

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127527.D
 Acq On : 25 Mar 2022 15:50
 Operator : CG\JU
 Sample : N2076-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322

Quant Time: Mar 25 17:27:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

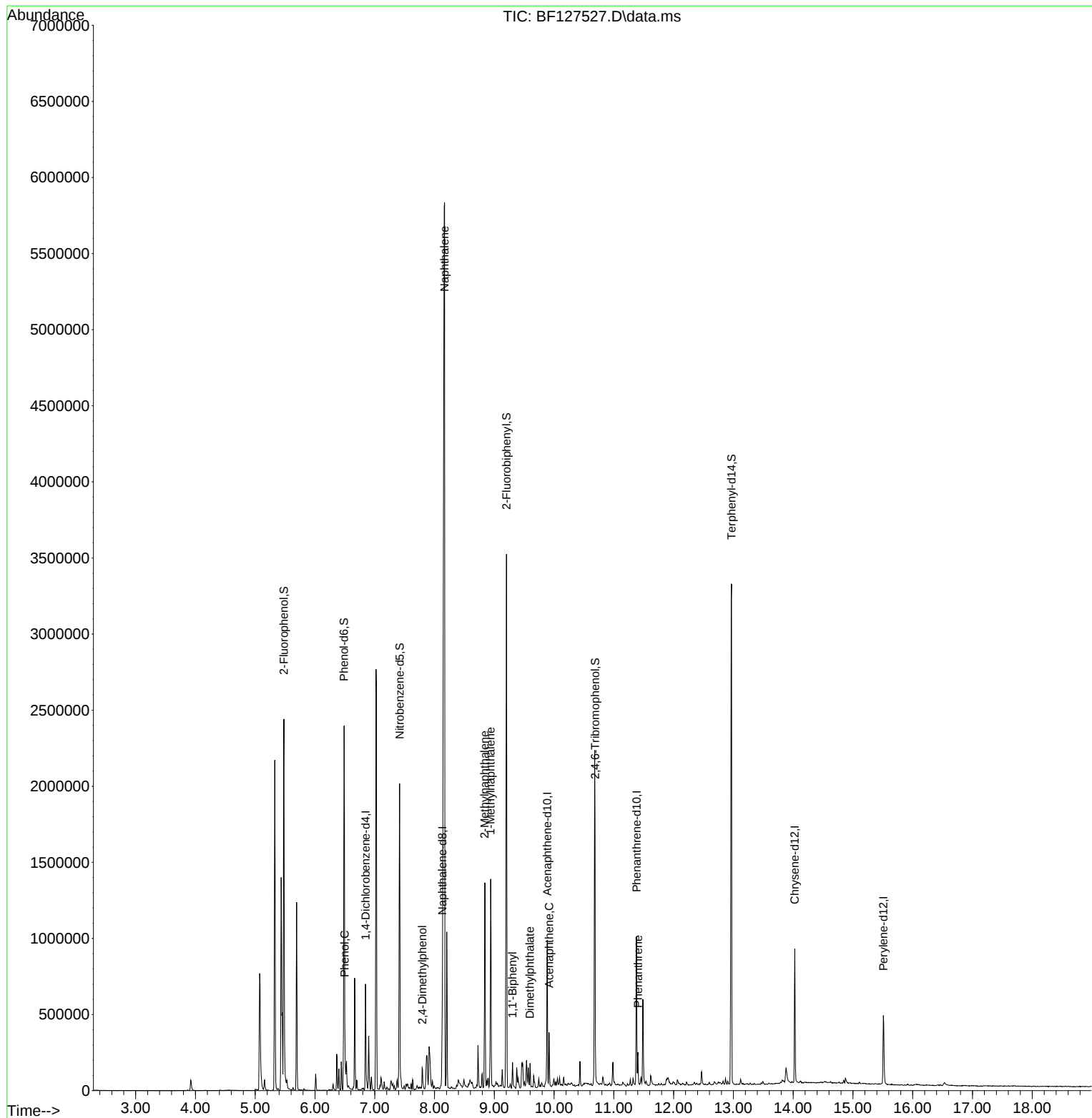
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88911	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	316306	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194325	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	363295	20.000	ng	0.00
76) Chrysene-d12	14.027	240	292256	20.000	ng	0.00
86) Perylene-d12	15.509	264	204371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	633780	113.783	ng	0.01
7) Phenol-d6	6.486	99	812056	106.655	ng	0.00
23) Nitrobenzene-d5	7.416	82	640388	86.542	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	272127	131.459	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1085139	81.541	ng	0.00
79) Terphenyl-d14	12.968	244	1280231	71.710	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.498	94	39655	4.782	ng	86
27) 2,4-Dimethylphenol	7.798	122	10623	2.386	ng	94
31) Naphthalene	8.169	128	4084638	243.232	ng	97
37) 2-Methylnaphthalene	8.839	142	368084	34.088	ng	99
38) 1-Methylnaphthalene	8.939	142	322920	30.243	ng	98
46) 1,1'-Biphenyl	9.304	154	37682	2.567	ng	99
50) Dimethylphthalate	9.598	163	52881	3.912	ng	96
52) Acenaphthene	9.916	154	67288	6.601	ng	98
71) Phenanthrene	11.404	178	76013	4.013	ng	97

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

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Misc :
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
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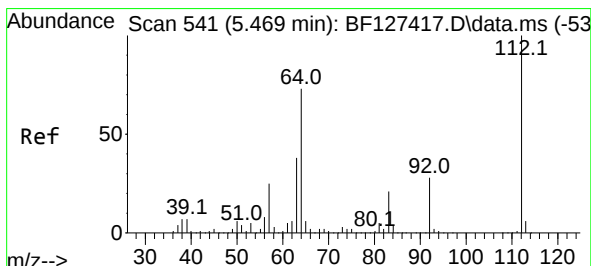
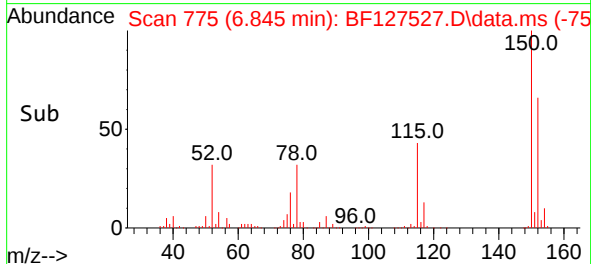
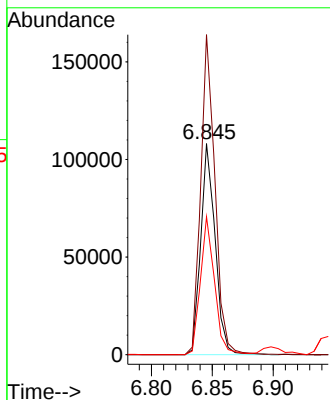
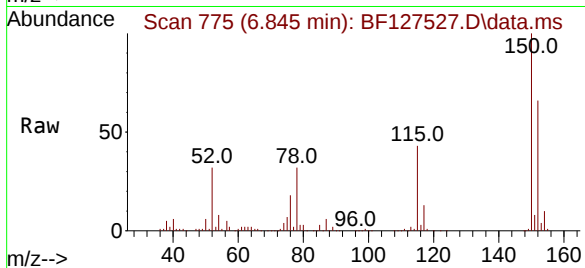




