

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128774.D
 Acq On : 10 Jun 2022 22:43
 Operator : CG\JU
 Sample : N3267-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822RE

Quant Time: Jun 11 01:28:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

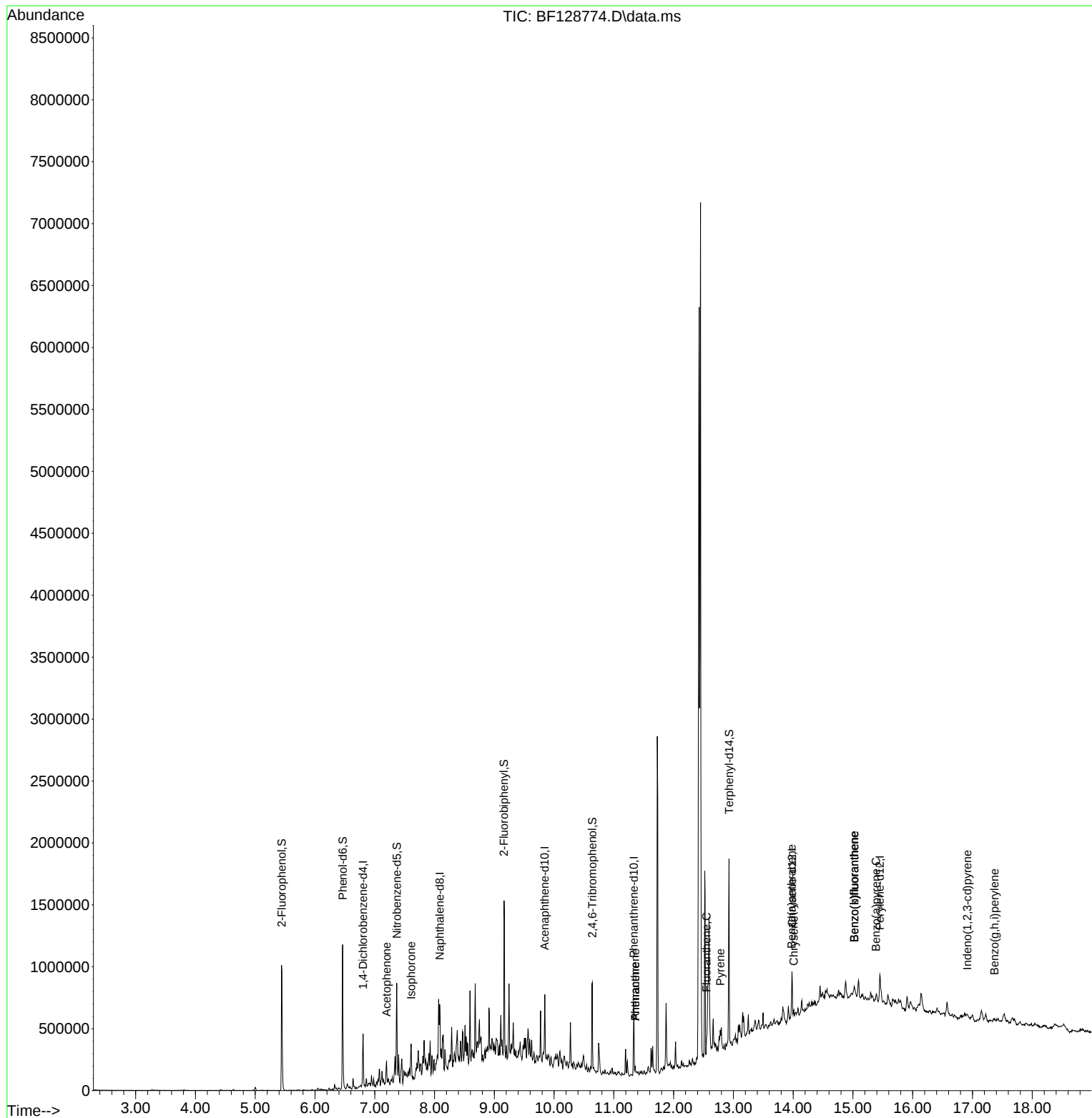
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	51910	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	170138	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	91800	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	187747	20.000	ng	0.00
76) Chrysene-d12	13.980	240	119635	20.000	ng	0.00
86) Perylene-d12	15.451	264	92521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	265378	81.430	ng	-0.01
7) Phenol-d6	6.463	99	304892	76.642	ng	-0.02
23) Nitrobenzene-d5	7.369	82	201702	55.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	86388	79.645	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	363666	55.493	ng	-0.01
79) Terphenyl-d14	12.927	244	476483	69.207	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	7.198	105	20549	4.618	ng	# 61
25) Isophorone	7.610	82	11435	2.060	ng	# 1
71) Phenanthrene	11.357	178	23411	2.486	ng	98
72) Anthracene	11.357	178	23411	2.512	ng	99
75) Fluoranthene	12.551	202	58596	5.953	ng	96
78) Pyrene	12.780	202	63070	7.086	ng	98
81) Benzo(a)anthracene	13.974	228	24714	3.314	ng	# 81
83) Chrysene	14.010	228	25253	3.552	ng	# 79
87) Indeno(1,2,3-cd)pyrene	16.915	276	13051	2.340	ng	92
88) Benzo(b)fluoranthene	15.021	252	36635	6.197	ng	# 65
89) Benzo(k)fluoranthene	15.021	252	36635	6.587	ng	# 66
90) Benzo(a)pyrene	15.386	252	19905	4.284	ng	# 60
92) Benzo(g,h,i)perylene	17.368	276	13932	3.039	ng	# 80

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128774.D
Acq On : 10 Jun 2022 22:43
Operator : CG\JU
Sample : N3267-01RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

Quant Time: Jun 11 01:28:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

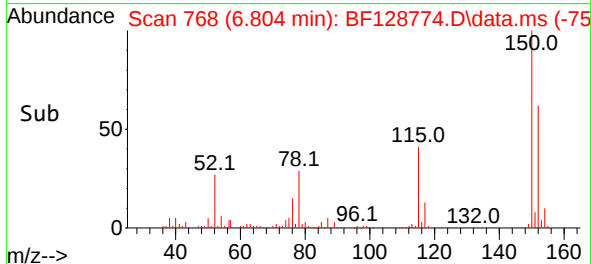
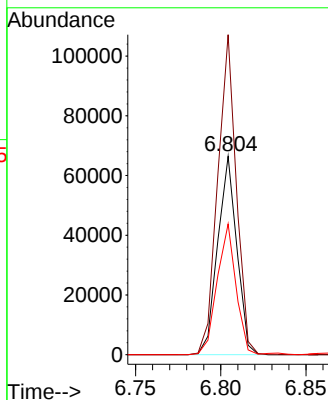
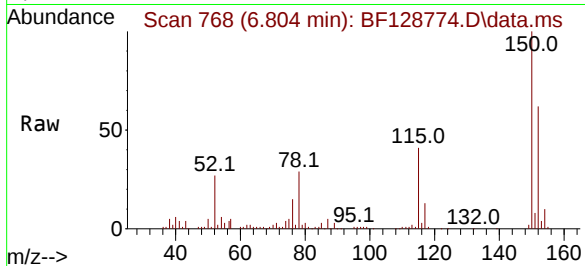




