

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123347.D
 Acq On : 2 Mar 2021 21:00
 Operator : JU/CG
 Sample : M1520-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: Mar 02 23:52:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

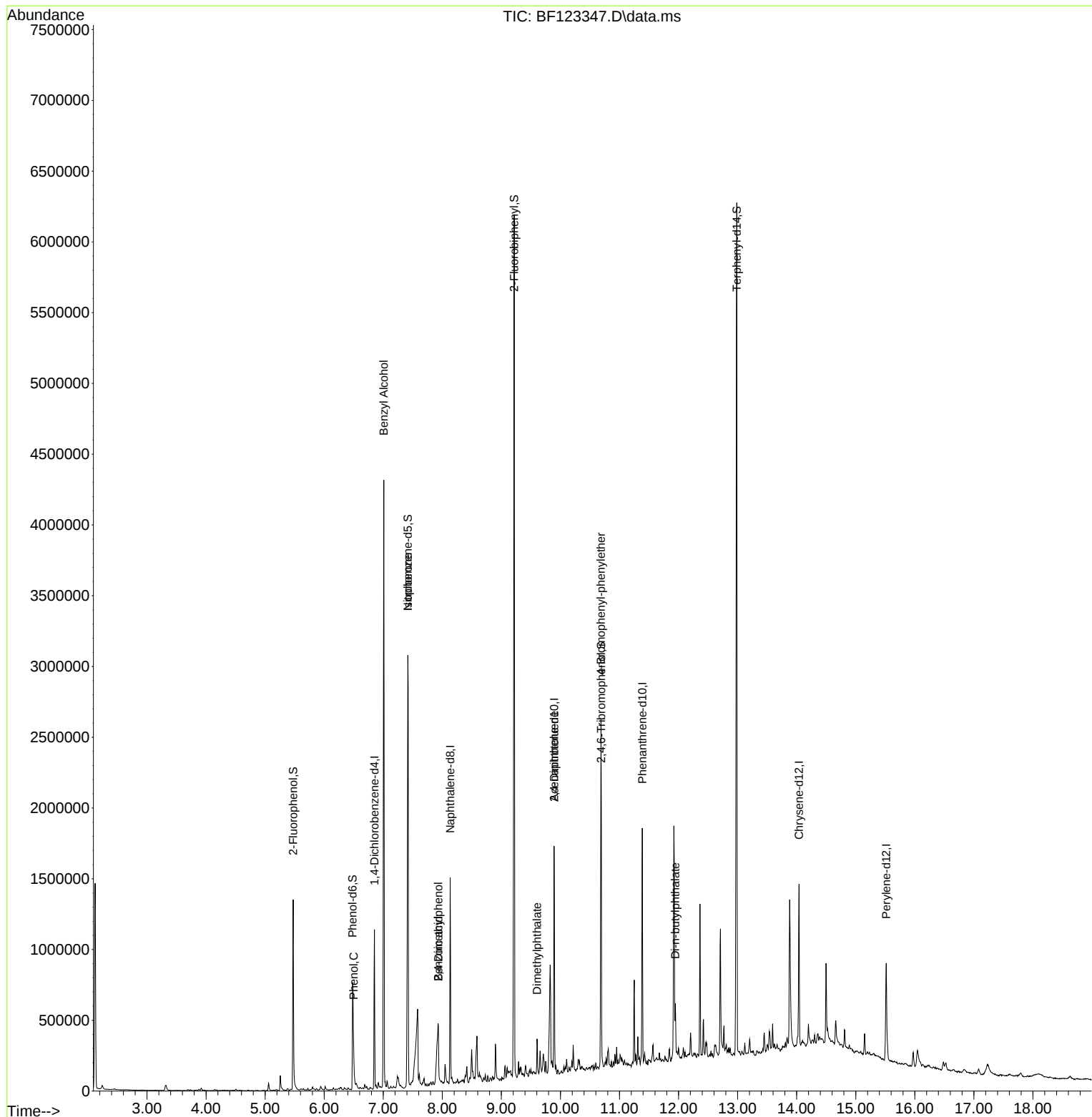
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	138076	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	564598	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	288766	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	539554	20.00	ng	0.00
76) Chrysene-d12	14.039	240	364979	20.00	ng	0.00
86) Perylene-d12	15.515	264	294304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	360804	37.61	ng	0.00
7) Phenol-d6	6.481	99	268637	20.61	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1165111	94.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	253553	86.23	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1810920	90.08	ng	0.00
79) Terphenyl-d14	12.986	244	2235403	117.77	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	2358	Below Cal		88
10) Phenol	6.498	94	60563	4.26	ng	95
15) Benzyl Alcohol	7.010	79	30500	3.00	ng	# 50
25) Isophorone	7.416	82	1161610	50.36	ng	# 65
27) 2,4-Dimethylphenol	7.934	122	146902	17.42	ng	# 5
32) Benzoic acid	7.934	122	148435	23.86	ng	# 83
50) Dimethylphthalate	9.604	163	86382	4.00	ng	# 97
57) 2,4-Dinitrotoluene	9.892	165	38606	5.77	ng	# 28
67) 4-Bromophenyl-phenylether	10.686	248	19079	3.24	ng	# 1
74) Di-n-butylphthalate	11.945	149	136715	4.08	ng	98

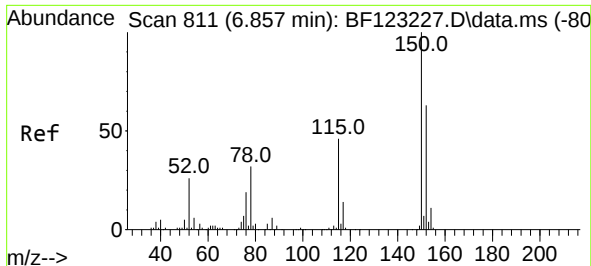
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123347.D
Acq On : 2 Mar 2021 21:00
Operator : JU/CG
Sample : M1520-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Quant Time: Mar 02 23:52:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

