

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123316.D
 Acq On : 26 Feb 2021 22:30
 Operator : JU/CG
 Sample : M1499-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-1

Quant Time: Feb 26 23:31:29 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)

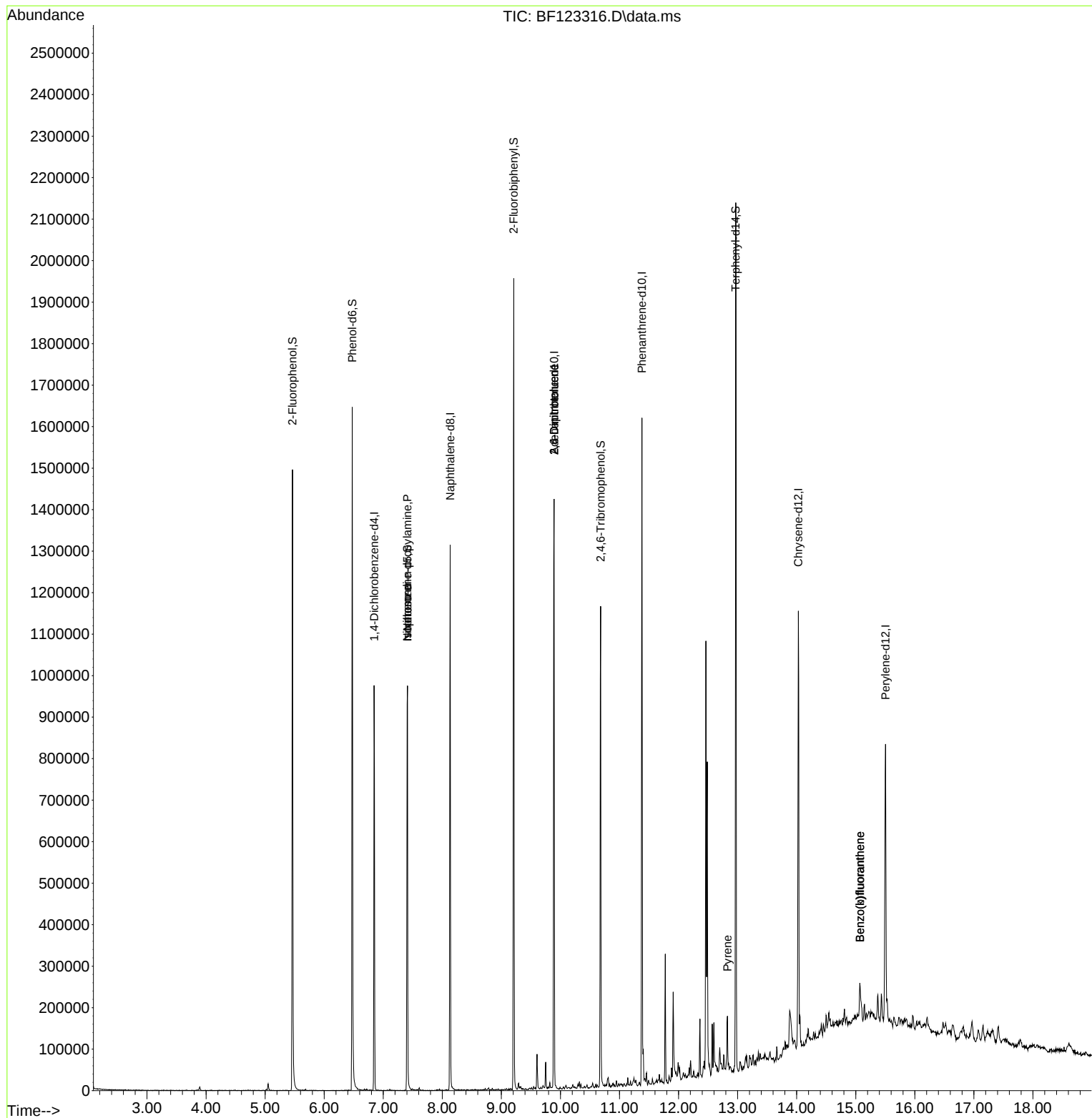
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	126126	20.00	ng	-0.01
21) Naphthalene-d8	8.133	136	517013	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	268391	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	501414	20.00	ng	-0.01
76) Chrysene-d12	14.027	240	331305	20.00	ng	-0.02
86) Perylene-d12	15.504	264	282331	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	367829	41.98	ng	-0.01
7) Phenol-d6	6.475	99	478510	40.20	ng	-0.02
23) Nitrobenzene-d5	7.410	82	317201	28.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	110756	40.53	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	534000	28.58	ng	-0.01
79) Terphenyl-d14	12.968	244	551214	31.99	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	758	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	42702	6.03	ng	# 80
25) Isophorone	7.410	82	314593	14.90	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	34598	7.48	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	34598	5.56	ng	# 26
78) Pyrene	12.827	202	52658	2.04	ng	# 98
88) Benzo(b)fluoranthene	15.074	252	47275	2.38	ng	# 94
89) Benzo(k)fluoranthene	15.074	252	47275	2.63	ng	# 94