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

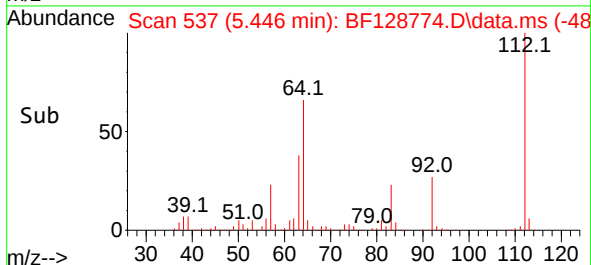
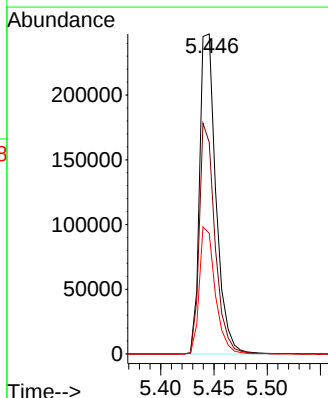
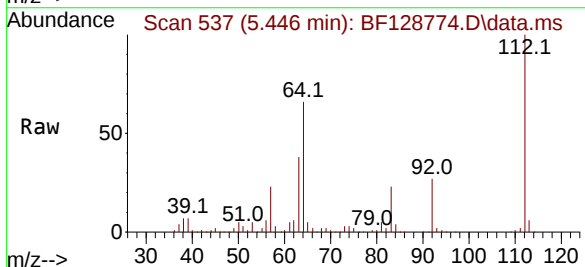
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

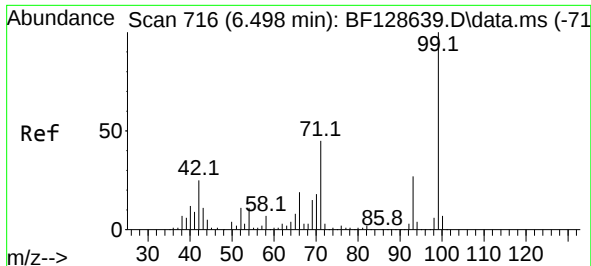
Tgt Ion:152 Resp: 51910
Ion Ratio Lower Upper
152 100
150 161.3 123.7 185.5
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 81.430 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:112 Resp: 265378
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 37.7 28.0 42.0

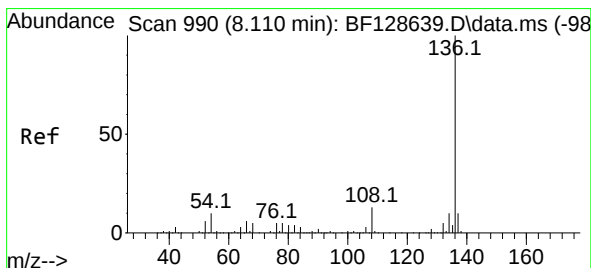
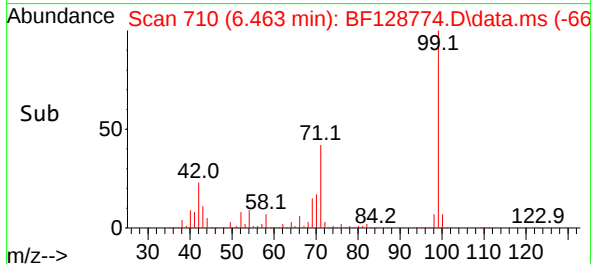
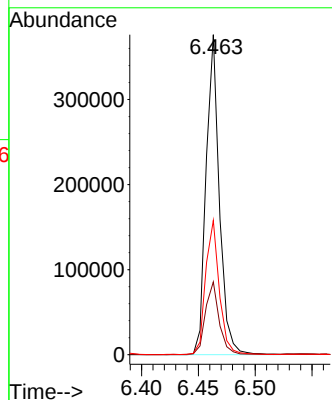
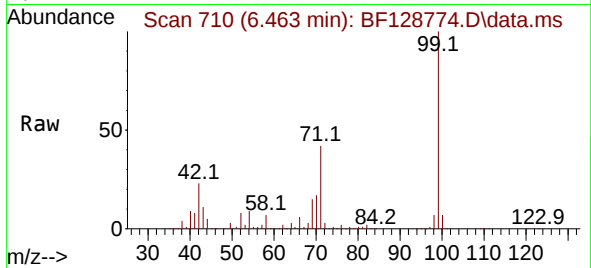




#7
Phenol-d6
Concen: 76.642 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

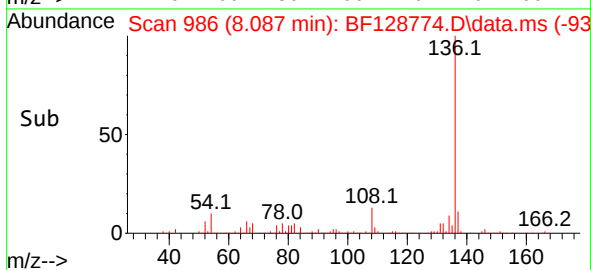
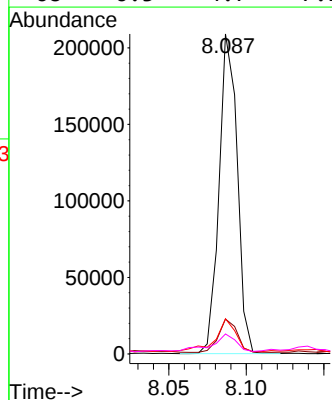
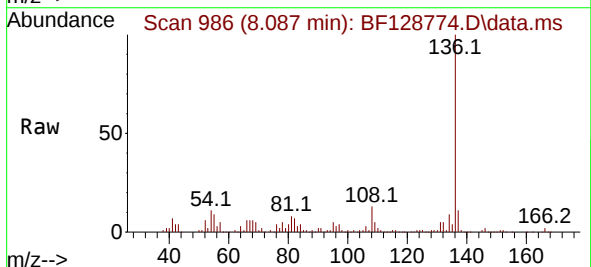
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

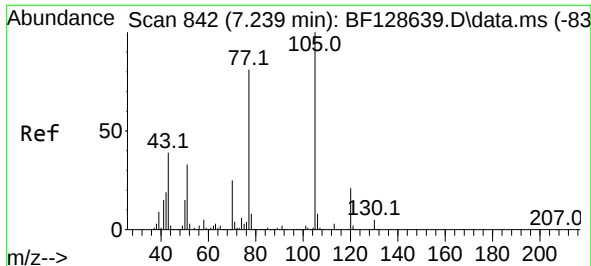
Tgt Ion: 99 Resp: 304892
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 42.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion: 136 Resp: 170138
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.5 11.3
68 6.3 4.7 7.1

