

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123067.D
 Acq On : 28 Jan 2021 19:12
 Operator : JU/CG
 Sample : M1254-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-5

Quant Time: Jan 28 23:42:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

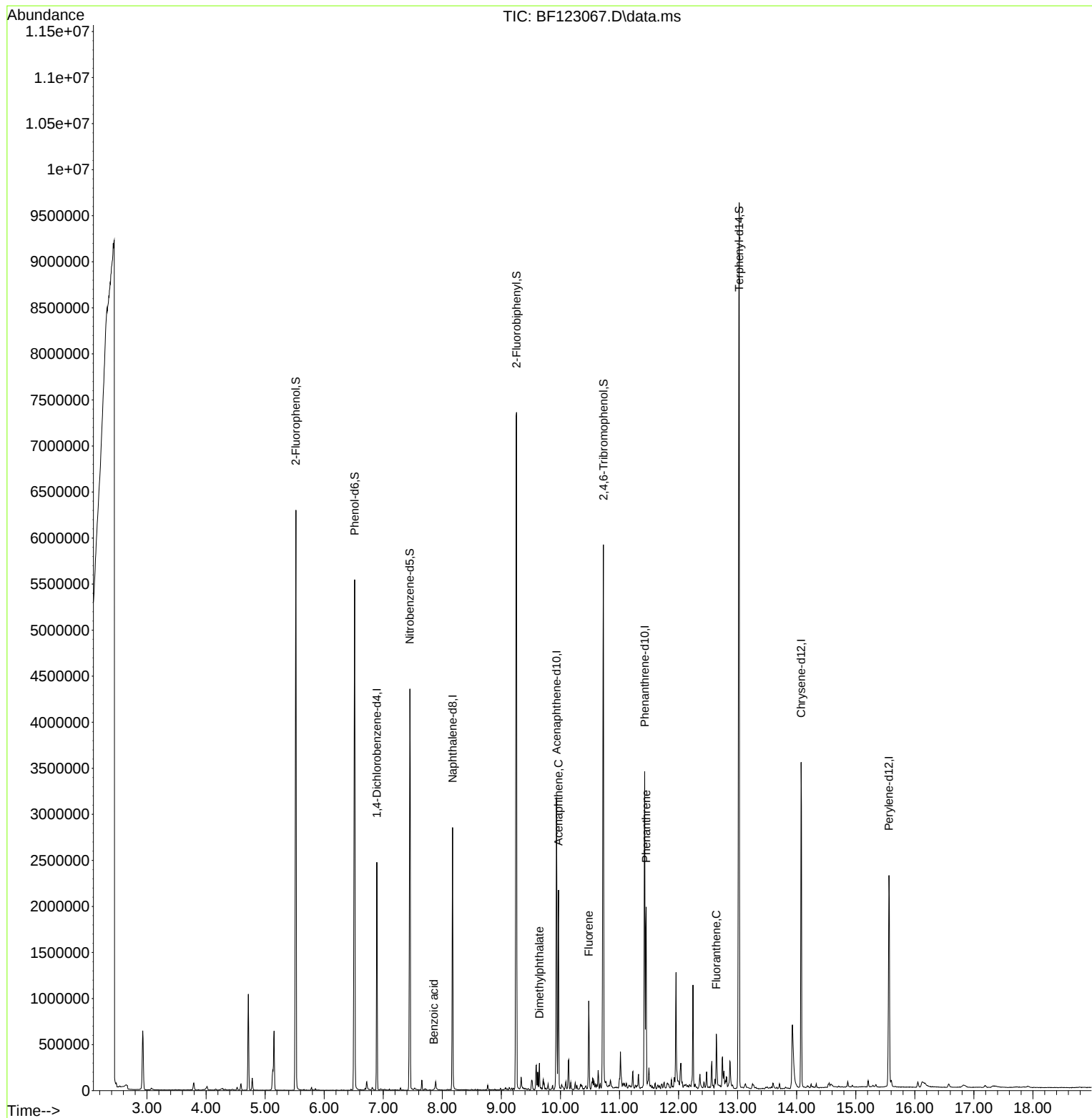
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	318313	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1212491	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	673237	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1265998	20.00	ng	0.00
76) Chrysene-d12	14.074	240	1204703	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	1049659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1900605	92.10	ng	0.02
7) Phenol-d6	6.516	99	2255378	80.63	ng	0.00
23) Nitrobenzene-d5	7.451	82	1563156	64.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	808416	110.62	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2728102	60.24	ng	0.00
79) Terphenyl-d14	13.027	244	3476498	56.70	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	7.857	122	4887	5.21	ng	# 80
50) Dimethylphthalate	9.645	163	110123	2.08	ng	99
52) Acenaphthene	9.969	154	474279	10.91	ng	99
58) Fluorene	10.480	166	250956	4.97	ng	97
71) Phenanthrene	11.451	178	718767	9.14	ng	98
75) Fluoranthene	12.639	202	207119	2.64	ng	97