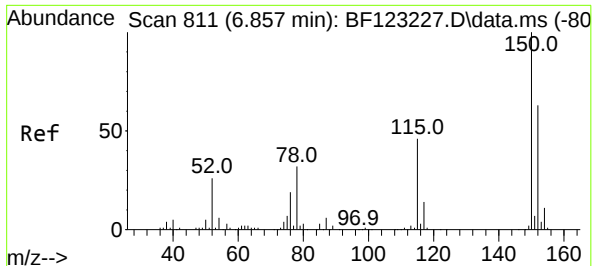
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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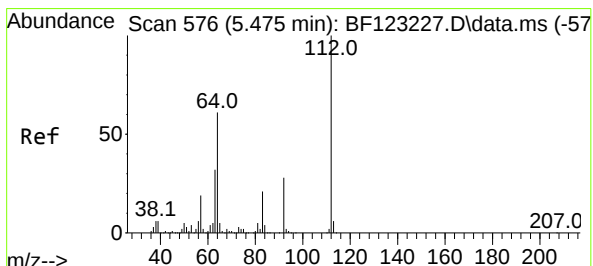
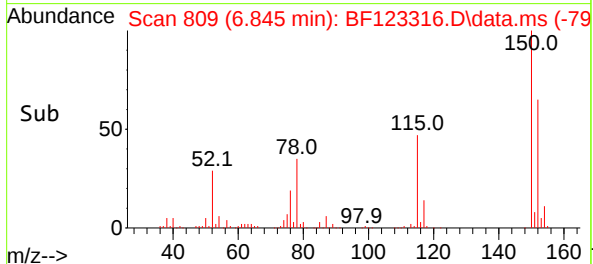
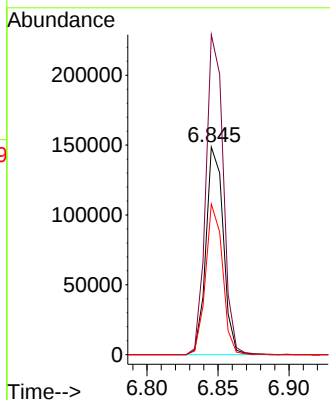
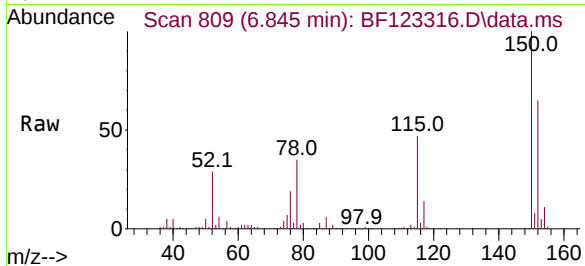




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

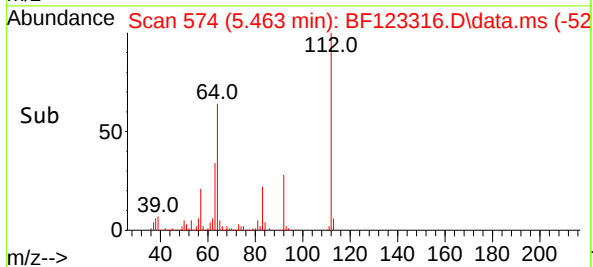
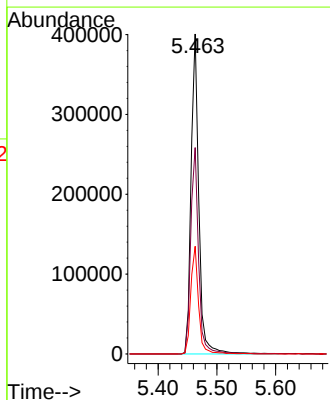
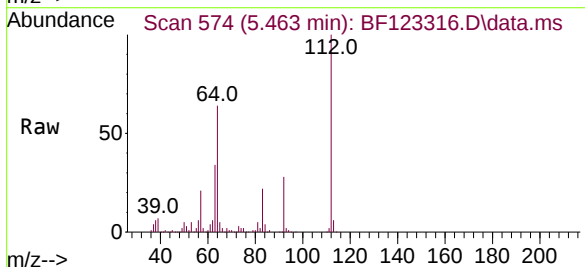
Instrument :
BNA_F
ClientSampled :
N-1

Tgt Ion:152 Resp: 126126
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 72.6 49.3 73.9



#5
2-Fluorophenol
Concen: 41.98 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion:112 Resp: 367829
Ion Ratio Lower Upper
112 100
64 64.5 46.9 70.3
63 33.6 24.5 36.7

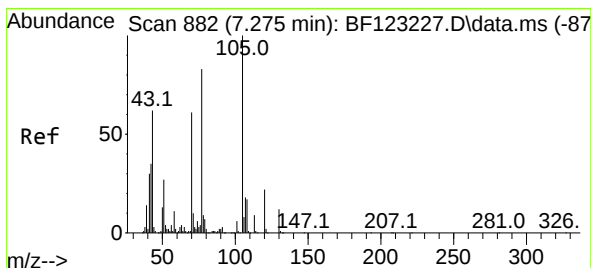
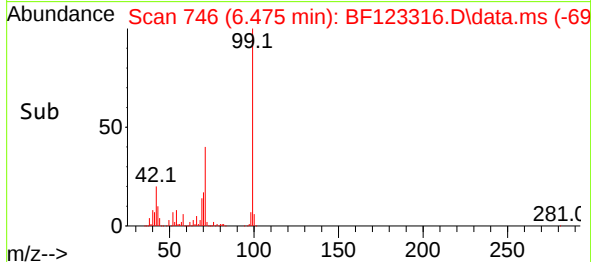
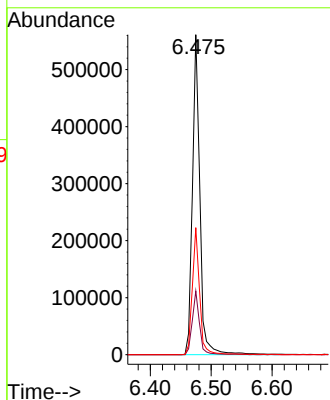
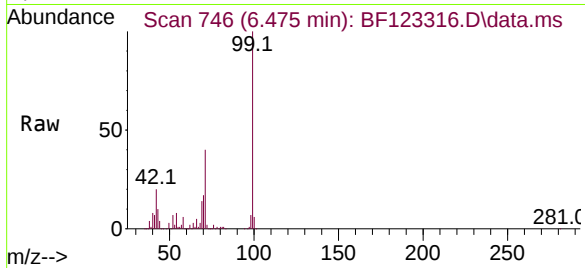