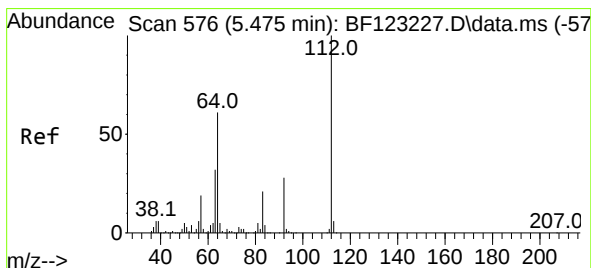
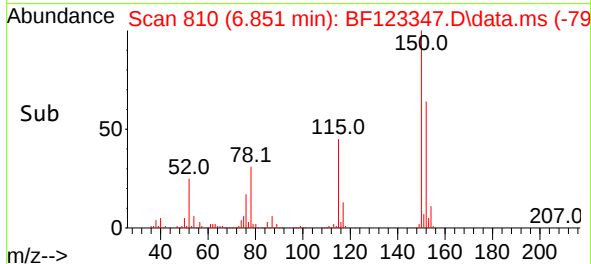
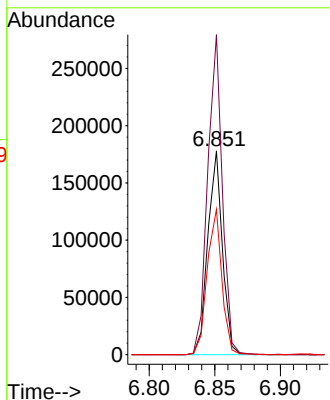
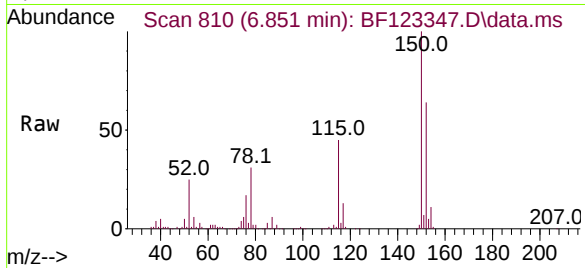




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

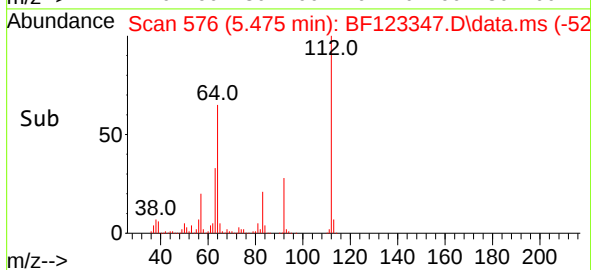
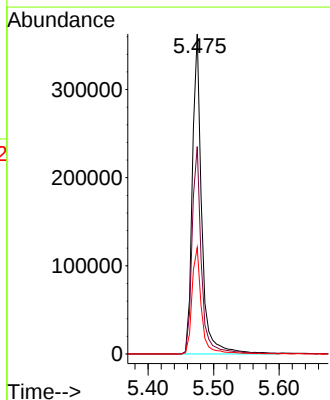
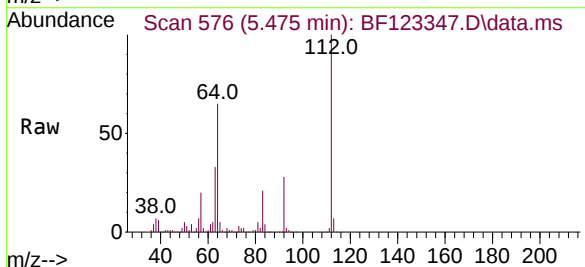
Instrument :
BNA_F
ClientSampleId :
NCQ-632

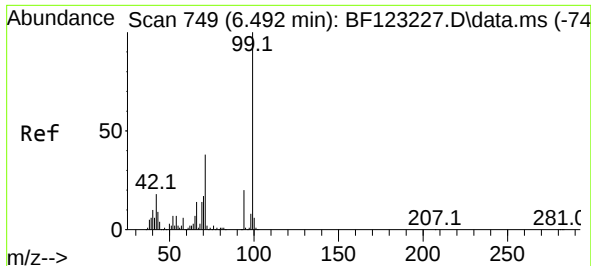
Tgt Ion:152 Resp: 138076
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 71.3 49.3 73.9



#5
2-Fluorophenol
Concen: 37.61 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion:112 Resp: 360804
Ion Ratio Lower Upper
112 100
64 64.8 46.9 70.3
63 33.2 24.5 36.7

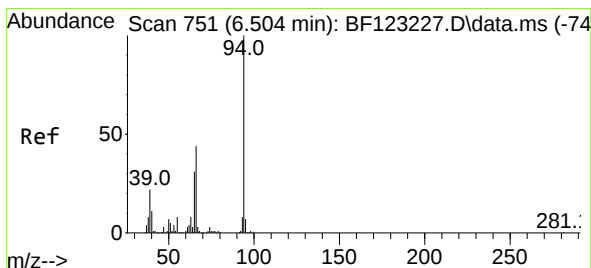
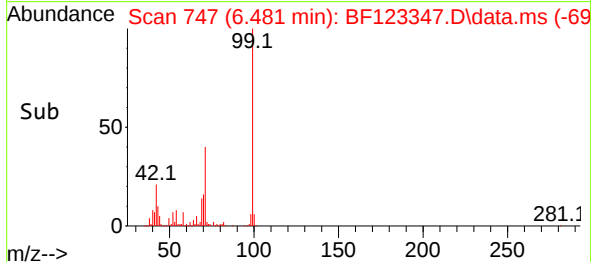
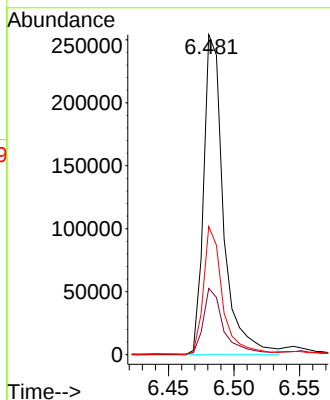
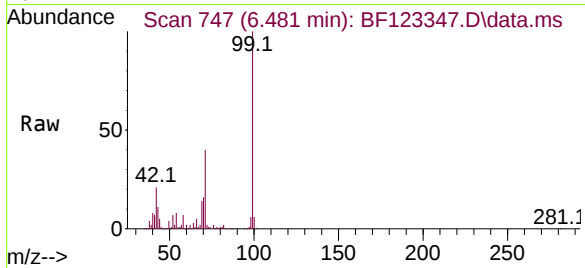




