

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127455.D
 Acq On : 22 Mar 2022 16:51
 Operator : CG\JU
 Sample : N1908-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1b

Quant Time: Mar 23 03:01:39 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)

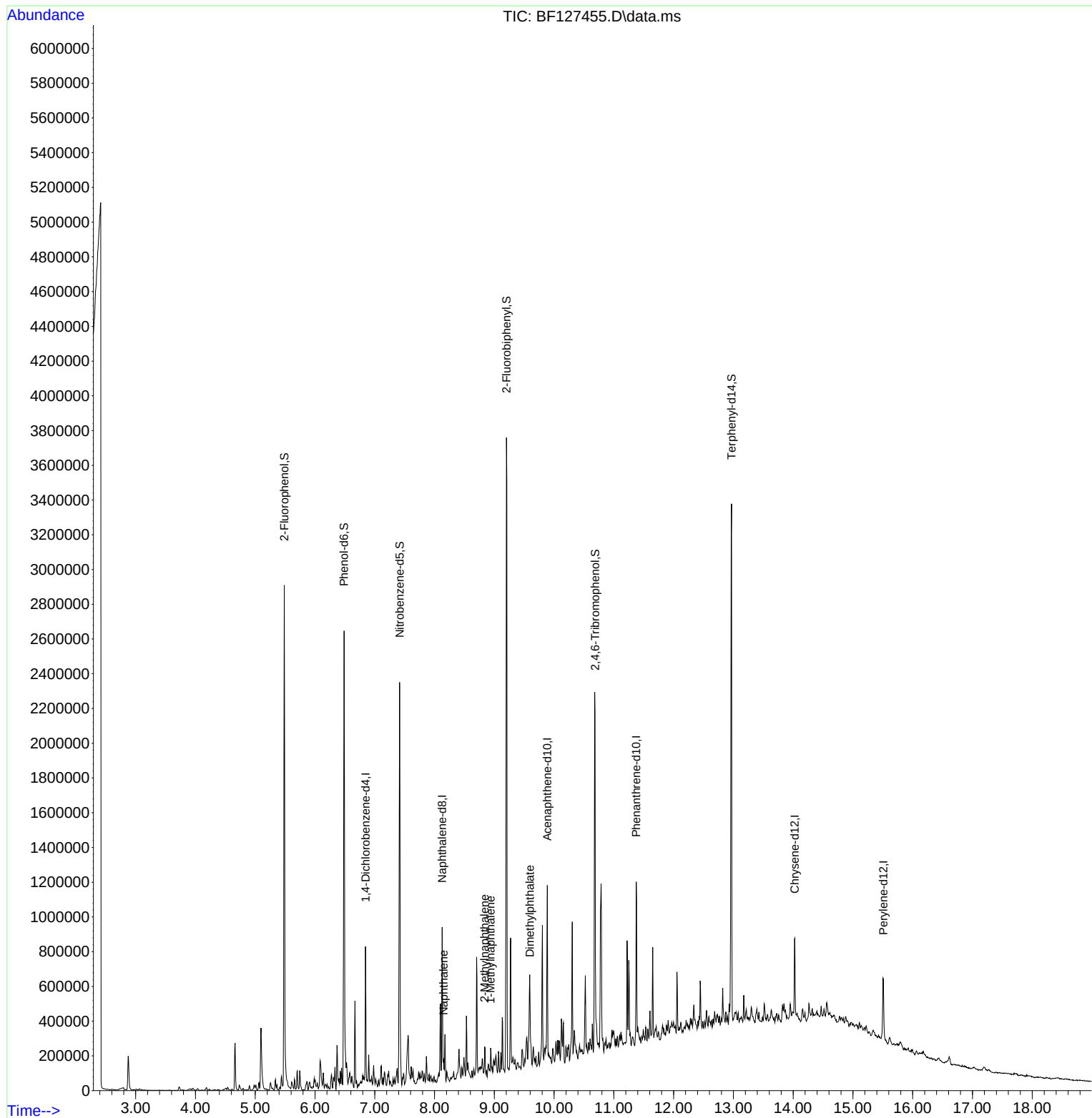
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85901	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329770	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194921	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	332395	20.000	ng	0.00
76) Chrysene-d12	14.027	240	178408	20.000	ng	0.00
86) Perylene-d12	15.510	264	178680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	752161	139.767	ng	0.02
7) Phenol-d6	6.487	99	947024	128.740	ng	0.00
23) Nitrobenzene-d5	7.416	82	753134	97.623	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	308128	148.395	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1283969	96.187	ng	0.00
79) Terphenyl-d14	12.969	244	1189923	109.184	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	35269	2.014	ng	99
37) 2-Methylnaphthalene	8.839	142	42342	3.761	ng	96
38) 1-Methylnaphthalene	8.939	142	36237	3.255	ng	95
50) Dimethylphthalate	9.598	163	53803	3.968	ng	97