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

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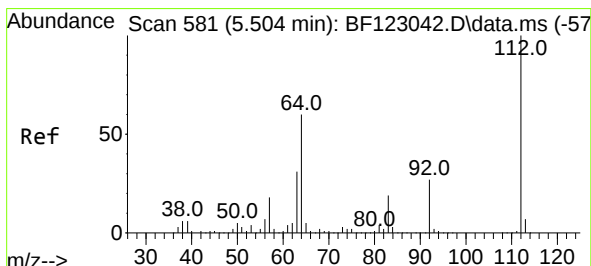
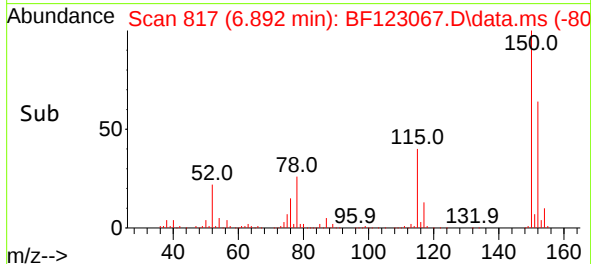
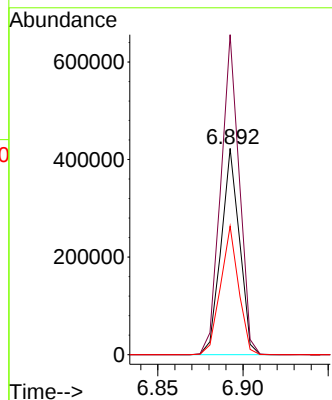
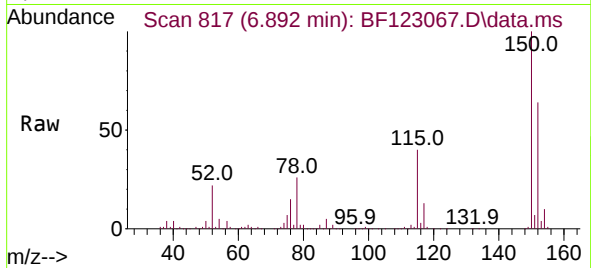




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

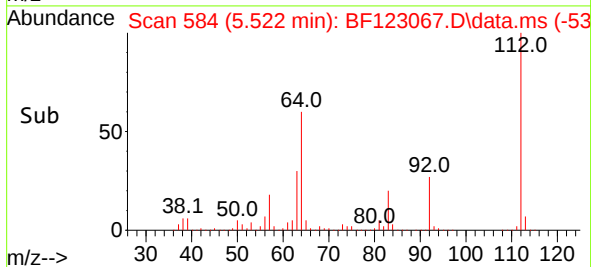
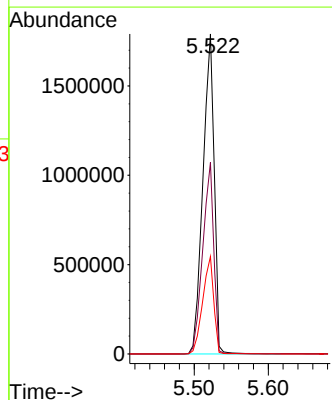
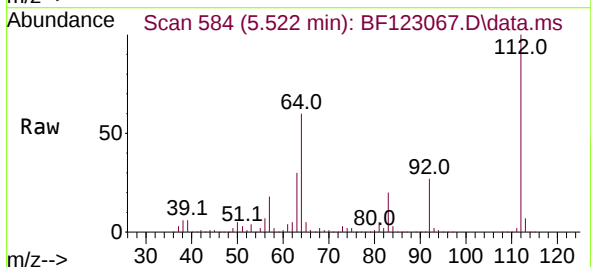
Instrument :
BNA_F
ClientSampleId :
CRT-5

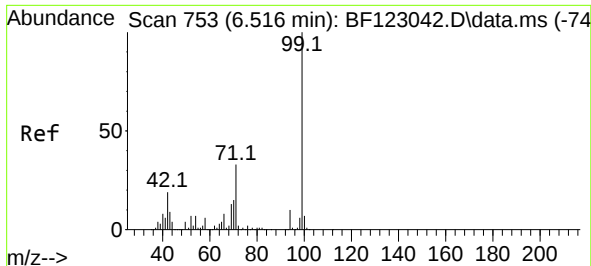
Tgt Ion:152 Resp: 318313
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 62.3 49.3 73.9



#5
2-Fluorophenol
Concen: 92.10 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:112 Resp: 1900605
Ion Ratio Lower Upper
112 100
64 59.9 46.9 70.3
63 30.5 24.5 36.7



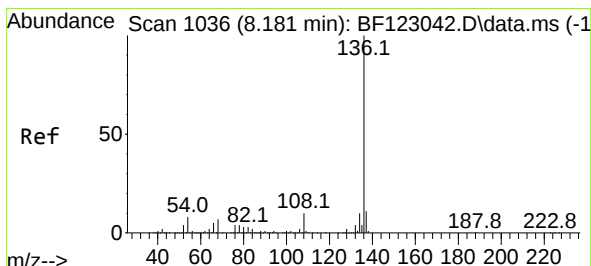
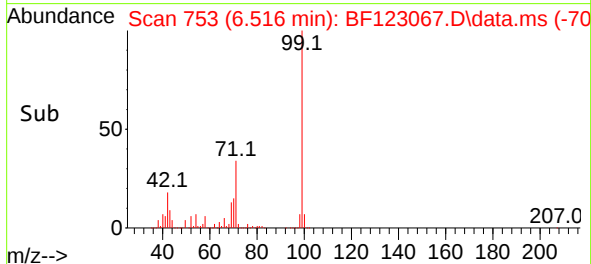
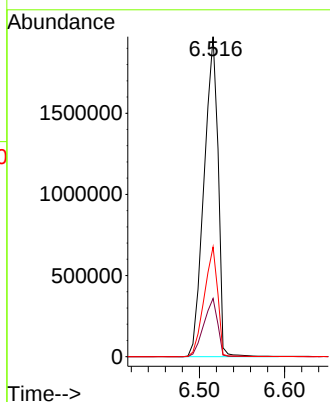
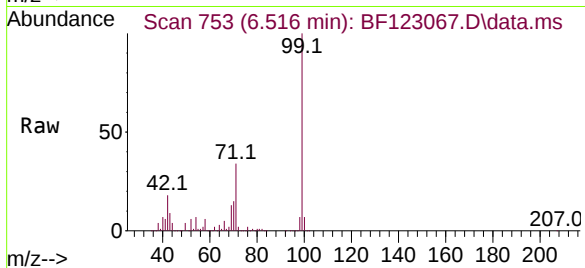


