Resp: 103526

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

125 11.0 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 6.403 ng

RT: 15.168 min Scan# 2190

Delta R.T. -0.041 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

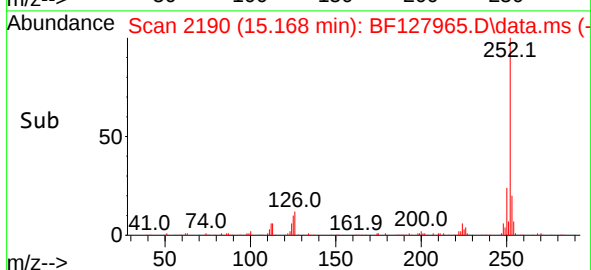
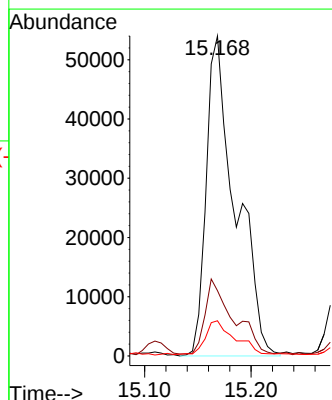
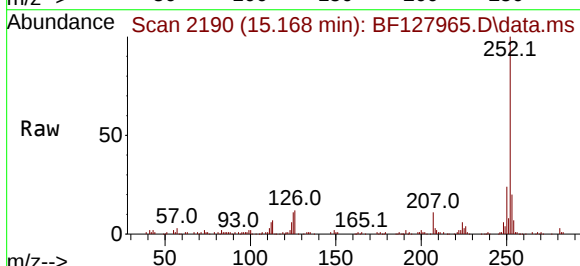
Tgt Ion:252 Resp: 103526

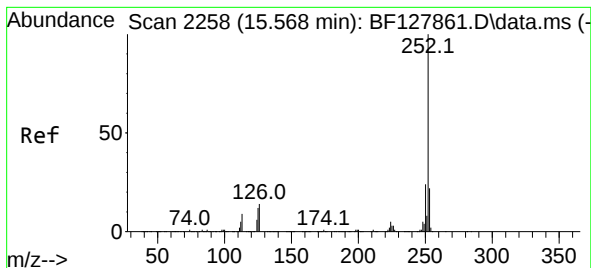
Ion Ratio Lower Upper

252 100

253 20.4 17.0 25.4

125 11.0 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 4.089 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

Instrument :

BNA_F

ClientSampleId :

PSC-124019

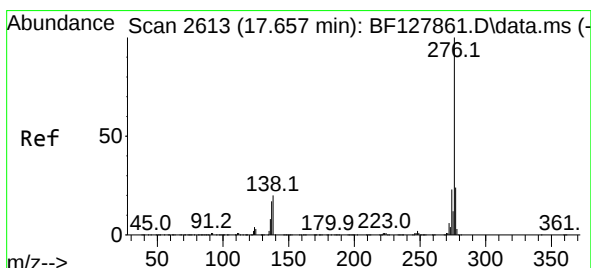
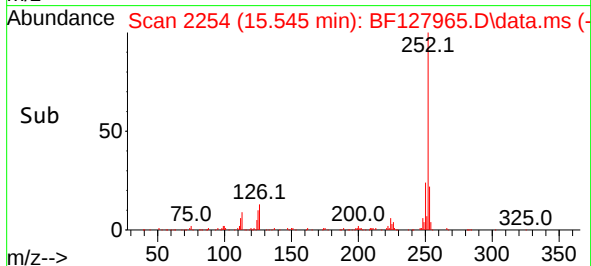
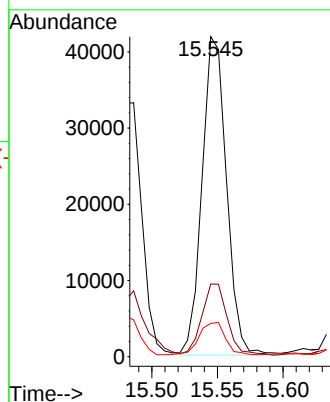
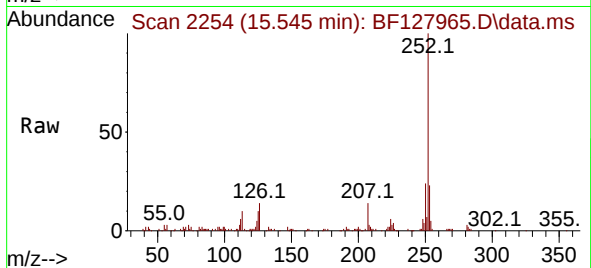
Tgt Ion:252 Resp: 54442

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.4 9.2 13.8



#92

Benzo(g,h,i)perylene

Concen: 2.221 ng

RT: 17.609 min Scan# 2605

Delta R.T. -0.029 min

Lab File: BF127965.D

Acq: 28 Apr 2022 00:41

Tgt Ion:276 Resp: 32019

Ion Ratio Lower Upper

276 100

277 21.7 18.8 28.2

138 21.3 16.2 24.2

