

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119056.D
 Acq On : 25 Feb 2020 9:11
 Operator : CG/JU
 Sample : L1648-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 10:10:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

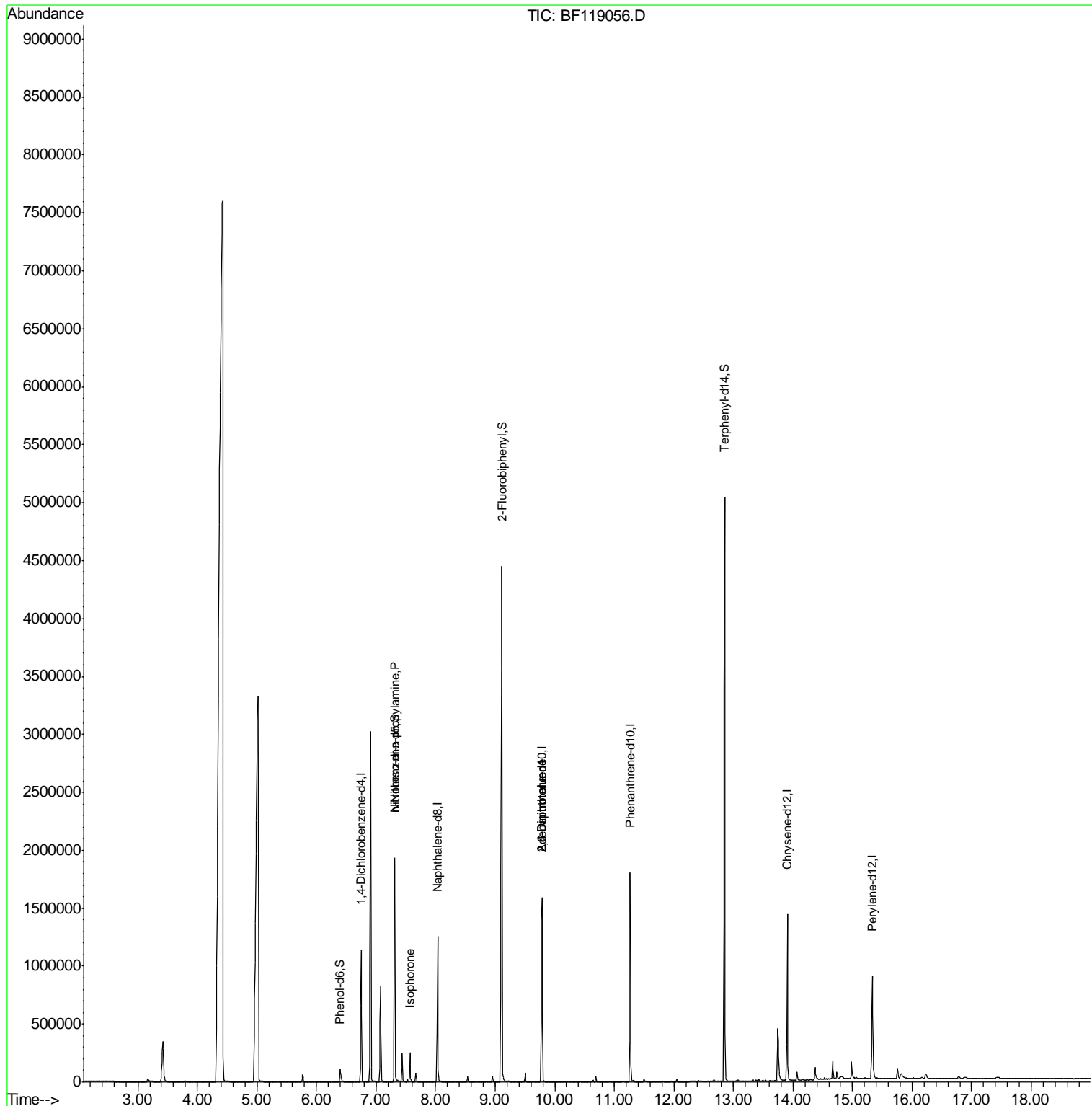
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170218	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	659421	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	372707	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	684860	20.00	ng	0.00
76) Chrysene-d12	13.90	240	474622	20.00	ng	0.00
87) Perylene-d12	15.33	264	439023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2616	0.26	ng	0.04
7) Phenol-d6	6.40	99	55961	4.52	ng	0.00
23) Nitrobenzene-d5	7.32	82	744427	59.61	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.11	172	1574189	62.22	ng	-0.01
79) Terphenyl-d14	12.85	244	1936640	70.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	100844	13.971	ng	# 77
25) Isophorone	7.57	82	110983	5.117	ng	98
51) 2,6-Dinitrotoluene	9.79	165	46598	7.359	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	46598	5.678	ng	# 28

