

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127377.D
 Acq On : 17 Mar 2022 15:47
 Operator : CG\JU
 Sample : N1922-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7PH-1-7.5-8

Quant Time: Mar 17 16:23:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

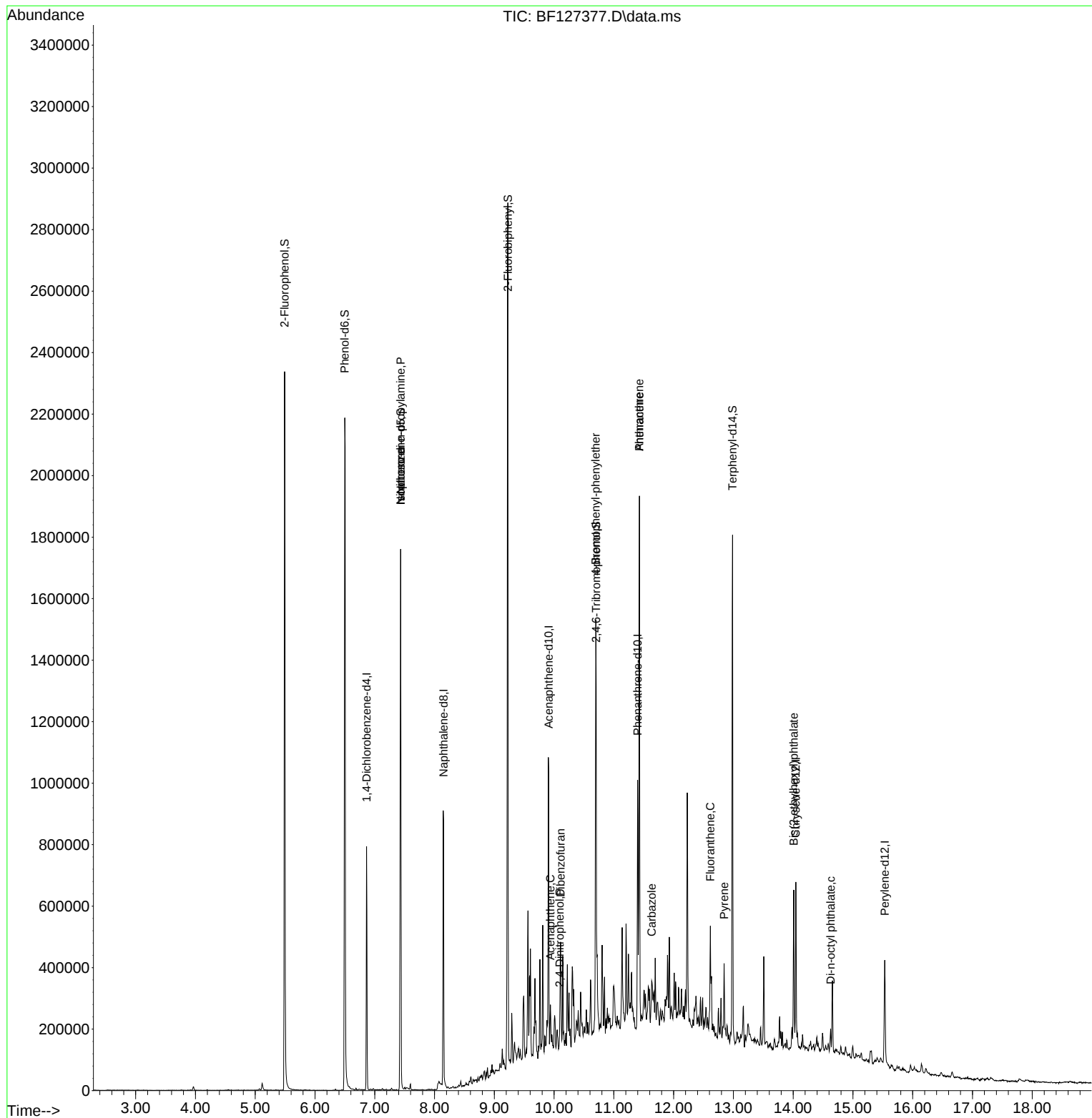
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	104233	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	381780	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205004	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	281088	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	169445	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	147415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	574070	88.537	ng	0.00
7) Phenol-d6	6.498	99	783888	87.884	ng	0.00
23) Nitrobenzene-d5	7.434	82	540709	58.490	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	144183	65.334	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	883622	60.938	ng	0.00
79) Terphenyl-d14	12.986	244	569280	57.852	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	244	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.434	70	74767	13.432	ng	# 87
25) Isophorone	7.434	82	540702	36.374	ng	# 69
52) Acenaphthene	9.939	154	22341	2.033	ng	# 91
54) 2,4-Dinitrophenol	10.092	184	149	3.932	ng	# 1
55) Dibenzofuran	10.110	168	75189	4.405	ng	# 92
67) 4-Bromophenyl-phenylether	10.698	248	9327	2.753	ng	# 1
71) Phenanthrene	11.427	178	599818	40.424	ng	100
72) Anthracene	11.427	178	599818	40.818	ng	98
73) Carbazole	11.633	167	34361	2.483	ng	97
75) Fluoranthene	12.616	202	116490	7.021	ng	90
78) Pyrene	12.845	202	82201	6.228	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	127916	18.708	ng	# 99
85) Di-n-octyl phthalate	14.627	149	32355	3.126	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127377.D
Acq On : 17 Mar 2022 15:47
Operator : CG\JU
Sample : N1922-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

Quant Time: Mar 17 16:23:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

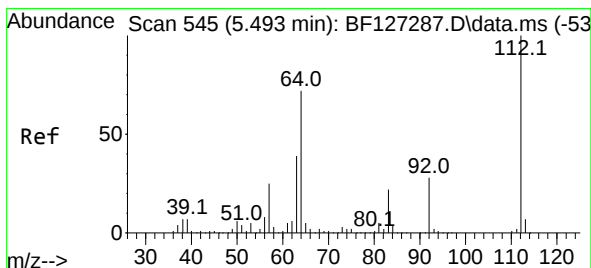
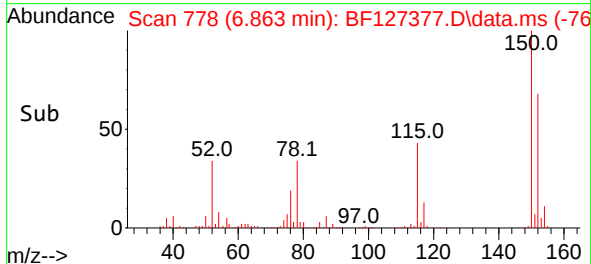
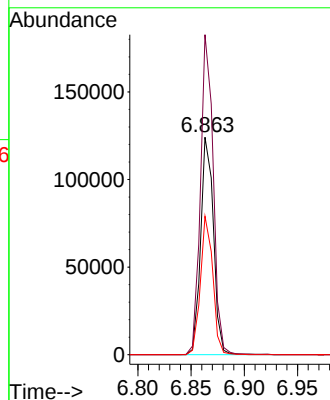
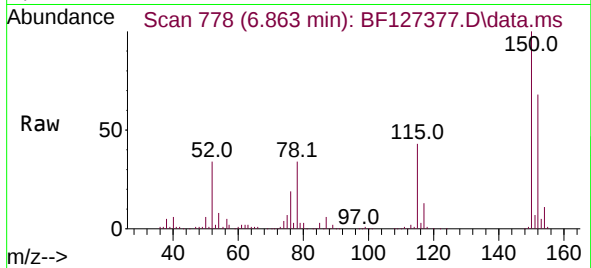




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127377.D
 Acq: 17 Mar 2022 15:47