#7
Phenol-d6
Concen: 40.20 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

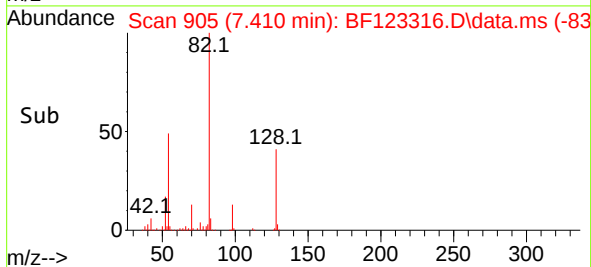
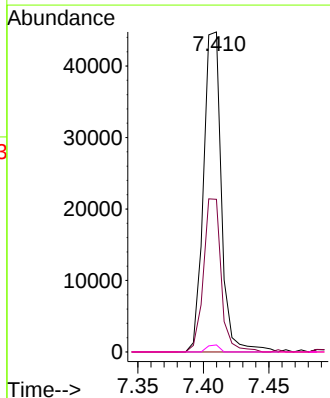
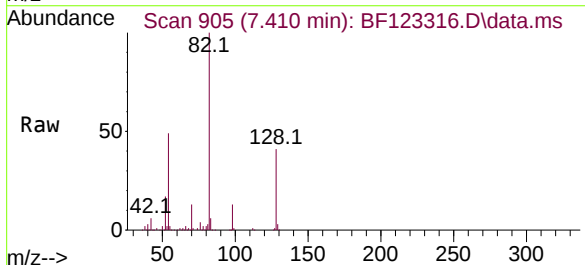
Instrument :
BNA_F
ClientSampleId :
N-1

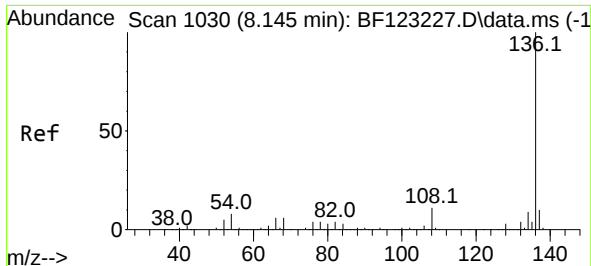
Tgt Ion: 99 Resp: 478510
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 39.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 6.03 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion: 70 Resp: 42702
Ion Ratio Lower Upper
70 100
42 47.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



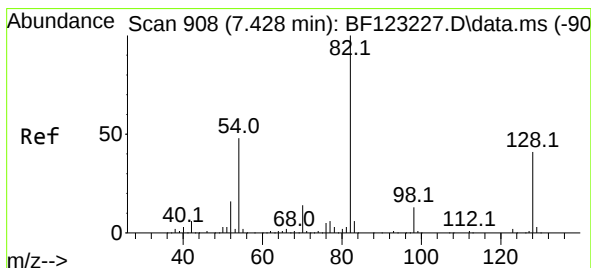
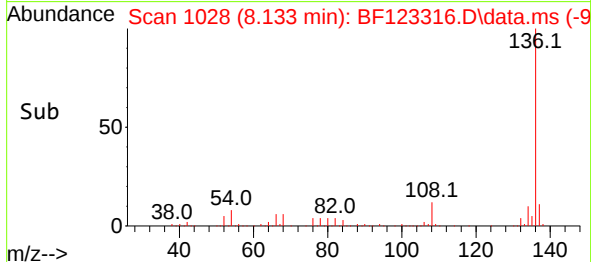
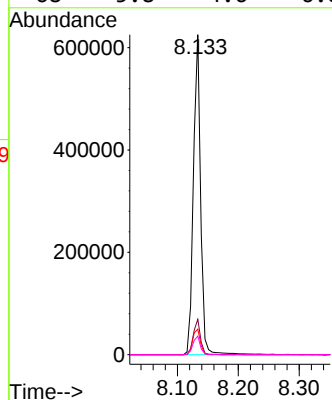
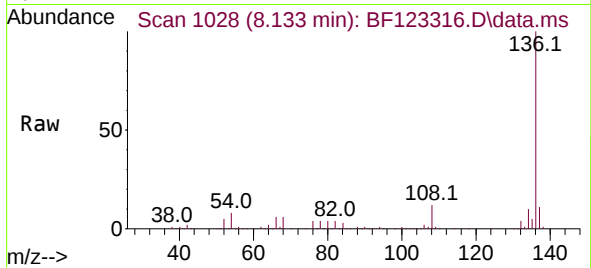


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Instrument :
BNA_F
ClientSampleId :
N-1

Tgt Ion:136 Resp: 517013

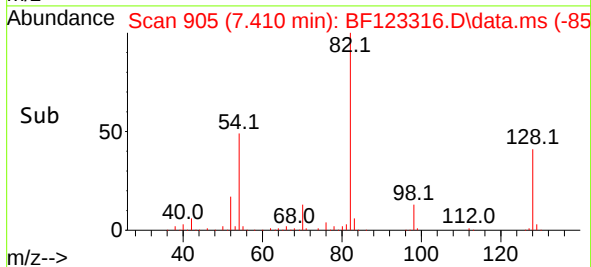
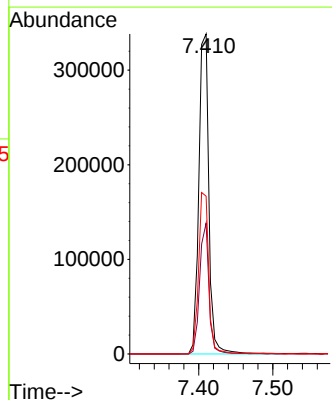
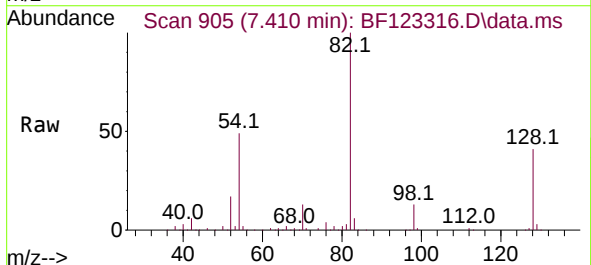
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.5	8.3
68	5.8	4.6	6.8