#7
Phenol-d6
Concen: 80.63 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Instrument :
BNA_F
ClientSampleId :
CRT-5

Tgt Ion: 99 Resp: 2255378

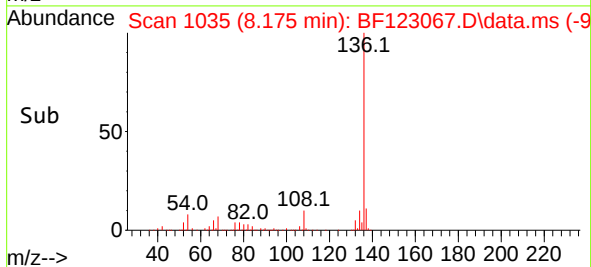
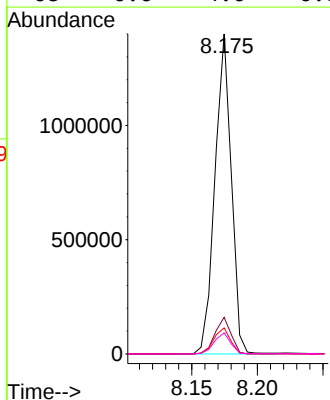
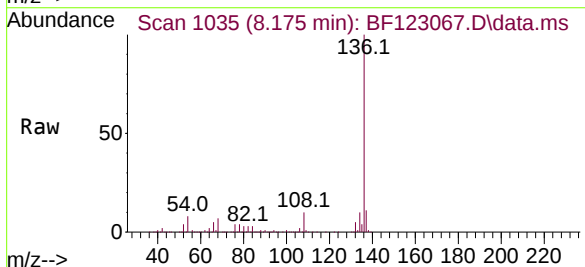
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.6
71	34.3	26.9	40.3

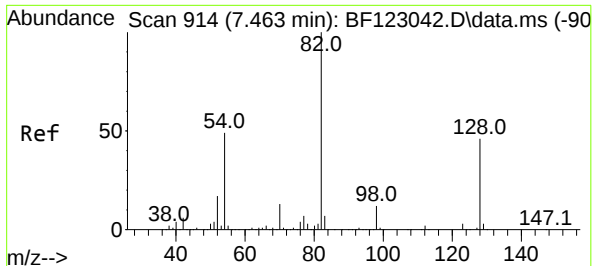


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion: 136 Resp: 1212491

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.1	5.5	8.3
68	6.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 64.88 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123067.D

Acq: 28 Jan 2021 19:12

Tgt Ion: 82 Resp: 1563156

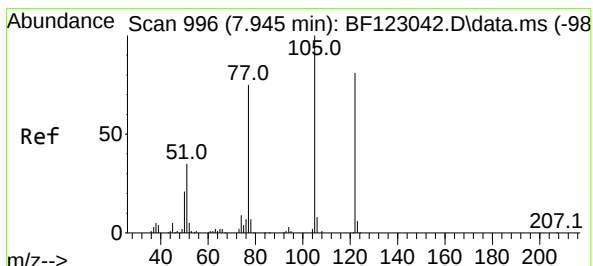
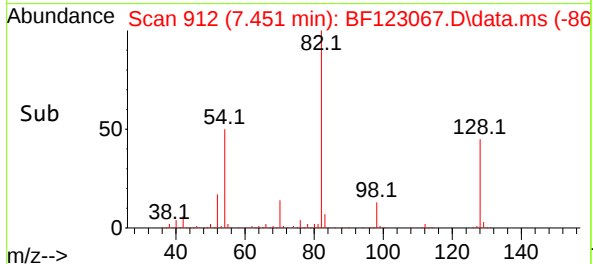
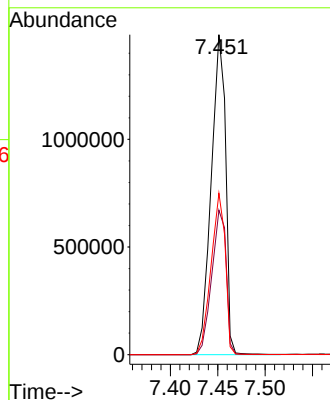
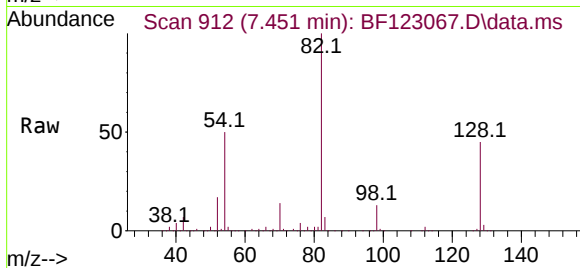
Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.0	55.4
54	50.5	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