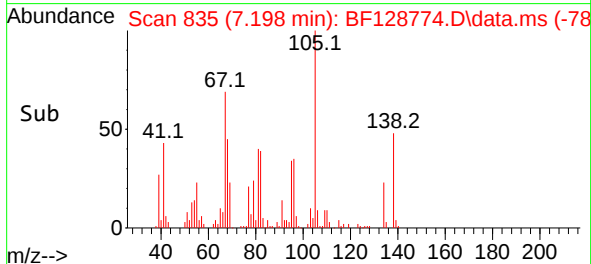
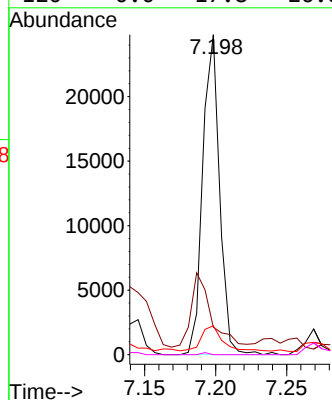
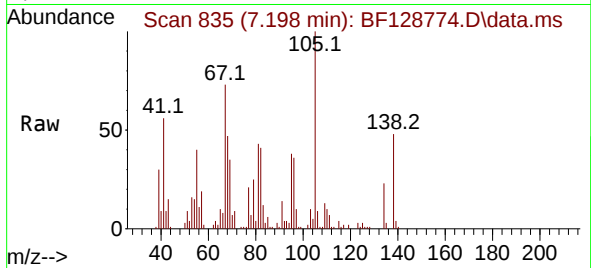




#22
Acetophenone
Concen: 4.618 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.030 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

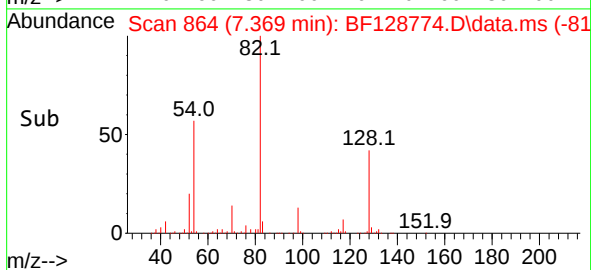
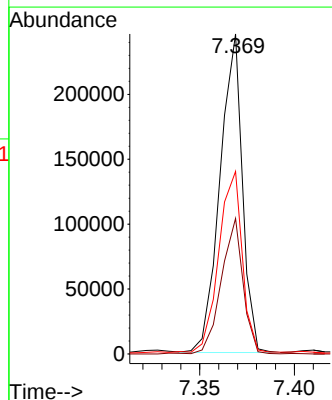
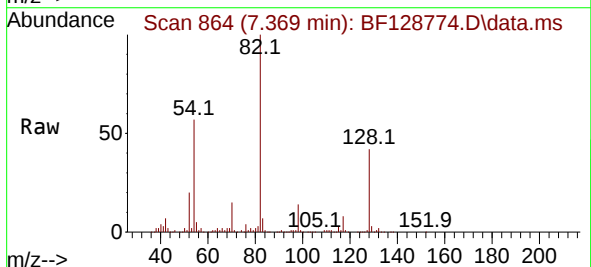
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

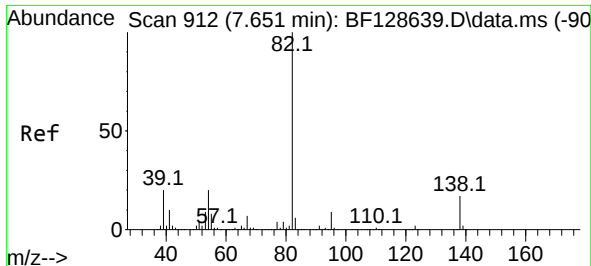
Tgt Ion:105 Resp: 20549
Ion Ratio Lower Upper
105 100
71 8.6 5.0 7.4#
51 9.1 25.0 37.4#
120 0.0 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 55.196 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion: 82 Resp: 201702
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 57.0 46.9 70.3

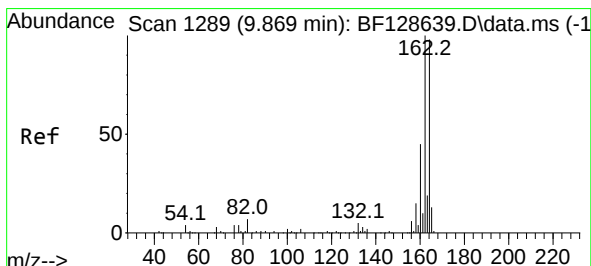
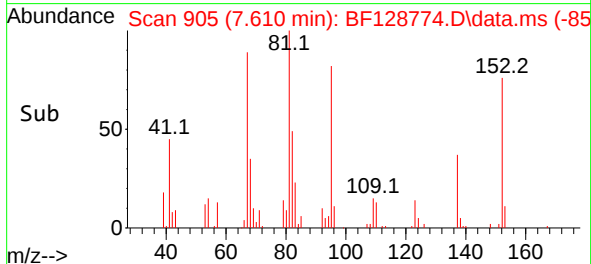
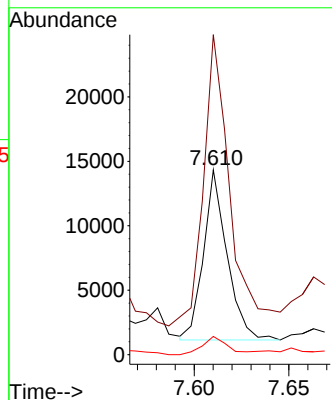
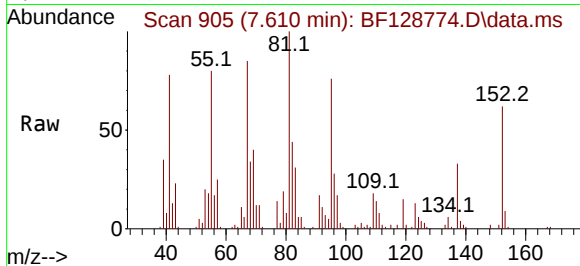




#25
Isophorone
Concen: 2.060 ng
RT: 7.610 min Scan# 90
Delta R.T. -0.030 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

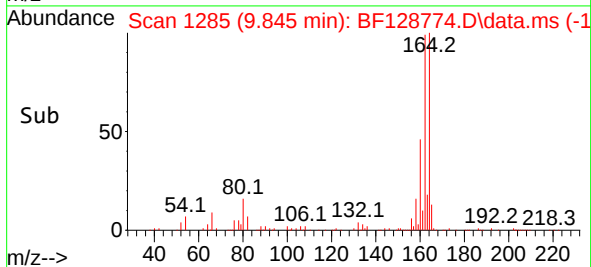
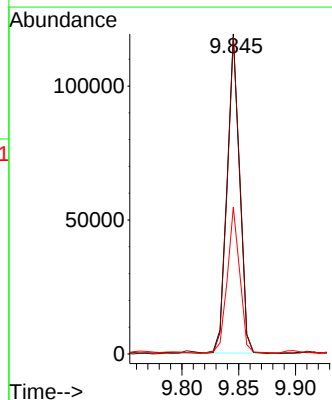
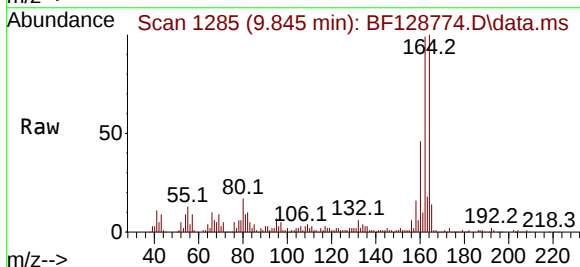
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

Tgt Ion: 82 Resp: 11435
Ion Ratio Lower Upper
82 100
95 173.1 5.7 8.5#
138 9.9 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:164 Resp: 91800
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 79.645 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF128774.D