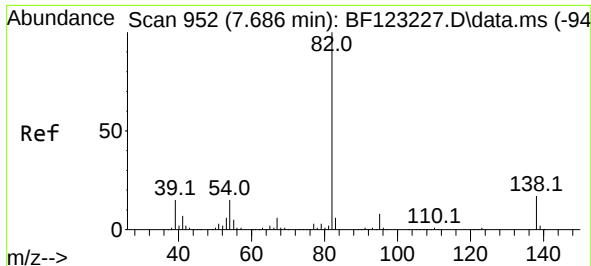


#23
Nitrobenzene-d5
Concen: 28.09 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion: 82 Resp: 317201

Ion	Ratio	Lower	Upper
82	100		
128	40.9	37.0	55.4
54	49.3	38.4	57.6

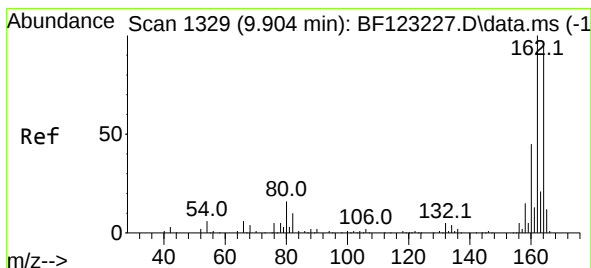
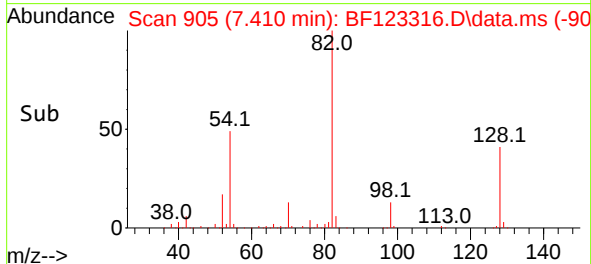
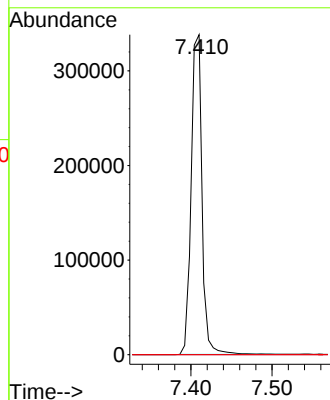
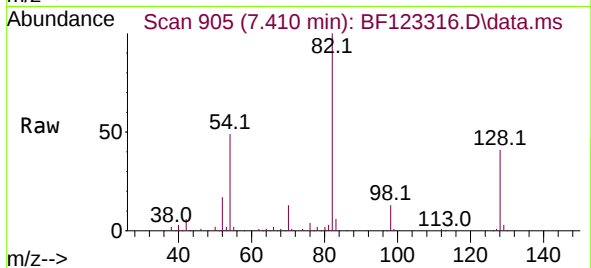




#25
Isophorone
Concen: 14.90 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.277 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

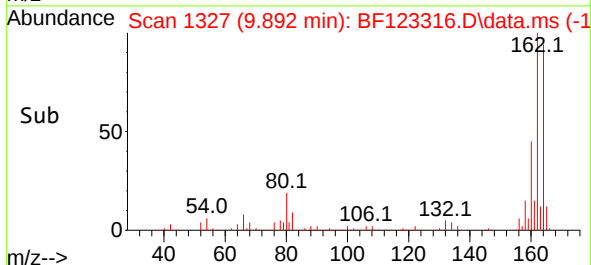
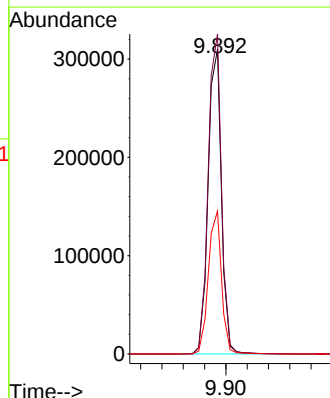
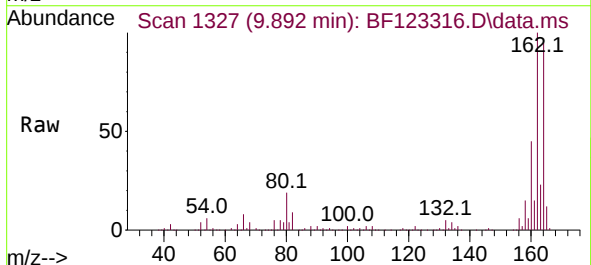
Instrument :
BNA_F
ClientSampleId :
N-1

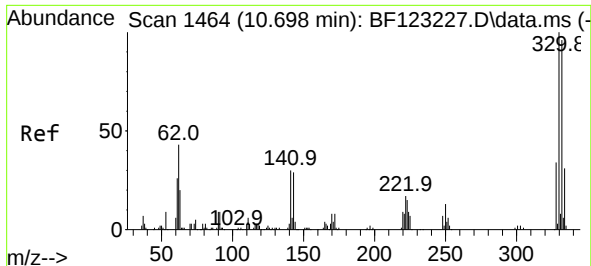
Tgt Ion: 82 Resp: 314593
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion: 164 Resp: 268391
Ion Ratio Lower Upper
164 100
162 105.1 80.8 121.2
160 46.9 35.4 53.0