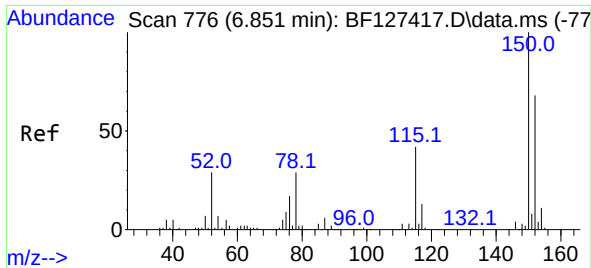
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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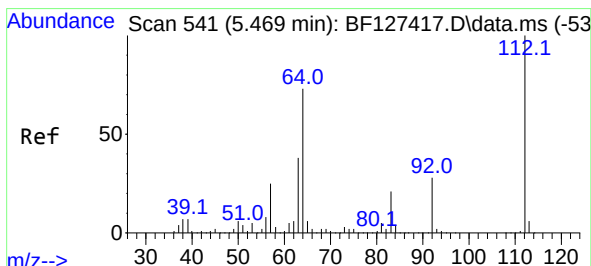
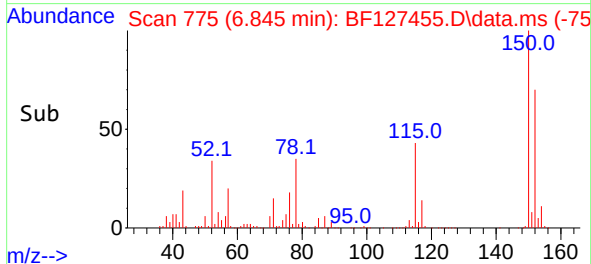
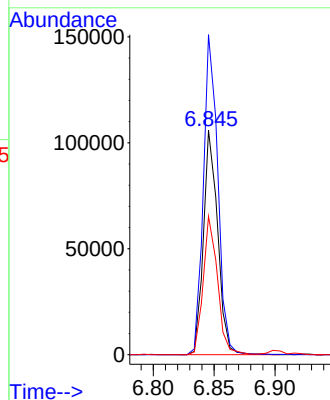
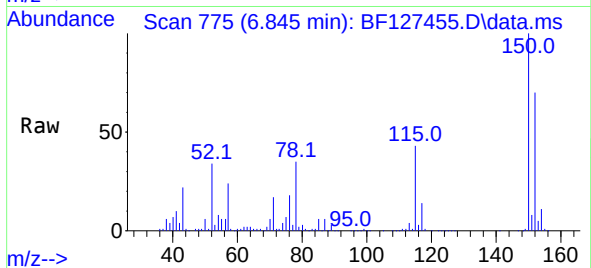




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

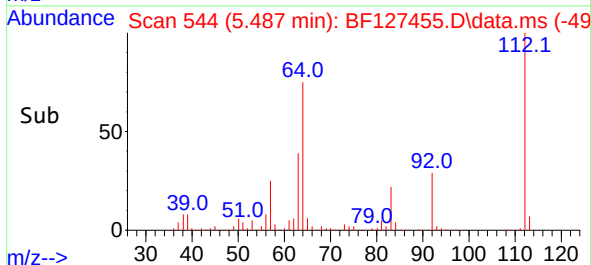
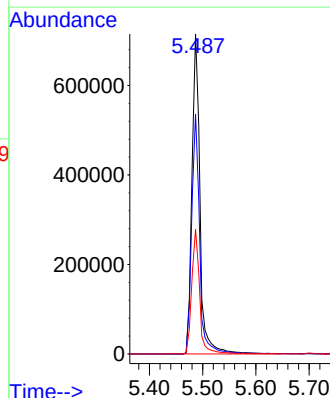
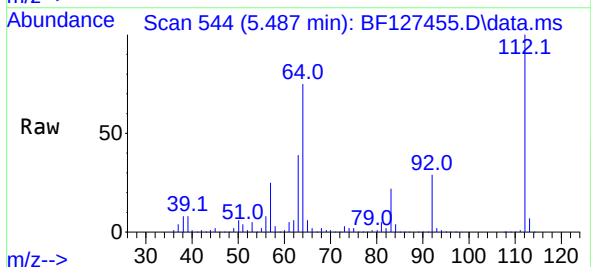
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

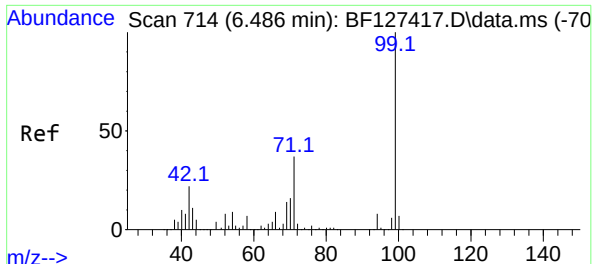
Tgt Ion:152 Resp: 85901
Ion Ratio Lower Upper
152 100
150 142.7 117.2 175.8
115 61.7 49.8 74.6



#5
2-Fluorophenol
Concen: 139.767 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