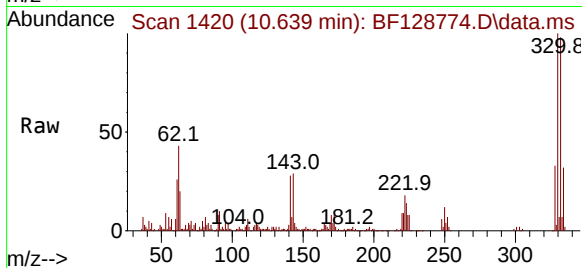
Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

OR-2-060822RE



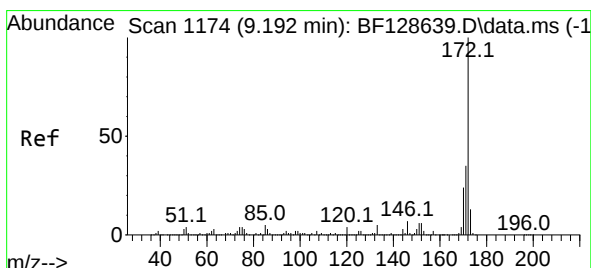
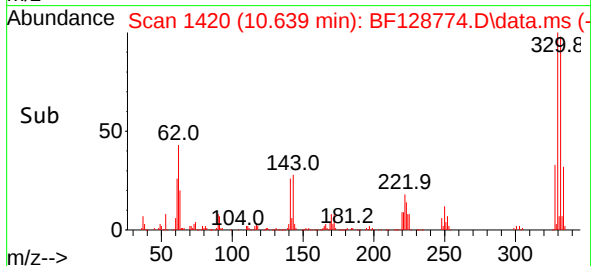
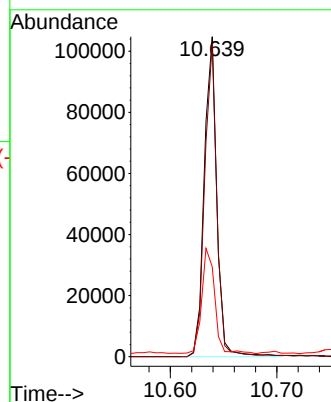
Tgt Ion:330 Resp: 86388

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

141 33.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.493 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

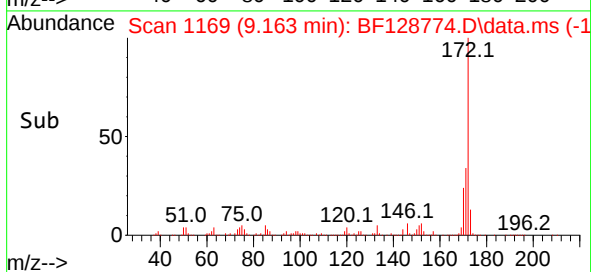
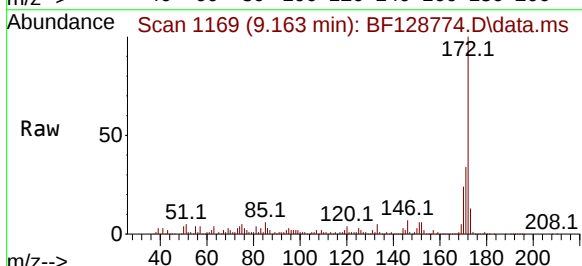
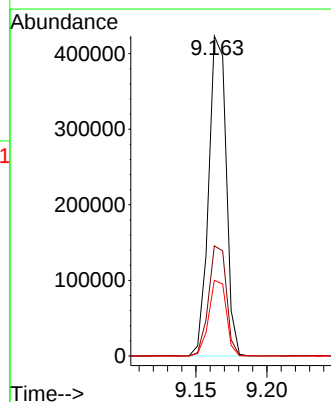
Tgt Ion:172 Resp: 363666

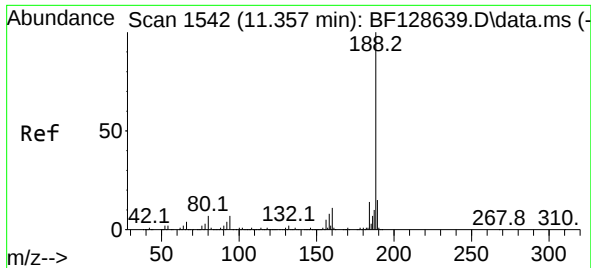
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.7 19.8 29.8

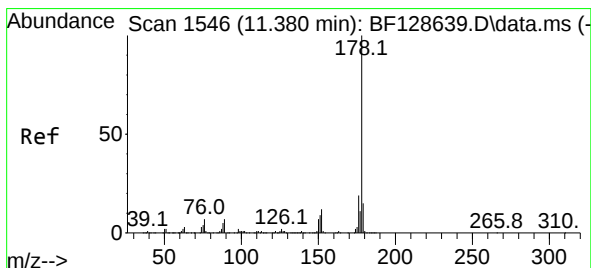
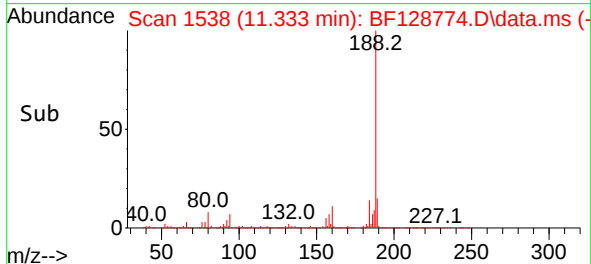
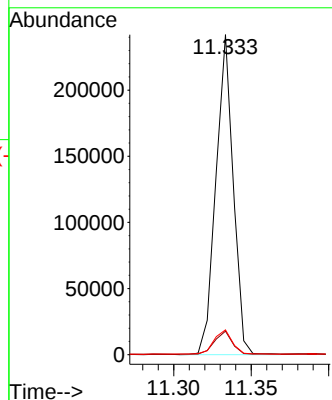
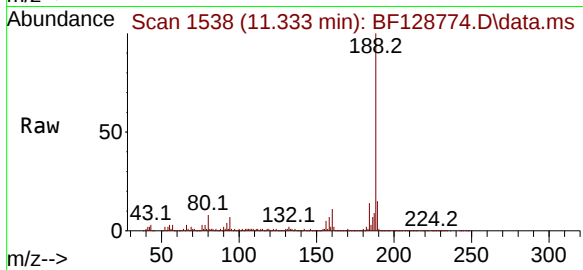




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

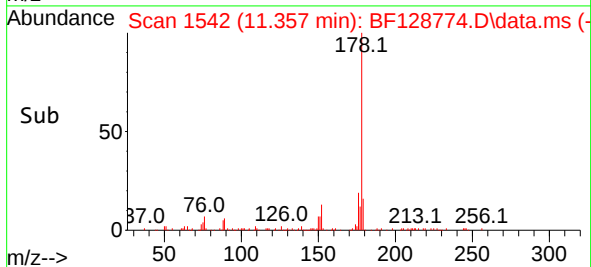
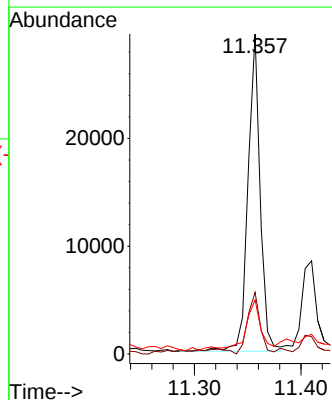
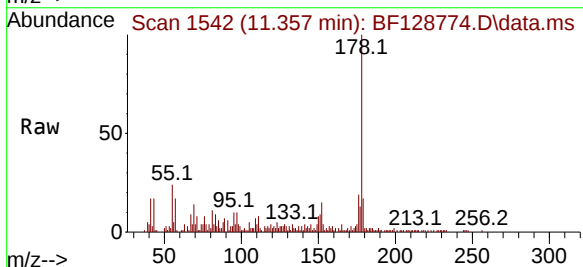
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