CRT-5



#32

Benzoic acid

Concen: 5.21 ng

RT: 7.857 min Scan# 981

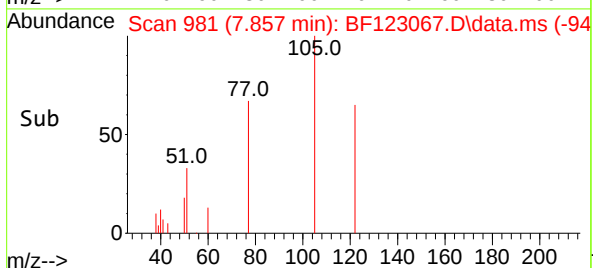
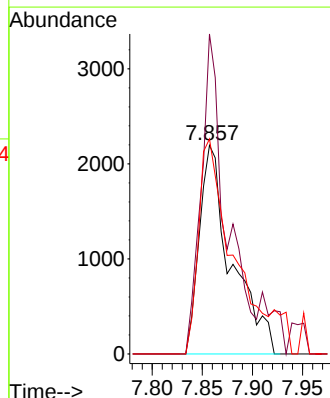
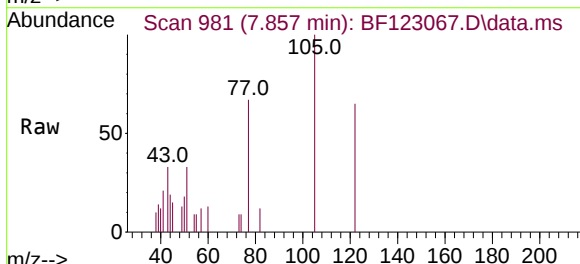
Delta R.T. -0.088 min

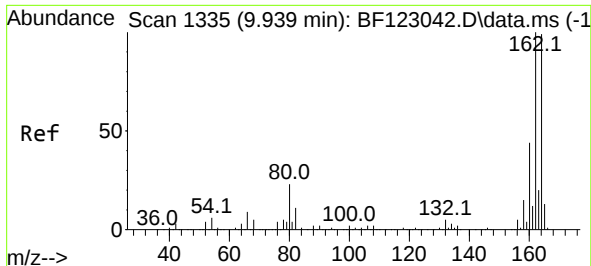
Lab File: BF123067.D

Acq: 28 Jan 2021 19:12

Tgt Ion:122 Resp: 4887

Ion	Ratio	Lower	Upper
122	100		
105	153.3	104.8	144.8#
77	103.1	71.0	111.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF123067.D

Acq: 28 Jan 2021 19:12

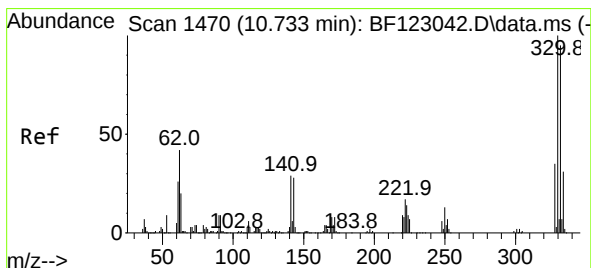
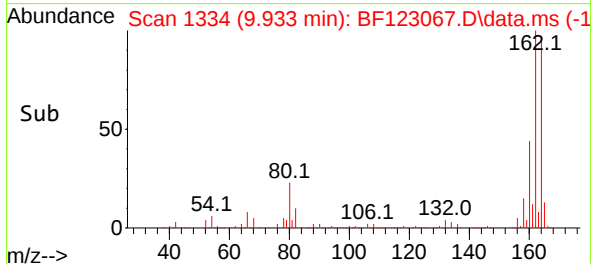
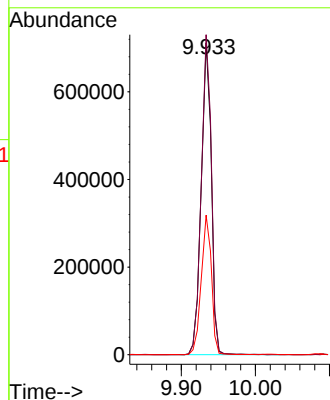
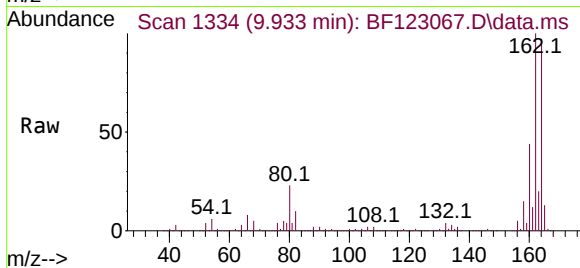
Tgt Ion:164 Resp: 673237

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

160 44.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 110.62 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF123067.D

Acq: 28 Jan 2021 19:12

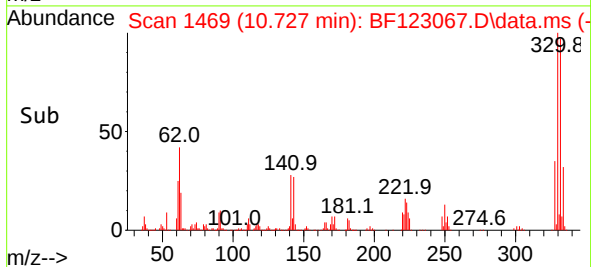
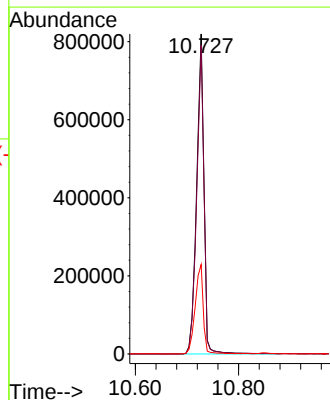
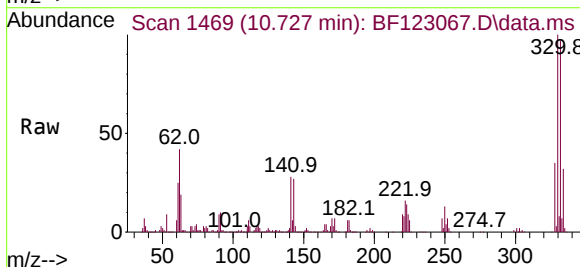
Tgt Ion:330 Resp: 808416

