

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123453.D
 Acq On : 24 Mar 2021 22:38
 Operator : JU/CG
 Sample : M1775-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11979

Quant Time: Mar 25 00:41:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

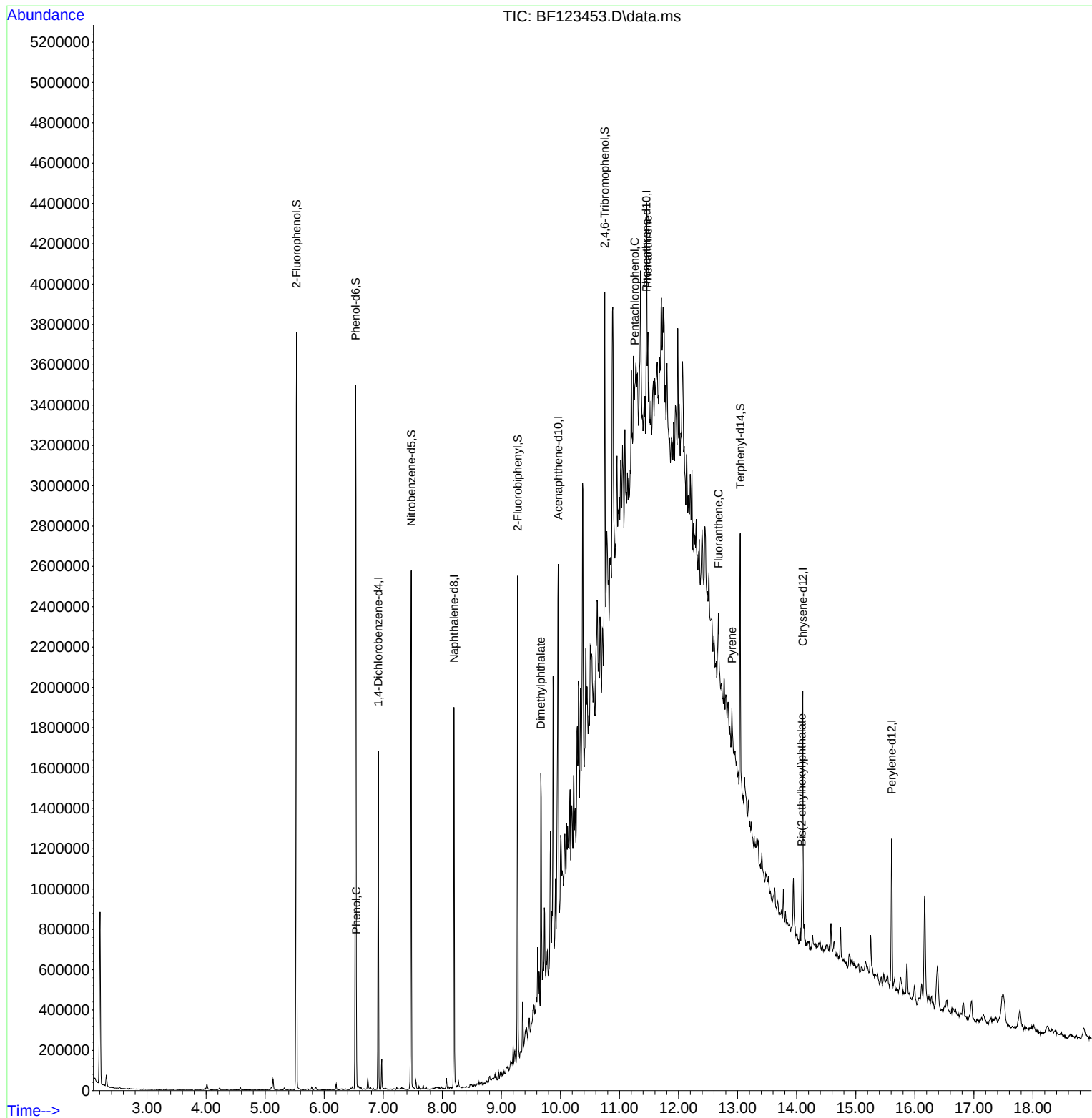
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	217804	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	724123	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	310969	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	409613	20.00	ng	# 0.00
76) Chrysene-d12	14.104	240	432594	20.00	ng	0.00
86) Perylene-d12	15.609	264	364961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	925856	69.54	ng	0.00
7) Phenol-d6	6.533	99	1100572	62.10	ng	0.00
23) Nitrobenzene-d5	7.475	82	707664	52.74	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	195174	56.14	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	627902	28.85	ng	0.00
79) Terphenyl-d14	13.045	244	390208	15.29	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.545	94	50477	2.77	ng	98
50) Dimethylphthalate	9.669	163	47331	2.14	ng	# 73
70) Pentachlorophenol	11.257	266	9023	2.83	ng	94
71) Phenanthrene	11.480	178	111770	4.94	ng	# 87
75) Fluoranthene	12.674	202	98320	4.01	ng	94
78) Pyrene	12.904	202	84705	2.27	ng	96
84) Bis(2-ethylhexyl)phtha...	14.086	149	41295	2.27	ng	# 96