#7
Phenol-d6
Concen: 20.61 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

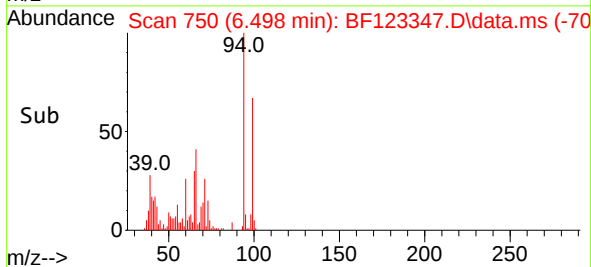
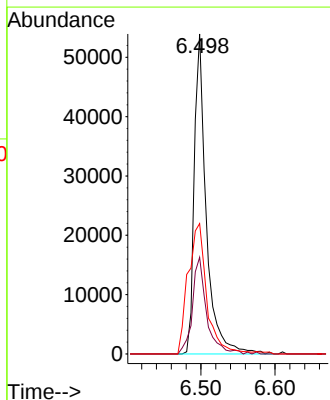
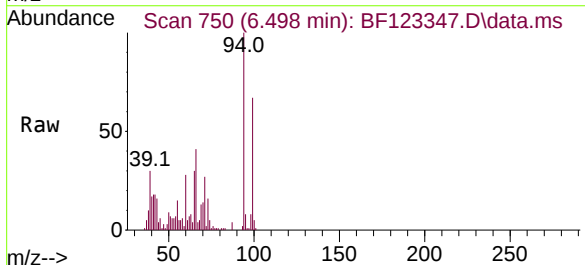
Instrument :
BNA_F
ClientSampleId :
NCQ-632

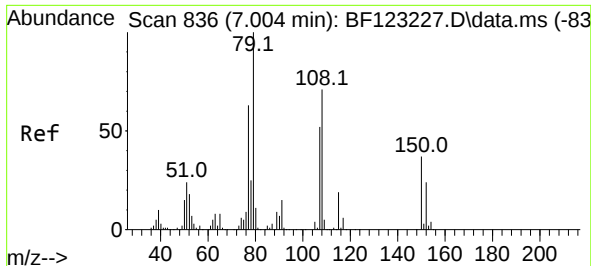
Tgt Ion: 99 Resp: 268637
Ion Ratio Lower Upper
99 100
42 20.7 13.8 20.6#
71 40.0 26.9 40.3



#10
Phenol
Concen: 4.26 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion: 94 Resp: 60563
Ion Ratio Lower Upper
94 100
65 30.2 11.2 51.2
66 40.8 25.8 65.8





#15

Benzyl Alcohol

Concen: 3.00 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF123347.D

Acq: 2 Mar 2021 21:00

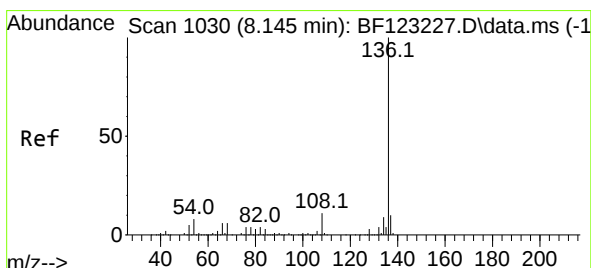
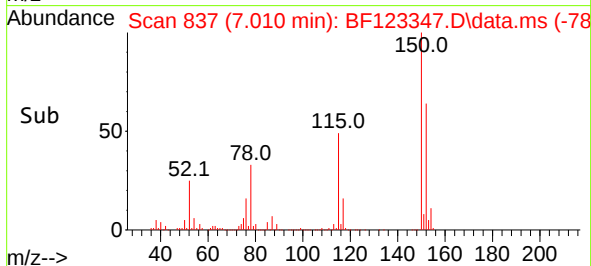
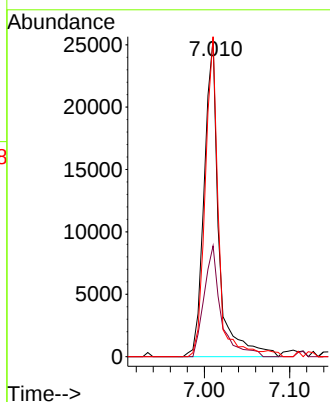
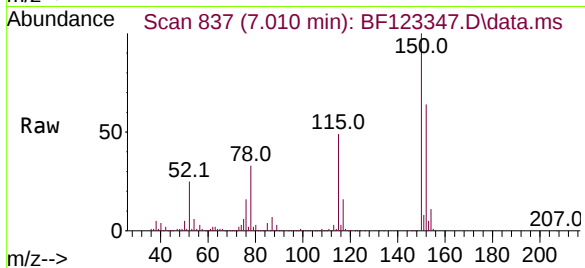
Tgt Ion: 79	Resp: 30500
Ion Ratio	Lower Upper
79 100	
108 35.0	62.4 93.6#
77 100.9	49.0 73.6#

Instrument :

BNA_F

ClientSampleId :

NCQ-632



#21

Naphthalene-d8

Concen: 20.00 ng

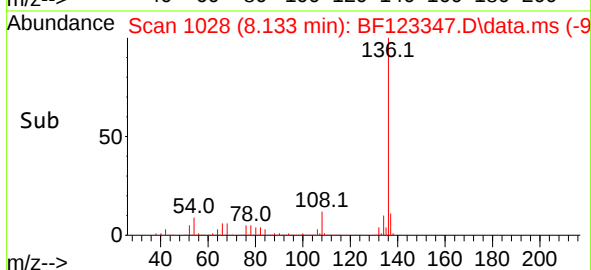
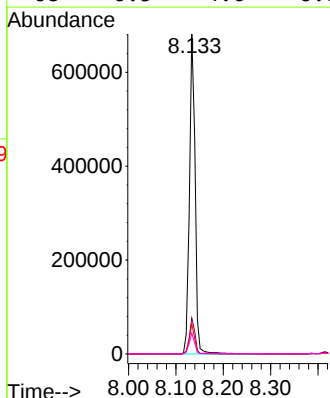
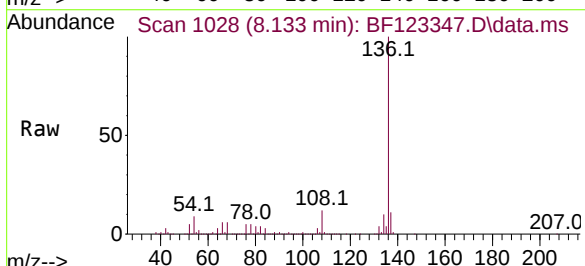
RT: 8.133 min Scan# 1028

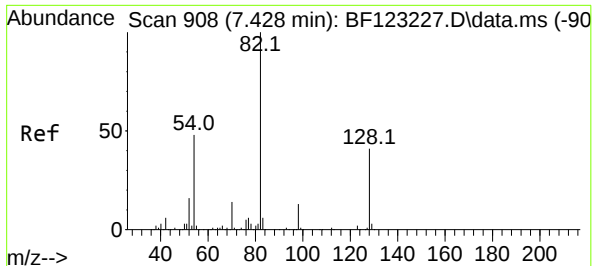
Delta R.T. -0.012 min

Lab File: BF123347.D

Acq: 2 Mar 2021 21:00

Tgt Ion: 136	Resp: 564598
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 9.3	5.5 8.3#
68 6.5	4.6 6.8