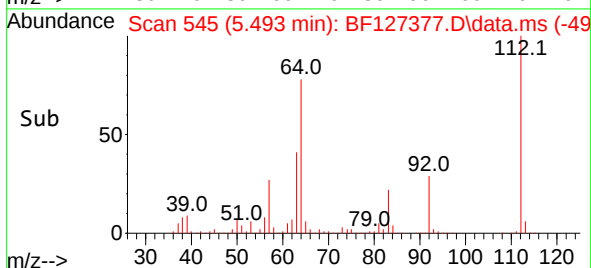
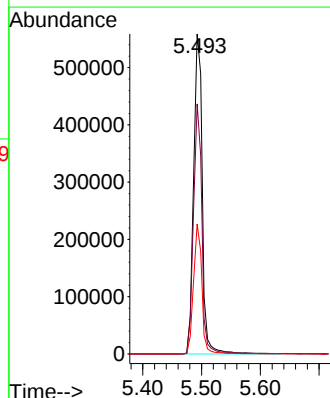
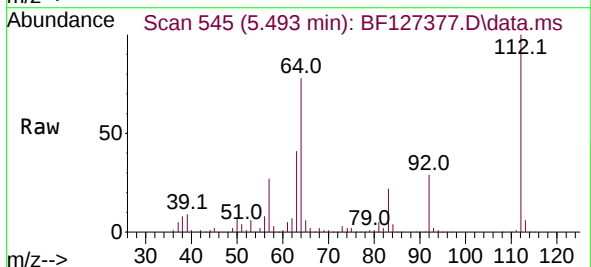
Instrument :
 BNA_F
 ClientSampleId :
 7PH-1-7.5-8

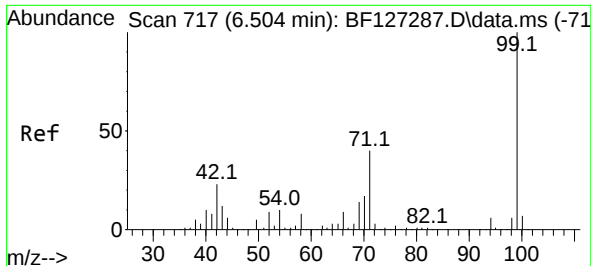
Tgt Ion:152 Resp: 104233
 Ion Ratio Lower Upper
 152 100
 150 147.1 128.1 192.1
 115 63.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 88.537 ng
 RT: 5.493 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF127377.D
 Acq: 17 Mar 2022 15:47

Tgt Ion:112 Resp: 574070
 Ion Ratio Lower Upper
 112 100
 64 78.2 49.5 74.3#
 63 40.6 23.9 35.9#





#7

Phenol-d6

Concen: 87.884 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127377.D

Acq: 17 Mar 2022 15:47

Instrument :

BNA_F

ClientSampleId :

7PH-1-7.5-8

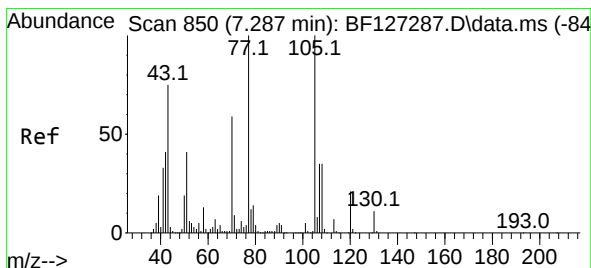
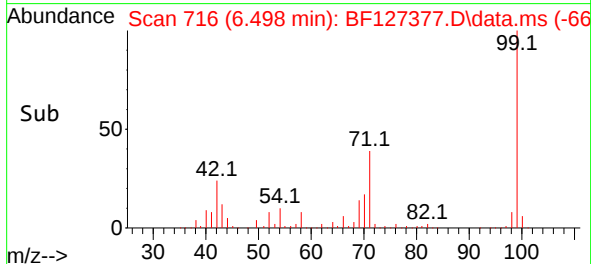
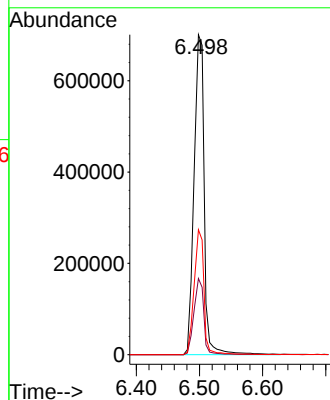
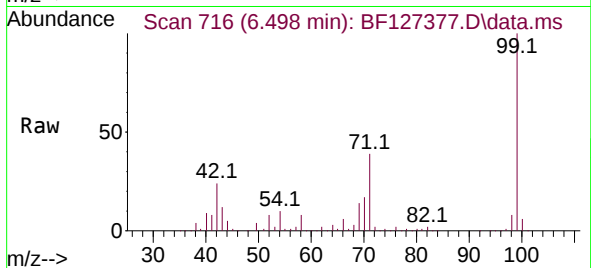
Tgt Ion: 99 Resp: 783888

Ion Ratio Lower Upper

99 100

42 23.8 14.2 21.4#

71 39.1 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.432 ng

RT: 7.434 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127377.D

Acq: 17 Mar 2022 15:47

Tgt Ion: 70 Resp: 74767

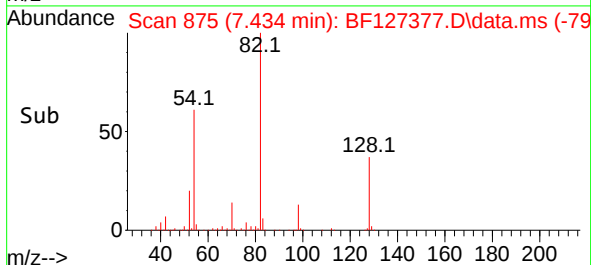
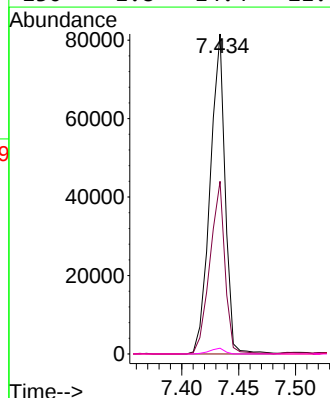
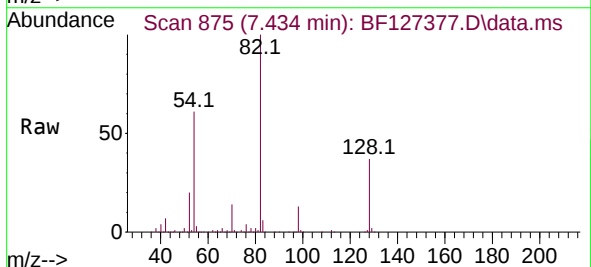
Ion Ratio Lower Upper