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

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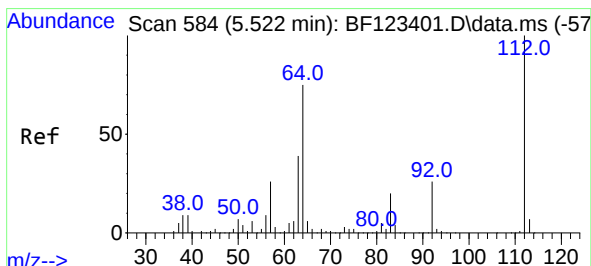
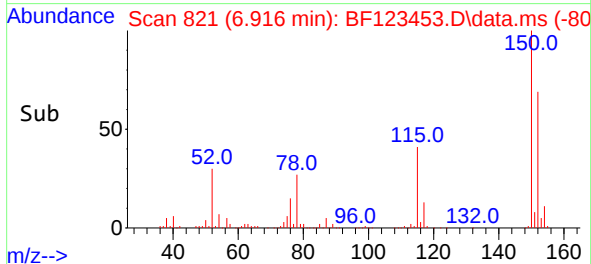
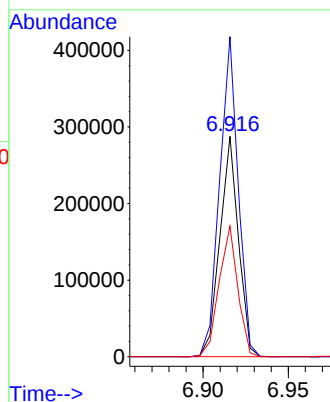
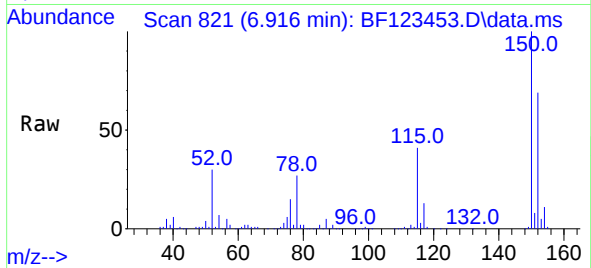




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

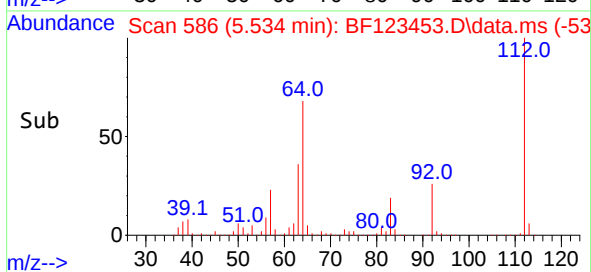
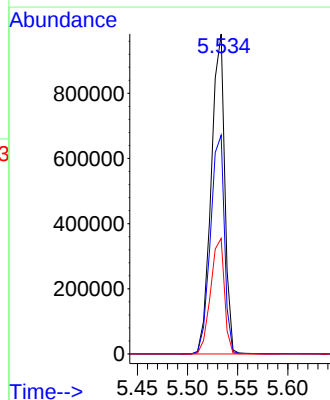
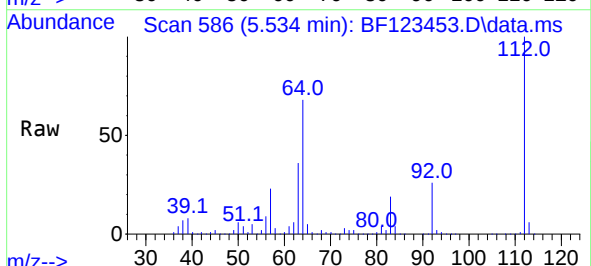
Instrument :
BNA_F
ClientSampleId :
11979

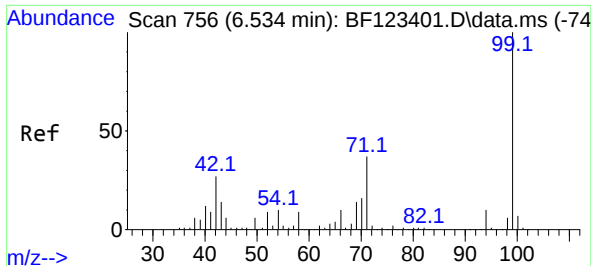
Tgt Ion:152 Resp: 217804
Ion Ratio Lower Upper
152 100
150 145.2 125.8 188.6
115 59.3 49.3 73.9



#5
2-Fluorophenol
Concen: 69.54 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:112 Resp: 925856
Ion Ratio Lower Upper
112 100
64 68.3 46.9 70.3
63 36.1 24.5 36.7

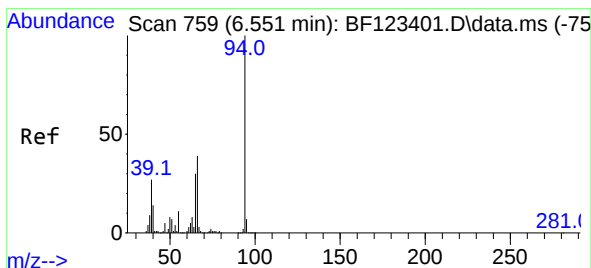
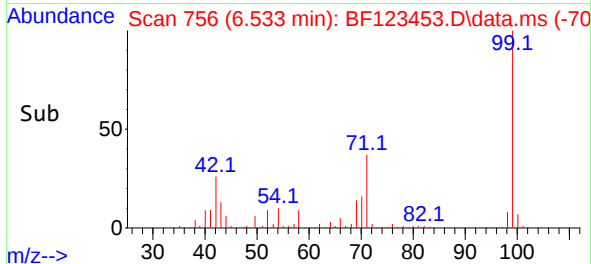
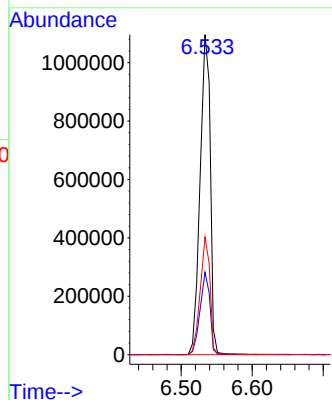
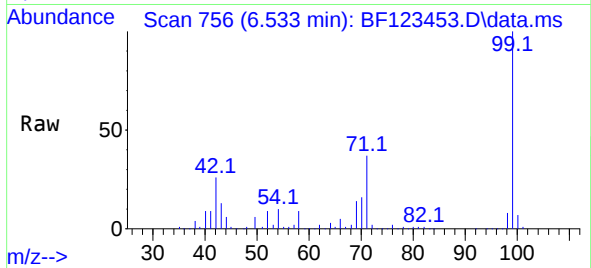