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

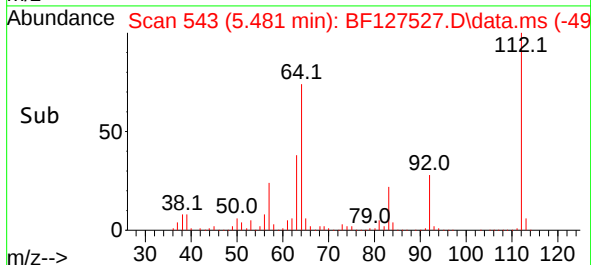
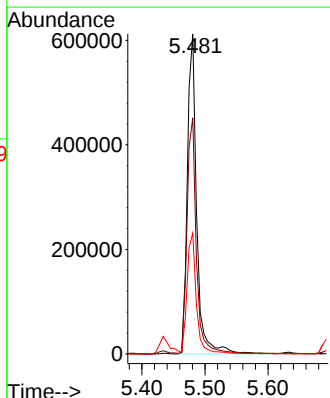
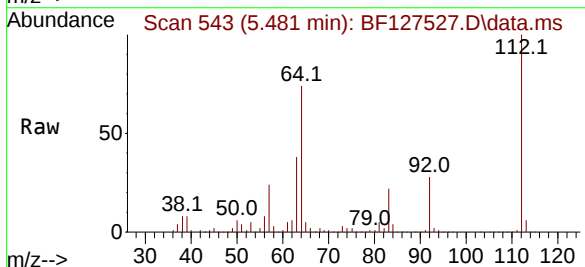
Instrument :
BNA_F
ClientSampleId :
WC-20220322

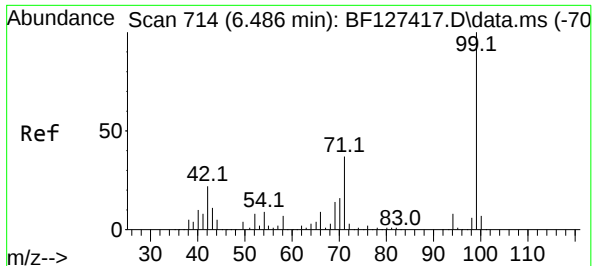
Tgt Ion:152 Resp: 88911
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 65.4 49.8 74.6



#5
2-Fluorophenol
Concen: 113.783 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:112 Resp: 633780
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 37.8 30.1 45.1

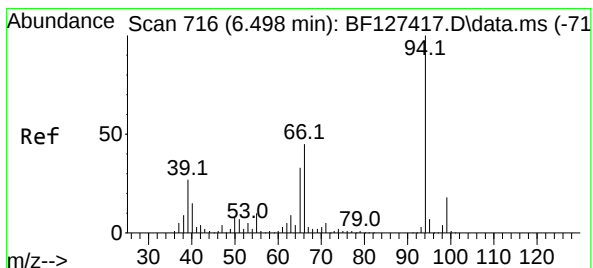
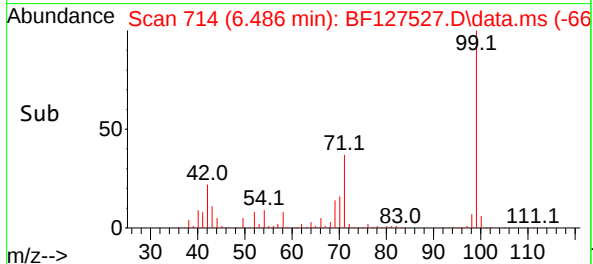
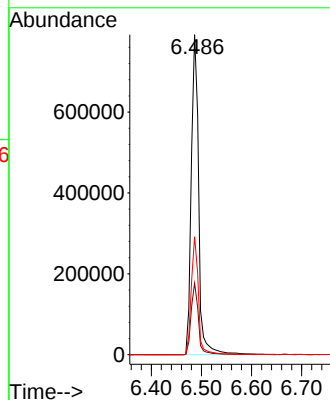
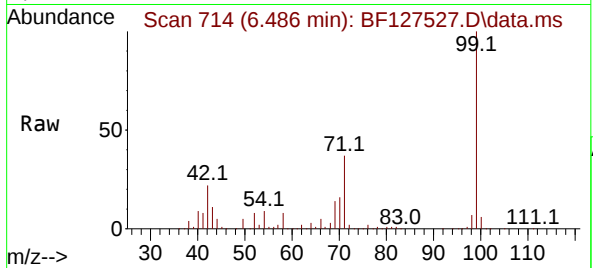




#7
Phenol-d6
Concen: 106.655 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

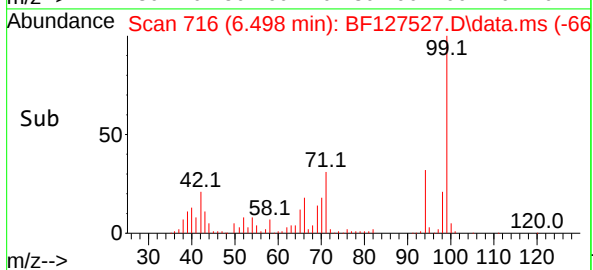
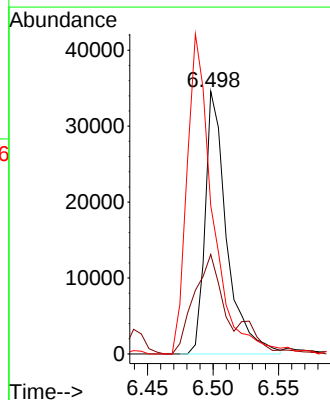
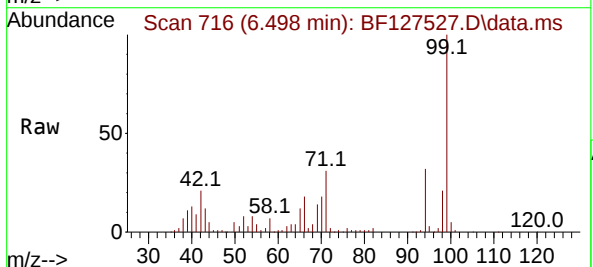
Instrument :
BNA_F
ClientSampleId :
WC-20220322