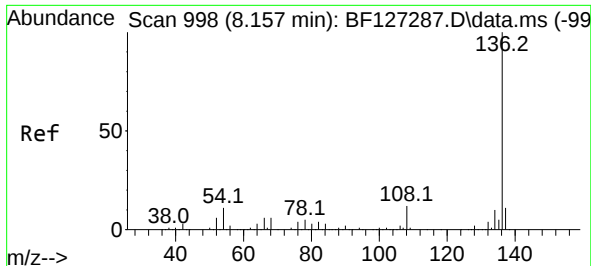
70 100

42 54.0 45.8 68.8

101 0.0 6.9 10.3#

130 1.8 14.4 21.6#



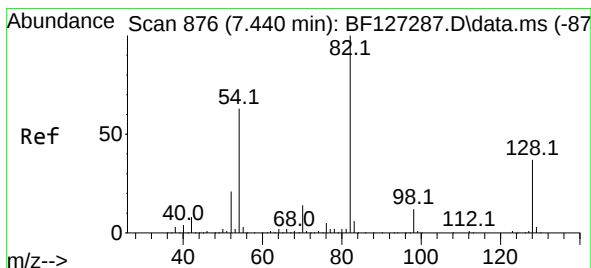
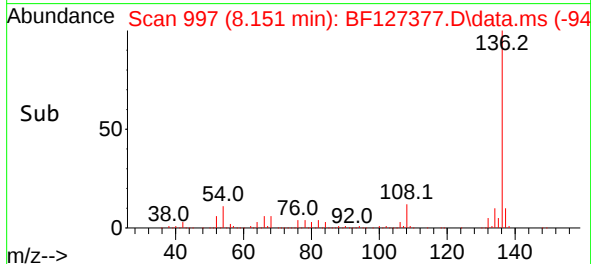
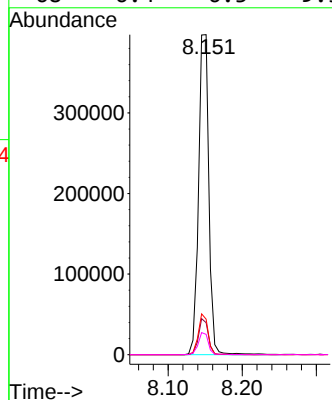
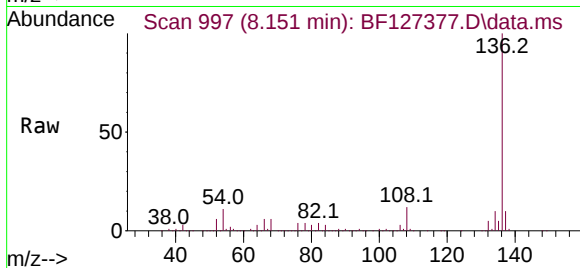


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

Tgt Ion:136 Resp: 381780

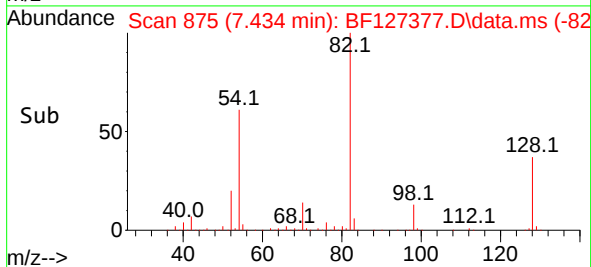
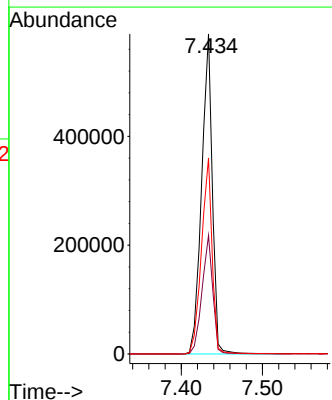
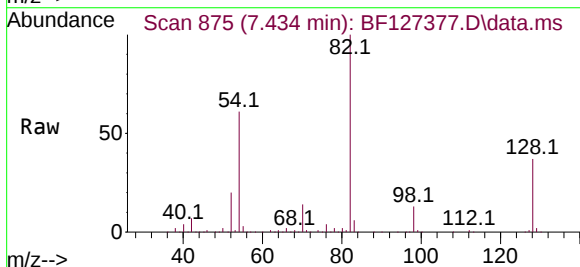
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	13.0
54	11.1	7.8	11.6
68	6.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 58.490 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Tgt Ion: 82 Resp: 540709

Ion	Ratio	Lower	Upper
82	100		
128	37.1	32.7	49.1
54	61.3	41.7	62.5

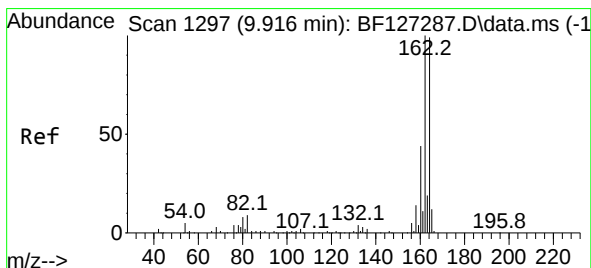
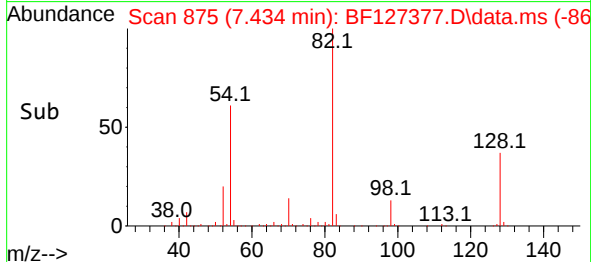
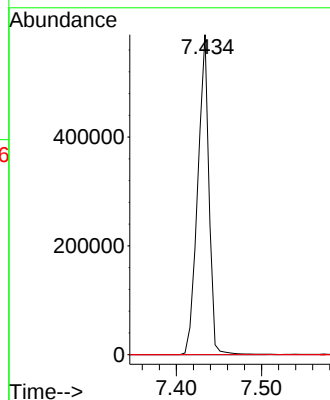
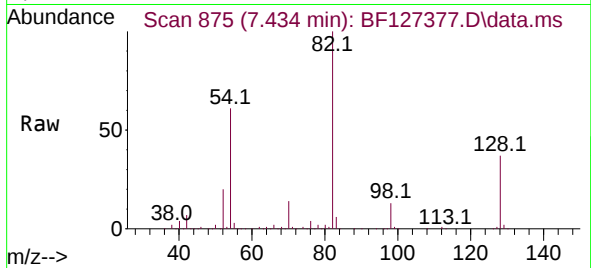




#25
Isophorone
Concen: 36.374 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

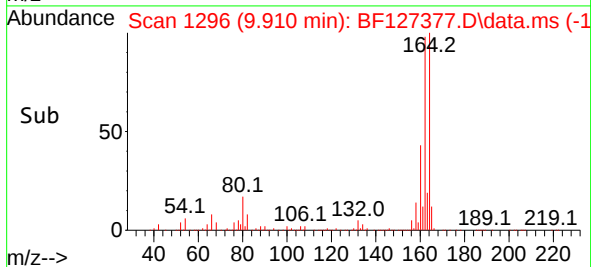
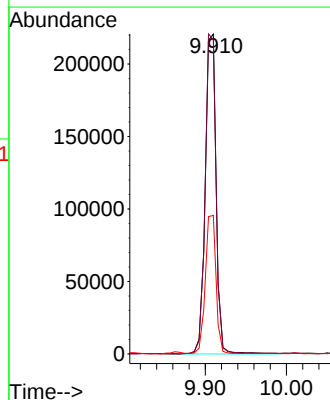
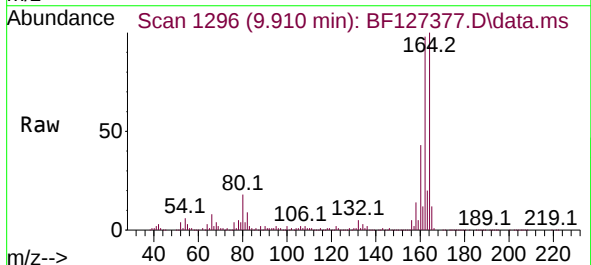
Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