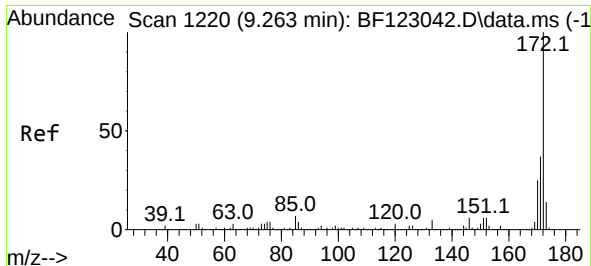
Ion Ratio Lower Upper

330 100

332 95.3 77.5 116.3

141 30.9 23.8 35.8

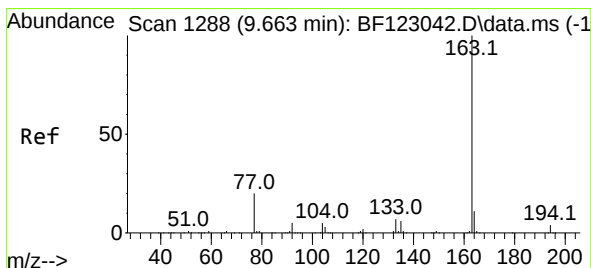
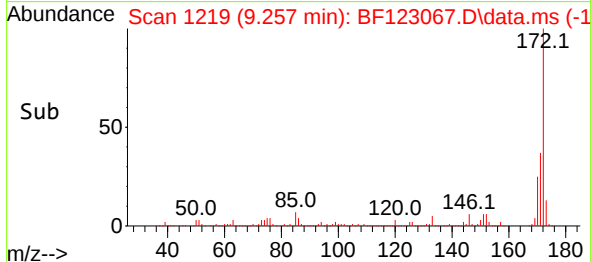
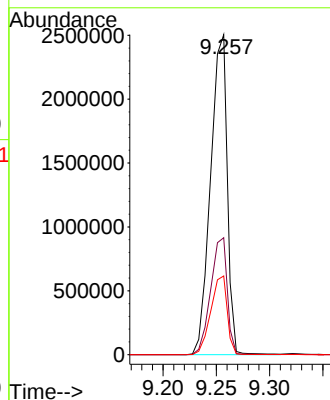
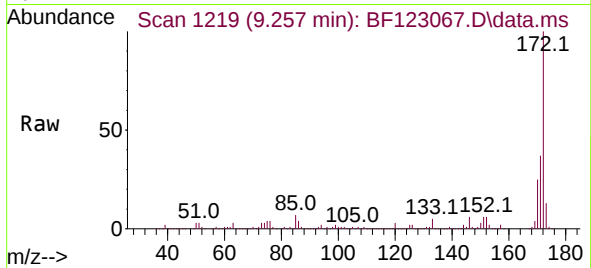




#45
2-Fluorobiphenyl
Concen: 60.24 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

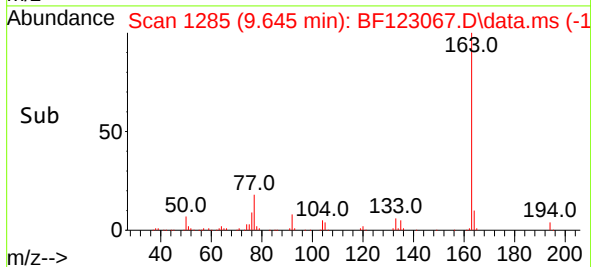
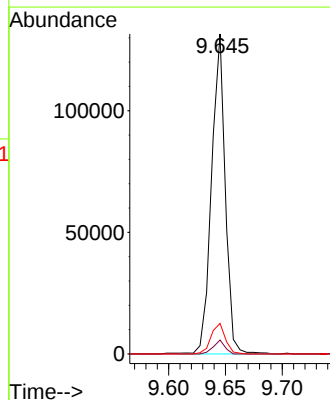
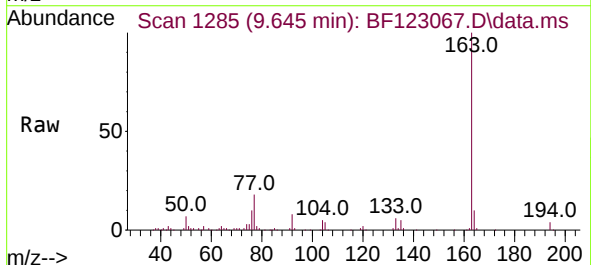
Instrument :
BNA_F
ClientSampleId :
CRT-5