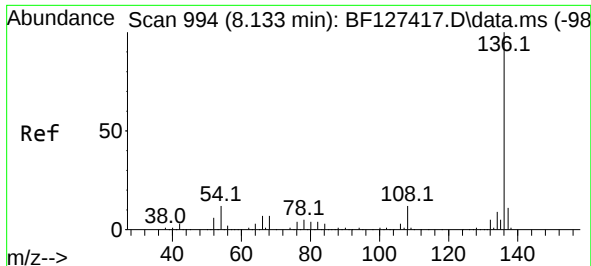
Tgt Ion: 99 Resp: 812056
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 36.8 29.6 44.4



#10
Phenol
Concen: 4.782 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion: 94 Resp: 39655
Ion Ratio Lower Upper
94 100
65 37.9 13.1 53.1
66 56.5 24.9 64.9

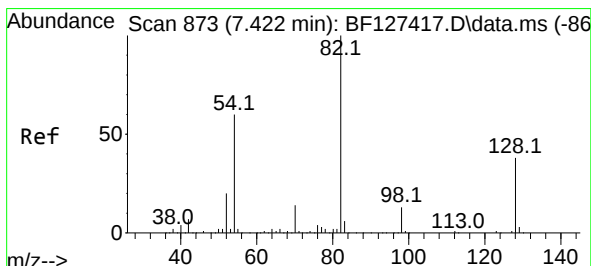
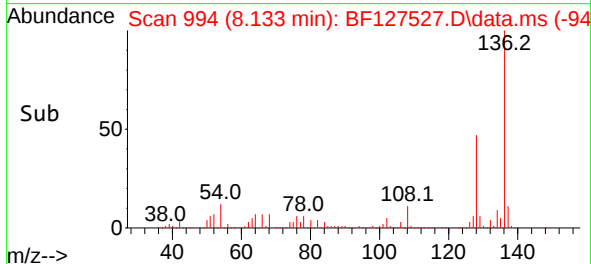
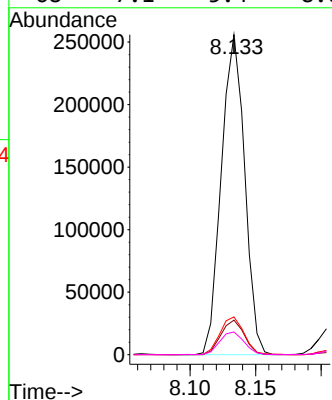
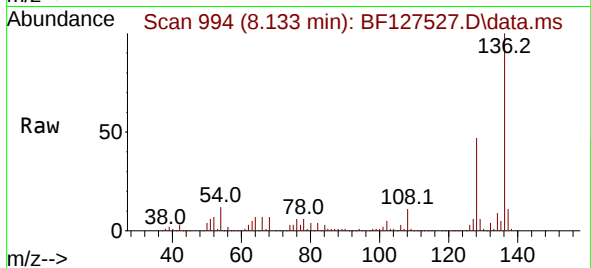




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

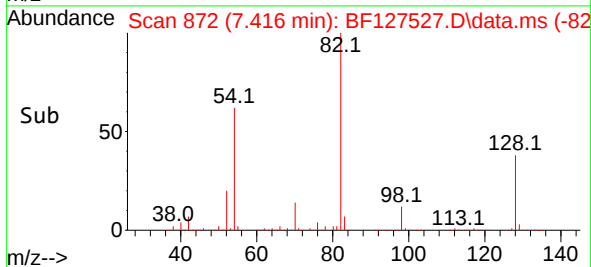
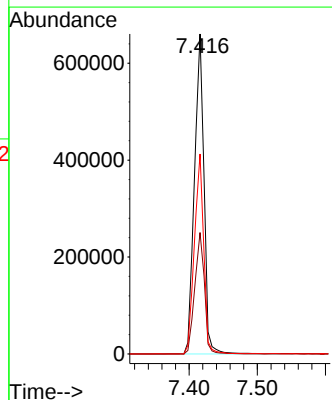
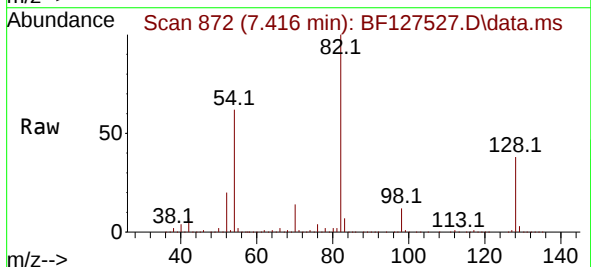
Instrument :
BNA_F
ClientSampleId :
WC-20220322

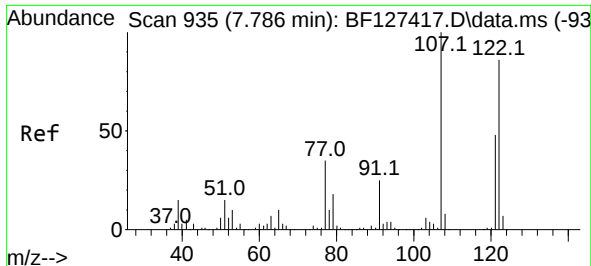
Tgt Ion:136 Resp: 316306
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.8 9.2 13.8
68 7.1 5.4 8.0



#23
Nitrobenzene-d5
Concen: 86.542 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion: 82 Resp: 640388
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 62.5 48.2 72.2