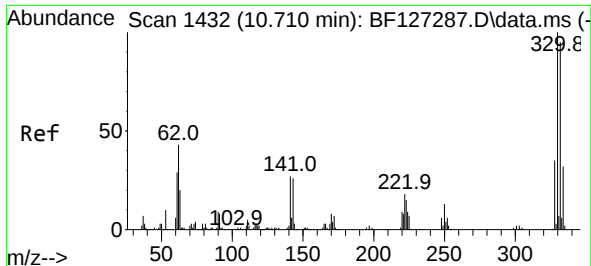
Tgt Ion: 82 Resp: 540702
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Tgt Ion: 164 Resp: 205004
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 65.334 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127377.D

Acq: 17 Mar 2022 15:47

Instrument :

BNA_F

ClientSampleId :

7PH-1-7.5-8

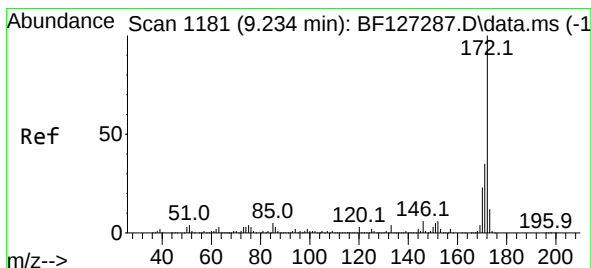
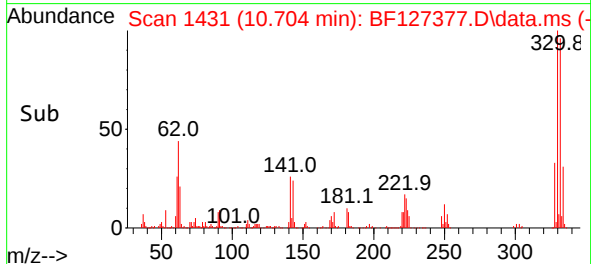
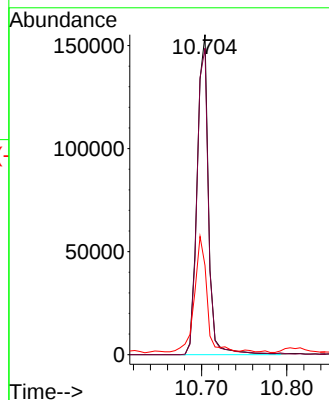
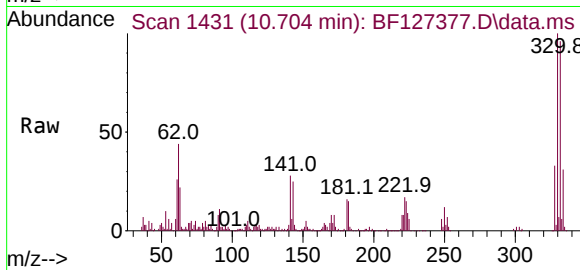
Tgt Ion:330 Resp: 144183

Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 38.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 60.938 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127377.D

Acq: 17 Mar 2022 15:47

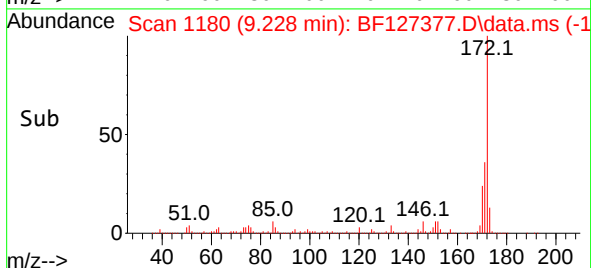
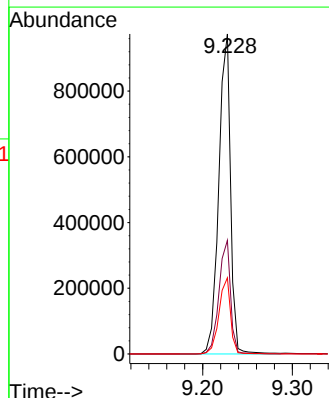
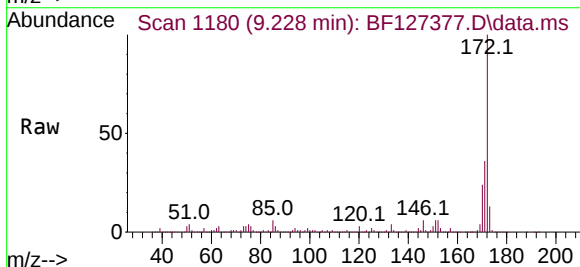
Tgt Ion:172 Resp: 883622

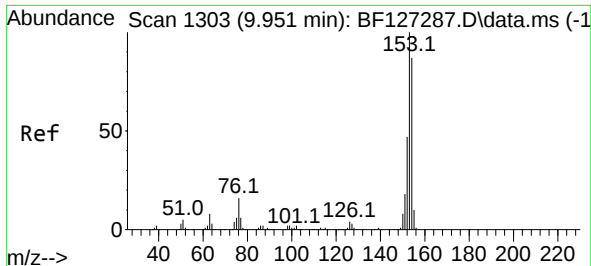
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 19.0 28.6

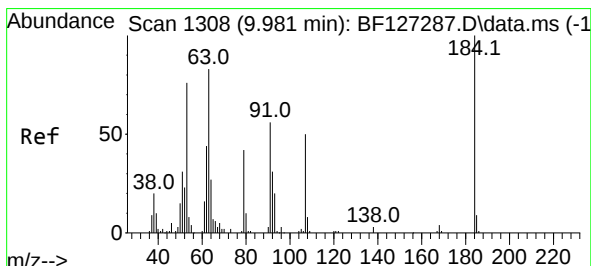
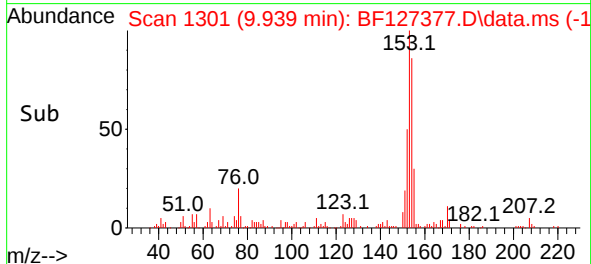
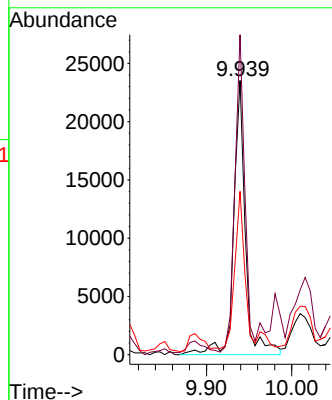
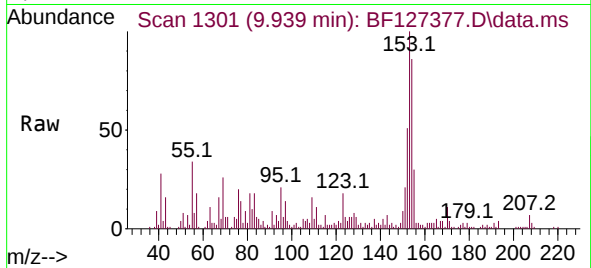




#52
Acenaphthene
Concen: 2.033 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