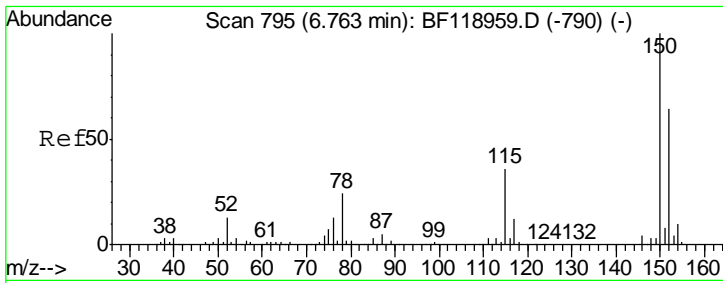
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

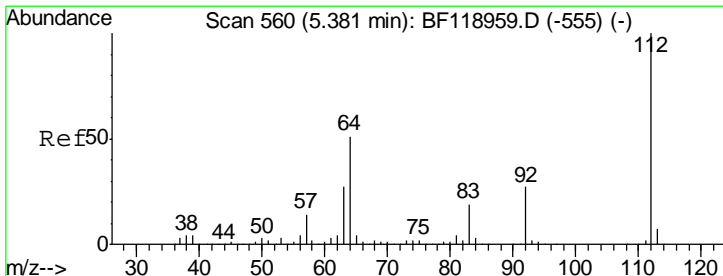
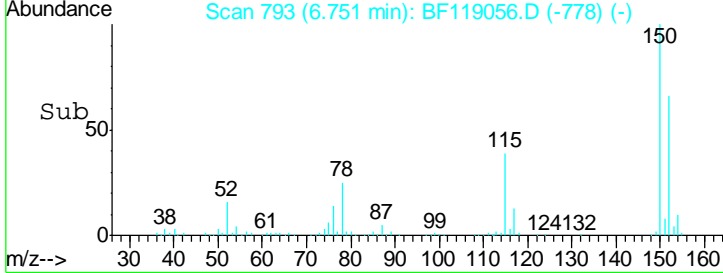
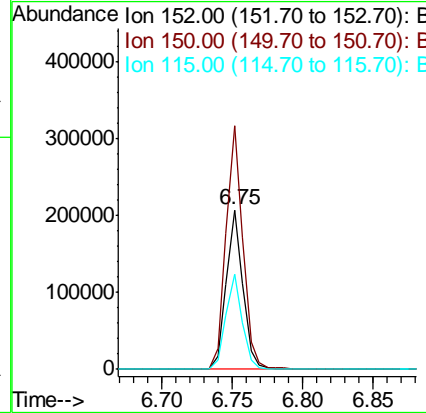
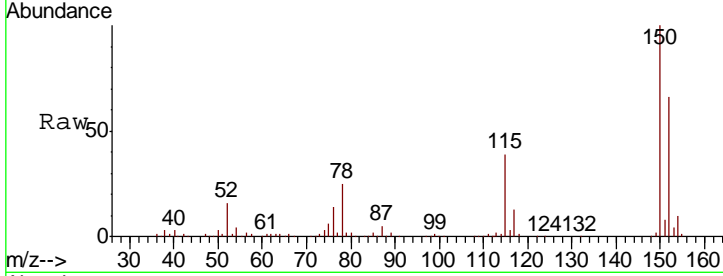




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

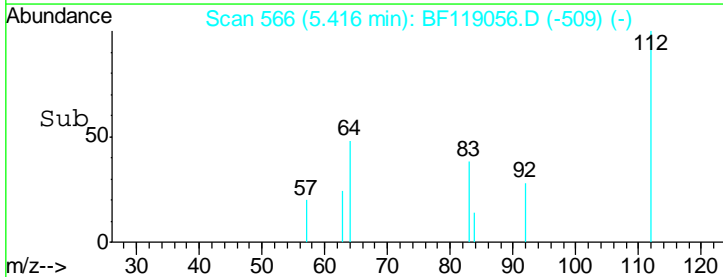
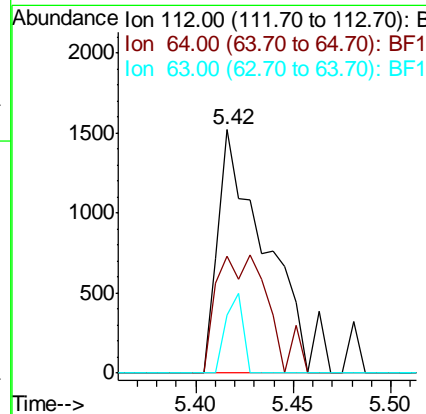
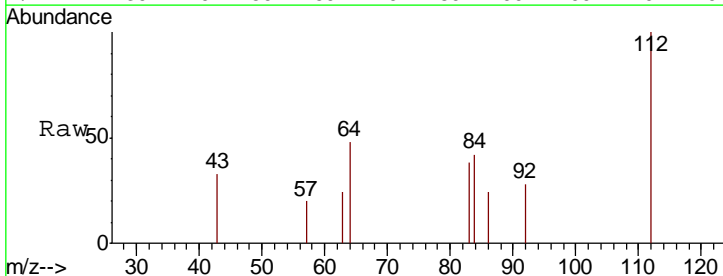
Instrument :
 BNA_F
 ClientSampled :