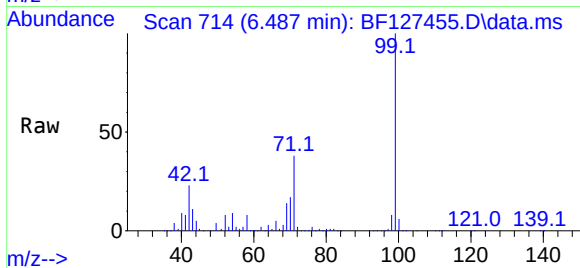
Tgt Ion:112 Resp: 752161
Ion Ratio Lower Upper
112 100
64 75.0 58.4 87.6
63 38.9 30.1 45.1





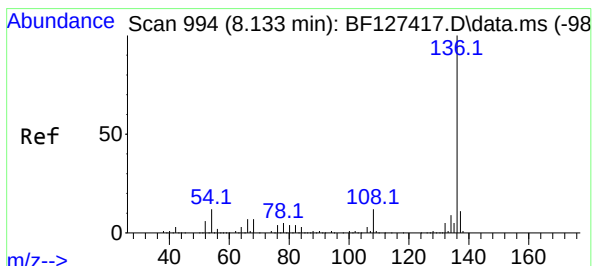
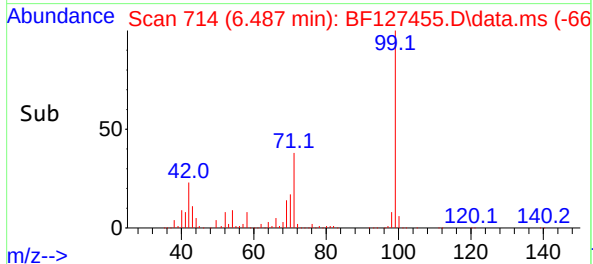
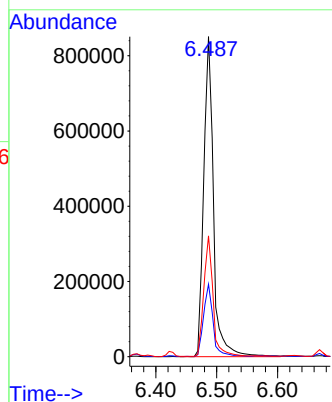
#7
Phenol-d6
Concen: 128.740 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Instrument :
BNA_F
ClientSampleId :
WC-14A-1b



Tgt Ion: 99 Resp: 947024

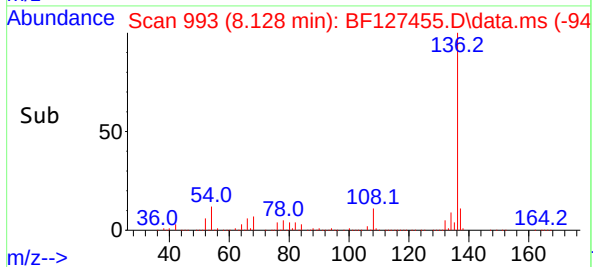
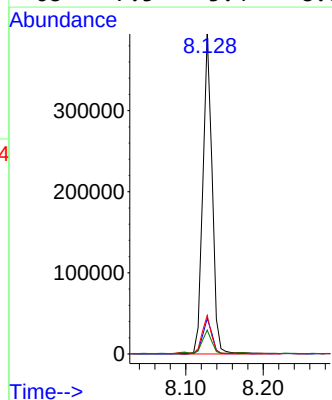
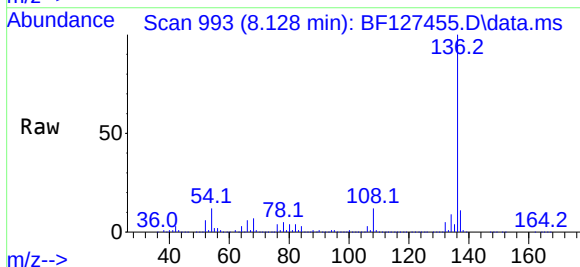
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.8	26.6
71	37.8	29.6	44.4

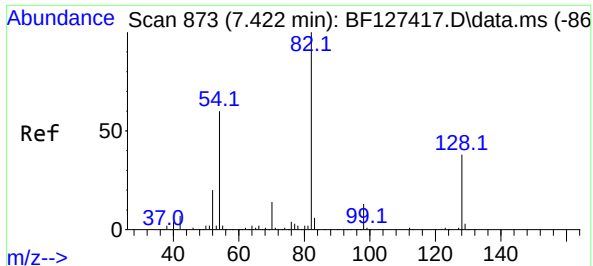


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion: 136 Resp: 329770

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	12.0	9.2	13.8
68	7.5	5.4	8.0