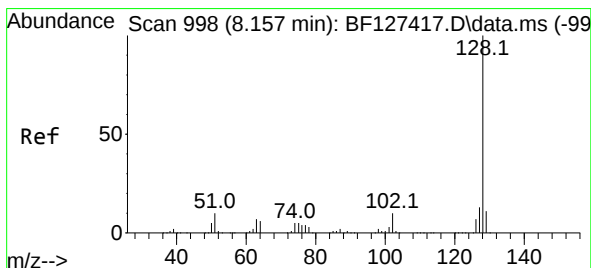
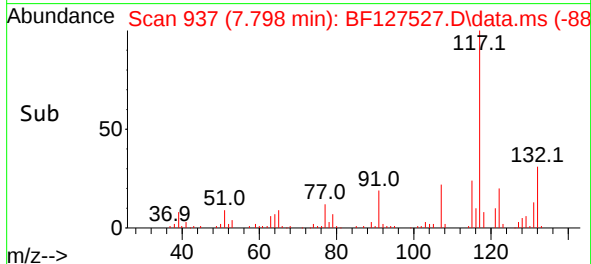
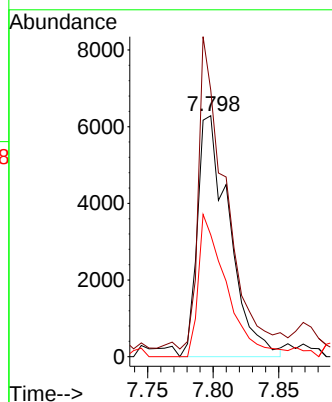
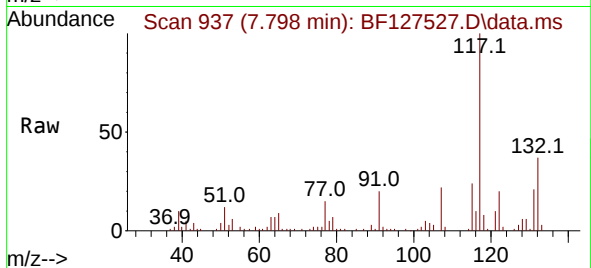




#27
2,4-Dimethylphenol
Concen: 2.386 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

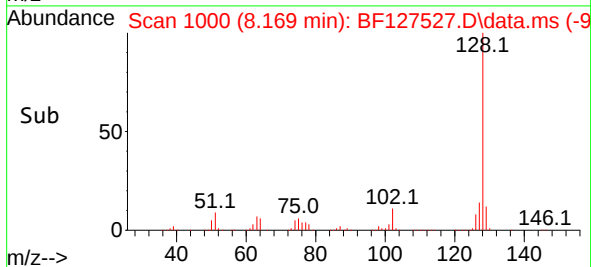
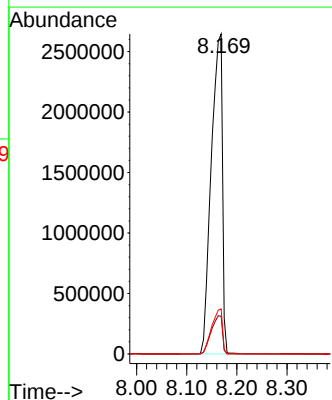
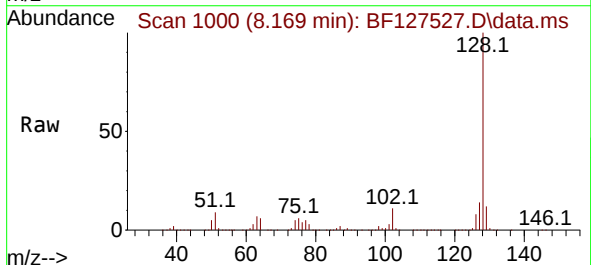
Instrument :
BNA_F
ClientSampleId :
WC-20220322

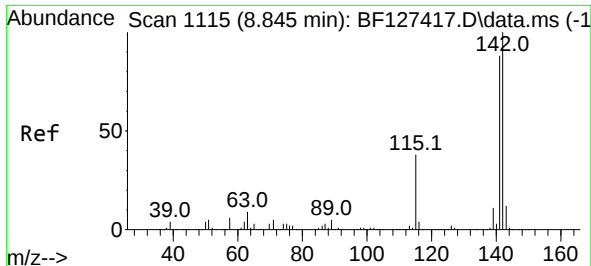
Tgt Ion:	122	Resp:	10623
Ion	Ratio	Lower	Upper
122	100		
107	110.6	93.0	139.4
121	50.6	44.9	67.3



#31
Naphthalene
Concen: 243.232 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:	128	Resp:	4084638
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	14.1	10.2	15.2





#37

2-Methylnaphthalene

Concen: 34.088 ng

RT: 8.839 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

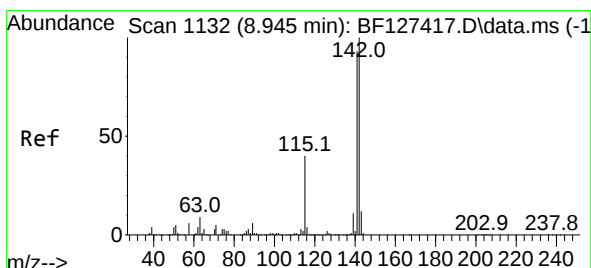
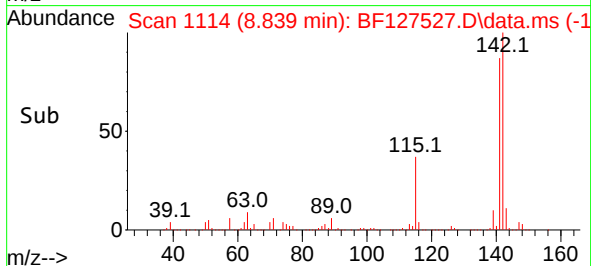
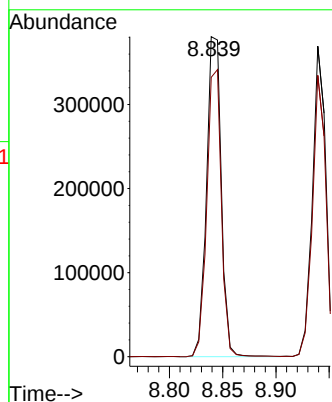
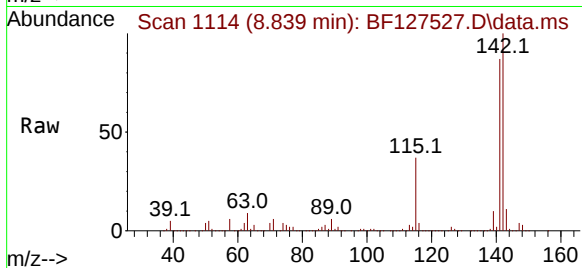
WC-20220322