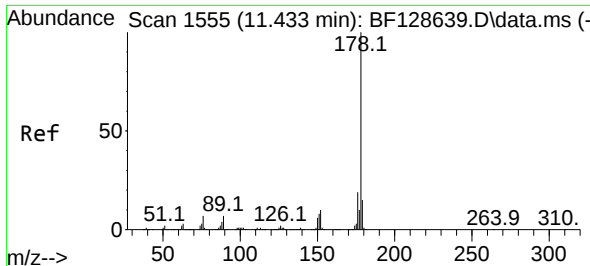
Tgt Ion:188 Resp: 187747
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 7.7 7.6 11.4



#71
Phenanthrene
Concen: 2.486 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:178 Resp: 23411
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.9 12.6 19.0

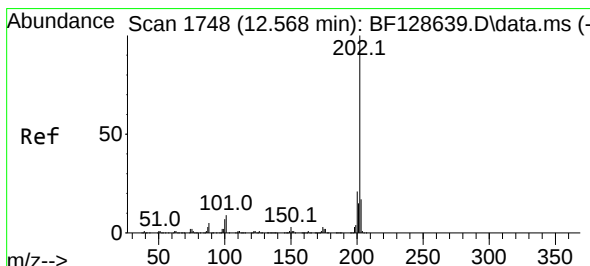
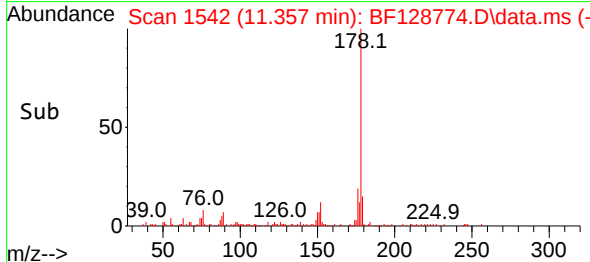
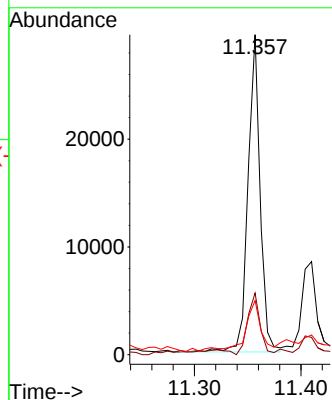
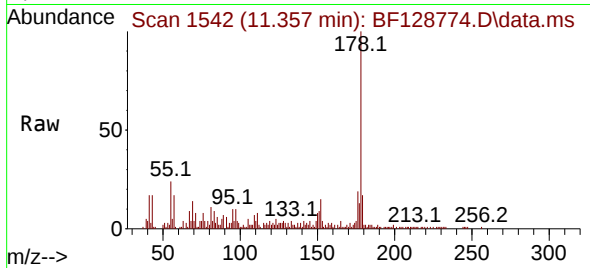




#72
 Anthracene
 Concen: 2.512 ng
 RT: 11.357 min Scan# 11
 Delta R.T. -0.065 min
 Lab File: BF128774.D
 Acq: 10 Jun 2022 22:43

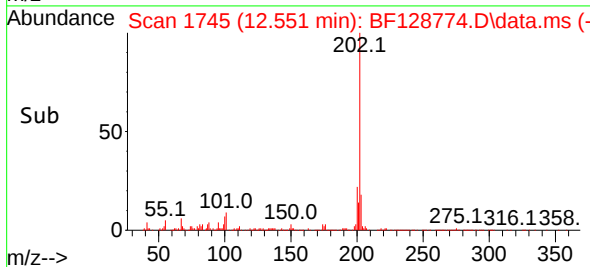
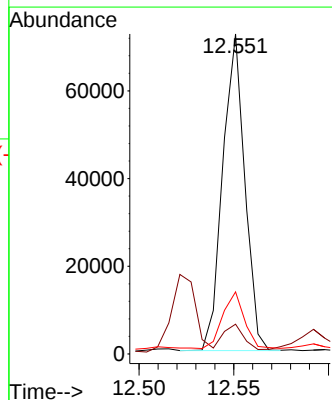
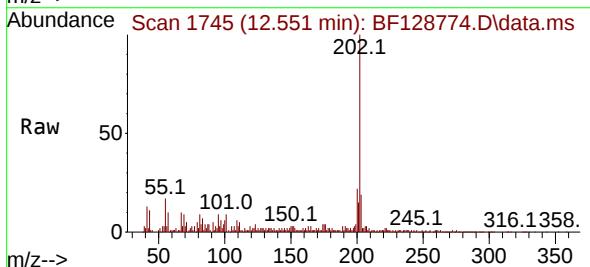
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822RE

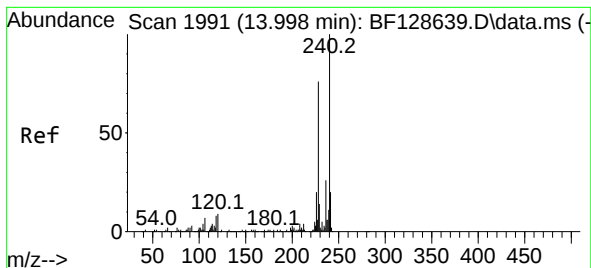
Tgt Ion:178 Resp: 23411
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.9 12.6 19.0



#75
 Fluoranthene
 Concen: 5.953 ng
 RT: 12.551 min Scan# 1745
 Delta R.T. -0.006 min
 Lab File: BF128774.D
 Acq: 10 Jun 2022 22:43

Tgt Ion:202 Resp: 58596
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 31.4
 203 19.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

OR-2-060822RE

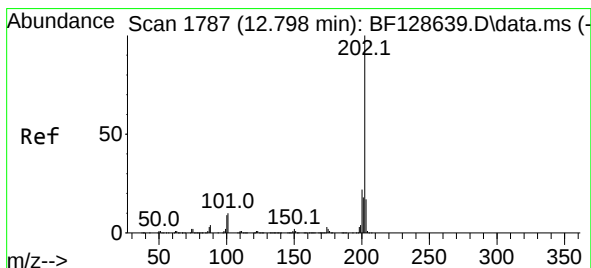
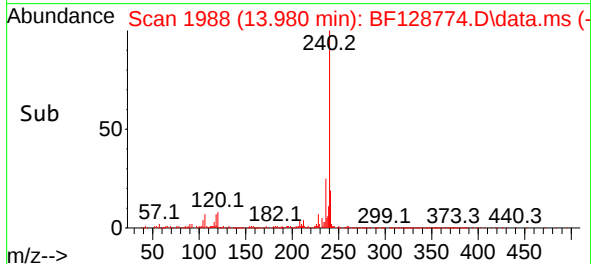
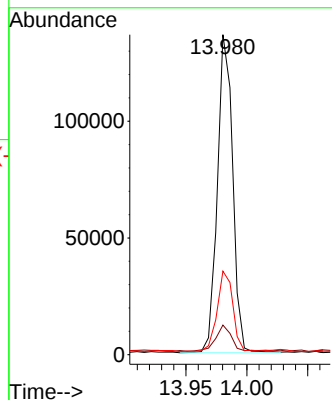
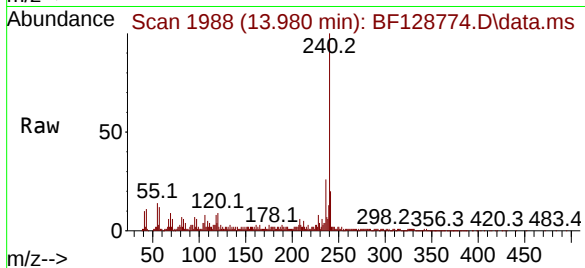
Tgt Ion:240 Resp: 119635