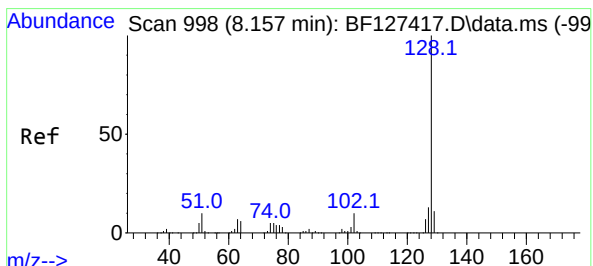
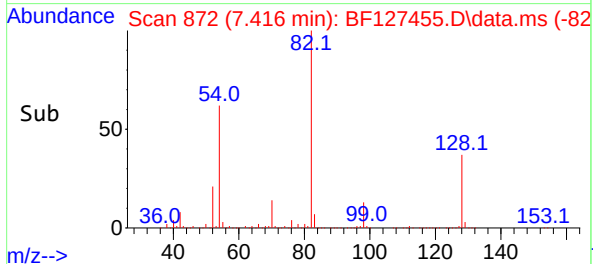
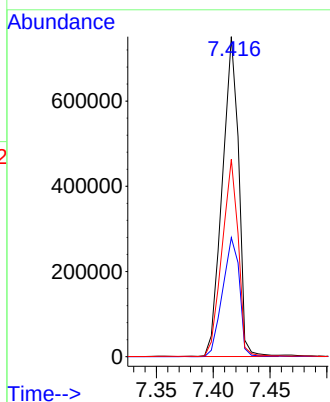
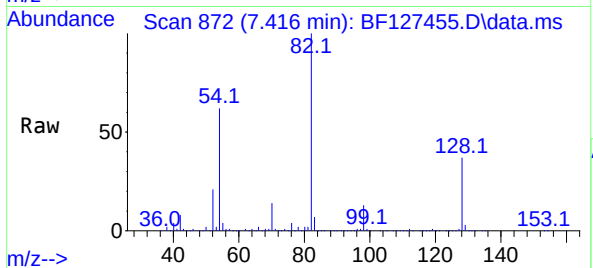




#23
Nitrobenzene-d5
Concen: 97.623 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

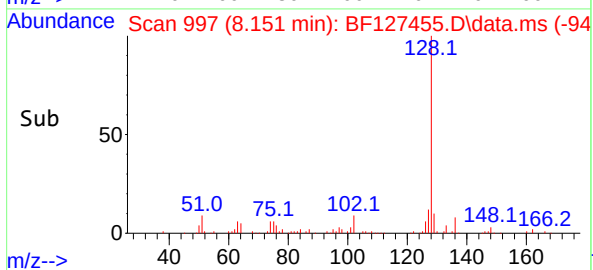
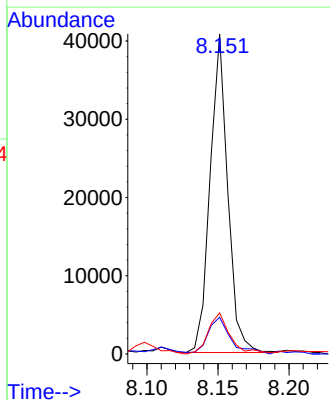
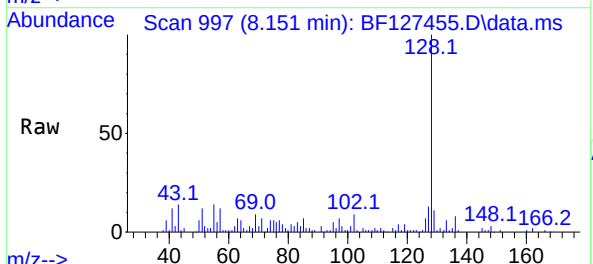
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

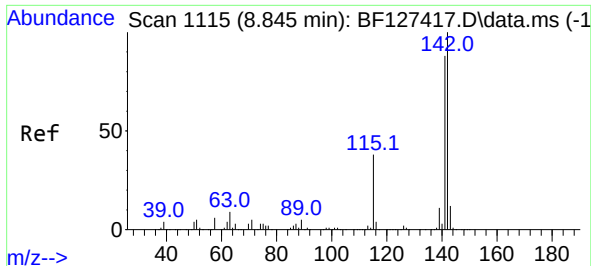
Tgt Ion: 82 Resp: 753134
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 61.7 48.2 72.2



#31
Naphthalene
Concen: 2.014 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:128 Resp: 35269
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 12.9 10.2 15.2