Tgt Ion:142 Resp: 368084

Ion Ratio Lower Upper

142 100

141 87.3 70.6 106.0



#38

1-Methylnaphthalene

Concen: 30.243 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF127527.D

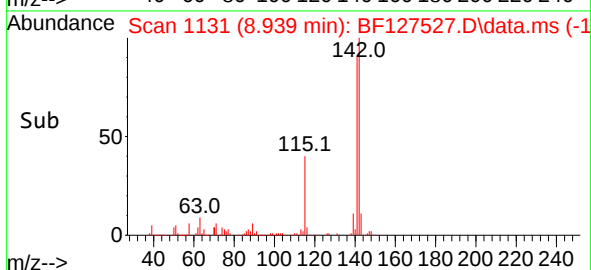
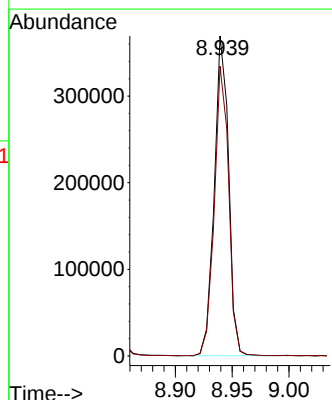
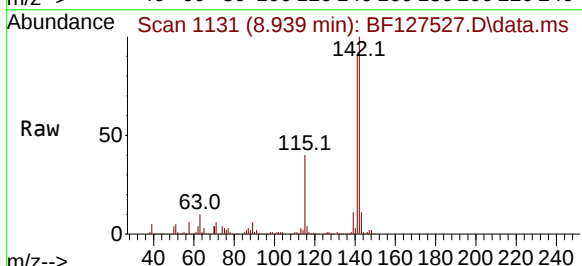
Acq: 25 Mar 2022 15:50

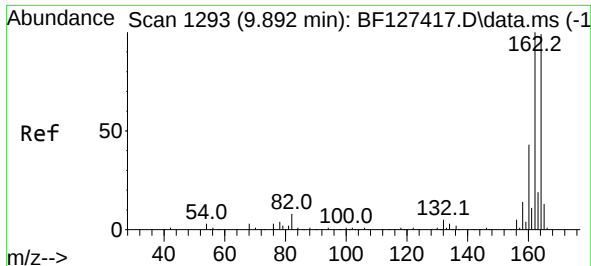
Tgt Ion:142 Resp: 322920

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-20220322

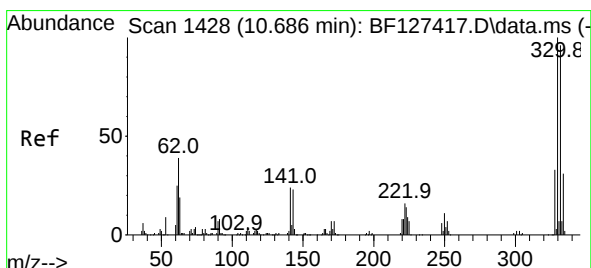
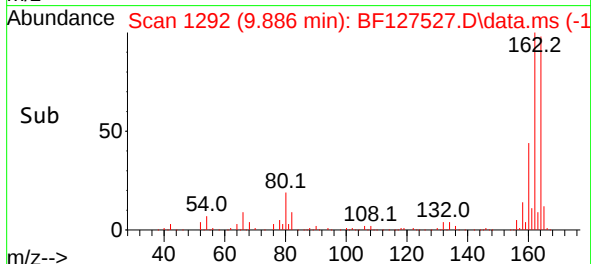
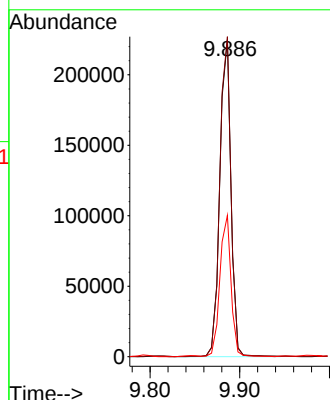
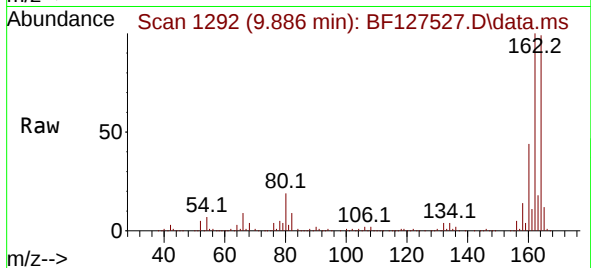
Tgt Ion:164 Resp: 194325

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

160 44.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 131.459 ng

RT: 10.686 min Scan# 1428

Delta R.T. -0.000 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

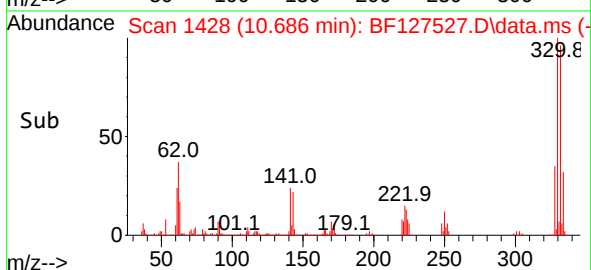
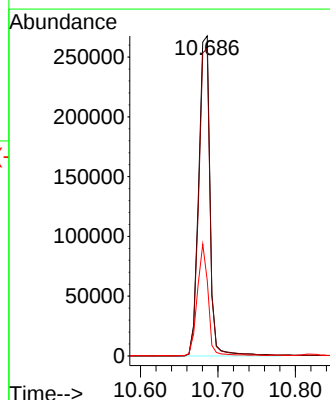
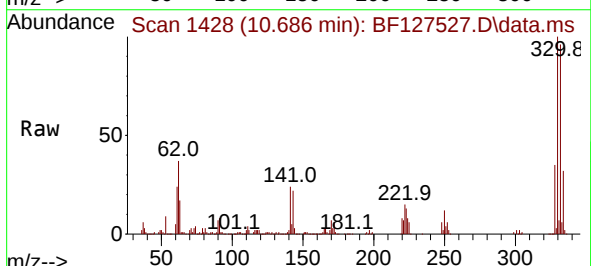
Tgt Ion:330 Resp: 272127