#23

Nitrobenzene-d5

Concen: 94.46 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123347.D

Acq: 2 Mar 2021 21:00

Tgt Ion: 82 Resp: 1165111

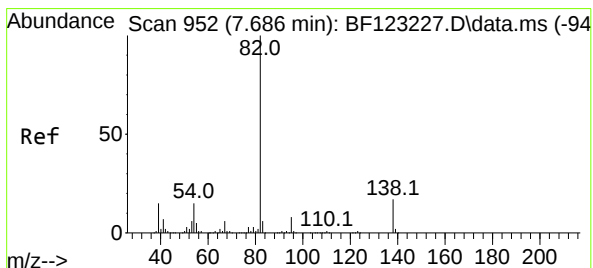
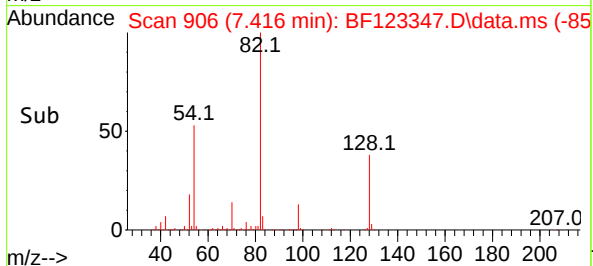
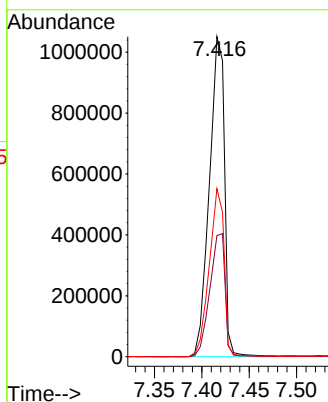
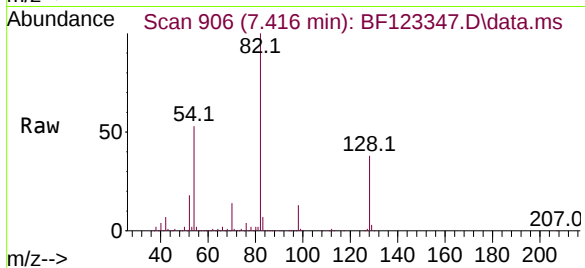
Ion	Ratio	Lower	Upper
82	100		
128	37.8	37.0	55.4
54	52.5	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

NCQ-632



#25

Isophorone

Concen: 50.36 ng

RT: 7.416 min Scan# 906

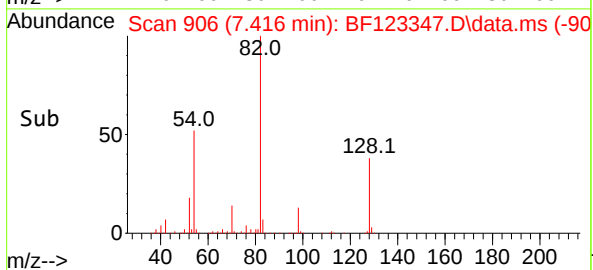
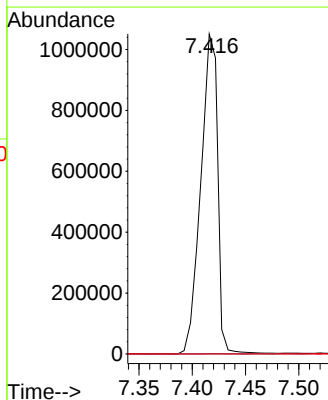
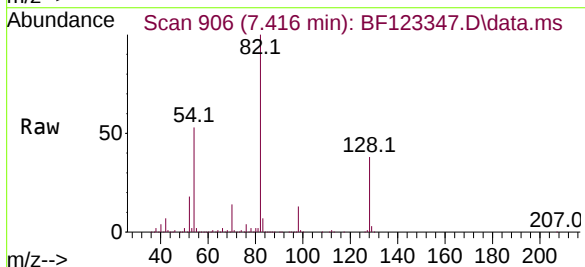
Delta R.T. -0.271 min

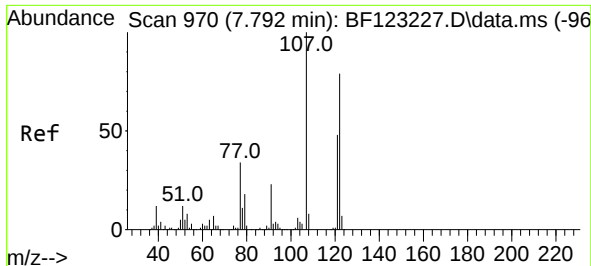
Lab File: BF123347.D

Acq: 2 Mar 2021 21:00

Tgt Ion: 82 Resp: 1161610

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

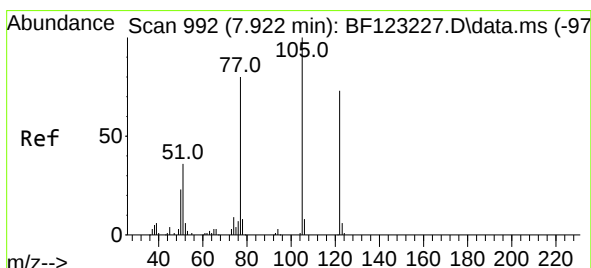
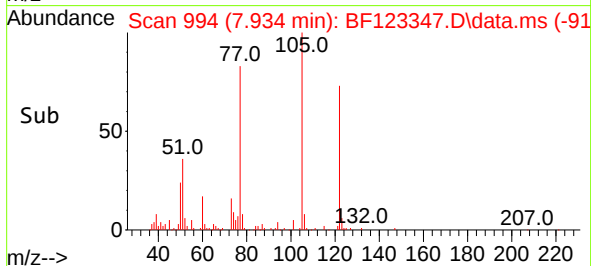
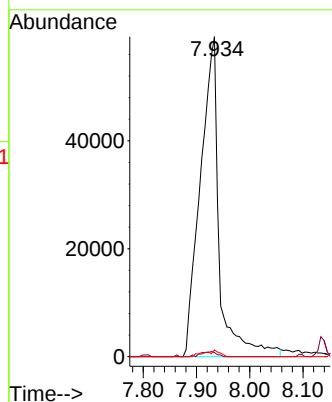
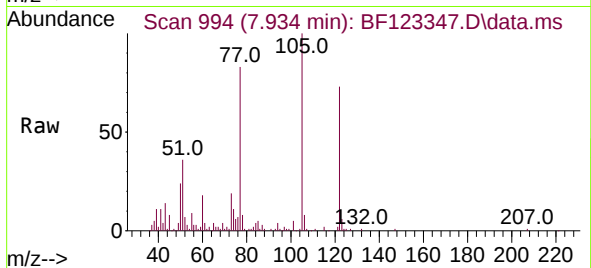