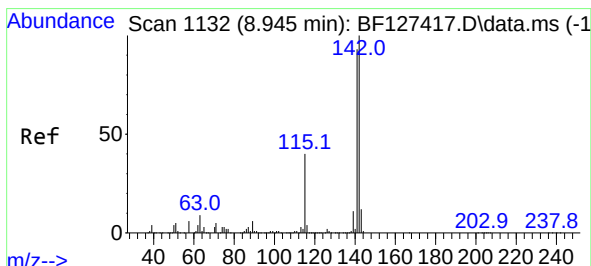
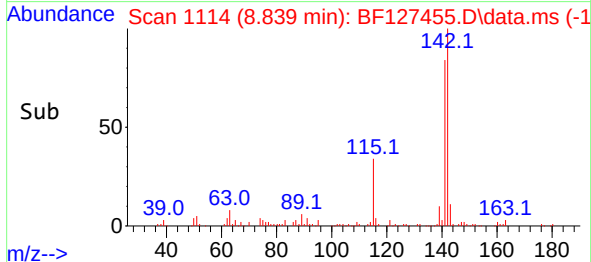
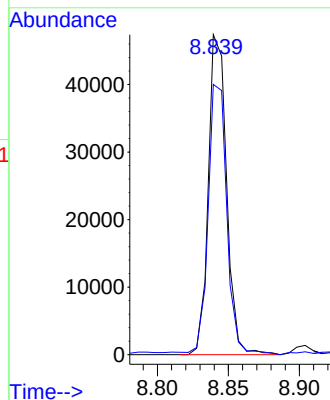
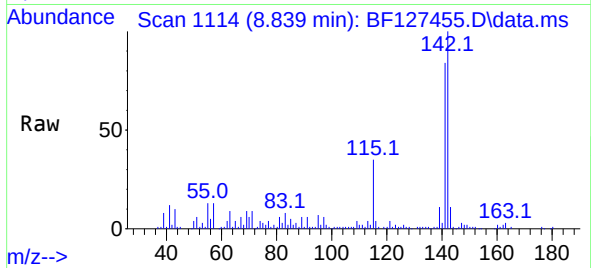




#37
2-Methylnaphthalene
Concen: 3.761 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

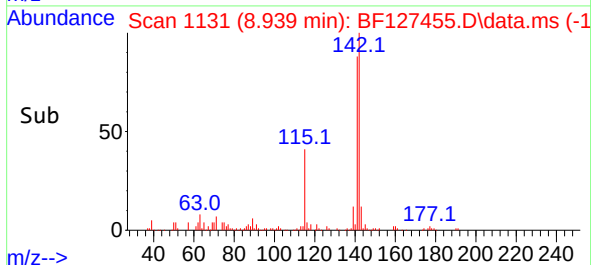
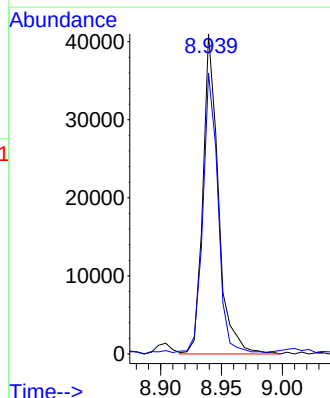
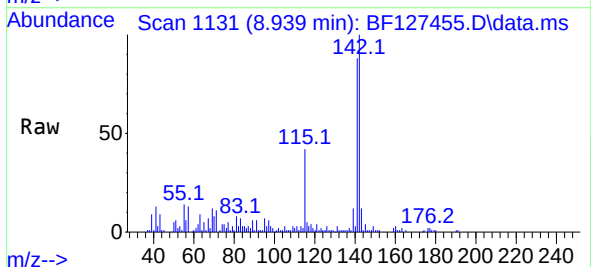
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

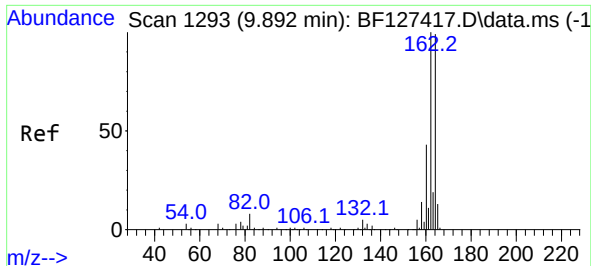
Tgt Ion:142 Resp: 42342
Ion Ratio Lower Upper
142 100
141 84.4 70.6 106.0



#38
1-Methylnaphthalene
Concen: 3.255 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:142 Resp: 36237
Ion Ratio Lower Upper
142 100
141 87.6 74.2 111.2

