

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123392.D
 Acq On : 18 Mar 2021 19:55
 Operator : JU/CG
 Sample : M1690-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC-WC

Quant Time: Mar 19 00:19:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

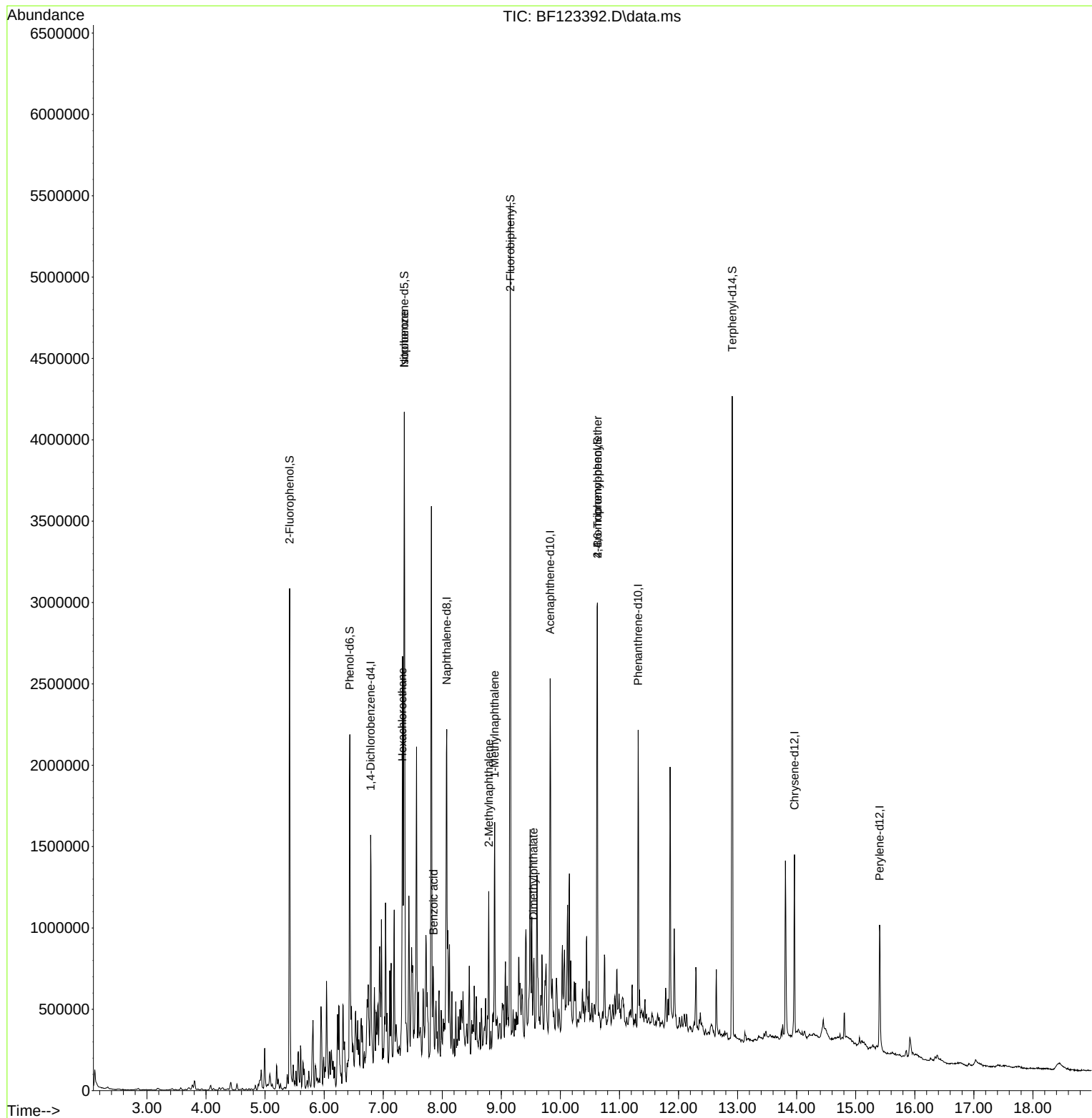
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	201563	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	802915	20.00	ng	# 0.00
39) Acenaphthene-d10	9.828	164	413842	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	629368	20.00	ng	# 0.00
76) Chrysene-d12	13.963	240	364078	20.00	ng	#-0.01
86) Perylene-d12	15.404	264	319076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	956324	67.38	ng	0.00
7) Phenol-d6	6.434	99	726607	39.41	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1151978	84.27	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	334530	115.66	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1816412	94.07	ng	0.00
79) Terphenyl-d14	12.910	244	1503621	80.41	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.346	77	6244	Below Cal	#	24
18) Hexachloroethane	7.322	117	151238	27.46	ng	# 1
20) 3+4-Methylphenols	7.222	107	9903	Below Cal	#	61
25) Isophorone	7.357	82	1132999	39.94	ng	# 65
32) Benzoic acid	7.851	122	81536	9.32	ng	96
37) 2-Methylnaphthalene	8.787	142	252443	9.10	ng	98
38) 1-Methylnaphthalene	8.887	142	354495	13.59	ng	98
50) Dimethylphthalate	9.545	163	67837	2.32	ng	97
55) Dibenzofuran	10.034	168	18021	Below Cal	#	15
61) 4-Chlorophenyl-phenyle...	10.375	204	126	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.628	248	21717	3.62	ng	# 1
75) Fluoranthene	12.533	202	7871	Below Cal		68