#7
Phenol-d6
Concen: 62.10 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

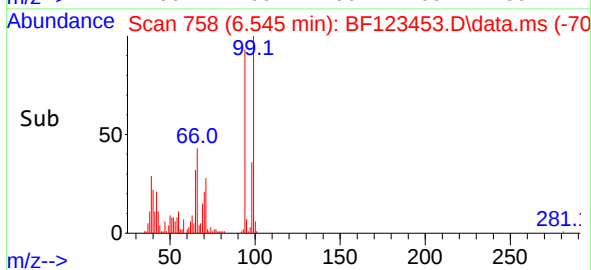
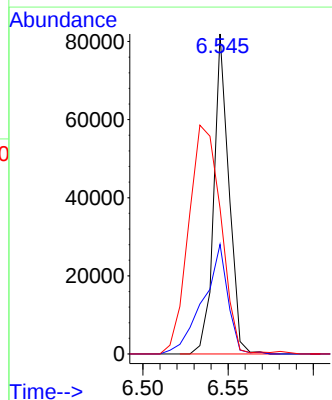
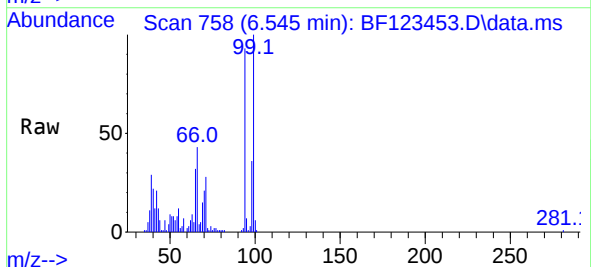
Instrument :
BNA_F
ClientSampleId :
11979

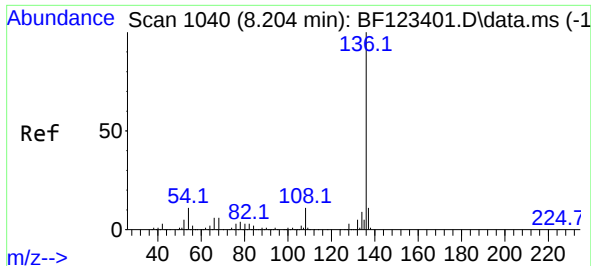
Tgt Ion: 99 Resp: 1100572
Ion Ratio Lower Upper
99 100
42 25.7 13.8 20.6#
71 36.7 26.9 40.3



#10
Phenol
Concen: 2.77 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion: 94 Resp: 50477
Ion Ratio Lower Upper
94 100
65 34.3 11.2 51.2
66 45.6 25.8 65.8



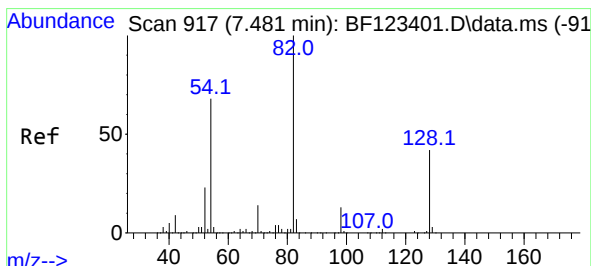
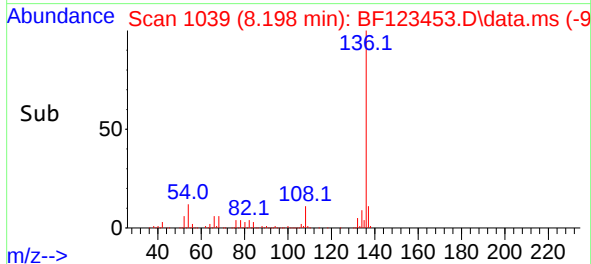
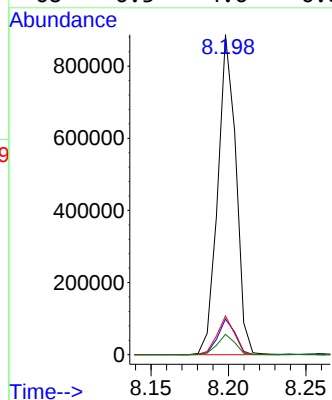
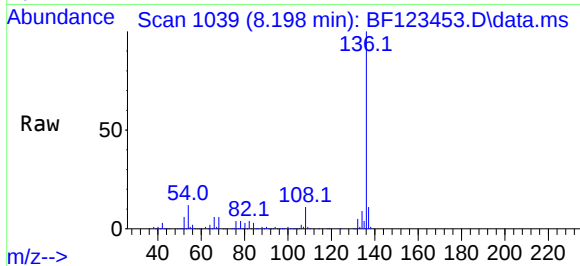


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Instrument :
BNA_F
ClientSampleId :
11979

Tgt Ion:136 Resp: 724123

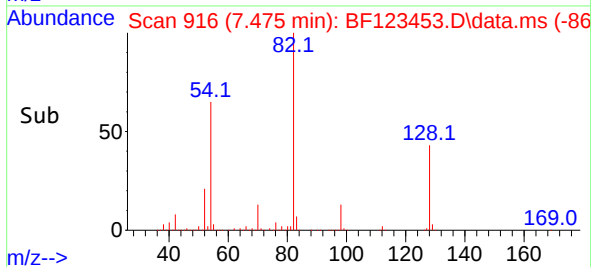
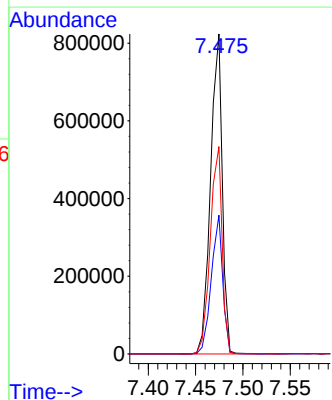
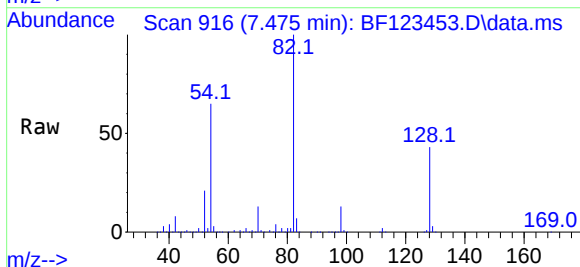
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.1	5.5	8.3#
68	6.3	4.6	6.8