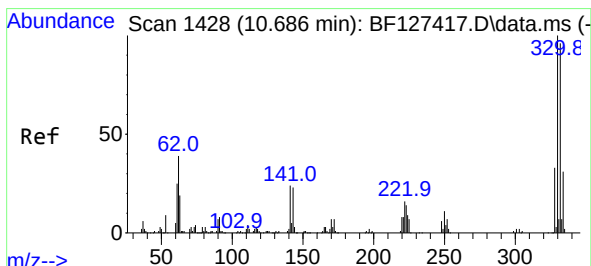
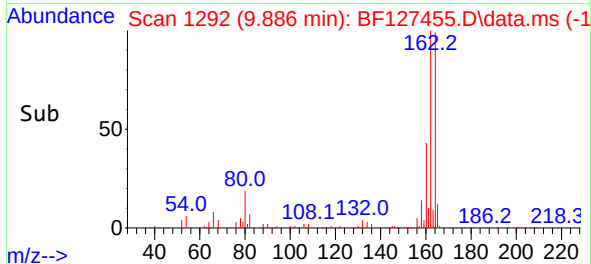
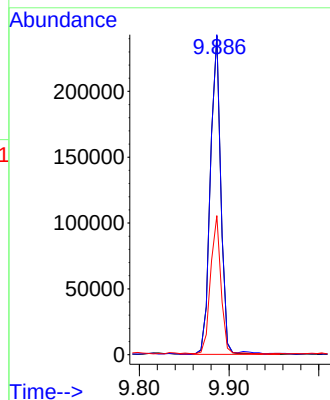
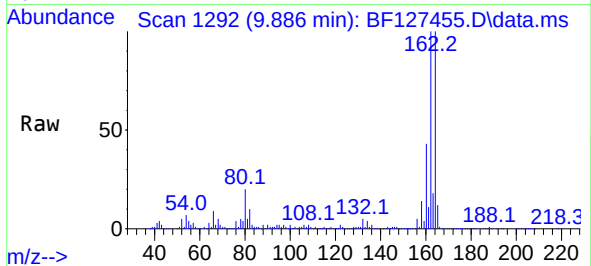




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

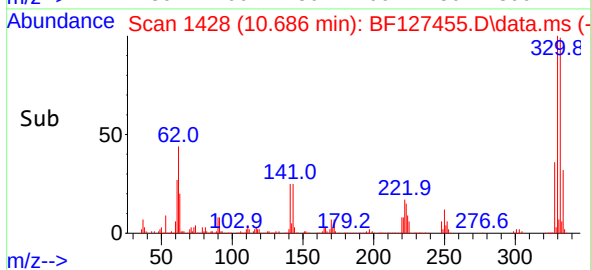
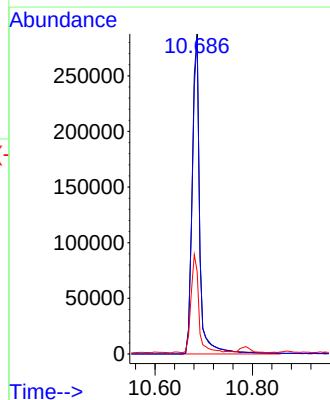
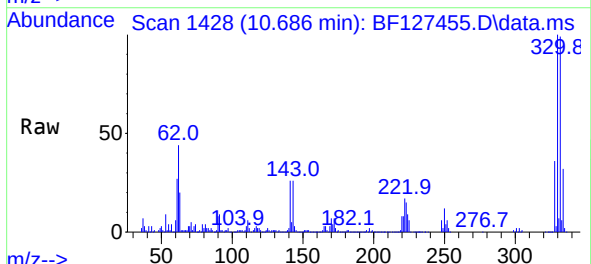
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

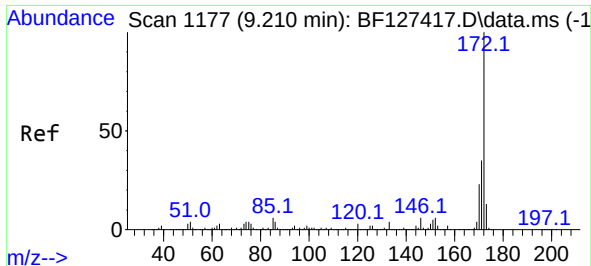
Tgt Ion:164 Resp: 194921
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 148.395 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:330 Resp: 308128
Ion Ratio Lower Upper
330 100
332 98.0 79.1 118.7
141 31.8 26.2 39.4

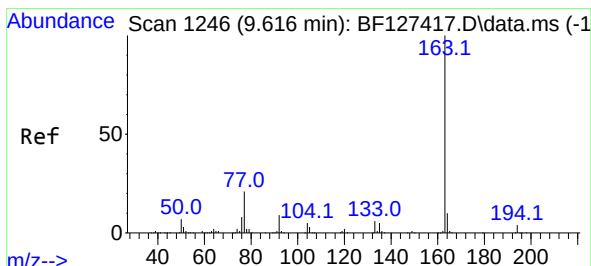
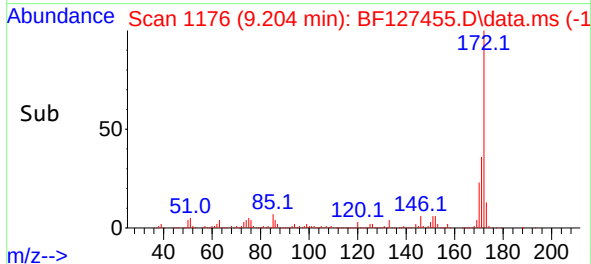
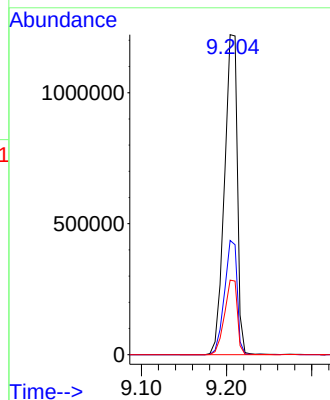
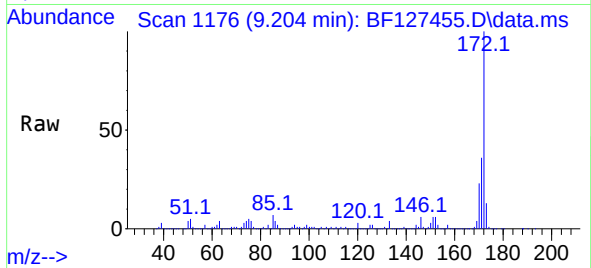