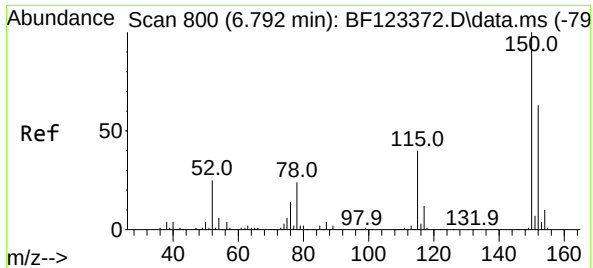
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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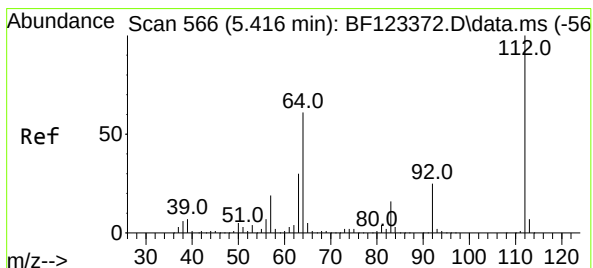
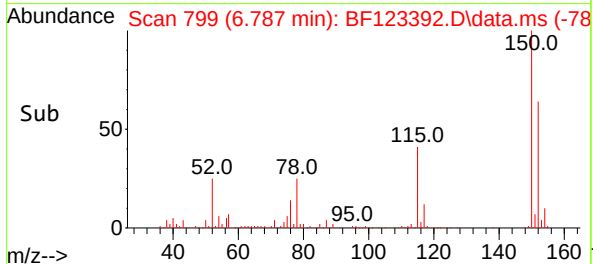
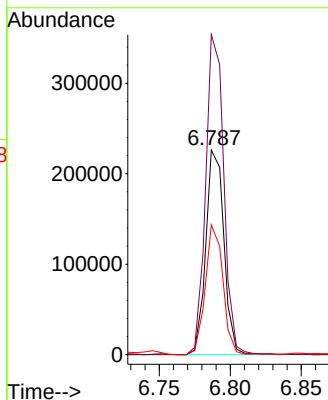
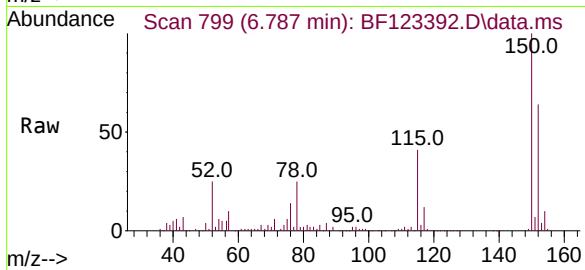




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

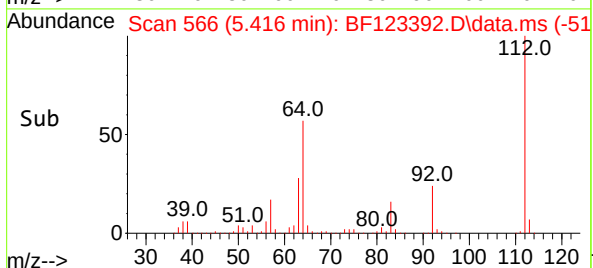
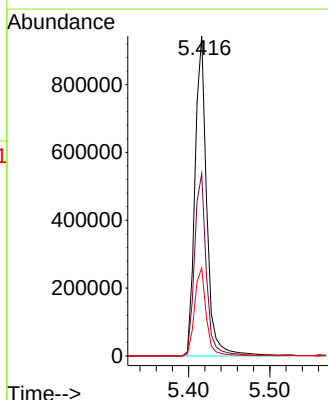
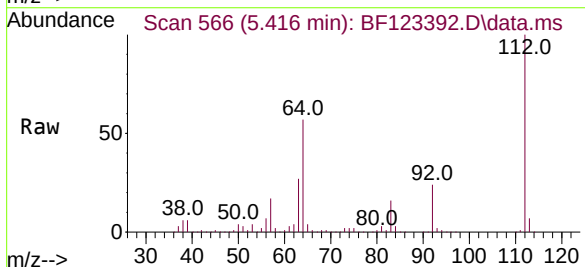
Instrument :
BNA_F
ClientSampleId :
MC-WC

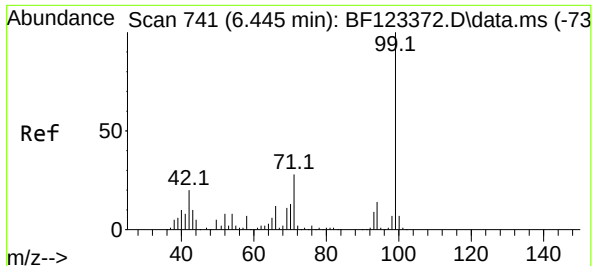
Tgt Ion:152 Resp: 201563
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 63.4 49.3 73.9



#5
2-Fluorophenol
Concen: 67.38 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion:112 Resp: 956324
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 27.5 24.5 36.7

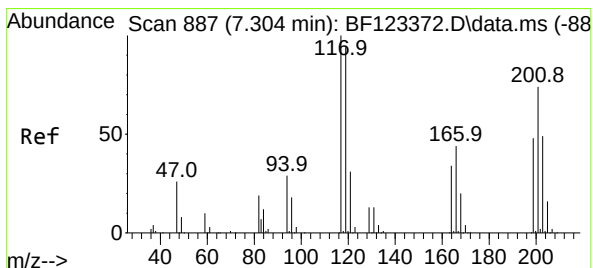
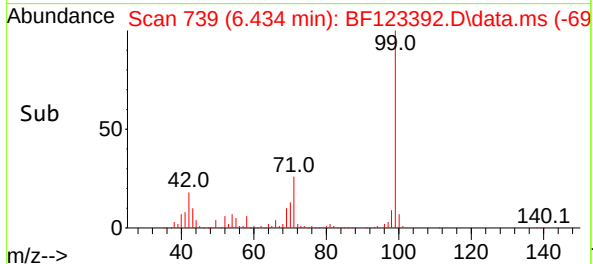
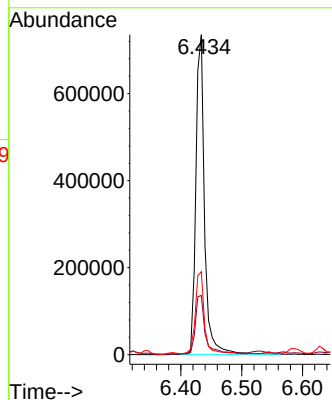
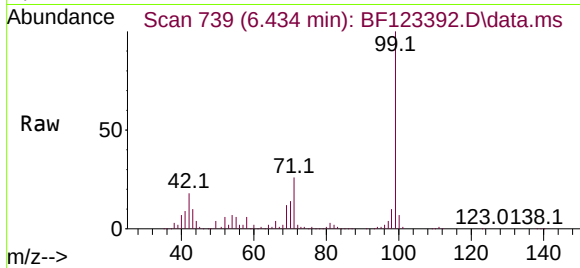