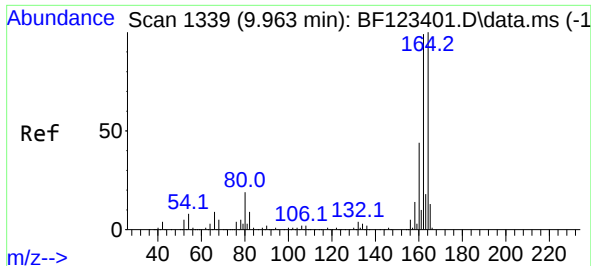


#23
Nitrobenzene-d5
Concen: 52.74 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion: 82 Resp: 707664

Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.0	55.4
54	64.8	38.4	57.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF123453.D

Acq: 24 Mar 2021 22:38

Tgt Ion:164 Resp: 310969

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

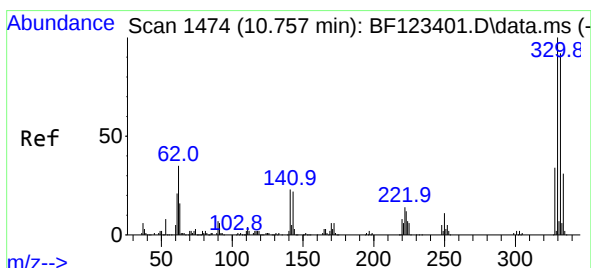
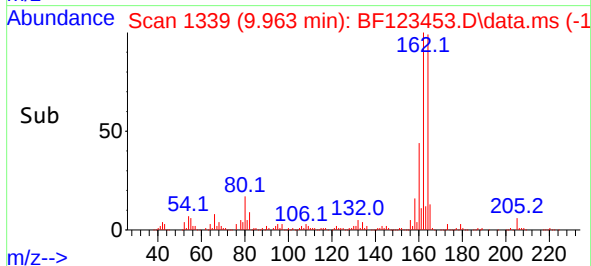
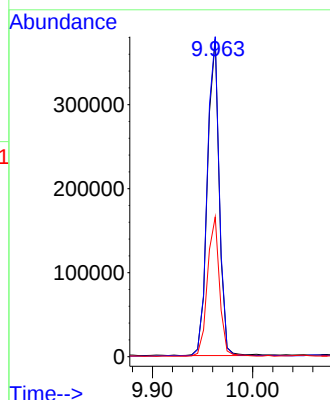
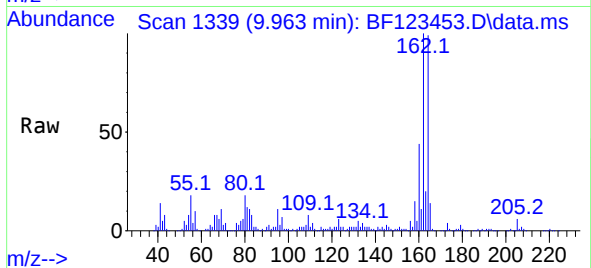
160 44.0 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

11979



#42

2,4,6-Tribromophenol

Concen: 56.14 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF123453.D

Acq: 24 Mar 2021 22:38

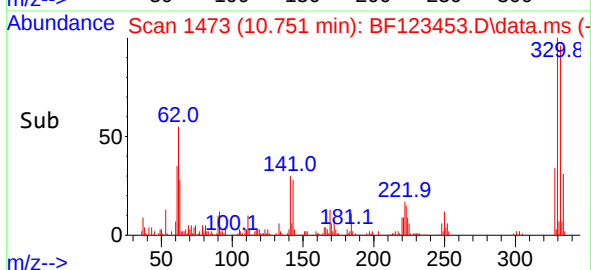
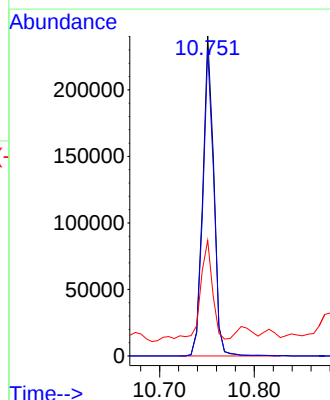
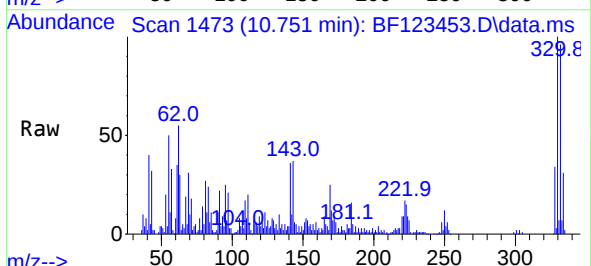
Tgt Ion:330 Resp: 195174