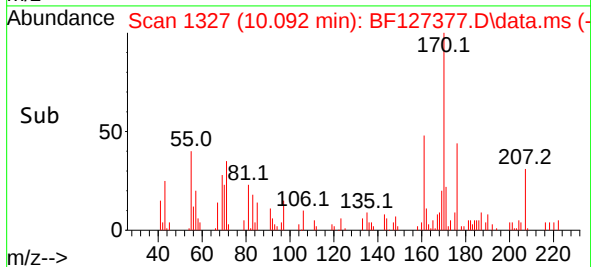
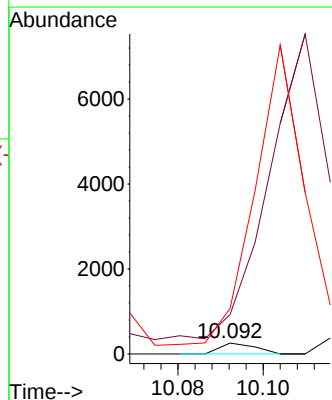
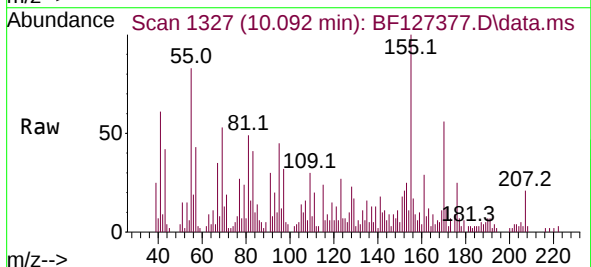
Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

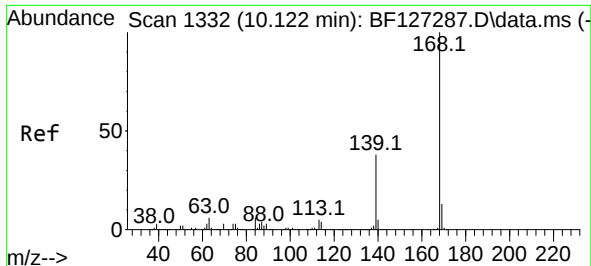
Tgt Ion:154 Resp: 22341
Ion Ratio Lower Upper
154 100
153 116.7 87.8 131.6
152 59.6 39.4 59.2#



#54
2,4-Dinitrophenol
Concen: 3.932 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.111 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Tgt Ion:184 Resp: 149
Ion Ratio Lower Upper
184 100
63 363.3 70.4 105.6#
154 419.9 49.7 74.5#

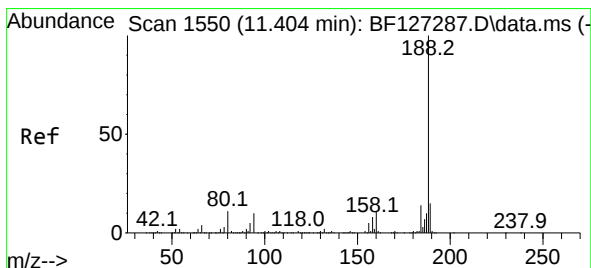
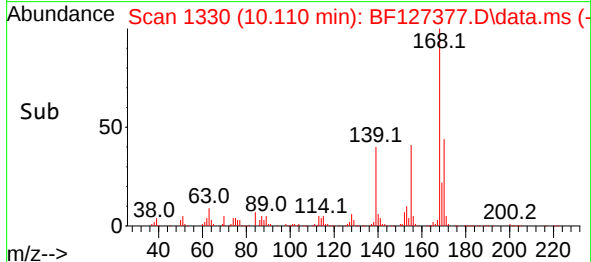
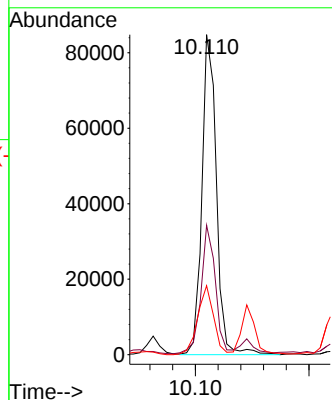
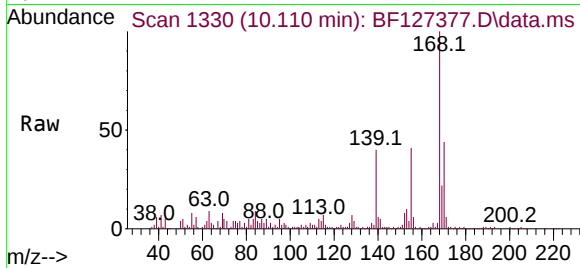




#55
Dibenzofuran
Concen: 4.405 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

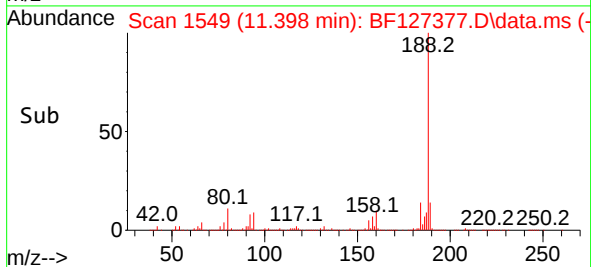
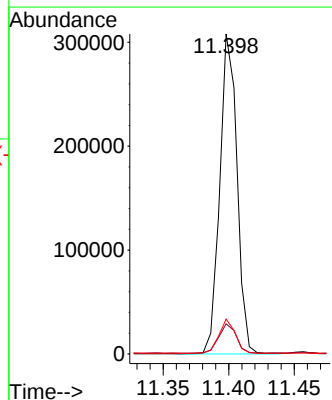
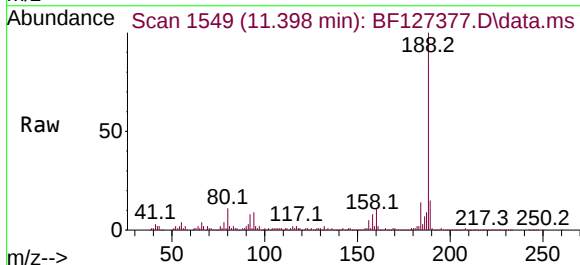
Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

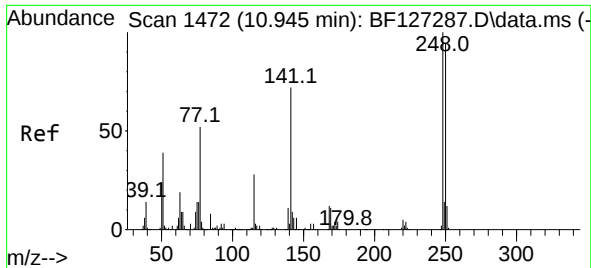
Tgt Ion:168 Resp: 75189
Ion Ratio Lower Upper
168 100
139 40.5 30.6 46.0
169 21.6 10.0 15.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Tgt Ion:188 Resp: 281088
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.9 11.8 17.6#

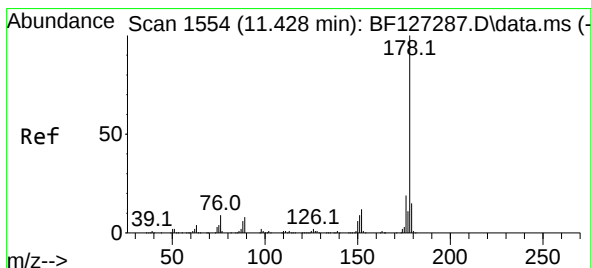
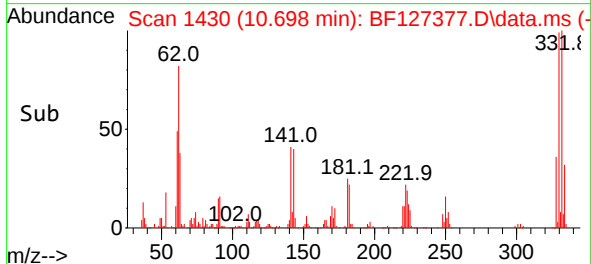
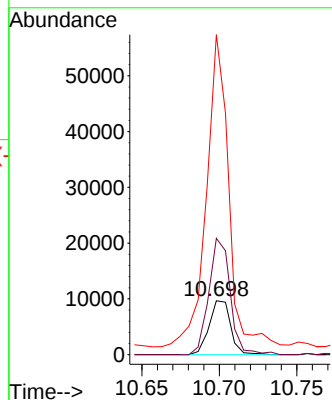
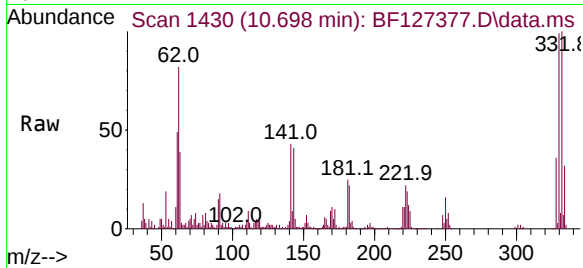