#7
Phenol-d6
Concen: 39.41 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

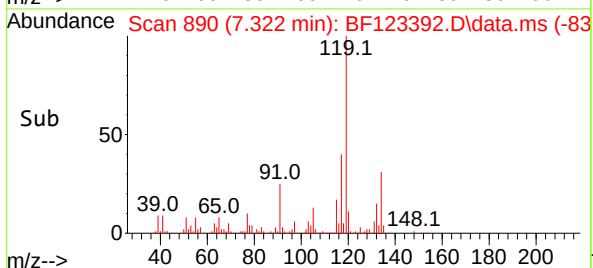
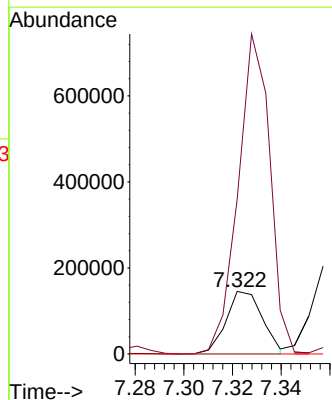
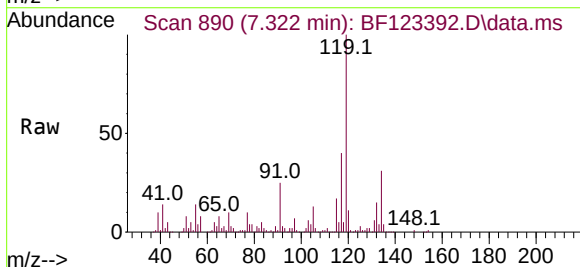
Instrument :
BNA_F
ClientSampled :
MC-WC

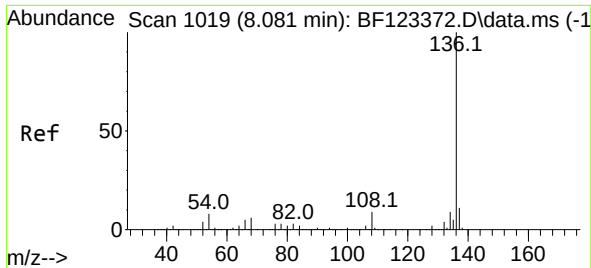
Tgt Ion:	99	Resp:	726607
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.8	20.6
71	25.9	26.9	40.3#



#18
Hexachloroethane
Concen: 27.46 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.018 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion:	117	Resp:	151238
Ion Ratio	Lower	Upper	
117	100		
119	247.2	78.4	117.6#
201	0.0	79.6	119.4#



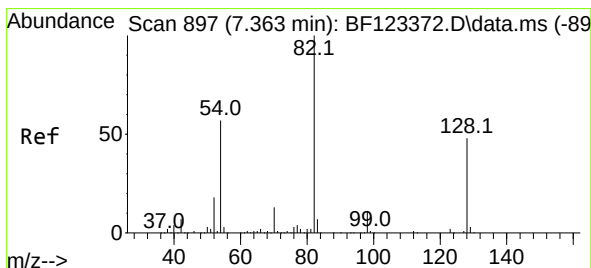
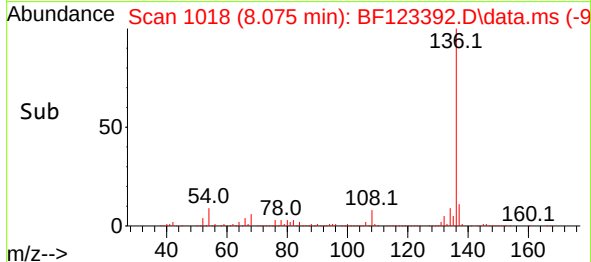
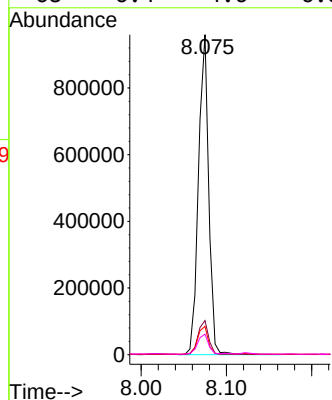
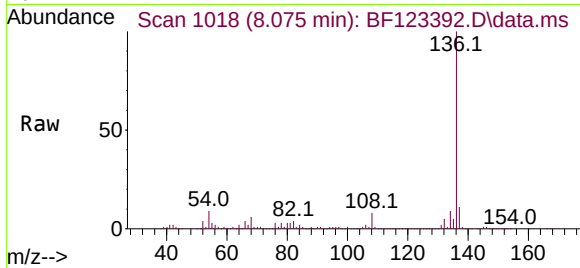


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Instrument :
BNA_F
ClientSampled :
MC-WC