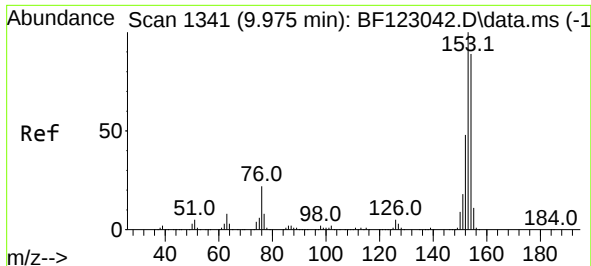
Tgt Ion:172 Resp: 2728102
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.6 19.5 29.3



#50
Dimethylphthalate
Concen: 2.08 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

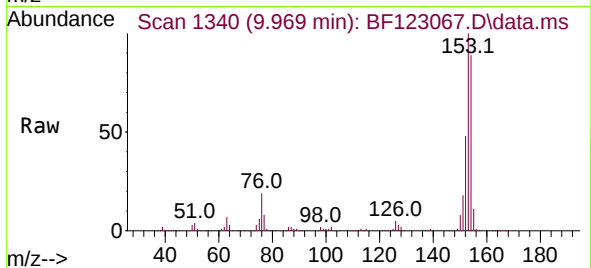
Tgt Ion:163 Resp: 110123
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.5 8.1 12.1



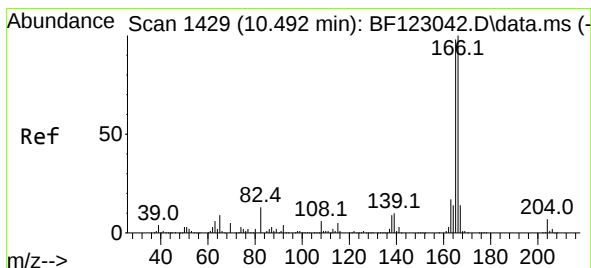
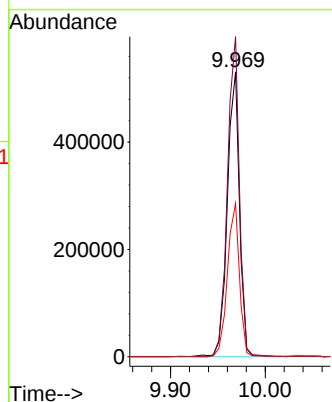
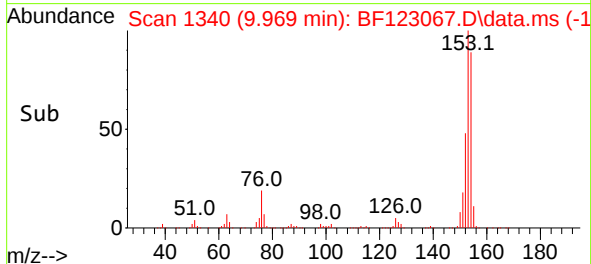


#52
Acenaphthene
Concen: 10.91 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

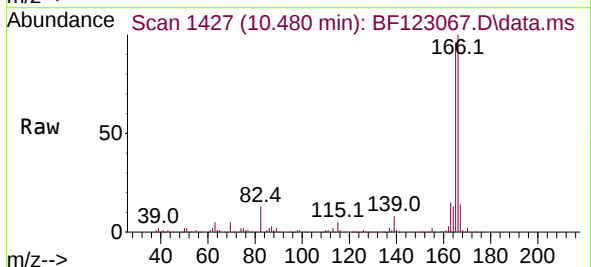
Instrument :
BNA_F
ClientSampleId :
CRT-5



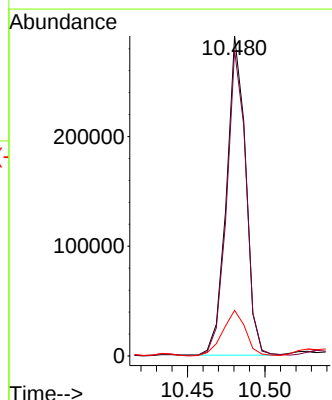
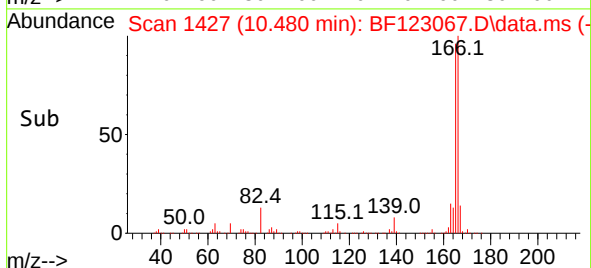
Tgt Ion:154 Resp: 474279
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 53.8 42.7 64.1

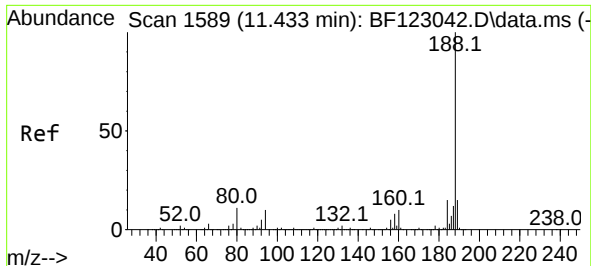


#58
Fluorene
Concen: 4.97 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12



Tgt Ion:166 Resp: 250956
Ion Ratio Lower Upper
166 100
165 95.5 79.4 119.0
167 14.3 10.9 16.3