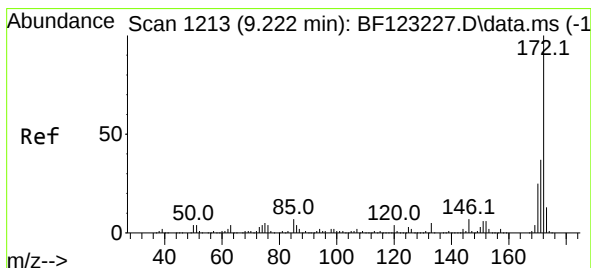
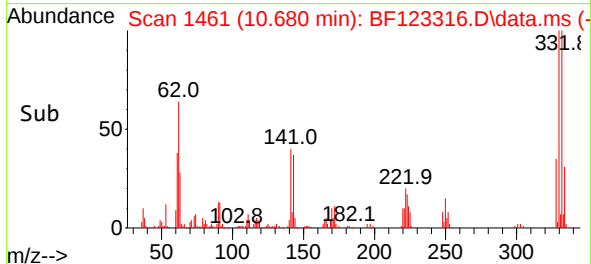
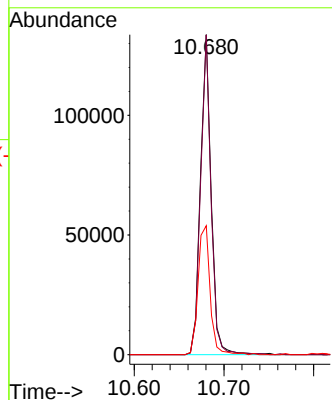
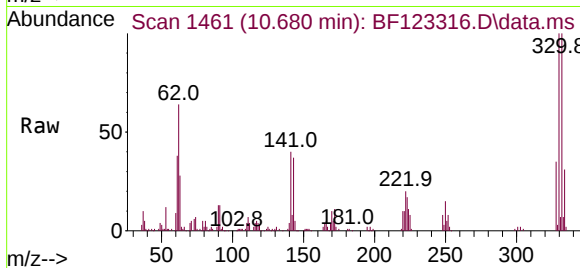




#42
2,4,6-Tribromophenol
Concen: 40.53 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

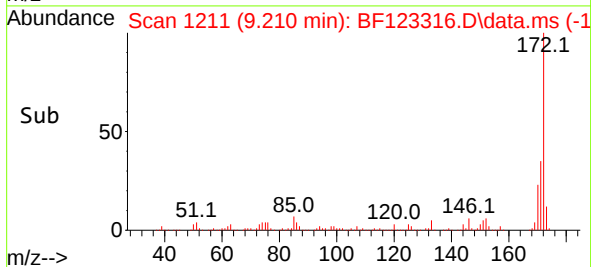
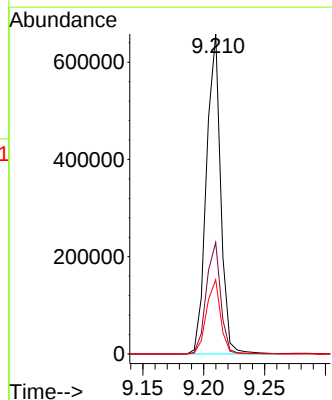
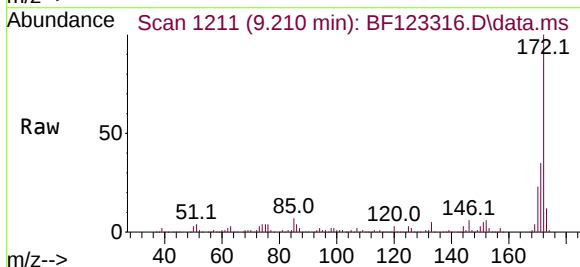
Instrument :
BNA_F
ClientSampled :
N-1

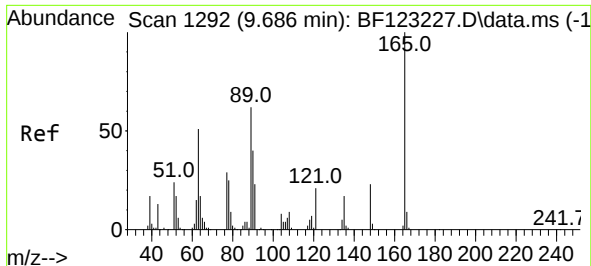
Tgt Ion:330 Resp: 110756
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 45.7 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 28.58 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion:172 Resp: 534000
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 23.2 19.5 29.3

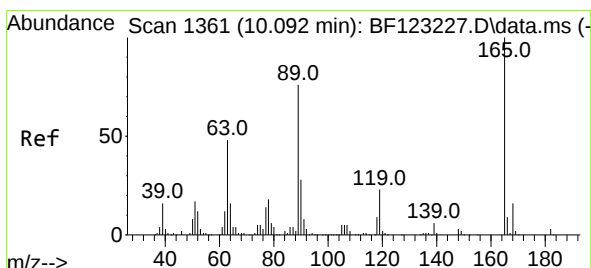
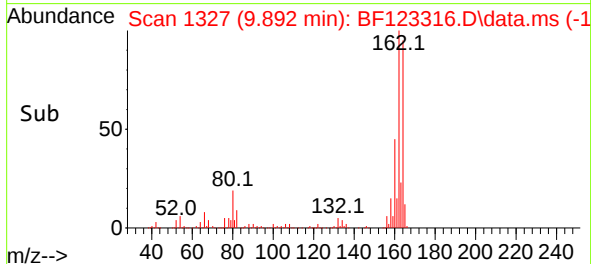
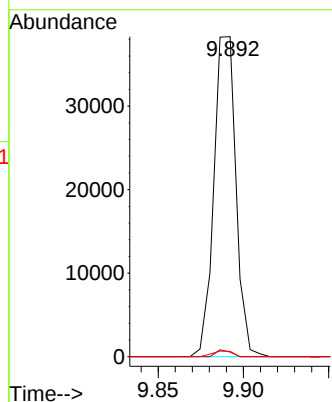
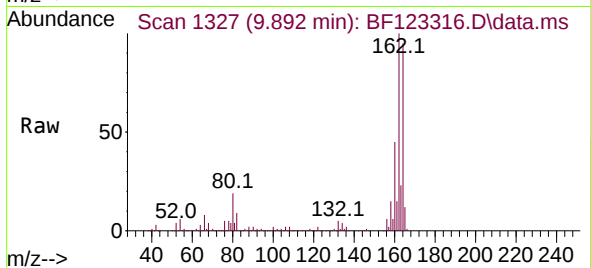