Tgt Ion:136 Resp: 802915

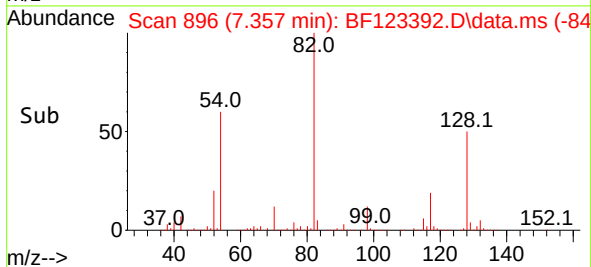
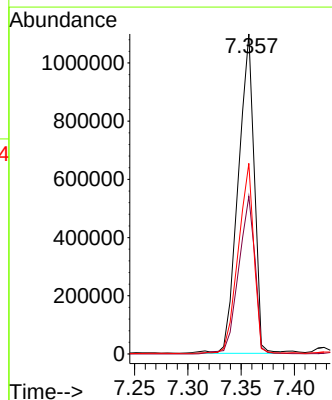
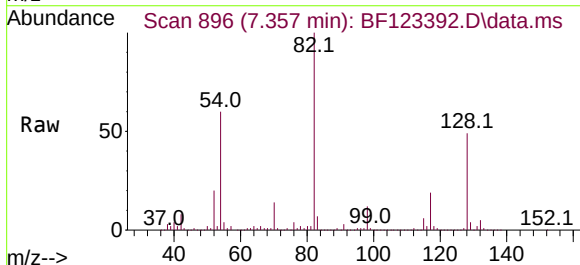
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.9	5.5	8.3#
68	6.4	4.6	6.8

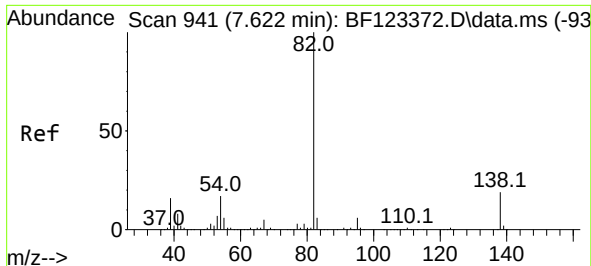


#23
Nitrobenzene-d5
Concen: 84.27 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion: 82 Resp: 1151978

Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.0	55.4
54	59.6	38.4	57.6#

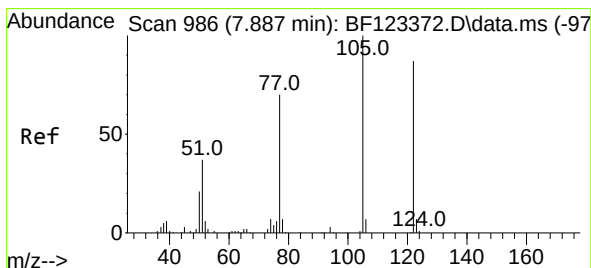
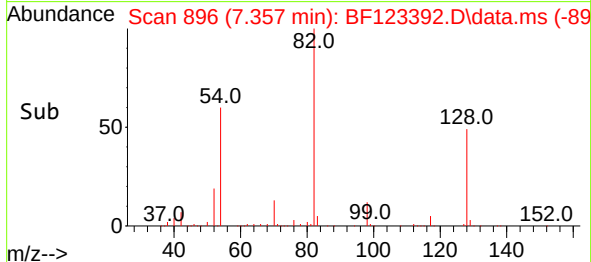
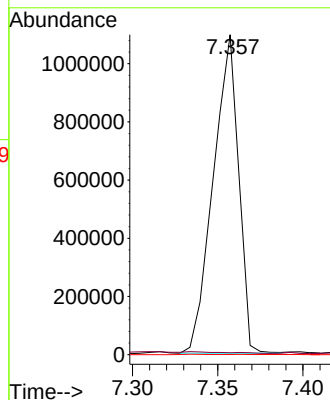
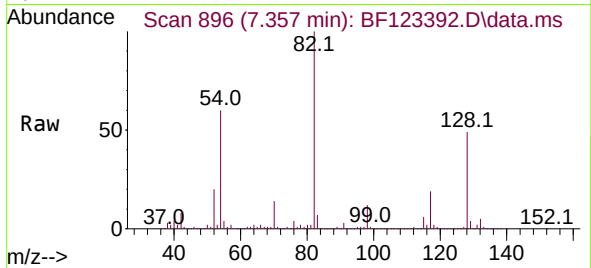




#25
Isophorone
Concen: 39.94 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

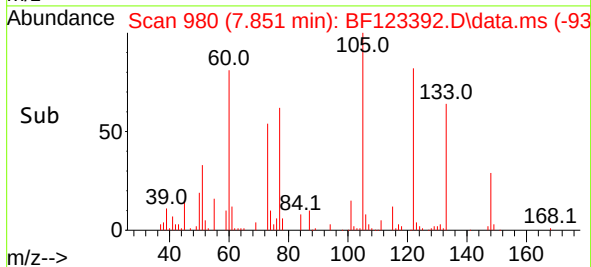
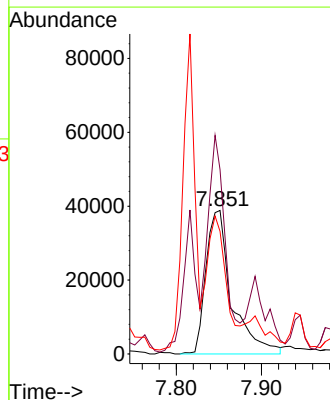
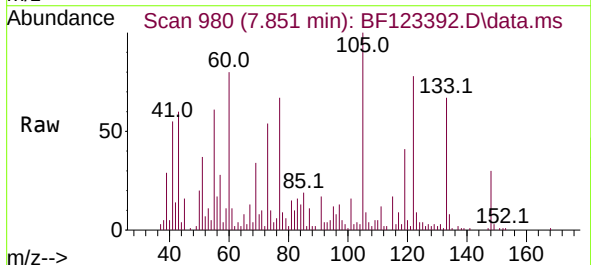
Instrument :
BNA_F
ClientSampleId :
MC-WC

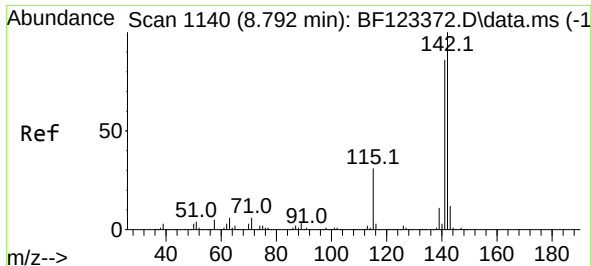
Tgt Ion: 82 Resp: 1132999
Ion Ratio Lower Upper
82 100
95 0.6 5.8 8.6#
138 0.1 14.6 21.8#