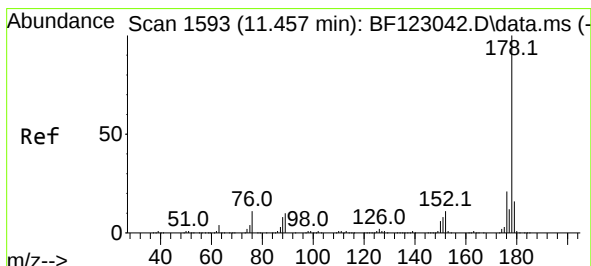
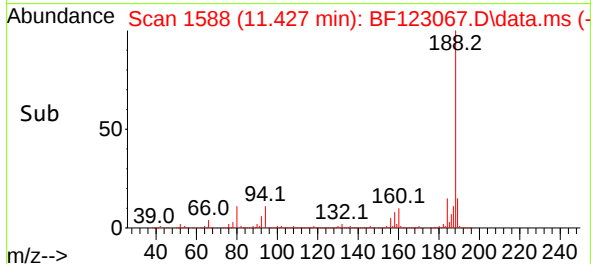
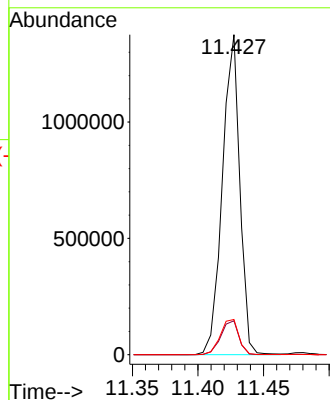
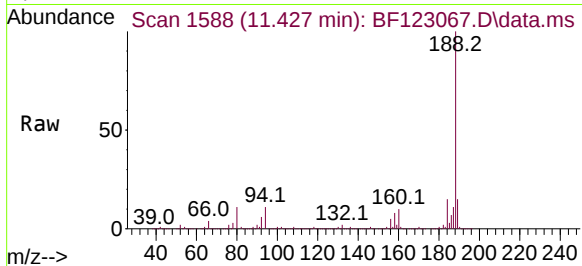




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

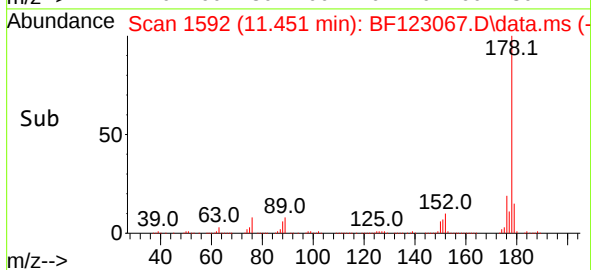
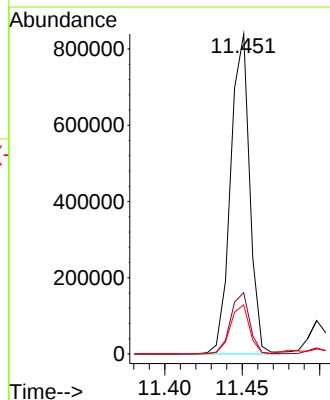
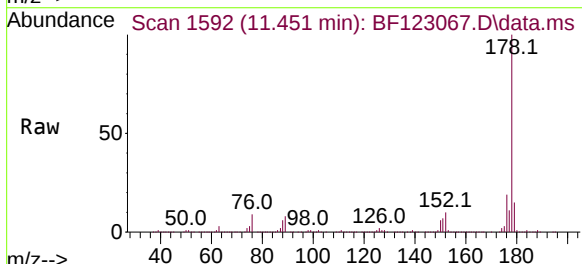
Instrument :
BNA_F
ClientSampleId :
CRT-5

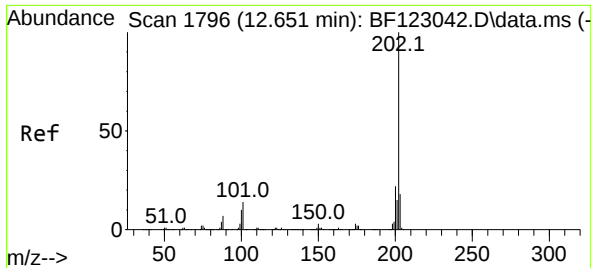
Tgt Ion:188 Resp: 1265998
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.0 8.2 12.4



#71
Phenanthrene
Concen: 9.14 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:178 Resp: 718767
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.4 12.7 19.1

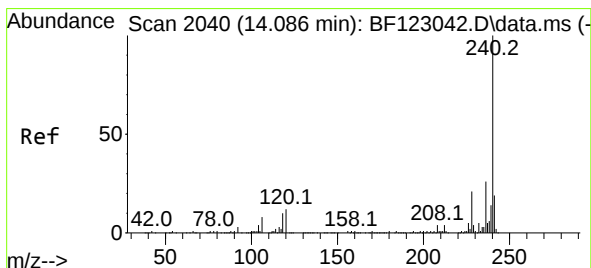
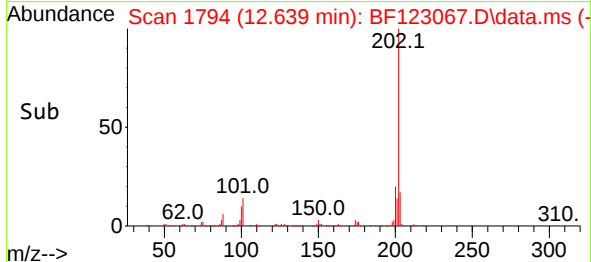
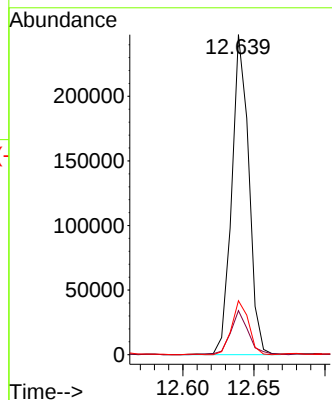
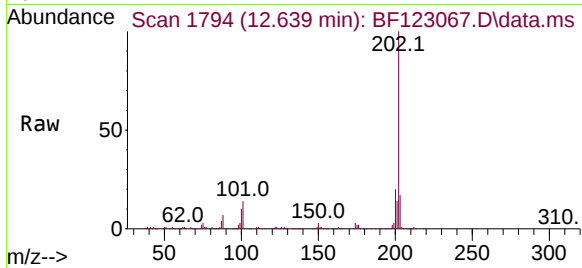