#67
4-Bromophenyl-phenylether
Concen: 2.753 ng
RT: 10.698 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

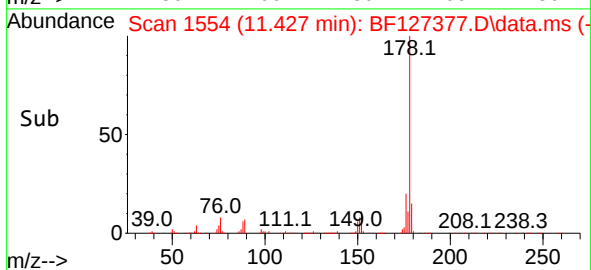
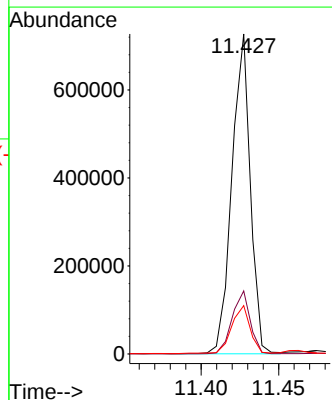
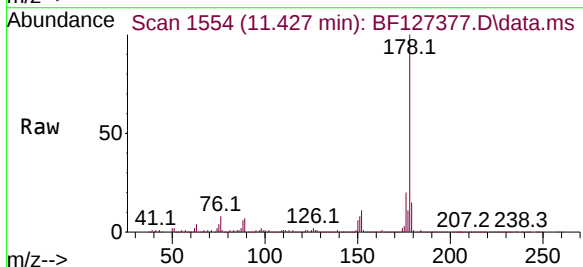
Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

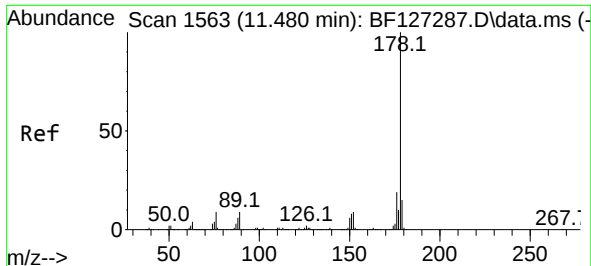
Tgt Ion:248 Resp: 9327
Ion Ratio Lower Upper
248 100
250 216.0 76.2 114.4#
141 593.8 66.2 99.4#



#71
Phenanthrene
Concen: 40.424 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Tgt Ion:178 Resp: 599818
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.1 12.3 18.5

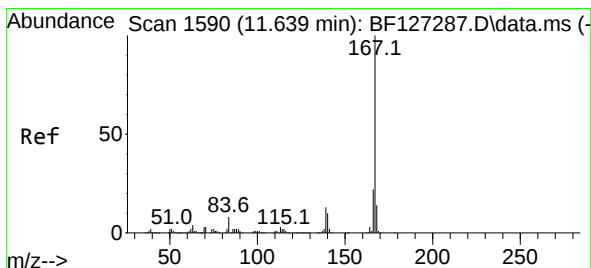
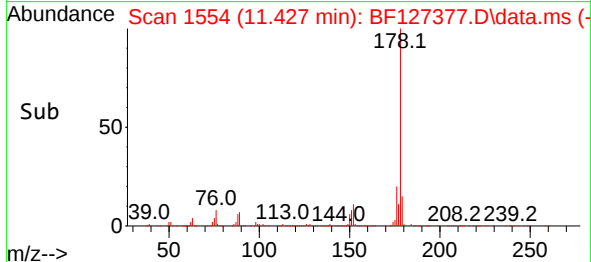
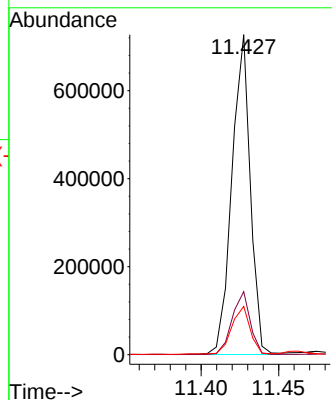
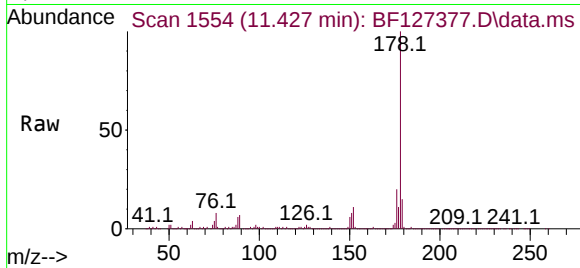




#72
 Anthracene
 Concen: 40.818 ng
 RT: 11.427 min Scan# 1554
 Delta R.T. -0.053 min
 Lab File: BF127377.D
 Acq: 17 Mar 2022 15:47

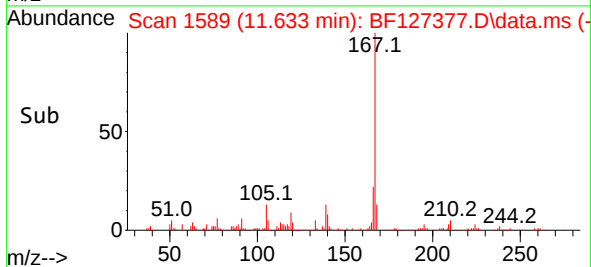
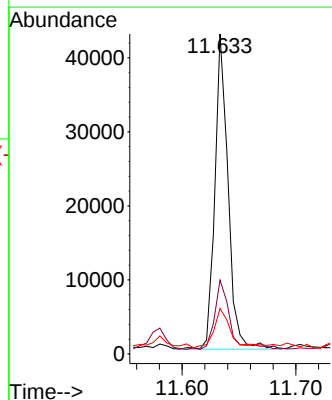
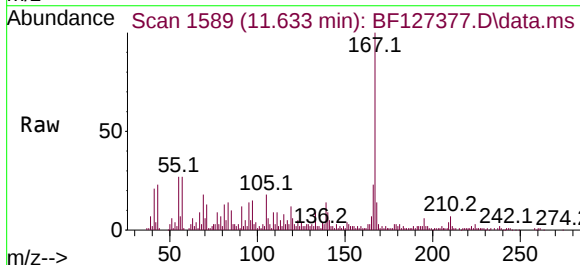
Instrument :
 BNA_F
 ClientSampleId :
 7PH-1-7.5-8

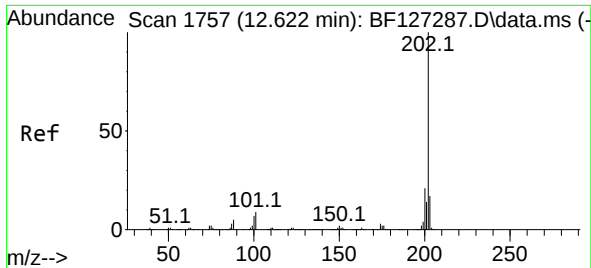
Tgt Ion:178 Resp: 599818
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.0 22.6
 179 15.1 12.5 18.7