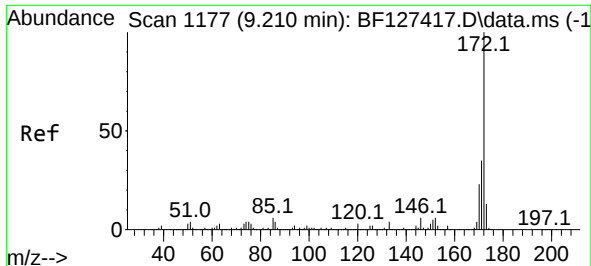
Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

141 33.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.541 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

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WC-20220322

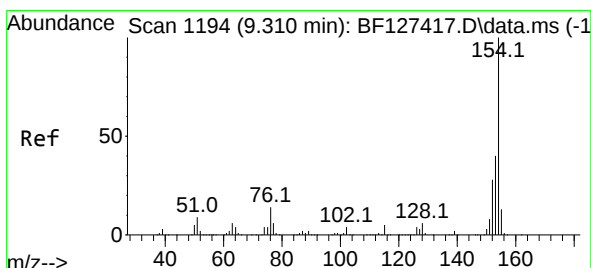
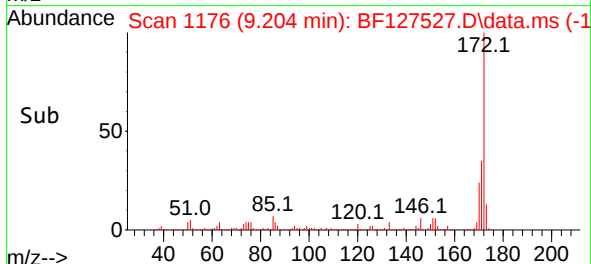
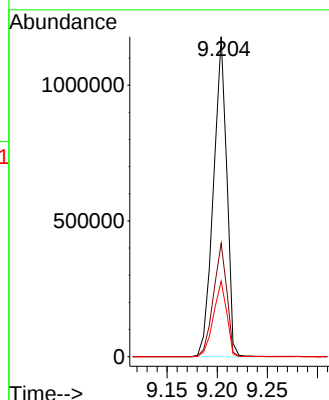
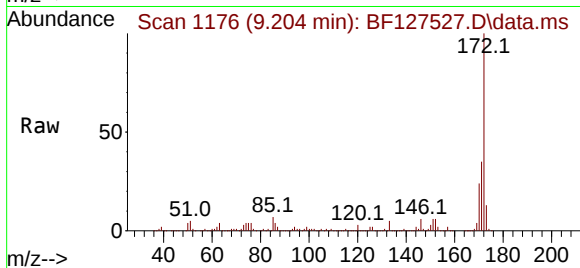
Tgt Ion:172 Resp: 1085139

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 2.567 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

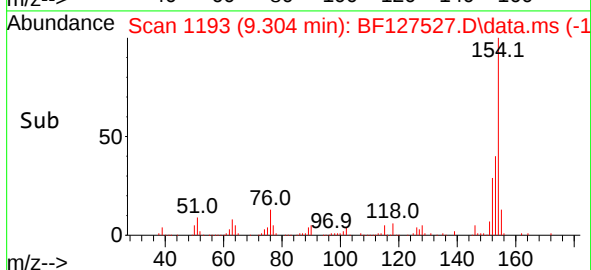
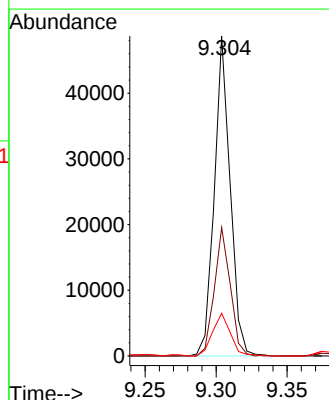
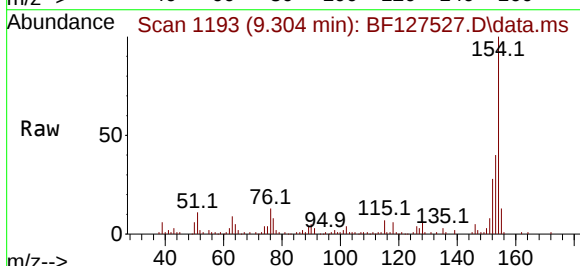
Tgt Ion:154 Resp: 37682

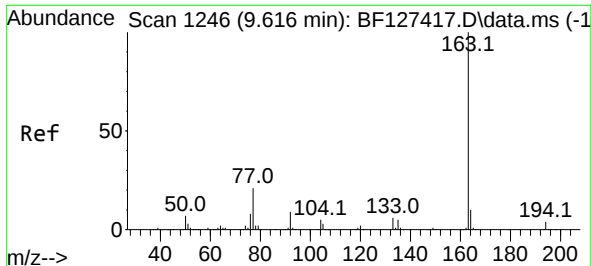
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.3 0.0 33.9

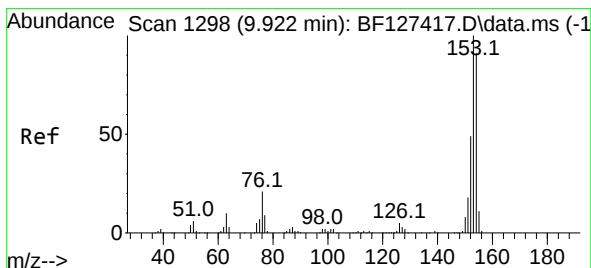
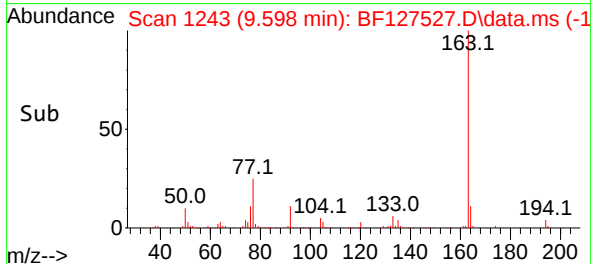
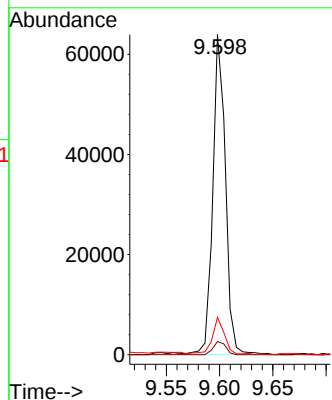
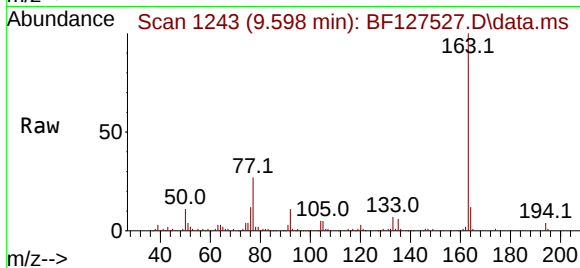