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

236 26.1 20.8 31.2



#78

Pyrene

Concen: 7.086 ng

RT: 12.780 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

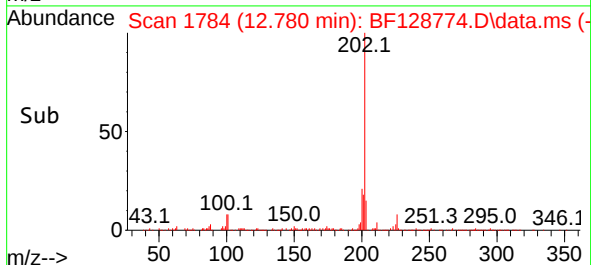
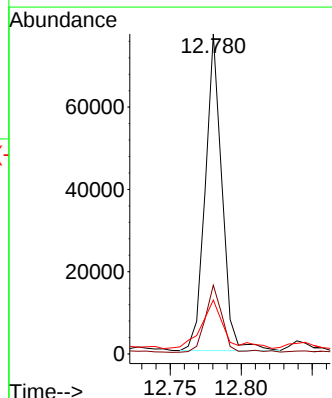
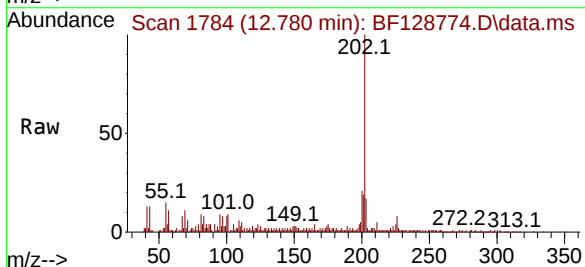
Tgt Ion:202 Resp: 63070

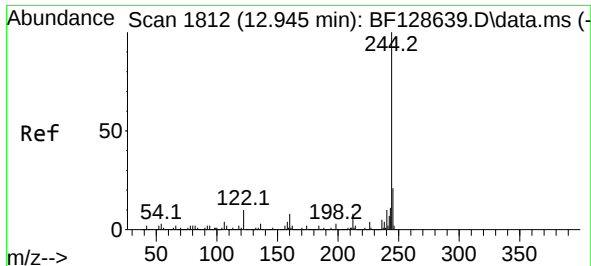
Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

203 16.9 14.6 21.8

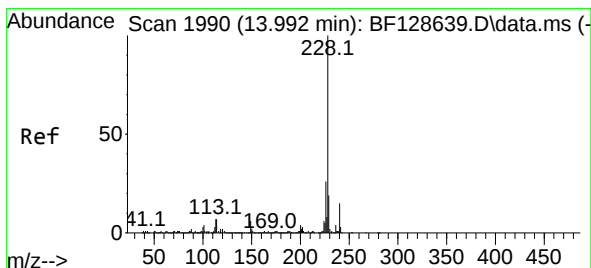
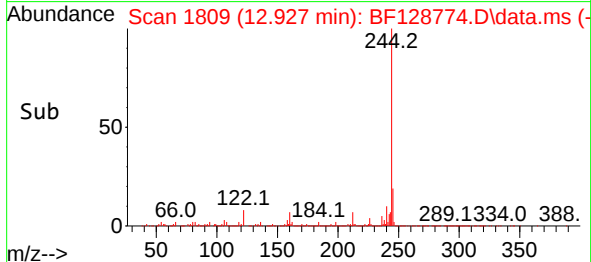
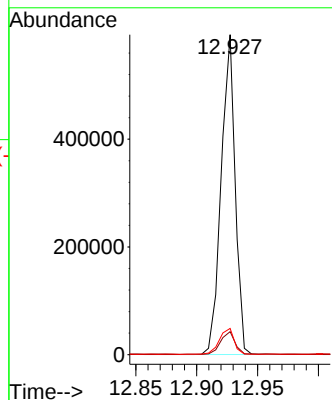
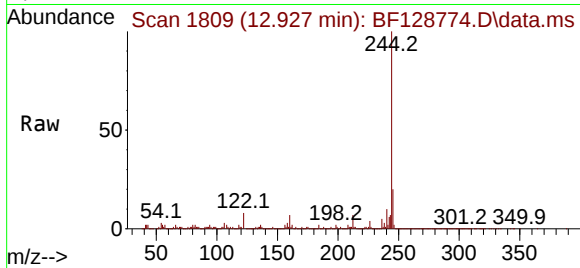




#79
 Terphenyl-d14
 Concen: 69.207 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128774.D
 Acq: 10 Jun 2022 22:43

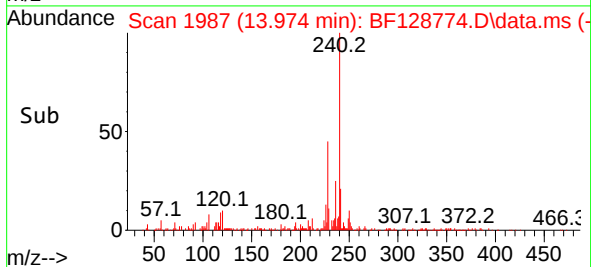
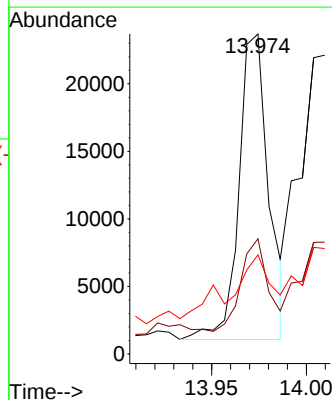
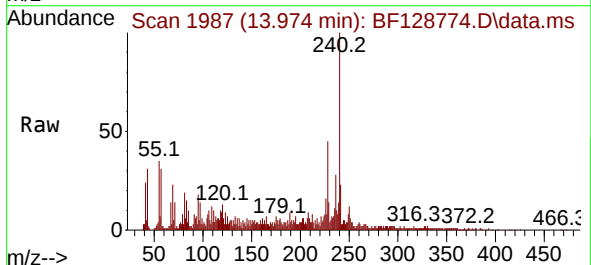
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822RE

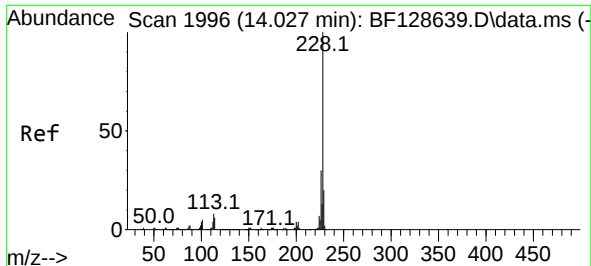
Tgt Ion:244 Resp: 476483
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.2 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 3.314 ng
 RT: 13.974 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BF128774.D
 Acq: 10 Jun 2022 22:43