#27
2,4-Dimethylphenol
Concen: 17.42 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.141 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

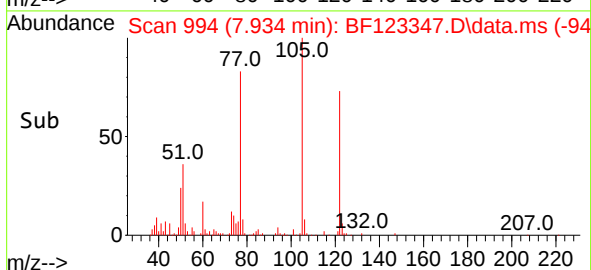
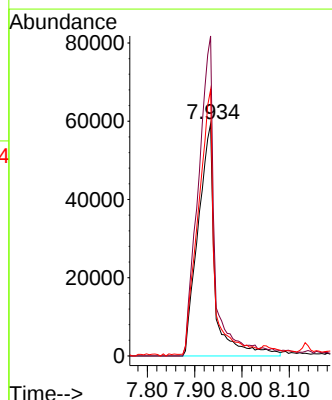
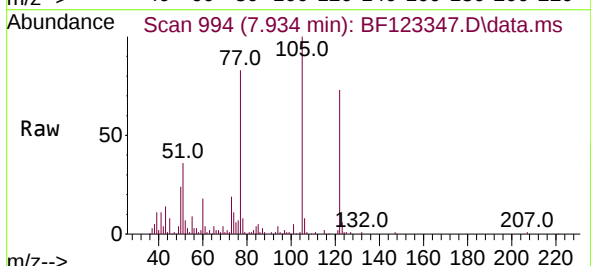
Instrument :
BNA_F
ClientSampleId :
NCQ-632

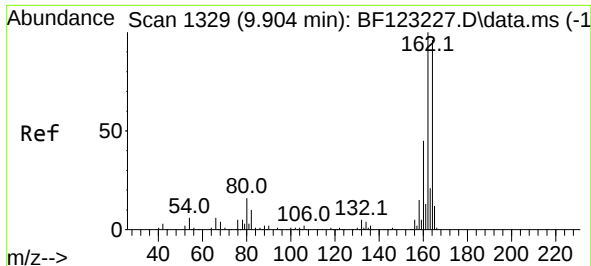
Tgt Ion:122 Resp: 146902
Ion Ratio Lower Upper
122 100
107 1.3 91.8 137.8#
121 2.1 47.3 70.9#



#32
Benzoic acid
Concen: 23.86 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion:122 Resp: 148435
Ion Ratio Lower Upper
122 100
105 137.9 104.8 144.8
77 114.8 71.0 111.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF123347.D

Acq: 2 Mar 2021 21:00

Tgt Ion:164 Resp: 288766

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

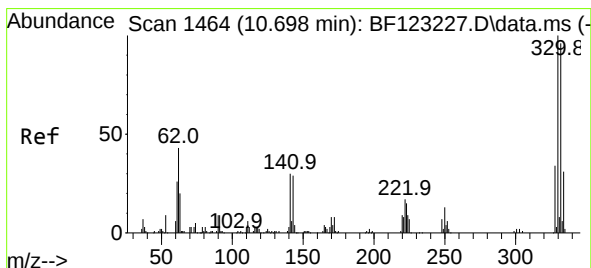
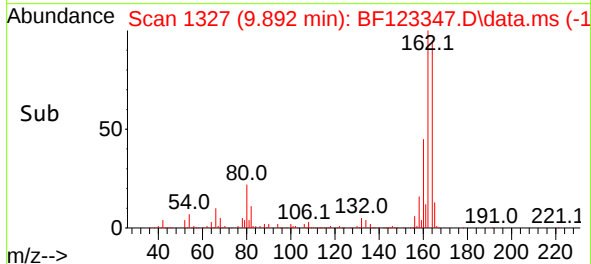
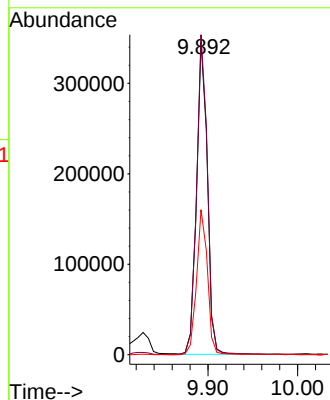
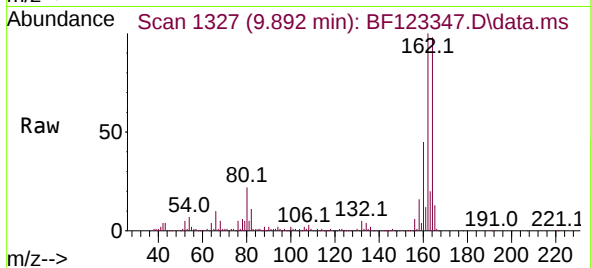
160 46.3 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

NCQ-632



#42

2,4,6-Tribromophenol

Concen: 86.23 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF123347.D

Acq: 2 Mar 2021 21:00

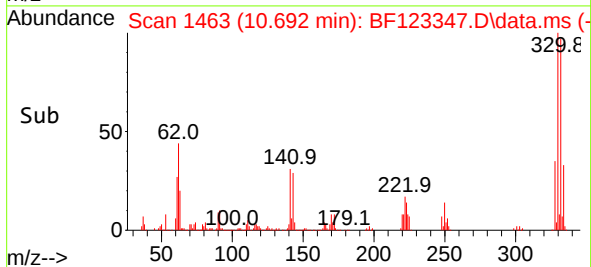
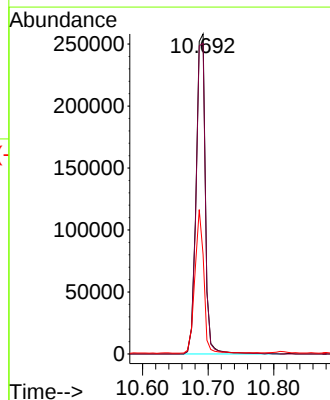
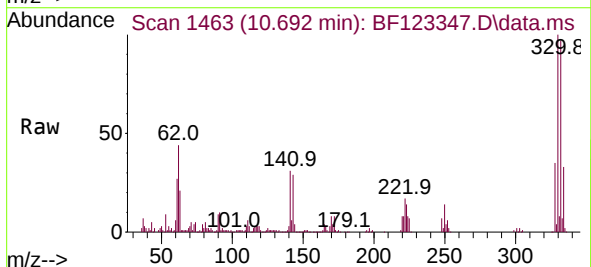
Tgt Ion:330 Resp: 253553