#73
 Carbazole
 Concen: 2.483 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127377.D
 Acq: 17 Mar 2022 15:47

Tgt Ion:167 Resp: 34361
 Ion Ratio Lower Upper
 167 100
 166 23.0 16.9 25.3
 139 14.2 11.3 16.9

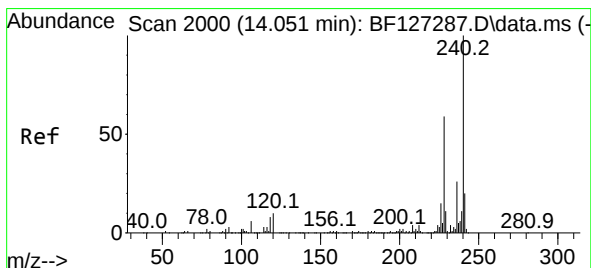
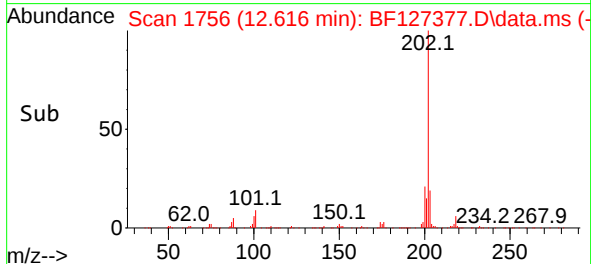
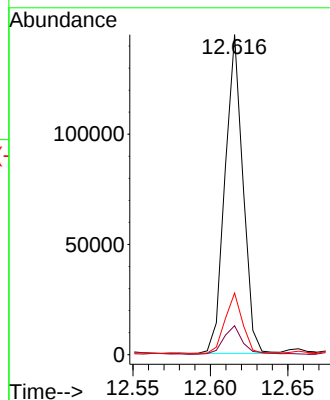
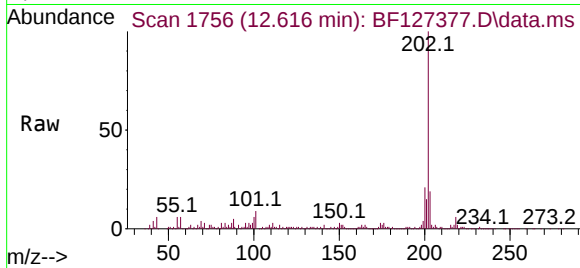




#75
Fluoranthene
Concen: 7.021 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

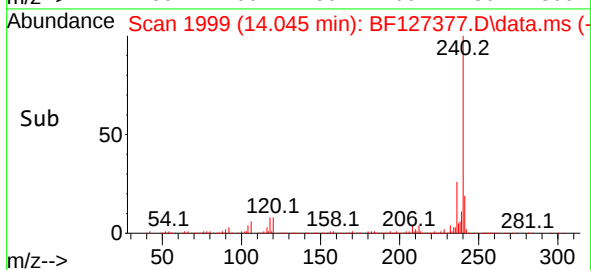
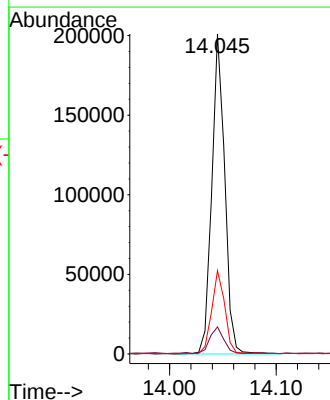
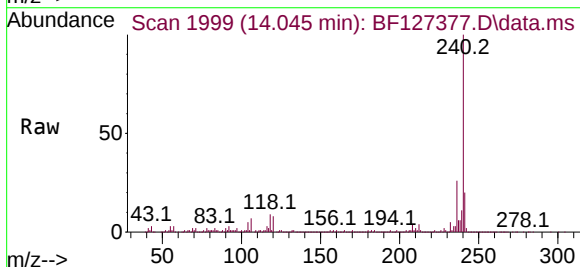
Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8

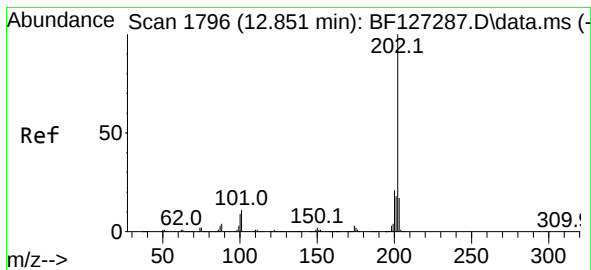
Tgt Ion:202 Resp: 116490
Ion Ratio Lower Upper
202 100
101 9.0 0.0 35.7
203 19.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Tgt Ion:240 Resp: 169445
Ion Ratio Lower Upper
240 100
120 8.5 14.4 21.6#
236 26.1 20.5 30.7





#78

Pyrene

Concen: 6.228 ng

RT: 12.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127377.D

Acq: 17 Mar 2022 15:47

Instrument :

BNA_F

ClientSampleId :

7PH-1-7.5-8

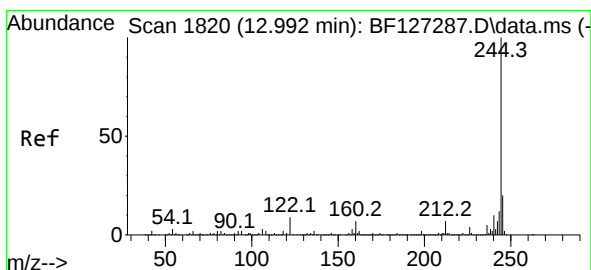
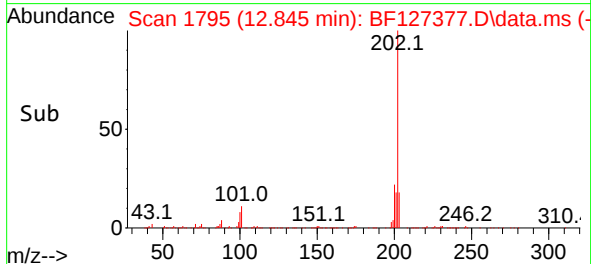
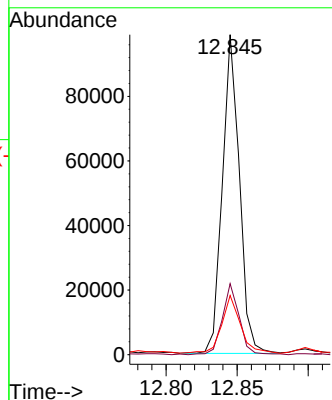
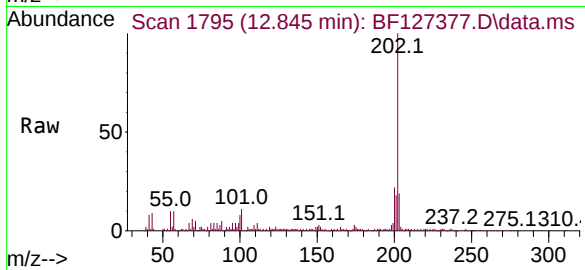
Tgt Ion:202 Resp: 82201