#32
Benzoic acid
Concen: 9.32 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion:122 Resp: 81536
Ion Ratio Lower Upper
122 100
105 128.4 104.8 144.8
77 85.4 71.0 111.0

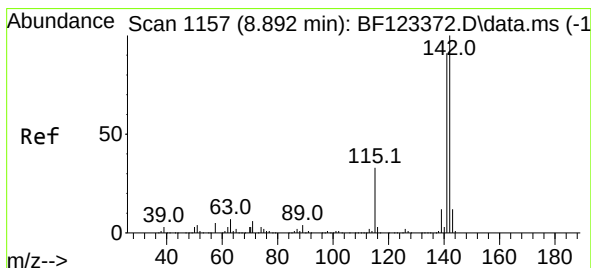
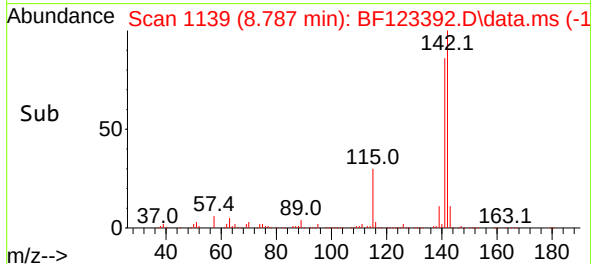
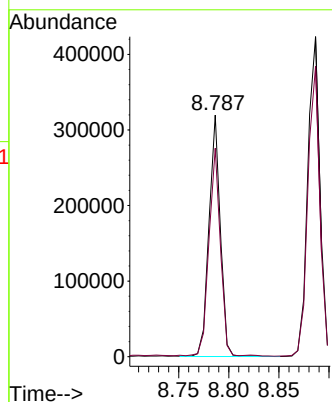
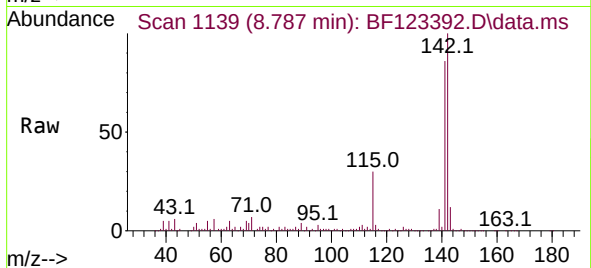




#37
2-Methylnaphthalene
Concen: 9.10 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

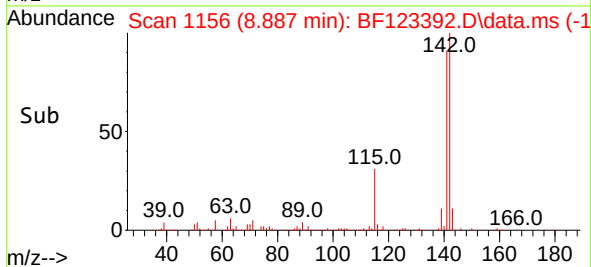
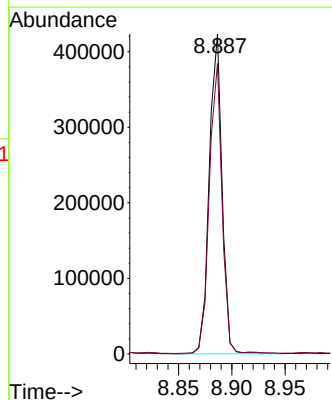
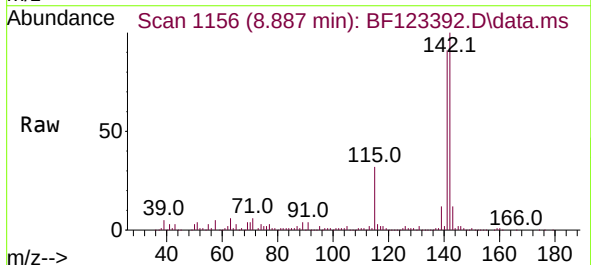
Instrument :
BNA_F
ClientSampleId :
MC-WC

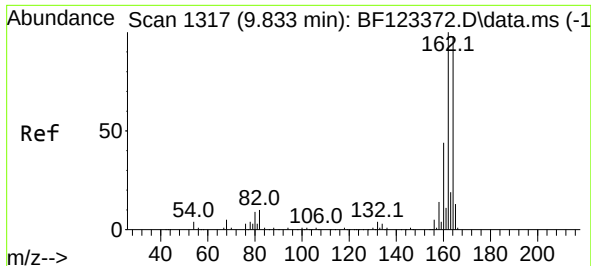
Tgt Ion:142 Resp: 252443
Ion Ratio Lower Upper
142 100
141 86.3 70.6 106.0



#38
1-Methylnaphthalene
Concen: 13.59 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion:142 Resp: 354495
Ion Ratio Lower Upper
142 100
141 90.7 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF123392.D

Acq: 18 Mar 2021 19:55

Instrument :

BNA_F

ClientSampleId :