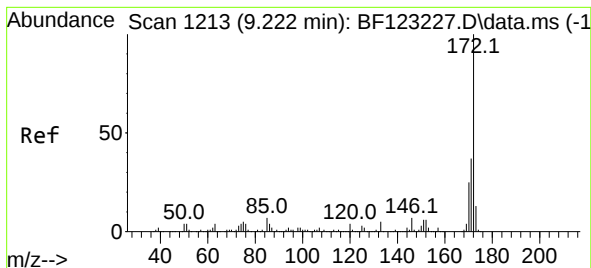
Ion Ratio Lower Upper

330 100

332 97.6 77.5 116.3

141 42.6 23.8 35.8#

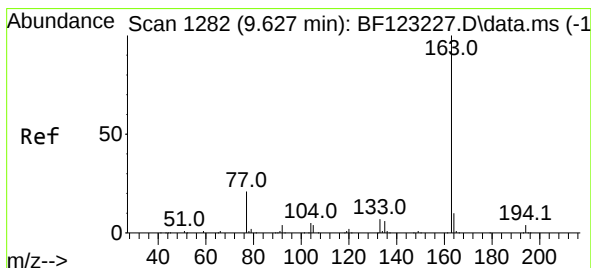
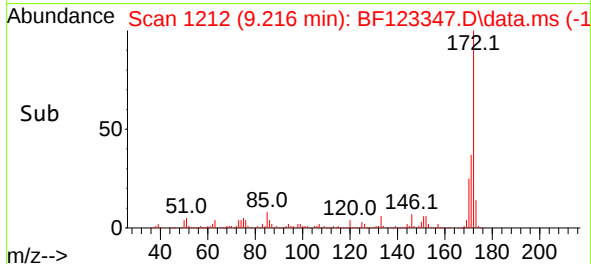
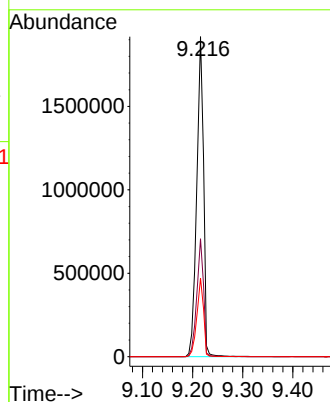
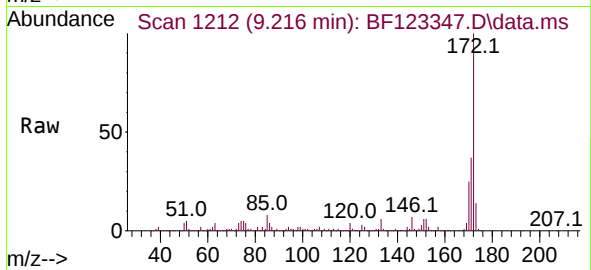




#45
2-Fluorobiphenyl
Concen: 90.08 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

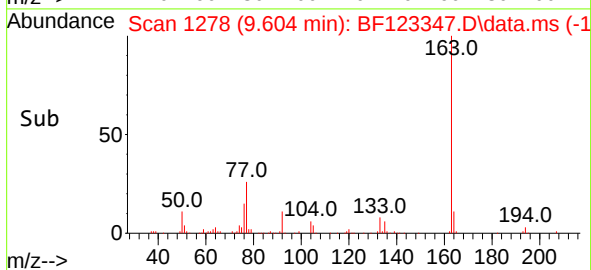
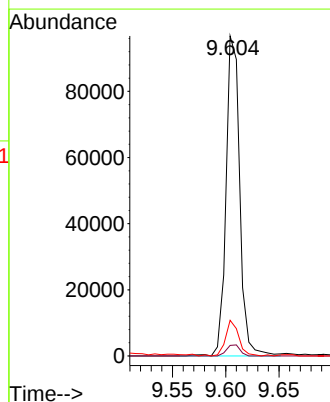
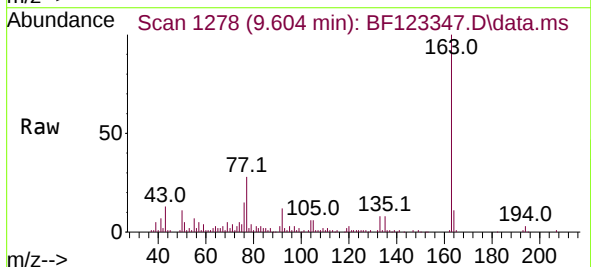
Instrument :
BNA_F
ClientSampleId :
NCQ-632

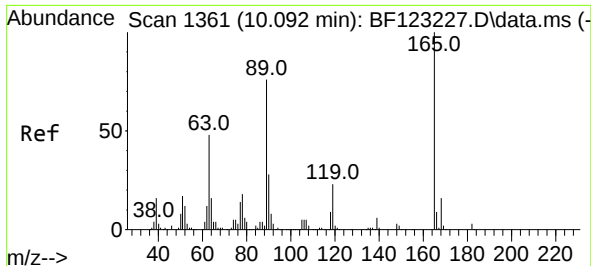
Tgt Ion:172 Resp: 1810920
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3



#50
Dimethylphthalate
Concen: 4.00 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.023 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion:163 Resp: 86382
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.0#
164 11.1 8.1 12.1