Ion Ratio Lower Upper

202 100

200 22.2 16.6 24.8

203 18.5 13.8 20.8



#79

Terphenyl-d14

Concen: 57.852 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127377.D

Acq: 17 Mar 2022 15:47

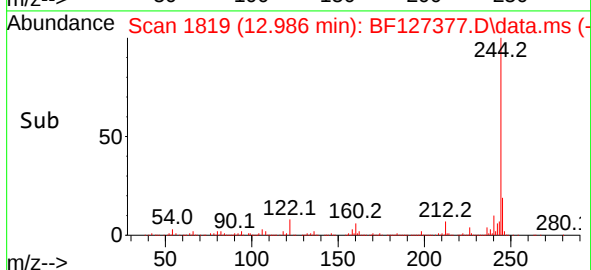
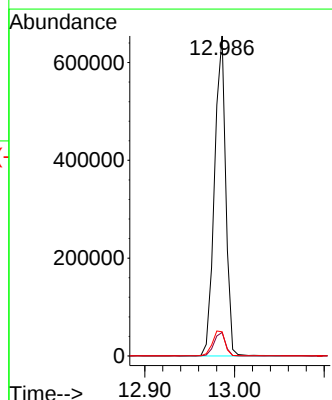
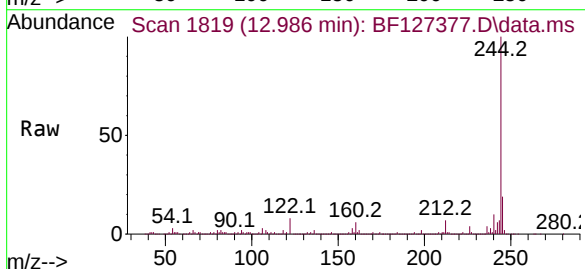
Tgt Ion:244 Resp: 569280

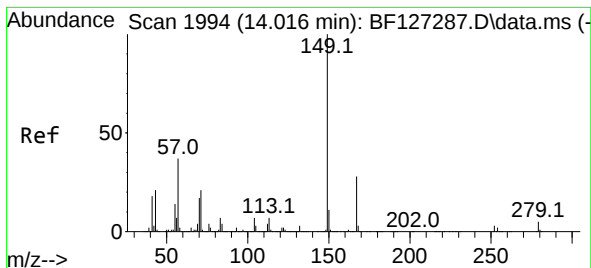
Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 7.6 13.3 19.9#

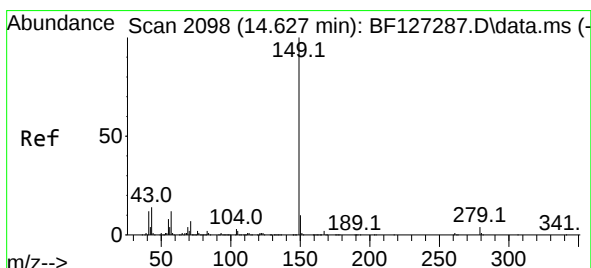
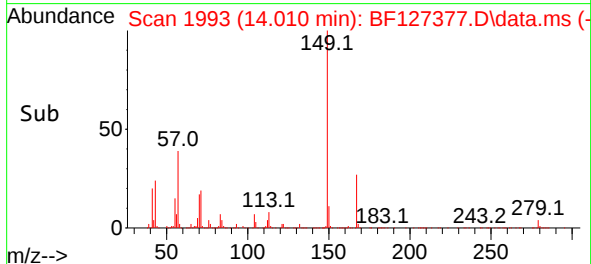
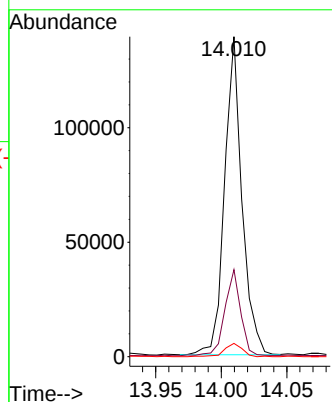
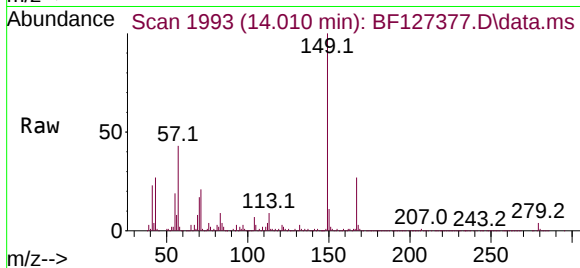




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.708 ng
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF127377.D
 Acq: 17 Mar 2022 15:47

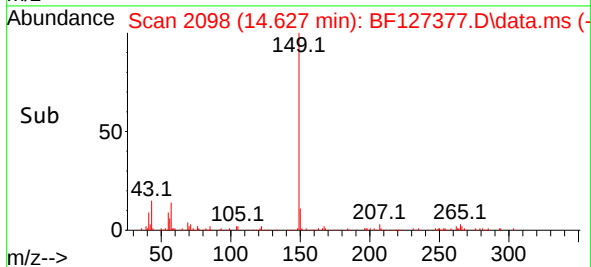
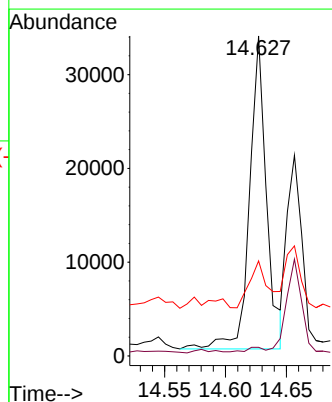
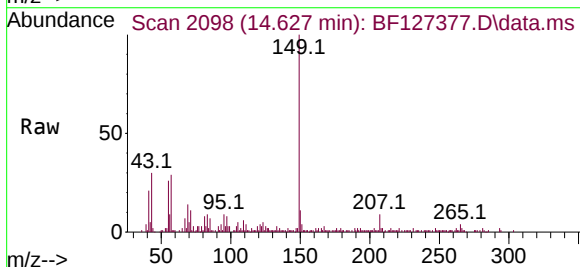
Instrument :
 BNA_F
 ClientSampleId :
 7PH-1-7.5-8

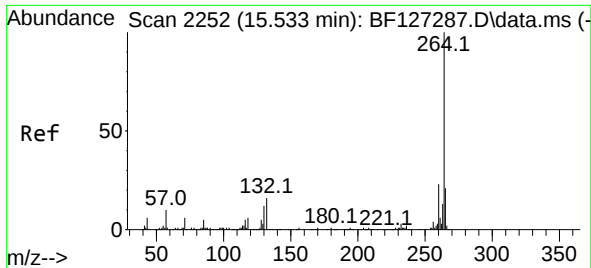
Tgt Ion:149 Resp: 127916
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.2
 279 4.1 2.4 3.6#



#85
 Di-n-octyl phthalate
 Concen: 3.126 ng
 RT: 14.627 min Scan# 2098
 Delta R.T. -0.000 min
 Lab File: BF127377.D
 Acq: 17 Mar 2022 15:47

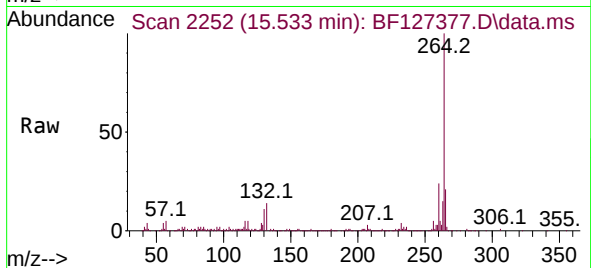
Tgt Ion:149 Resp: 32355
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 15.1 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127377.D
Acq: 17 Mar 2022 15:47

Instrument :
BNA_F
ClientSampleId :
7PH-1-7.5-8



Tgt Ion:264 Resp: 147415

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.4	26.2