#45
2-Fluorobiphenyl
Concen: 96.187 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

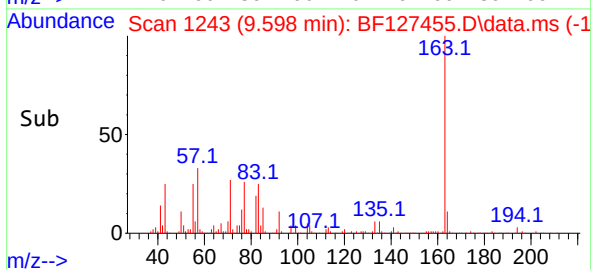
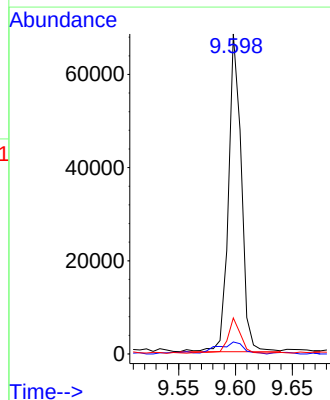
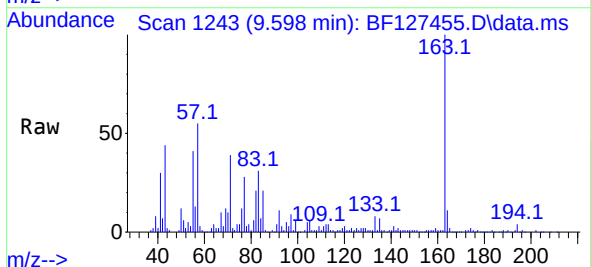
Instrument :
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WC-14A-1b

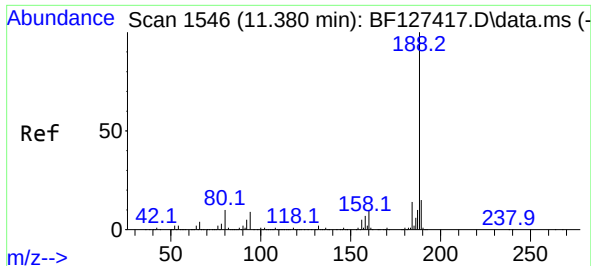
Tgt Ion:172 Resp: 1283969
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.3 18.6 27.8



#50
Dimethylphthalate
Concen: 3.968 ng
RT: 9.598 min Scan# 1243
Delta R.T. -0.018 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:163 Resp: 53803
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 11.2 7.8 11.8

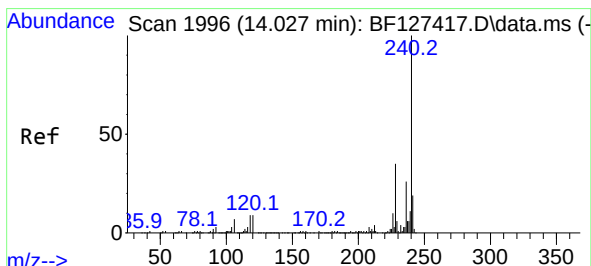
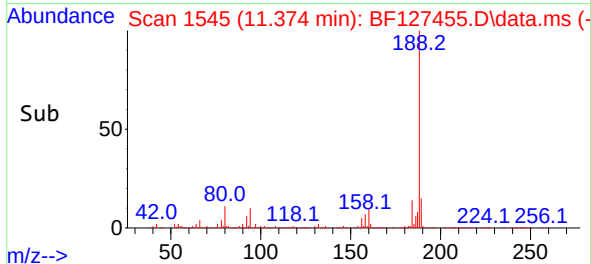
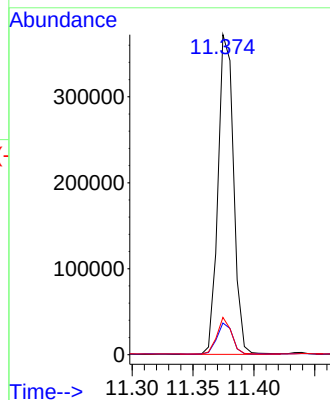
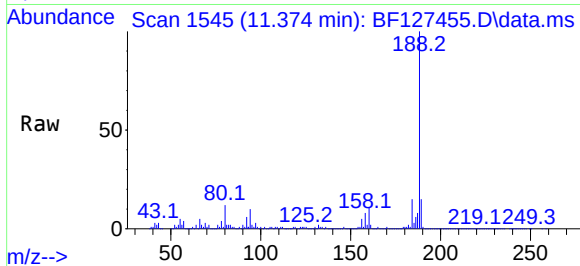