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

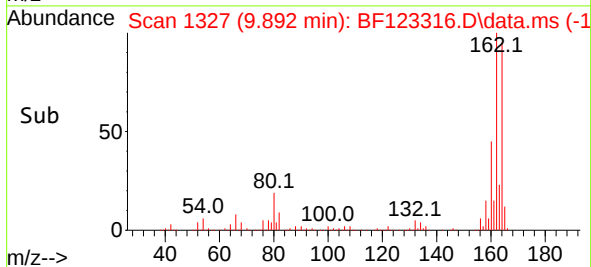
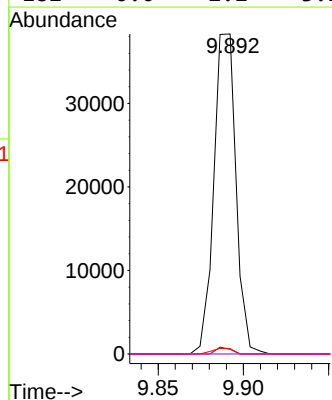
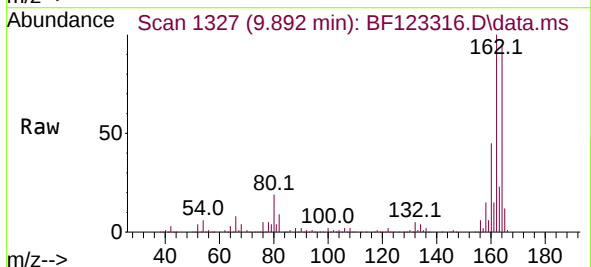
Instrument :
BNA_F
ClientSampled :
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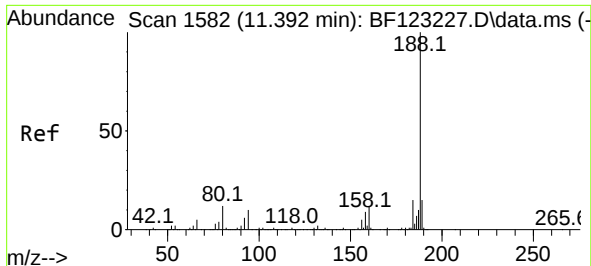
Tgt Ion:165 Resp: 34598
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion:165 Resp: 34598
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

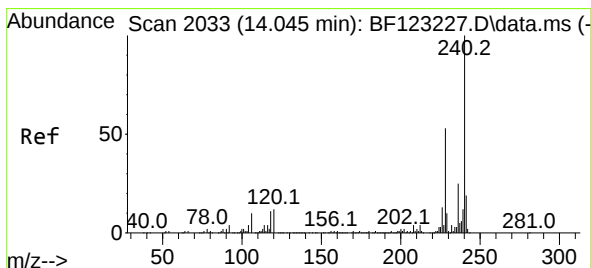
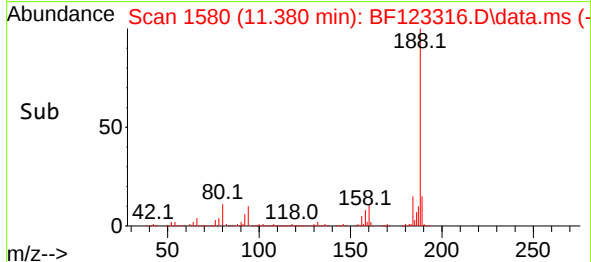
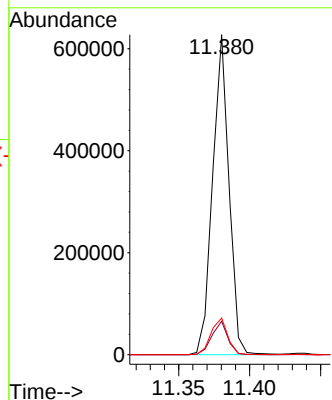
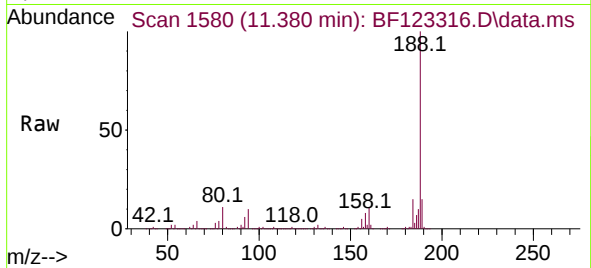




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

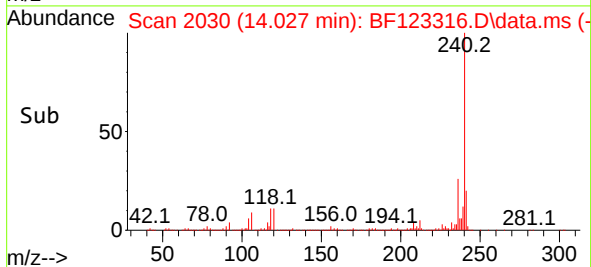
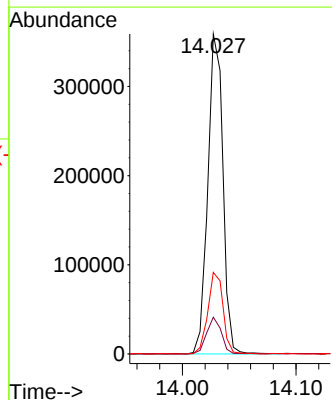
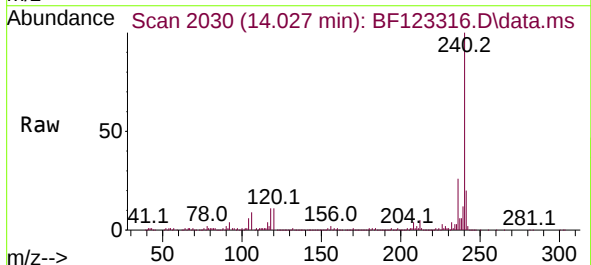
Instrument :
BNA_F
ClientSampleId :
N-1