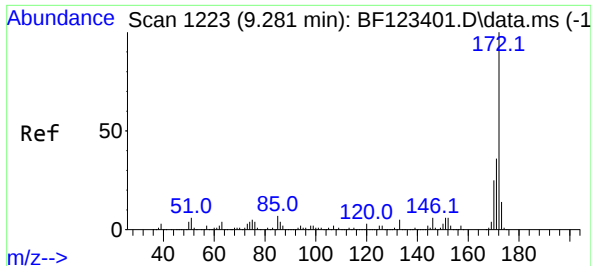
Ion Ratio Lower Upper

330 100

332 94.8 77.5 116.3

141 32.2 23.8 35.8

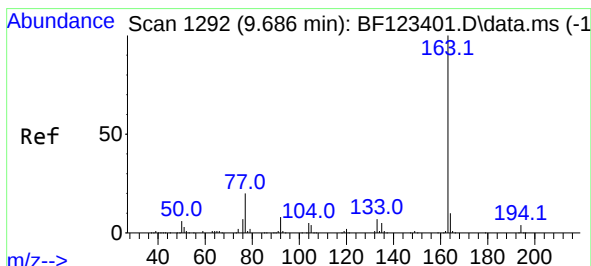
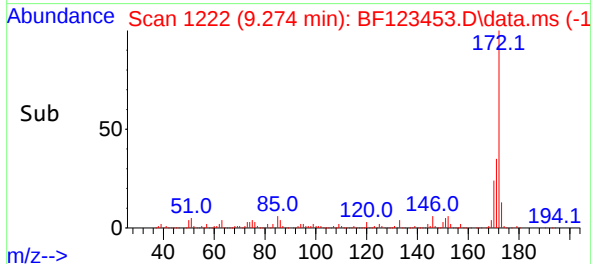
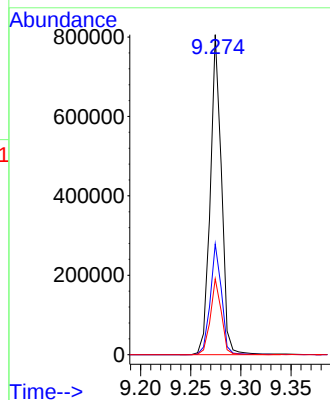
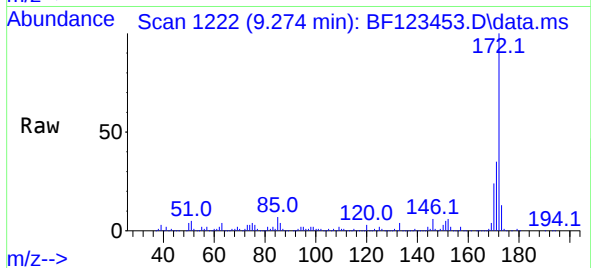




#45
2-Fluorobiphenyl
Concen: 28.85 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

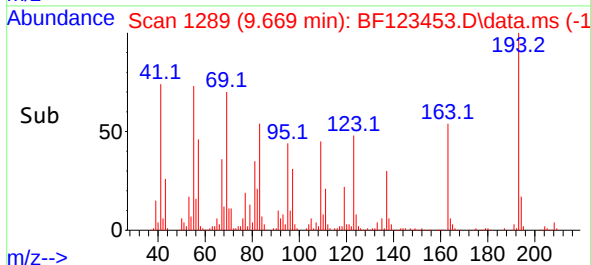
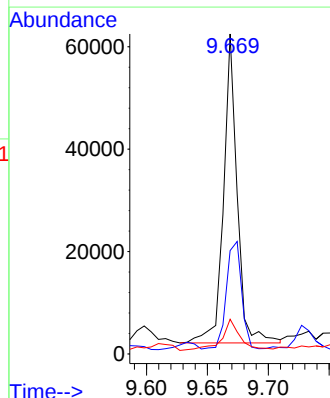
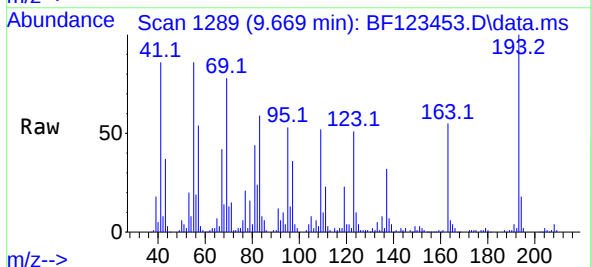
Instrument :
BNA_F
ClientSampleId :
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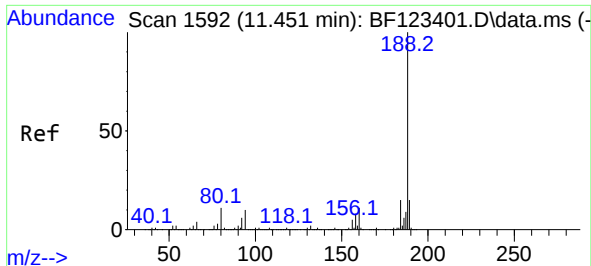
Tgt Ion:172 Resp: 627902
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.14 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:163 Resp: 47331
Ion Ratio Lower Upper
163 100
194 32.3 3.4 5.0#
164 10.9 8.1 12.1