MC-WC

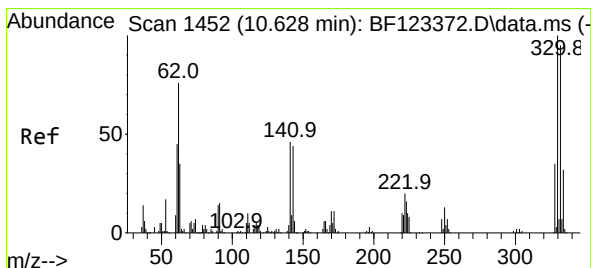
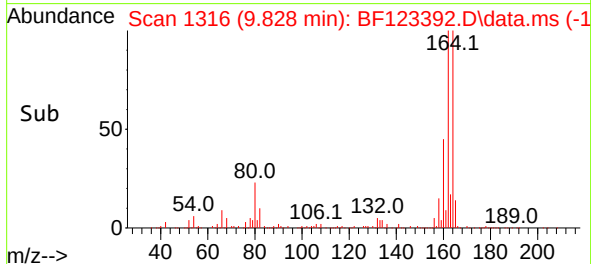
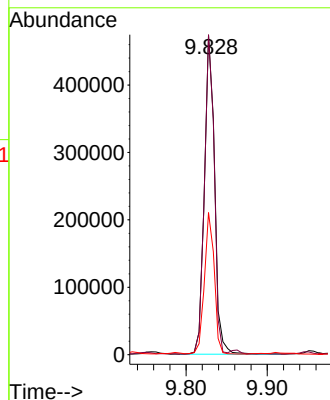
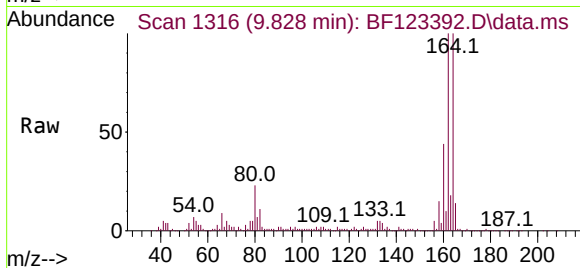
Tgt Ion:164 Resp: 413842

Ion Ratio Lower Upper

164 100

162 100.1 80.8 121.2

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 115.66 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF123392.D

Acq: 18 Mar 2021 19:55

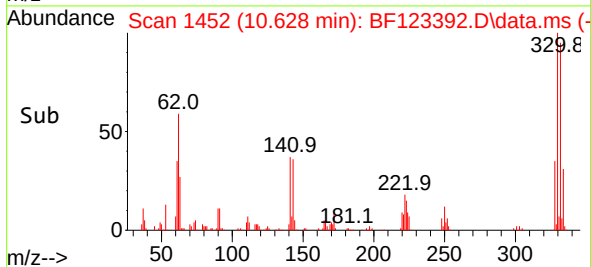
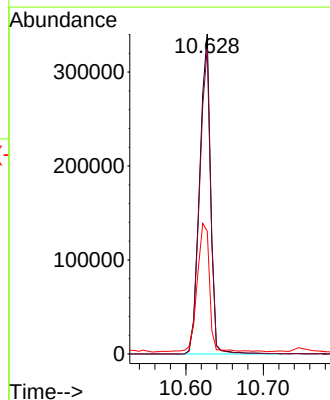
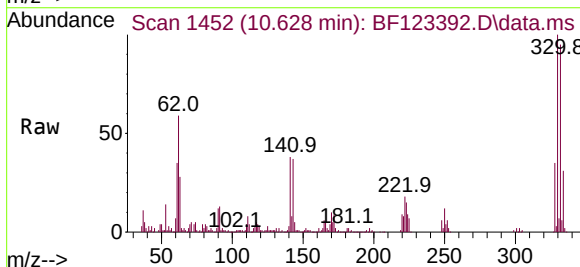
Tgt Ion:330 Resp: 334530

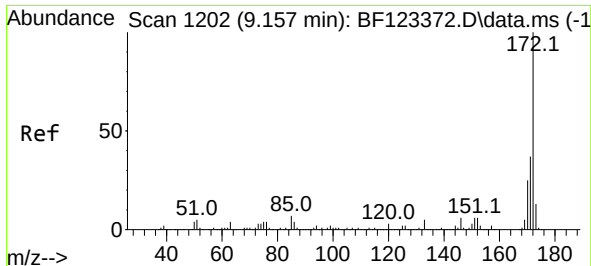
Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

141 45.7 23.8 35.8#

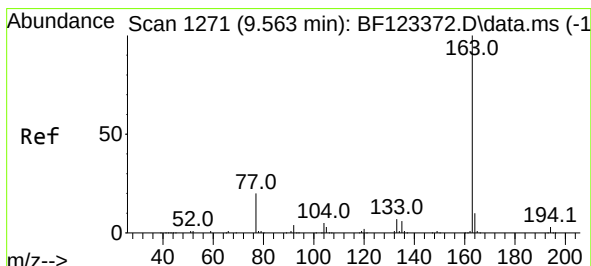
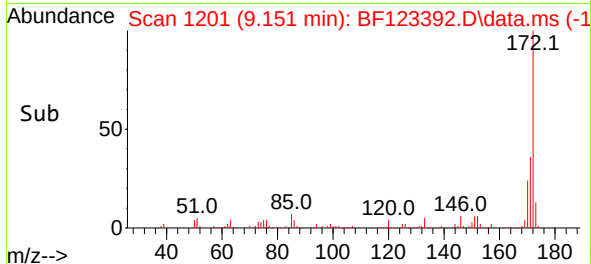
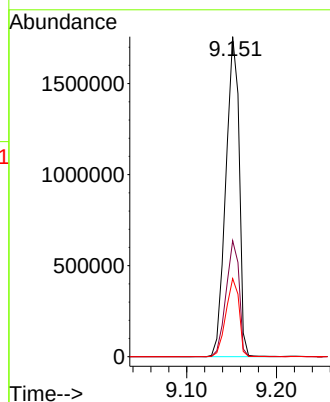
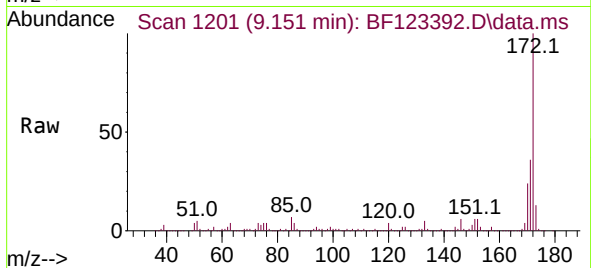




#45
2-Fluorobiphenyl
Concen: 94.07 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