#50
Dimethylphthalate
Concen: 3.912 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

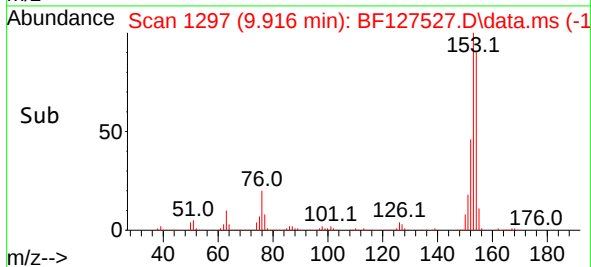
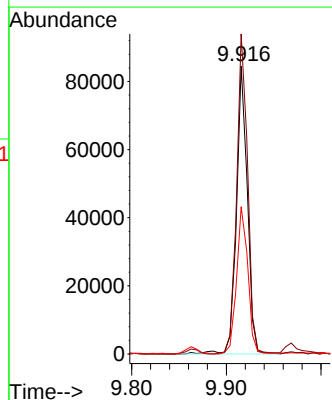
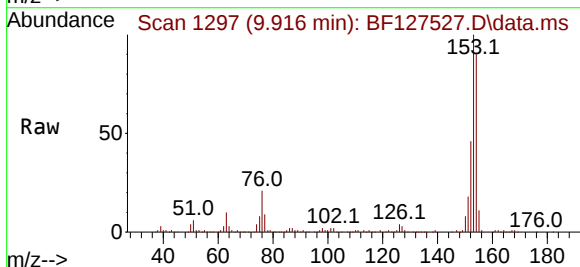
Instrument :
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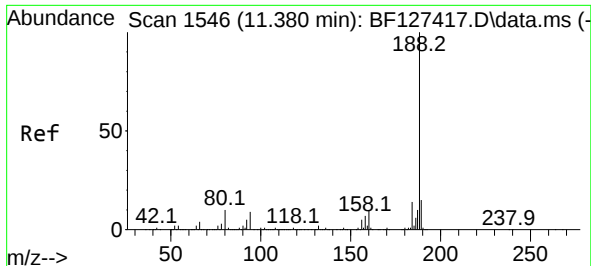
Tgt Ion:163 Resp: 52881
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.7 7.8 11.8



#52
Acenaphthene
Concen: 6.601 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:154 Resp: 67288
Ion Ratio Lower Upper
154 100
153 111.1 87.6 131.4
152 51.1 42.9 64.3

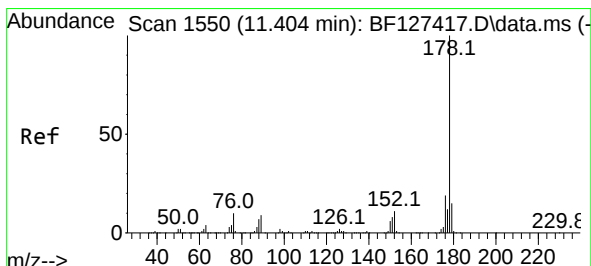
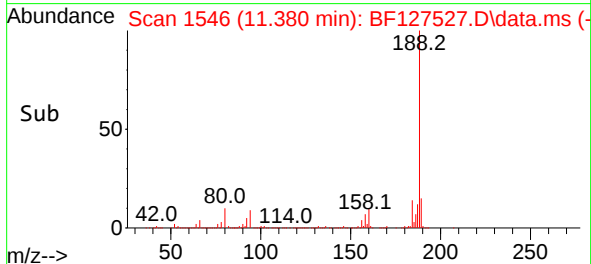
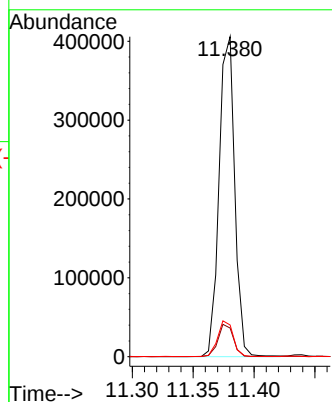
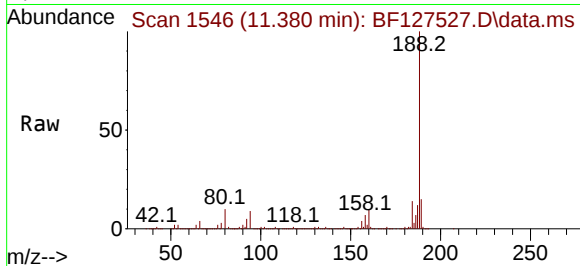




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

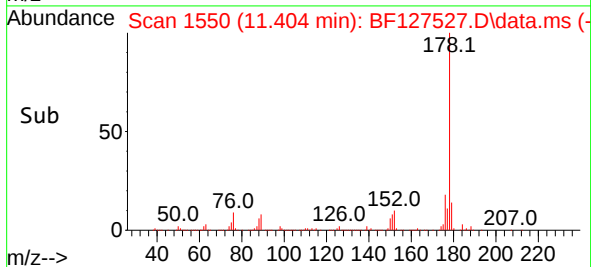
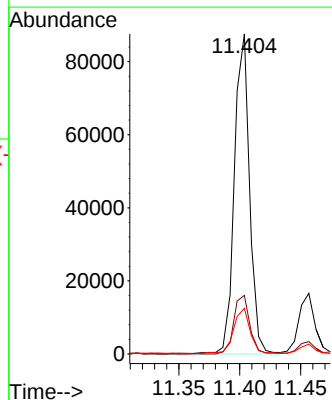
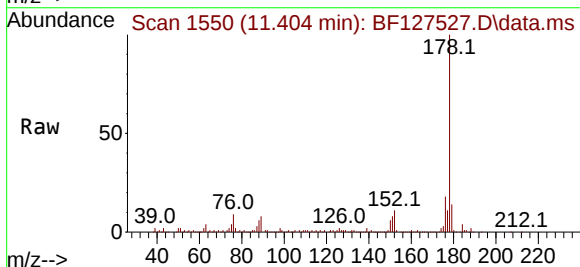
Instrument :
BNA_F
ClientSampleId :
WC-20220322