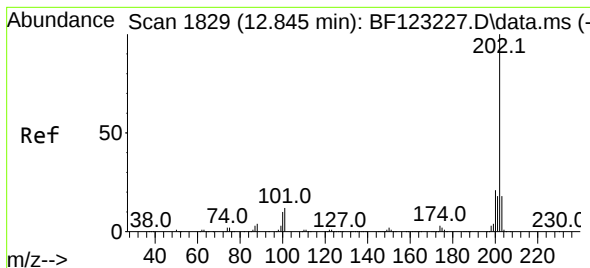
Tgt Ion:188 Resp: 501414
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF123316.D
Acq: 26 Feb 2021 22:30

Tgt Ion:240 Resp: 331305
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.5 20.3 30.5





#78

Pyrene

Concen: 2.04 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.018 min

Lab File: BF123316.D

Acq: 26 Feb 2021 22:30

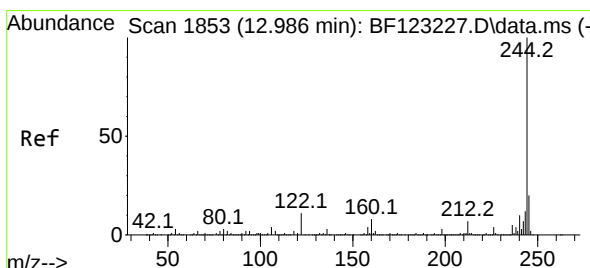
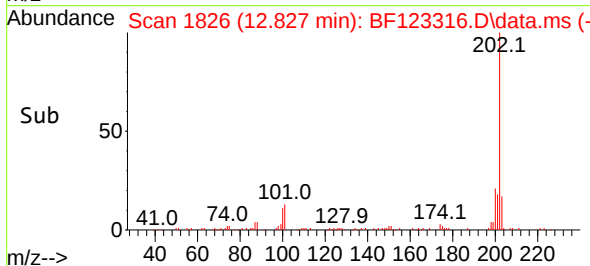
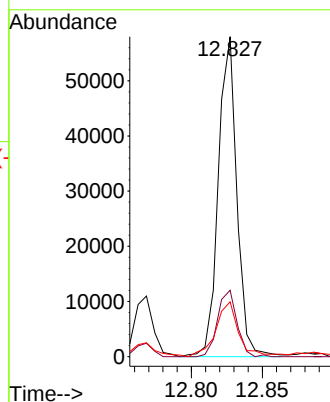
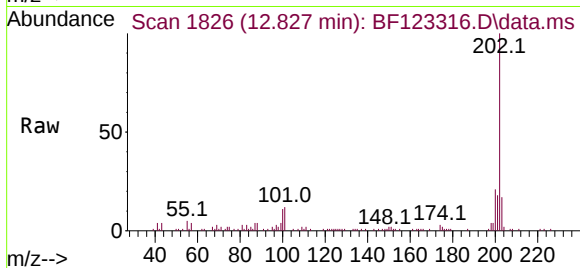
Instrument :

BNA_F

ClientSampleId :

N-1

Tgt Ion:202	Resp:	52658
Ion Ratio	Lower	Upper
202	100	
200	20.8	17.6 26.4
203	17.2	14.6 21.8



#79

Terphenyl-d14

Concen: 31.99 ng

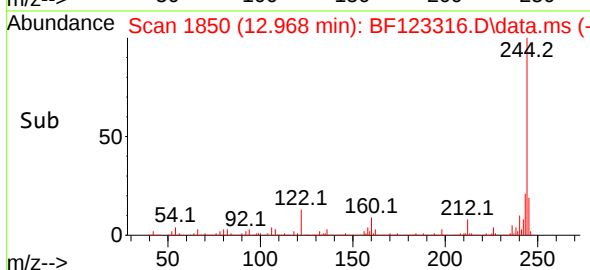
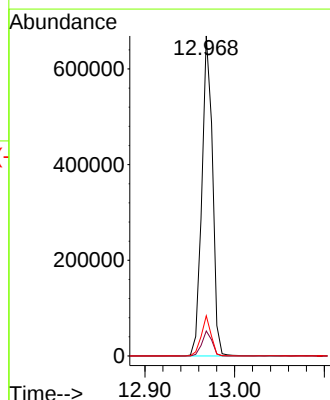
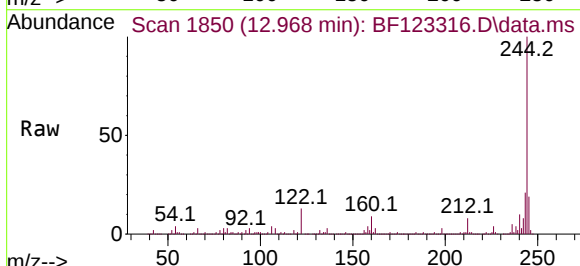
RT: 12.968 min Scan# 1850

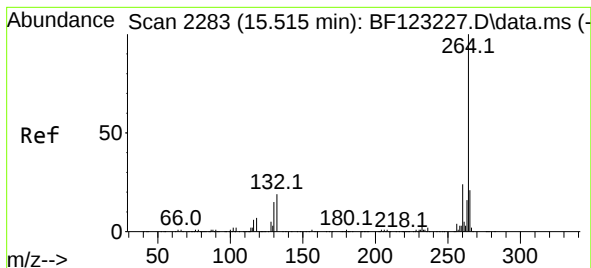
Delta R.T. -0.018 min

Lab File: BF123316.D

Acq: 26 Feb 2021 22:30

Tgt Ion:244	Resp:	551214
Ion Ratio	Lower	Upper
244	100	
212	7.8	5.7 8.5
122	12.6	8.3 12.5#