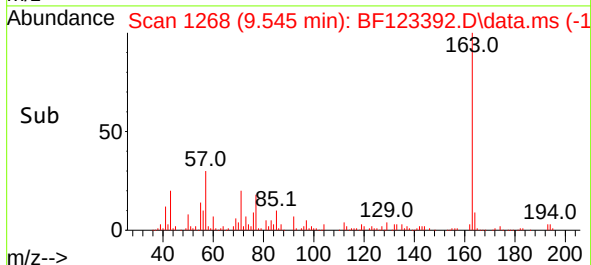
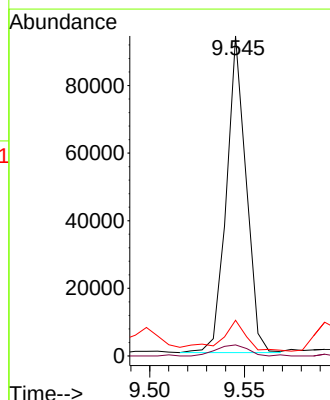
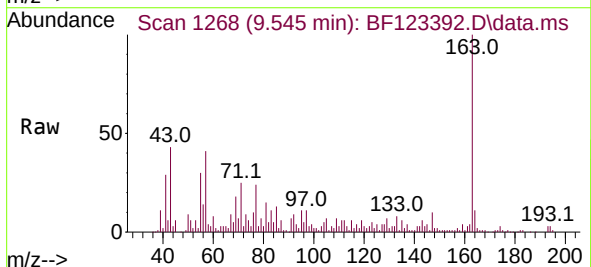
Instrument :
BNA_F
ClientSampleId :
MC-WC

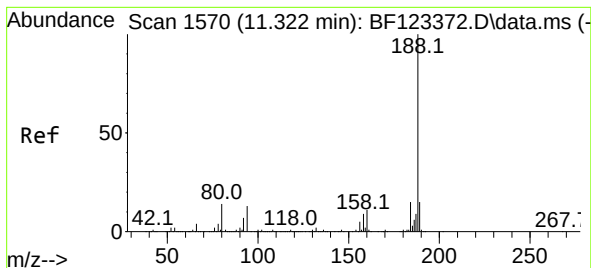
Tgt Ion:172 Resp: 1816412
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 19.5 29.3



#50
Dimethylphthalate
Concen: 2.32 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion:163 Resp: 67837
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.0
164 11.2 8.1 12.1

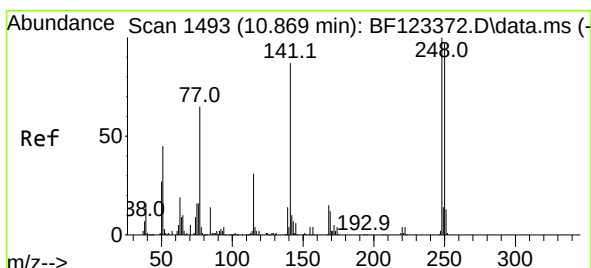
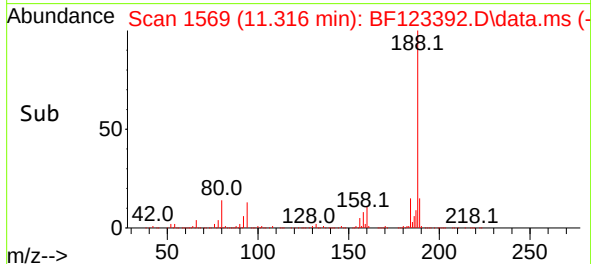
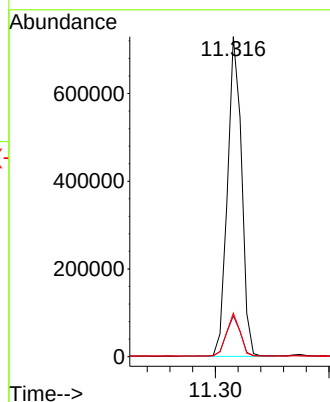
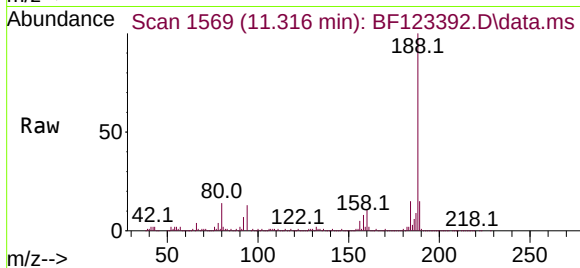




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

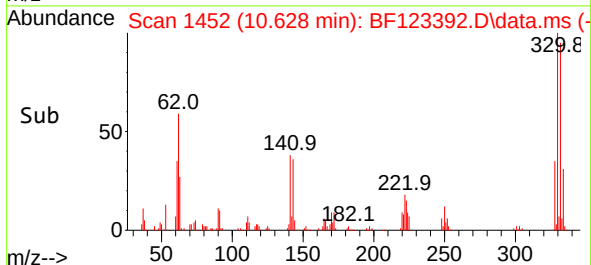
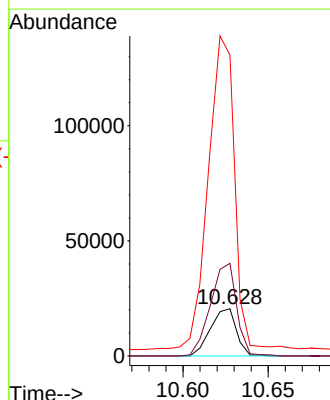
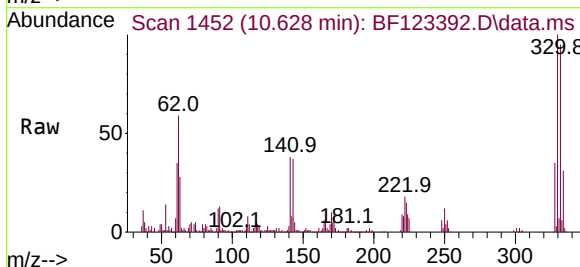
Instrument :
BNA_F
ClientSampleId :
MC-WC