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

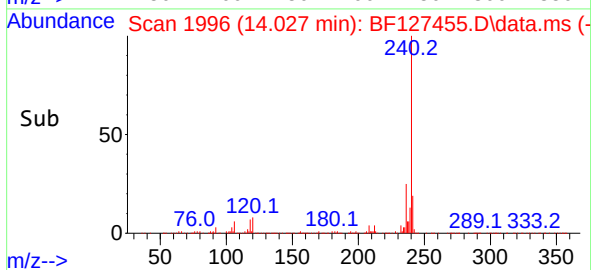
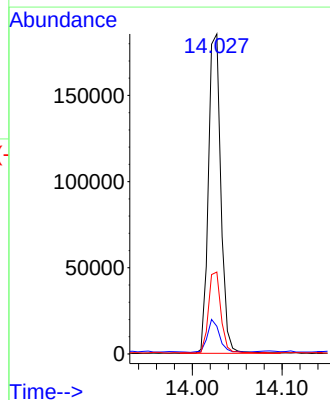
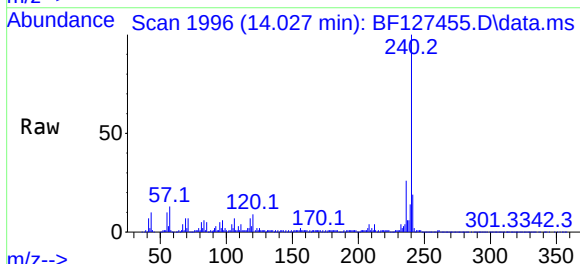
Instrument :
BNA_F
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WC-14A-1b

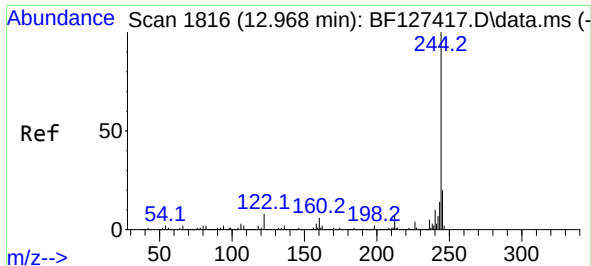
Tgt Ion:188 Resp: 332395
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:240 Resp: 178408
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 25.6 20.7 31.1



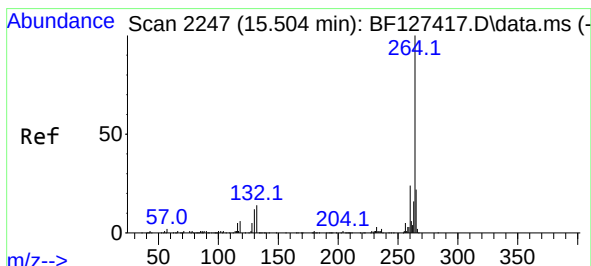
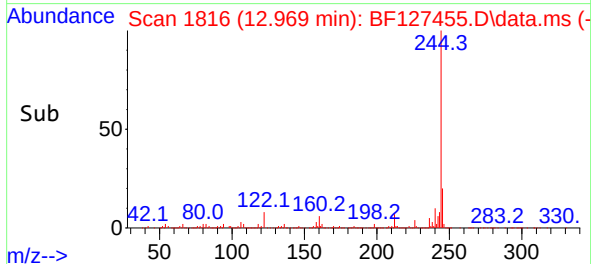
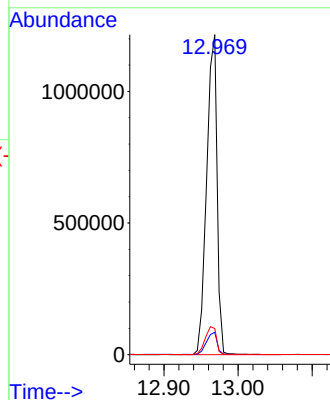
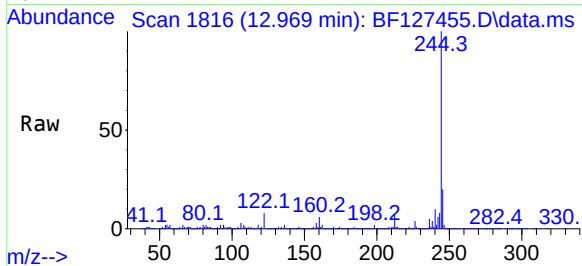


#79
 Terphenyl-d14
 Concen: 109.184 ng
 RT: 12.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127455.D
 Acq: 22 Mar 2022 16:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1b

Tgt Ion:244 Resp: 1189923

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.2	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127455.D
 Acq: 22 Mar 2022 16:51

Tgt Ion:264 Resp: 178680

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.2	17.4	26.2