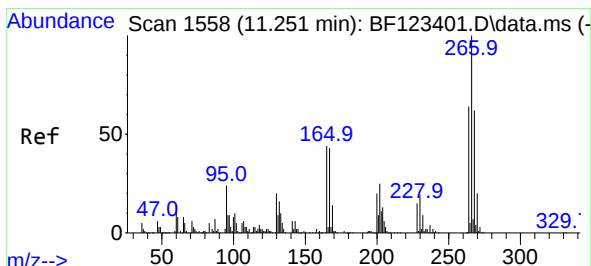
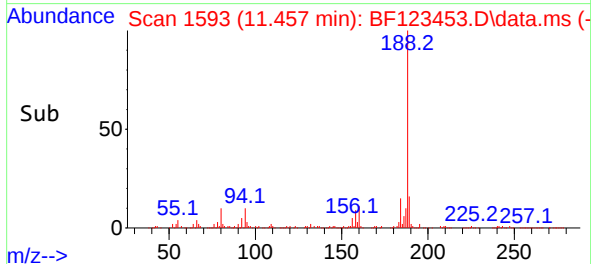
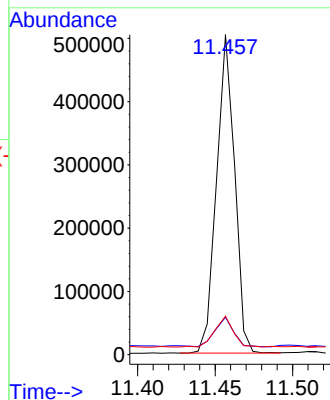
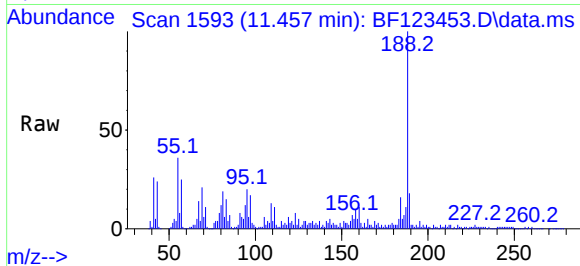




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

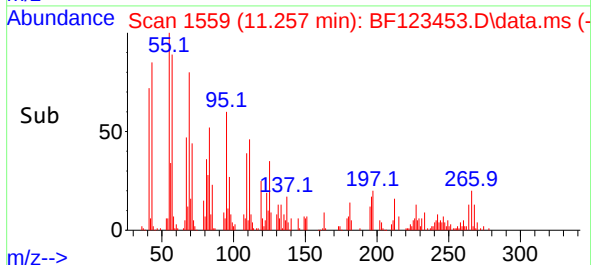
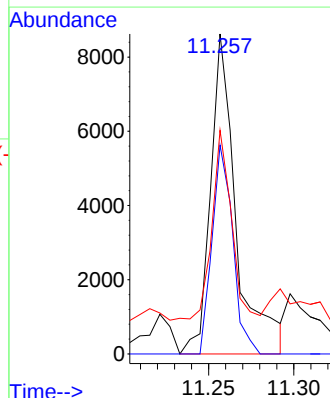
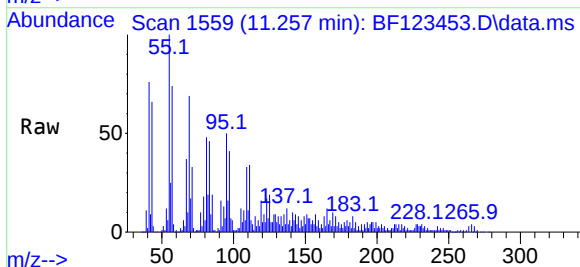
Instrument :
BNA_F
ClientSampled :
11979

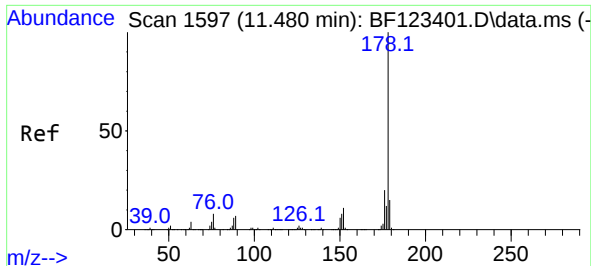
Tgt Ion:188 Resp: 409613
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.1 8.2 12.4



#70
Pentachlorophenol
Concen: 2.83 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:266 Resp: 9023
Ion Ratio Lower Upper
266 100
268 65.3 50.5 75.7
264 69.9 49.8 74.8

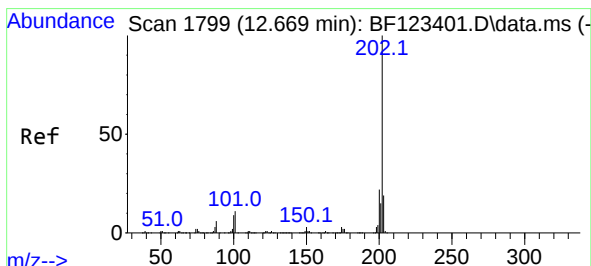
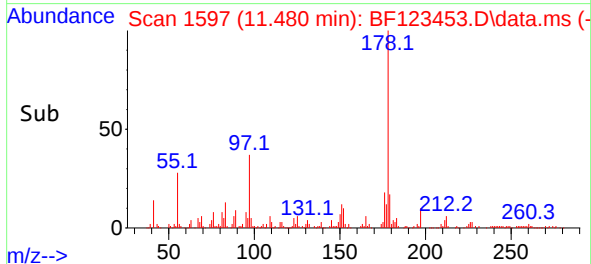
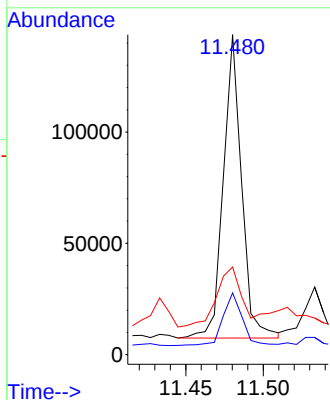
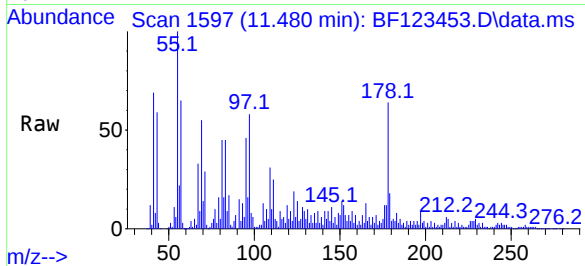




#71
Phenanthrene
Concen: 4.94 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