Tgt Ion:228 Resp: 24714
 Ion Ratio Lower Upper
 228 100
 226 36.0 22.1 33.1#
 229 30.9 15.8 23.8#

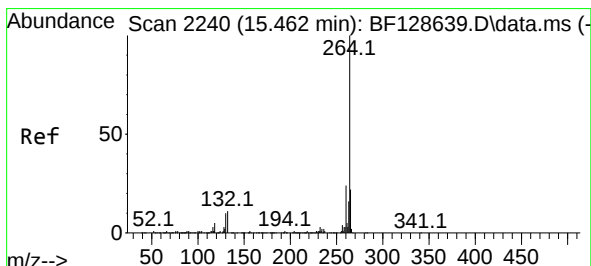
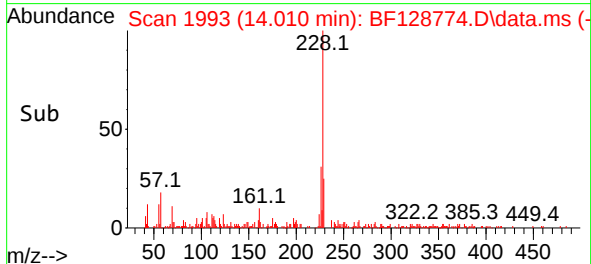
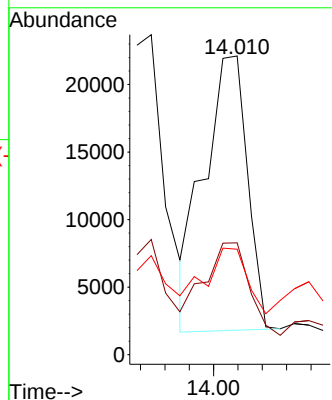
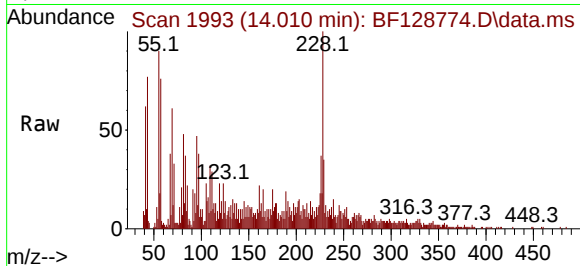




#83
Chrysene
Concen: 3.552 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

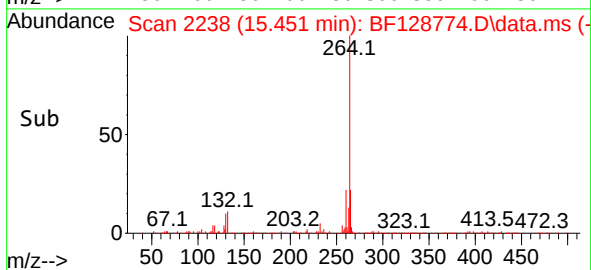
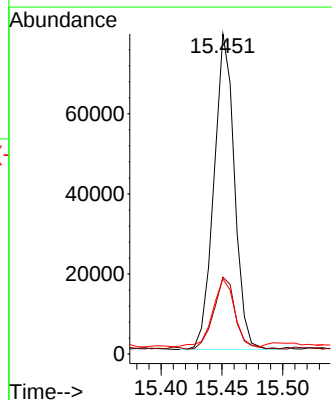
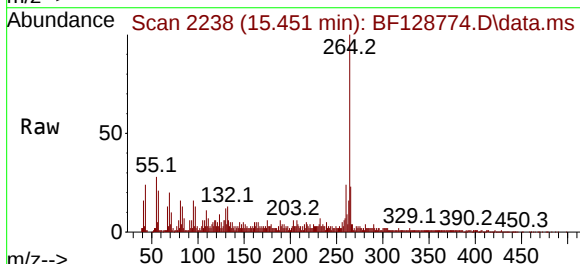
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

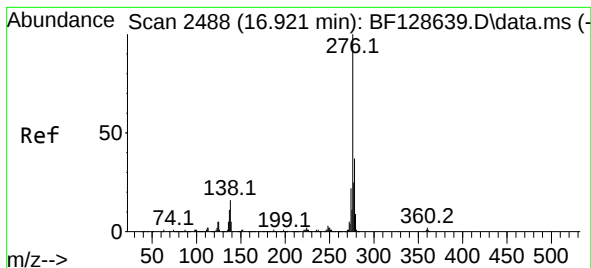
Tgt Ion:228 Resp: 25253
Ion Ratio Lower Upper
228 100
226 37.4 24.3 36.5#
229 35.3 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:264 Resp: 92521
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 23.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.340 ng

RT: 16.915 min Scan# 2488

Delta R.T. 0.017 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

OR-2-060822RE

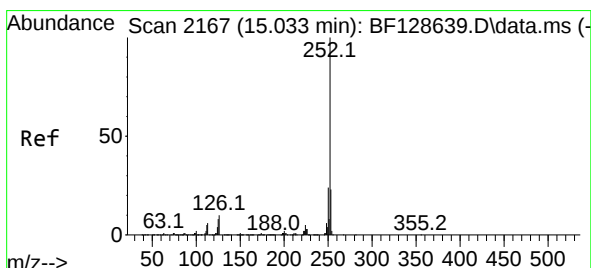
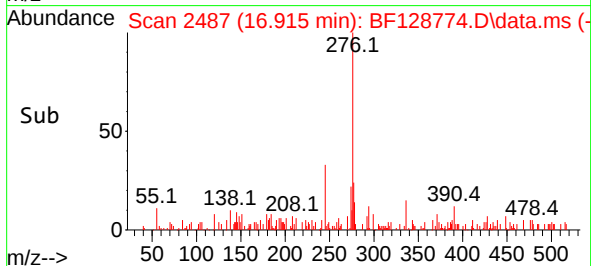
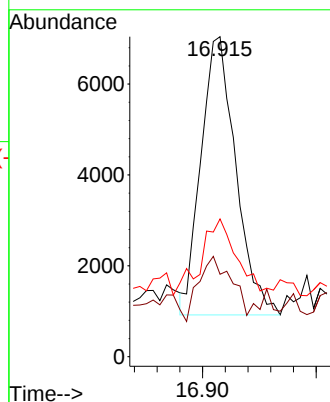
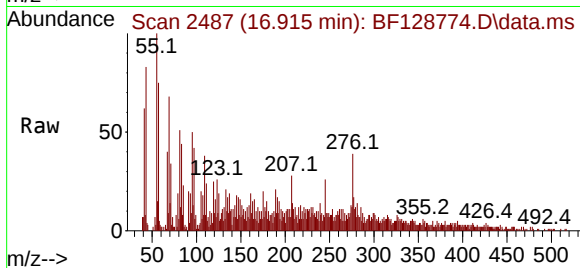
Tgt Ion:276 Resp: 13051