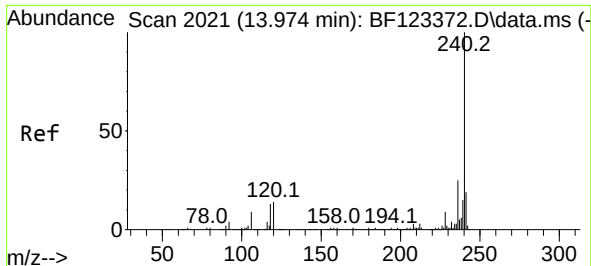
Tgt Ion:188 Resp: 629368
Ion Ratio Lower Upper
188 100
94 12.8 7.4 11.2#
80 13.7 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Tgt Ion:248 Resp: 21717
Ion Ratio Lower Upper
248 100
250 196.3 76.8 115.2#
141 637.3 59.8 89.8#

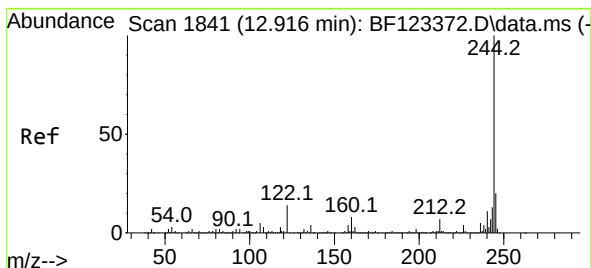
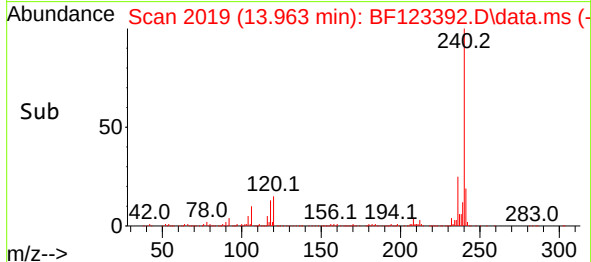
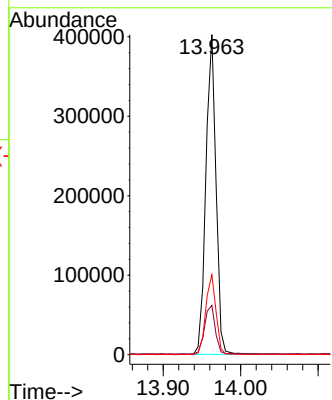
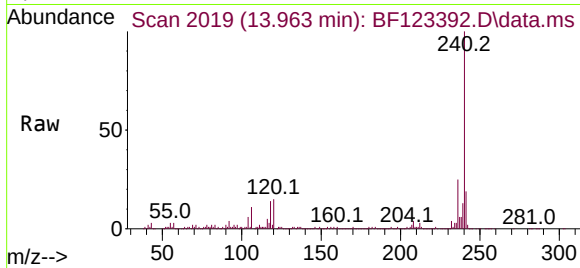




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

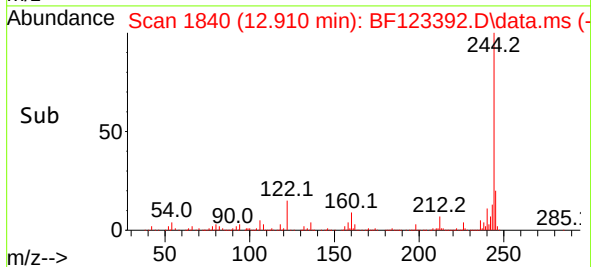
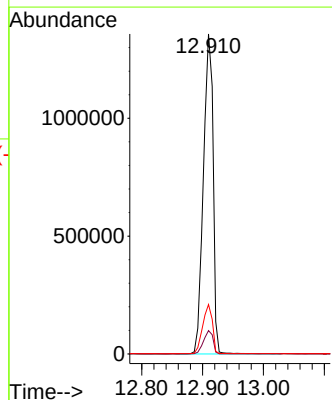
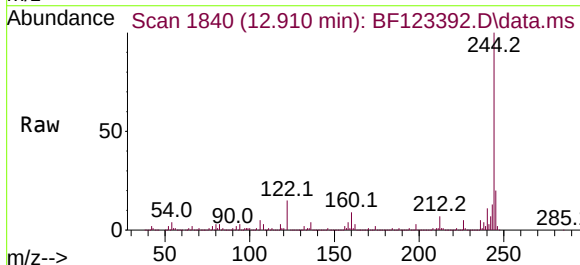
Instrument :
BNA_F
ClientSampled :
MC-WC

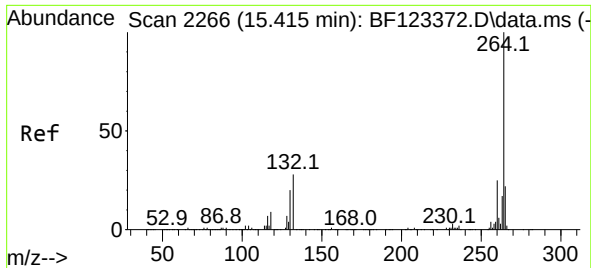
Tgt Ion:240 Resp: 364078
Ion Ratio Lower Upper
240 100
120 15.4 8.6 12.8#
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 80.41 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

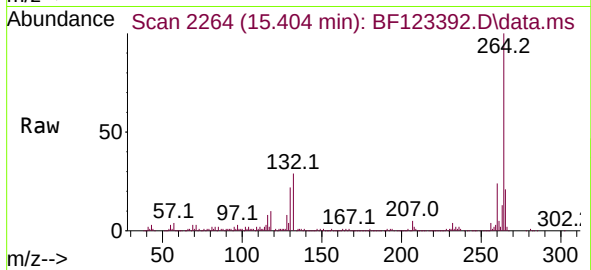
Tgt Ion:244 Resp: 1503621
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 15.4 8.3 12.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.012 min
Lab File: BF123392.D
Acq: 18 Mar 2021 19:55

Instrument :
BNA_F
ClientSampleId :
MC-WC



Tgt Ion:264 Resp: 319076

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.5	17.0	25.6