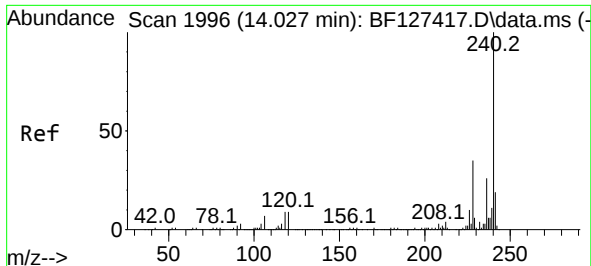
Tgt Ion:188 Resp: 363295
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.9 8.0 12.0



#71
Phenanthrene
Concen: 4.013 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:178 Resp: 76013
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 14.3 12.4 18.6

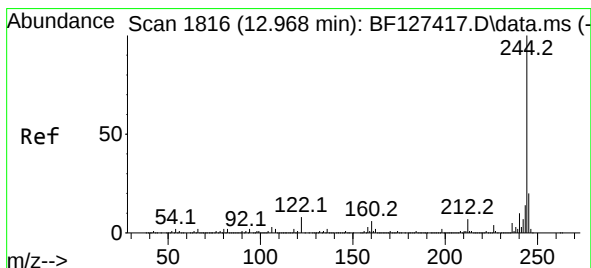
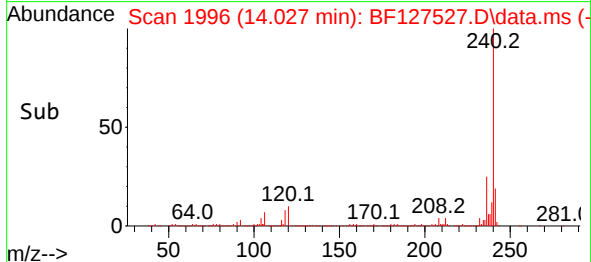
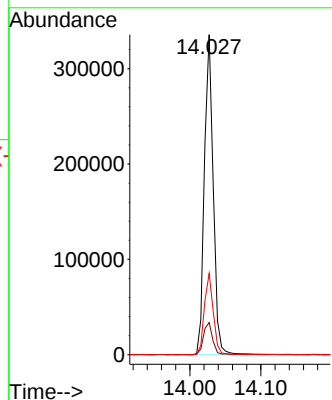
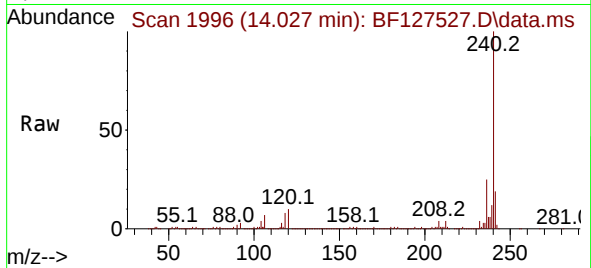




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

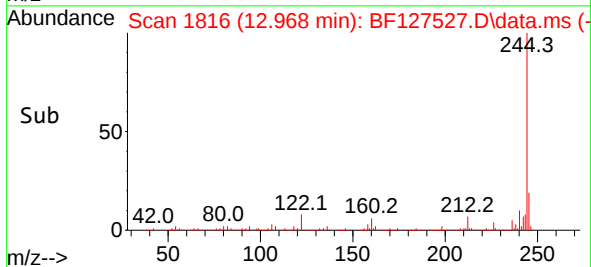
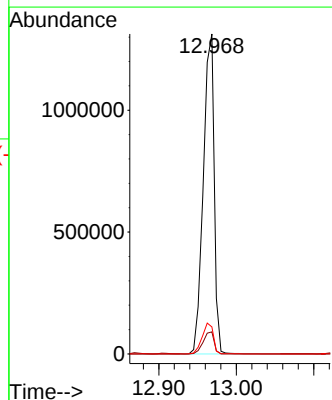
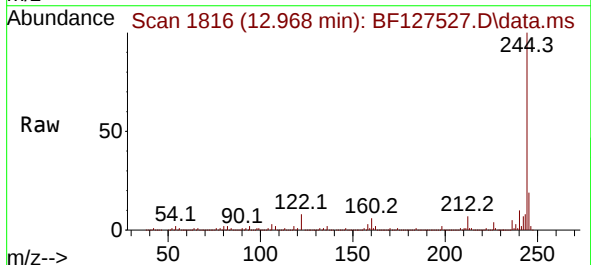
Instrument :
BNA_F
ClientSampleId :
WC-20220322

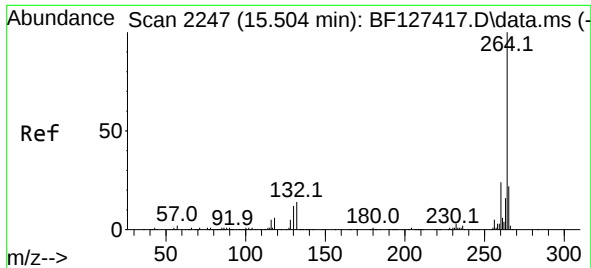
Tgt Ion:240 Resp: 292256
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 71.710 ng
RT: 12.968 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

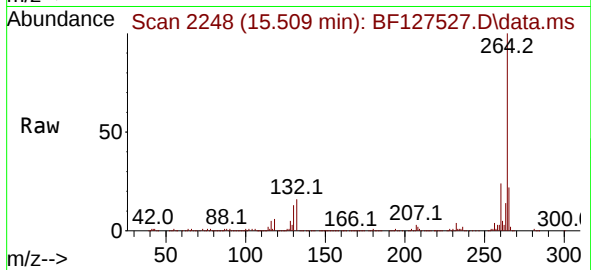
Tgt Ion:244 Resp: 1280231
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.5 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Instrument :
BNA_F
ClientSampleId :
WC-20220322



Tgt Ion:264 Resp: 204371

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.6	17.4	26.2