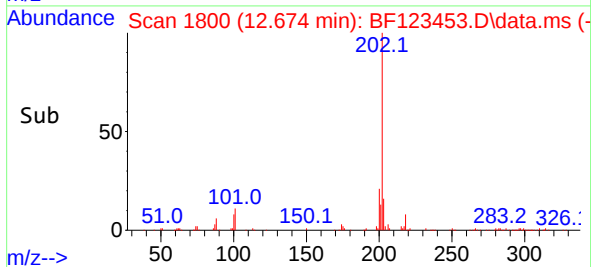
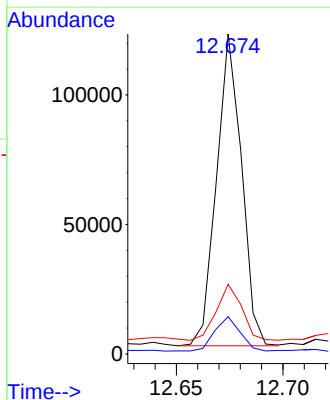
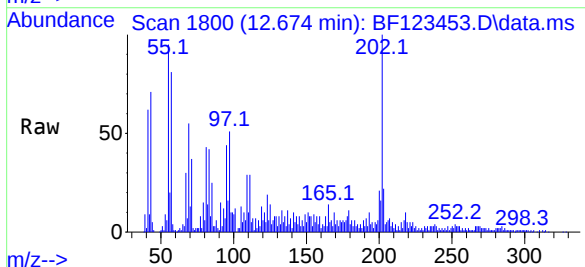
Instrument :
BNA_F
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11979

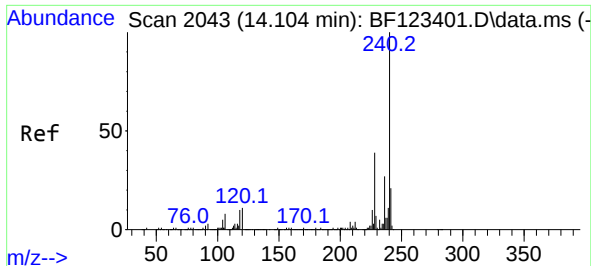
Tgt Ion:178 Resp: 111770
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 27.4 12.7 19.1#



#75
Fluoranthene
Concen: 4.01 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:202 Resp: 98320
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 21.8 0.0 38.1



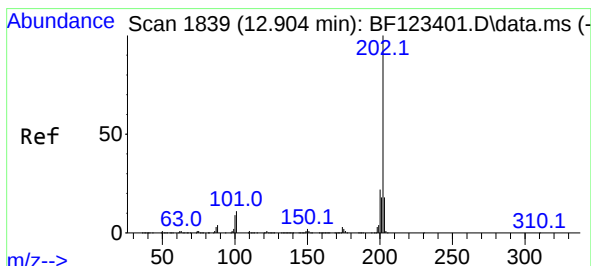
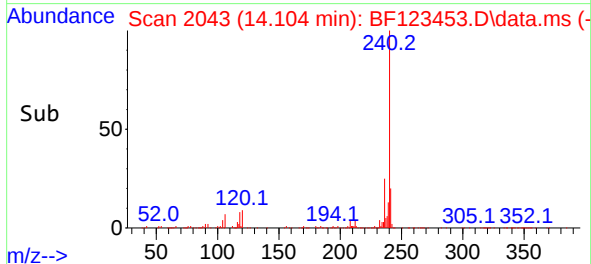
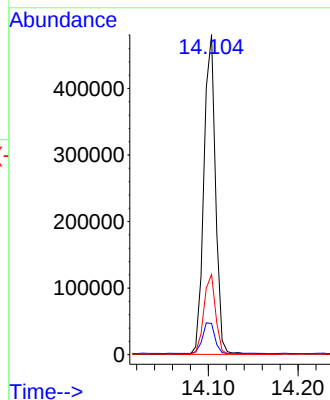
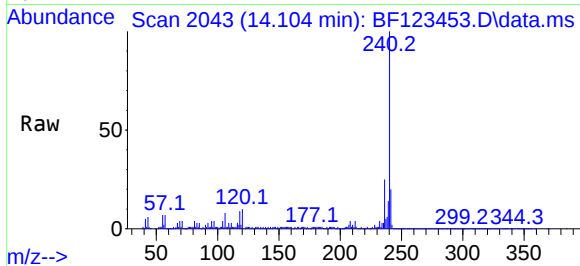


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Instrument :
BNA_F
ClientSampleId :
11979

Tgt Ion:240 Resp: 432594

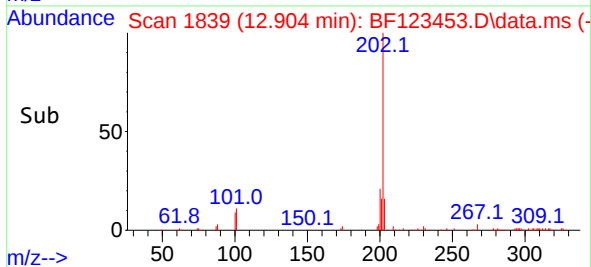
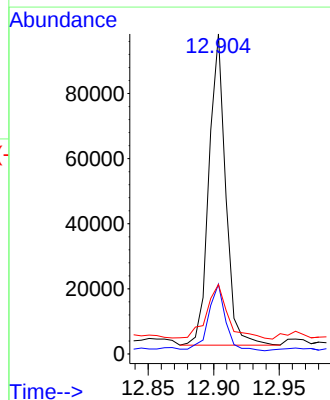
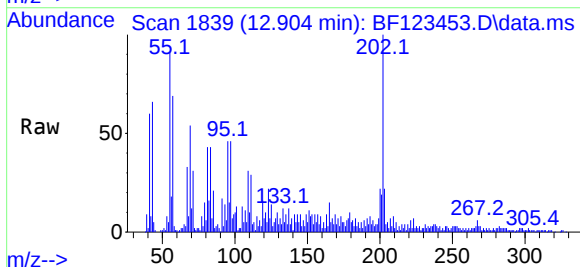
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	25.1	20.3	30.5