#75
Fluoranthene
Concen: 2.64 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

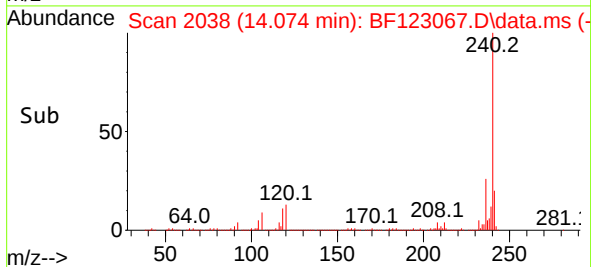
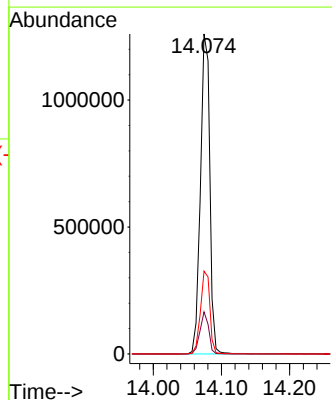
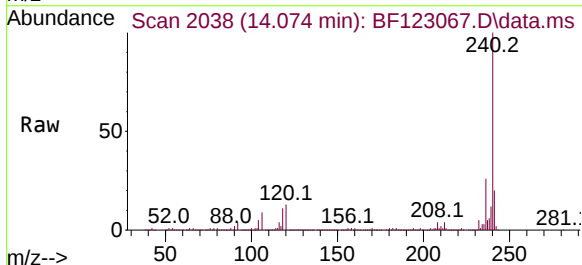
Instrument :
BNA_F
ClientSampleId :
CRT-5

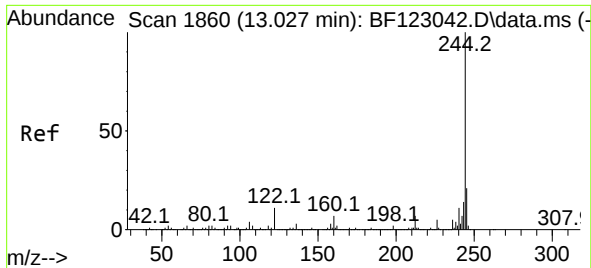
Tgt Ion:	202	Resp:	207119
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	32.2
203	16.9	0.0	38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:	240	Resp:	1204703
Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.6	12.8#
236	25.9	20.3	30.5

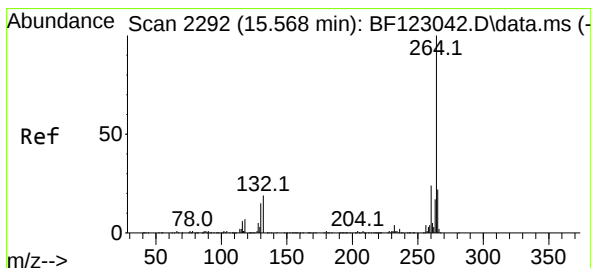
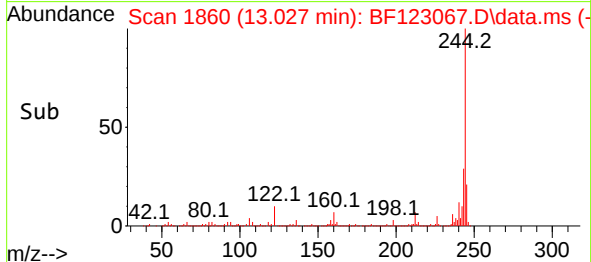
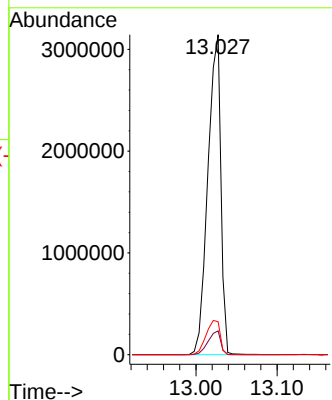
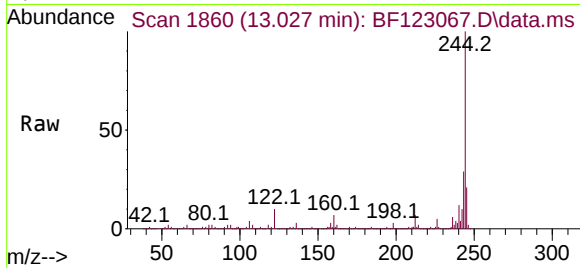




#79
Terphenyl-d14
Concen: 56.70 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Instrument :
BNA_F
ClientSampled :
CRT-5

Tgt Ion:244 Resp: 3476498
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:264 Resp: 1049659
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.9 17.0 25.6