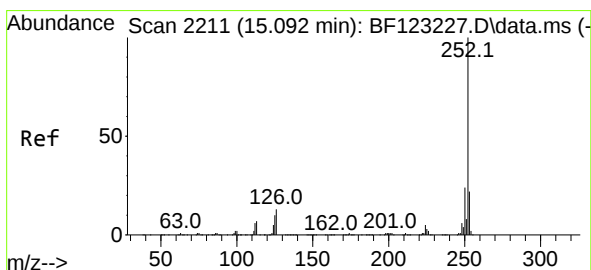
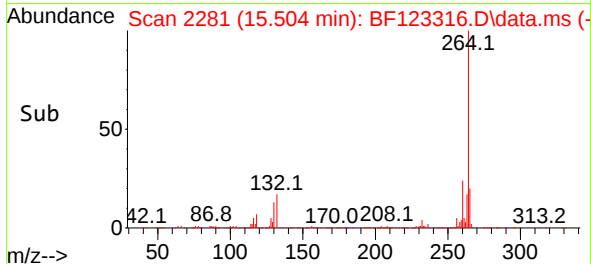
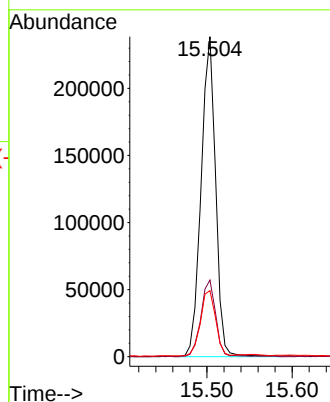
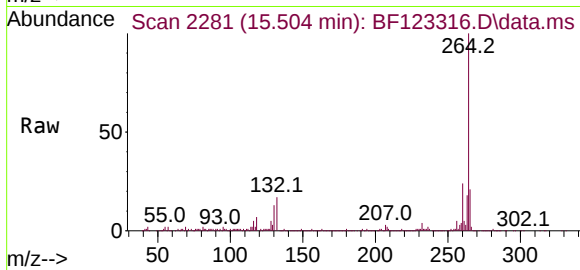




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF123316.D
 Acq: 26 Feb 2021 22:30

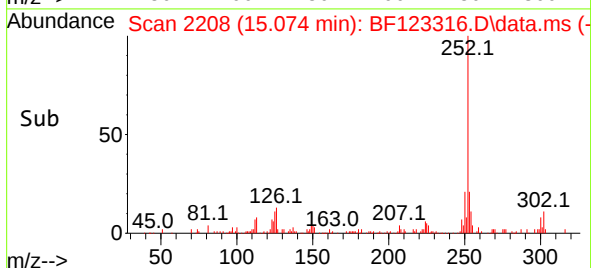
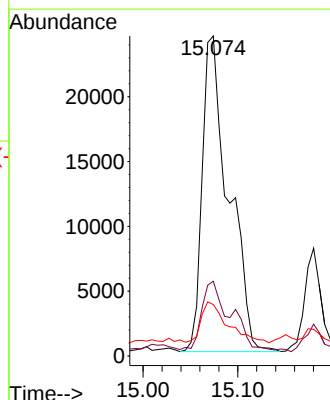
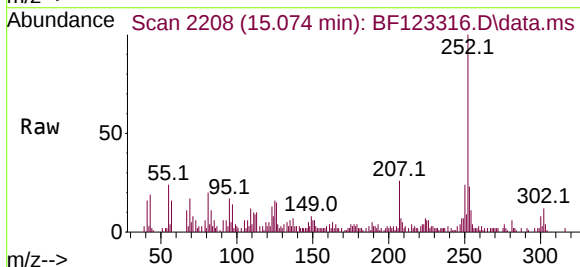
Instrument :
 BNA_F
 ClientSampleId :
 N-1

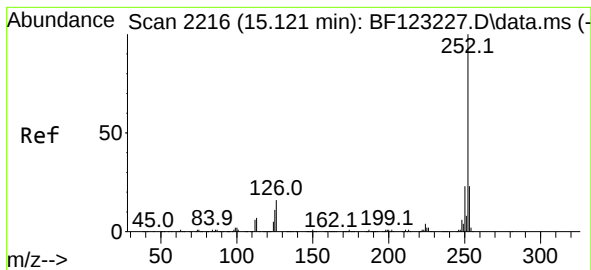
Tgt Ion:264	Resp: 282331
Ion Ratio	Lower Upper
264	100
260	24.0 18.6 28.0
265	20.7 17.0 25.6



#88
 Benzo(b)fluoranthene
 Concen: 2.38 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.018 min
 Lab File: BF123316.D
 Acq: 26 Feb 2021 22:30

Tgt Ion:252	Resp: 47275
Ion Ratio	Lower Upper
252	100
253	23.3 18.3 27.5
125	16.0 8.1 12.1#





#89

Benzo(k)fluoranthene

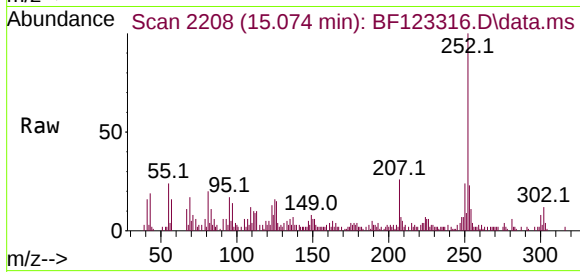
Concen: 2.63 ng

RT: 15.074 min Scan# 2208

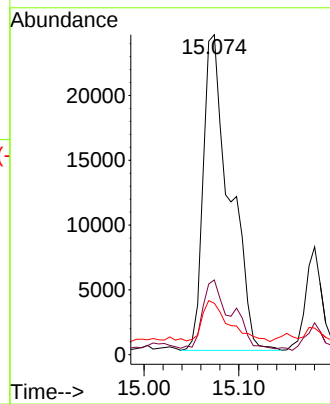
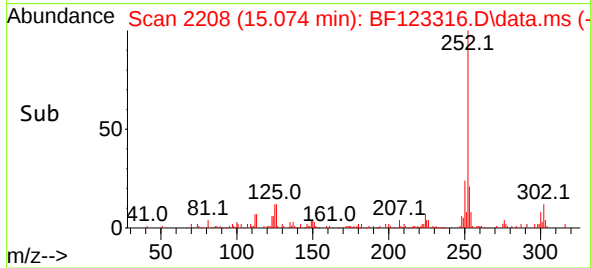
Delta R.T. -0.047 min

Lab File: BF123316.D

Acq: 26 Feb 2021 22:30



Tgt Ion:	252	Resp:	47275
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	16.0	8.4	12.6#



Instrument :
BNA_F
ClientSampleId :
N-1