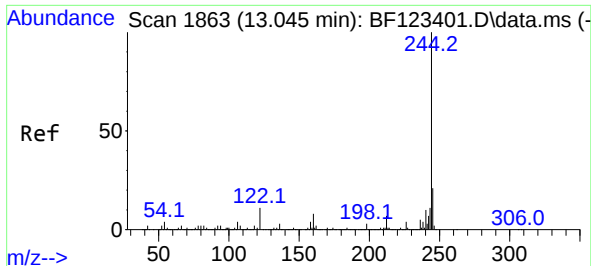


#78
Pyrene
Concen: 2.27 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:202 Resp: 84705

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	21.7	14.6	21.8

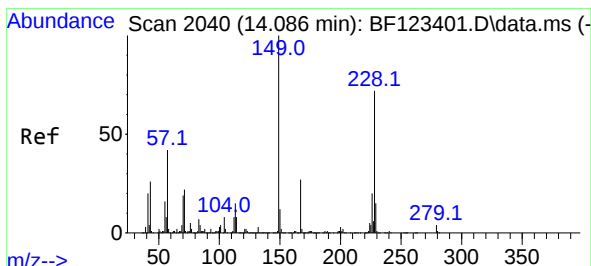
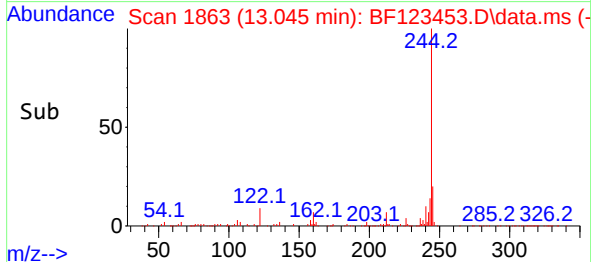
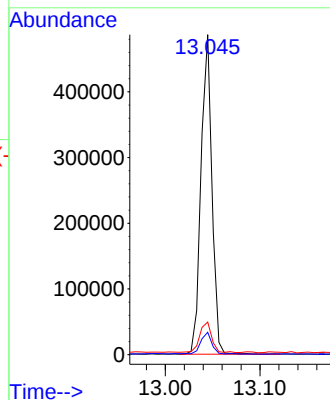
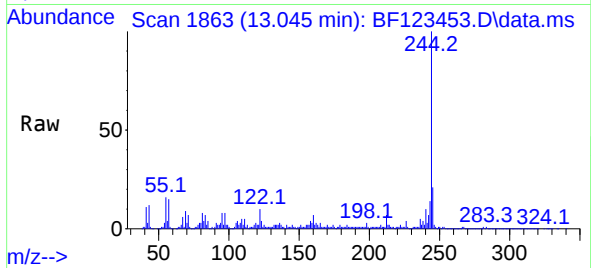




#79
 Terphenyl-d14
 Concen: 15.29 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF123453.D
 Acq: 24 Mar 2021 22:38

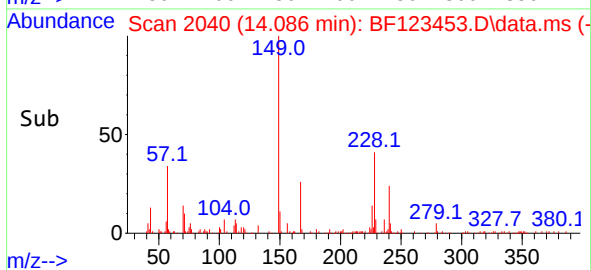
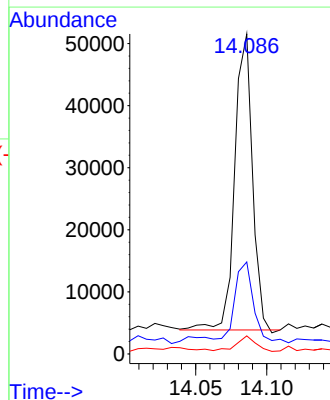
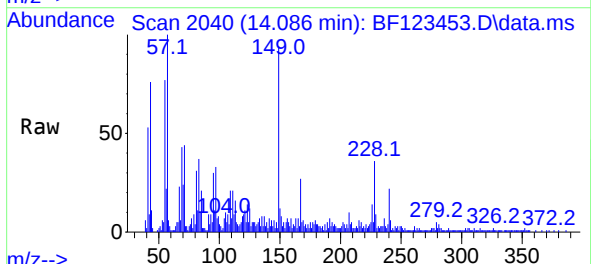
Instrument :
 BNA_F
 ClientSampleId :
 11979

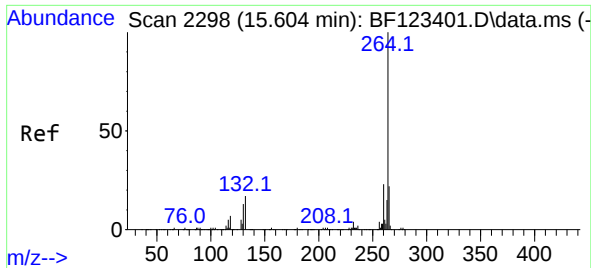
Tgt Ion:244 Resp: 390208
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.3 12.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.27 ng
 RT: 14.086 min Scan# 2040
 Delta R.T. -0.000 min
 Lab File: BF123453.D
 Acq: 24 Mar 2021 22:38

Tgt Ion:149 Resp: 41295
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.4 32.2
 279 5.7 3.4 5.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.609 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: BF123453.D
 Acq: 24 Mar 2021 22:38

Instrument :
 BNA_F
 ClientSampleId :
 11979

Tgt Ion:264 Resp: 364961

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	28.0
265	21.0	17.0	25.6