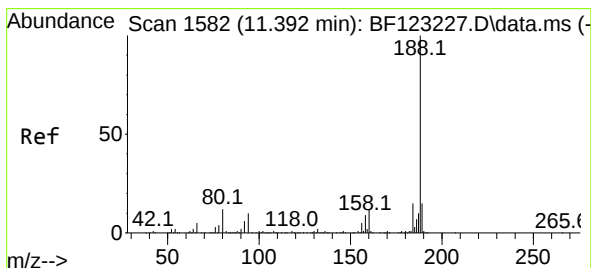
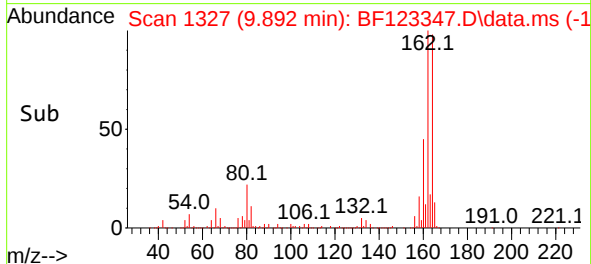
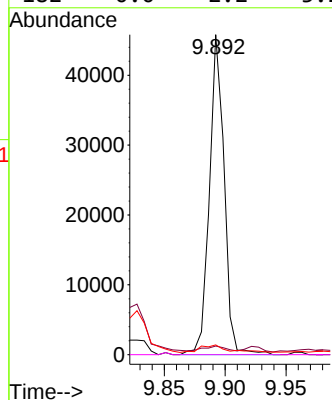
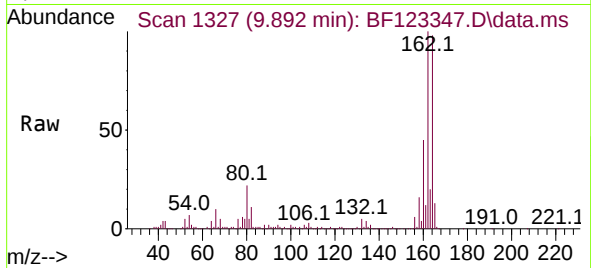




#57
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

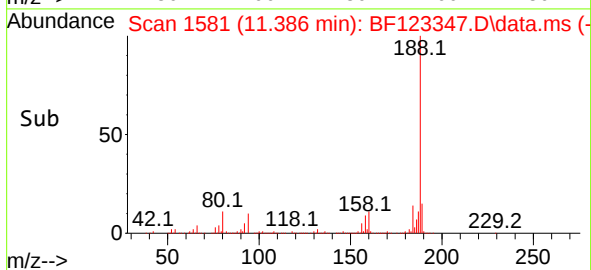
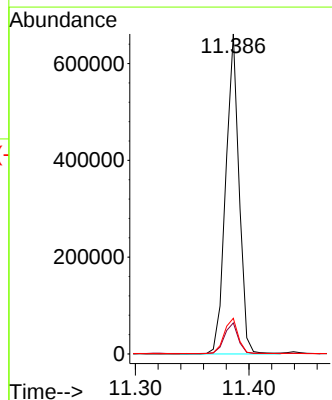
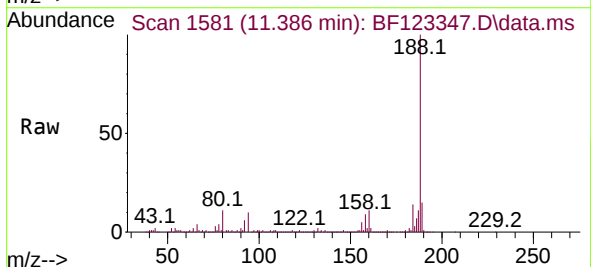
Instrument :
BNA_F
ClientSampleId :
NCQ-632

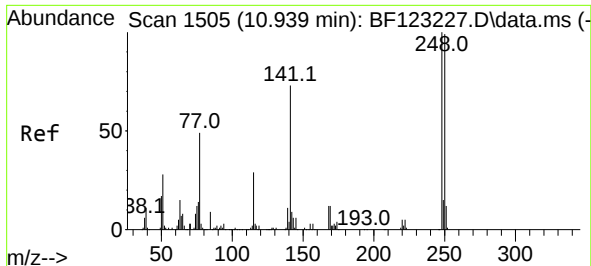
Tgt Ion:165 Resp: 38606
Ion Ratio Lower Upper
165 100
63 2.7 34.3 51.5#
89 3.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion:188 Resp: 539554
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 11.2 8.2 12.4

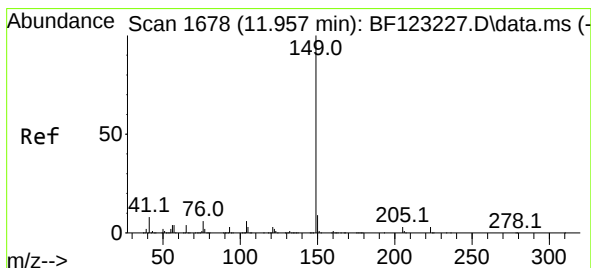
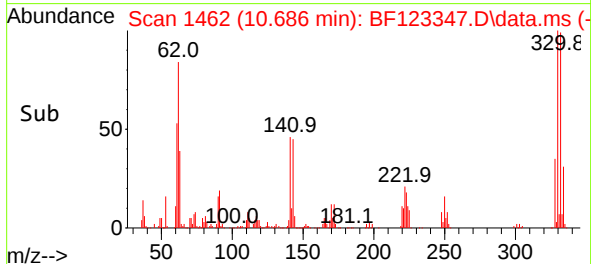
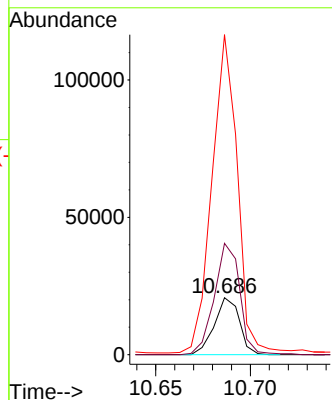
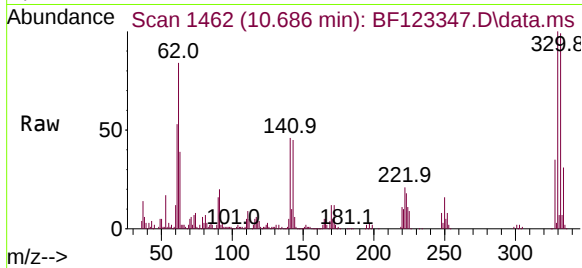