Ion Ratio Lower Upper

276 100

138 22.1 21.1 31.7

277 29.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 6.197 ng

RT: 15.021 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

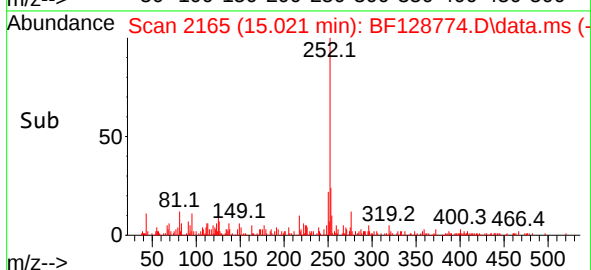
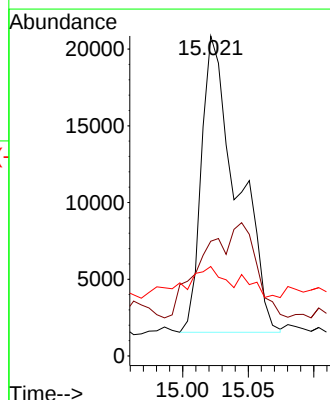
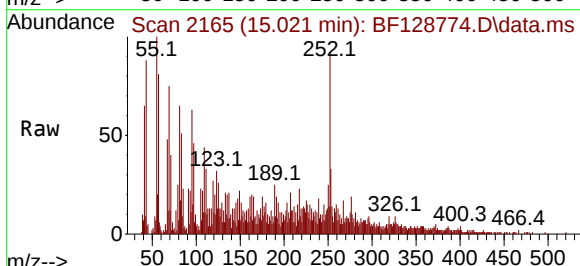
Tgt Ion:252 Resp: 36635

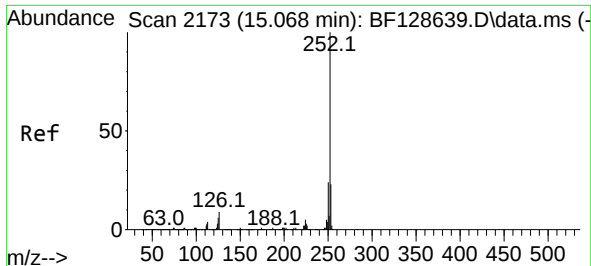
Ion Ratio Lower Upper

252 100

253 35.8 17.7 26.5#

125 28.0 8.0 12.0#

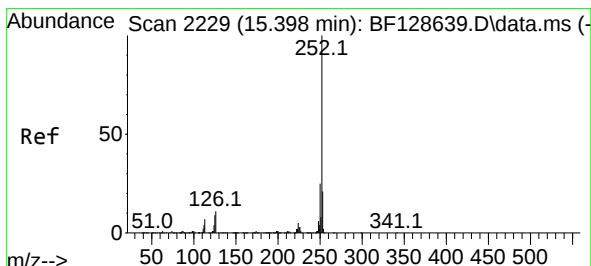
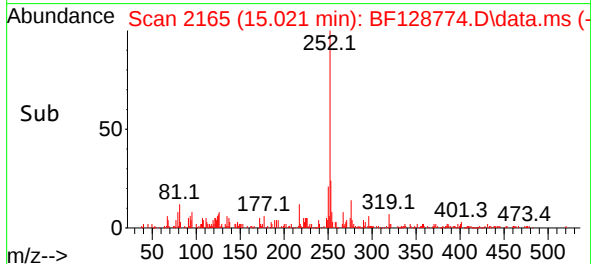
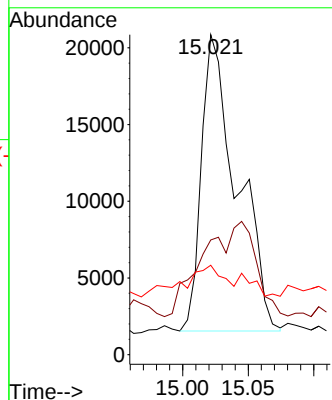
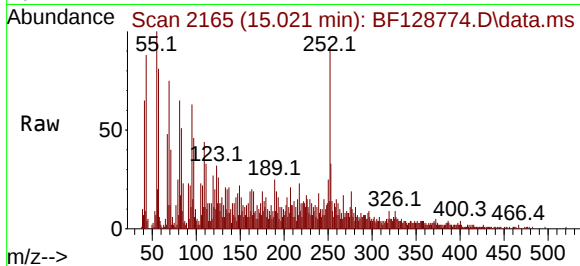




#89
Benzo(k)fluoranthene
Concen: 6.587 ng
RT: 15.021 min Scan# 2173
Delta R.T. -0.030 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

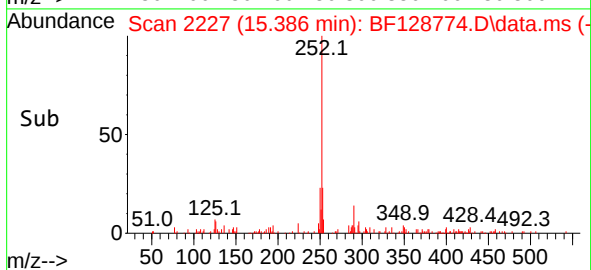
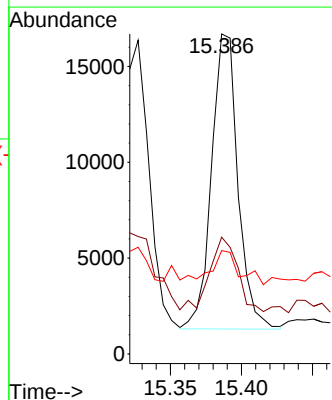
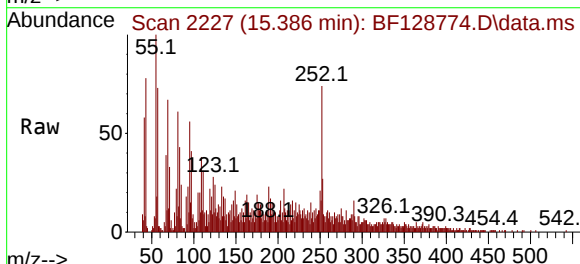
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

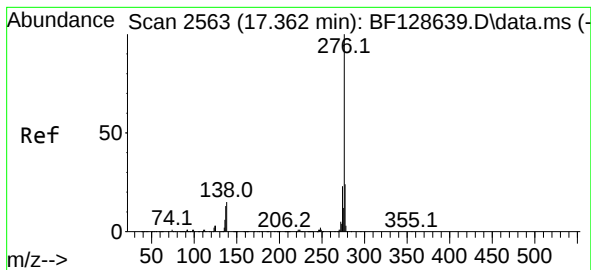
Tgt Ion:252 Resp: 36635
Ion Ratio Lower Upper
252 100
253 35.8 17.8 26.6#
125 28.0 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 4.284 ng
RT: 15.386 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:252 Resp: 19905
Ion Ratio Lower Upper
252 100
253 36.5 17.0 25.6#
125 32.3 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.039 ng

RT: 17.368 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF128774.D

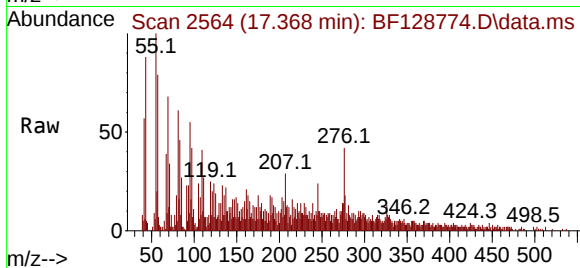
Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

OR-2-060822RE



Tgt Ion:276 Resp: 13932

Ion Ratio Lower Upper

276 100

277 42.0 19.1 28.7#

138 23.7 18.0 27.0