#67
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

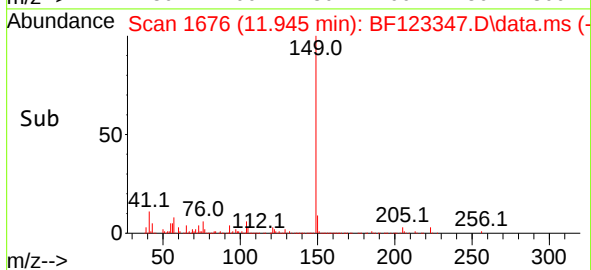
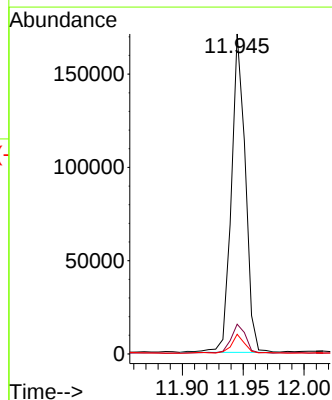
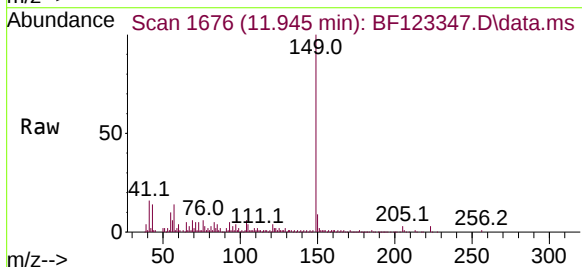
Instrument :
BNA_F
ClientSampleId :
NCQ-632

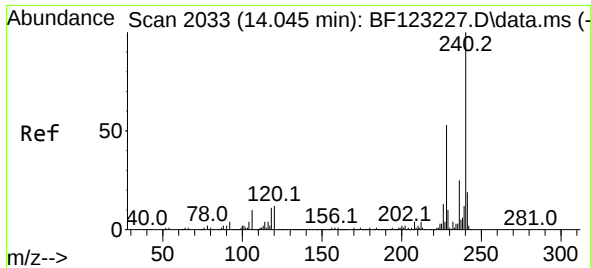
Tgt Ion:248 Resp: 19079
Ion Ratio Lower Upper
248 100
250 195.5 76.8 115.2#
141 561.8 59.8 89.8#



#74
Di-n-butylphthalate
Concen: 4.08 ng
RT: 11.945 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion:149 Resp: 136715
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 6.2 4.2 6.4

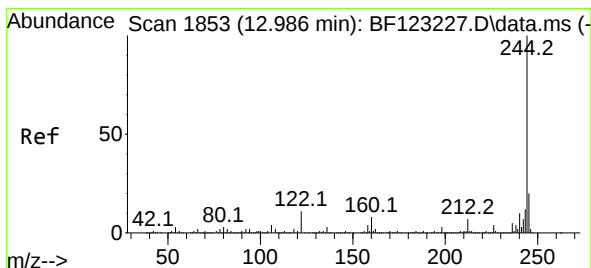
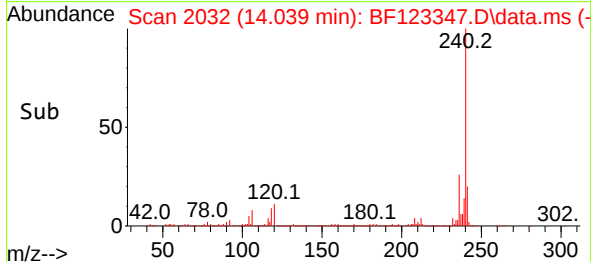
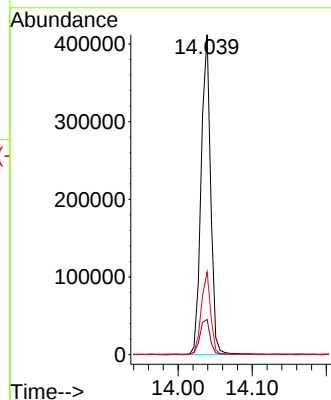
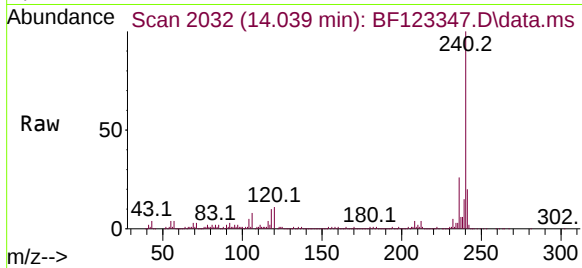




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

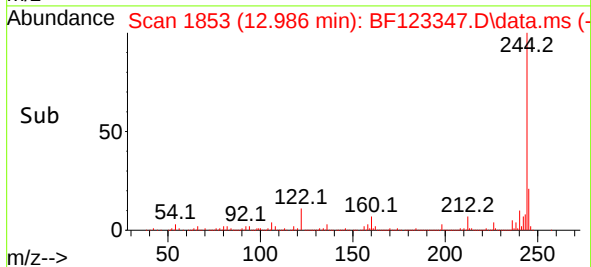
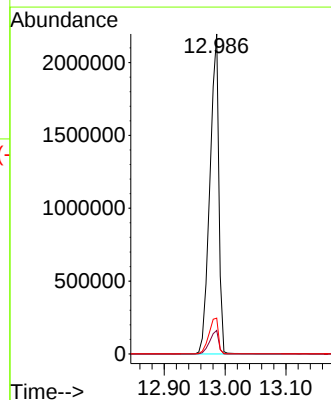
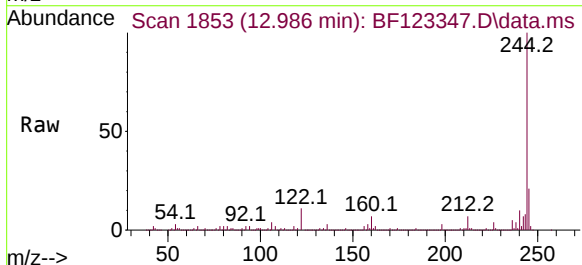
Instrument :
BNA_F
ClientSampleId :
NCQ-632

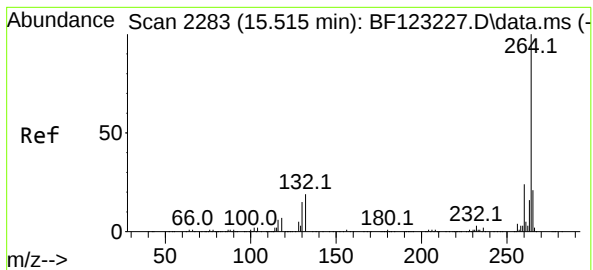
Tgt Ion:240 Resp: 364979
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 117.77 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123347.D
Acq: 2 Mar 2021 21:00

Tgt Ion:244 Resp: 2235403
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF123347.D
 Acq: 2 Mar 2021 21:00

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Tgt Ion:	264	Resp:	294304
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	21.6	17.0	25.6