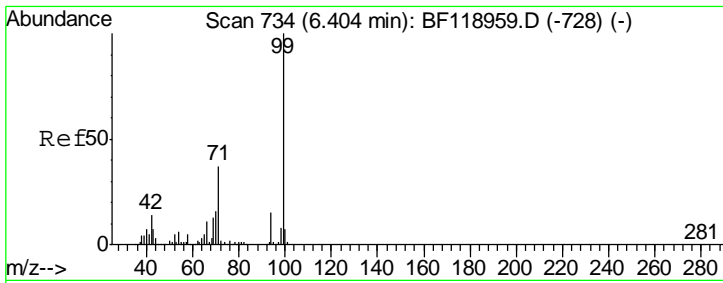
Tgt Ion	Resp	Lower	Upper
152	170218		
150	152.5	124.3	186.5
115	59.8	44.6	67.0



#5
 2-Fluorophenol
 Concen: 0.257 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.04 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp	Lower	Upper
112	2616		
64	48.2	40.4	60.6
63	23.7	21.3	31.9

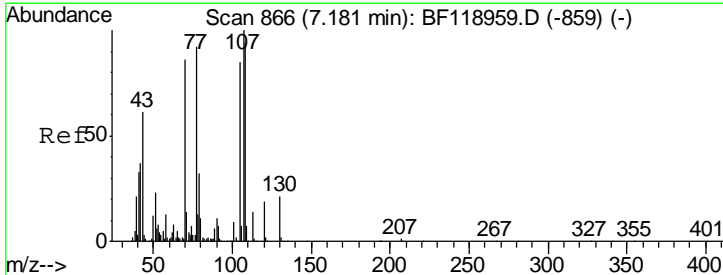
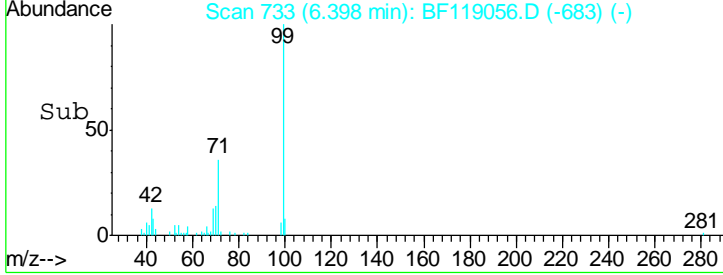
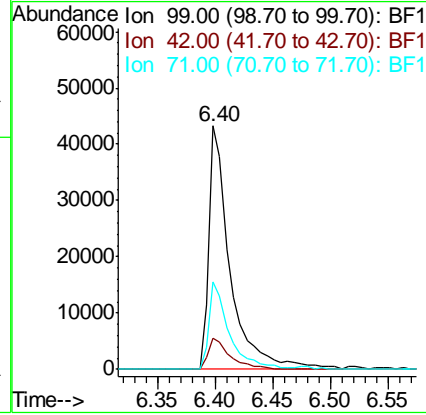
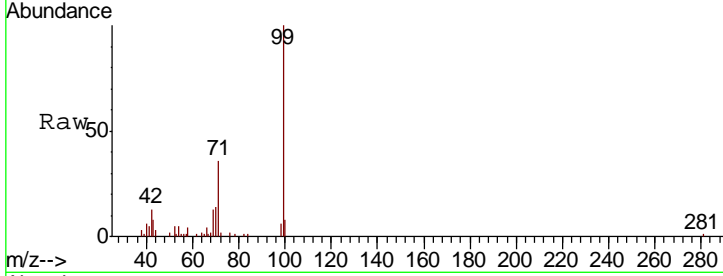




#7
 Phenol-d6
 Concen: 4.518 ng
 RT: 6.40 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

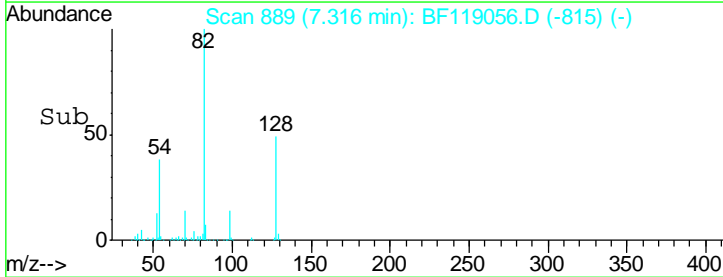
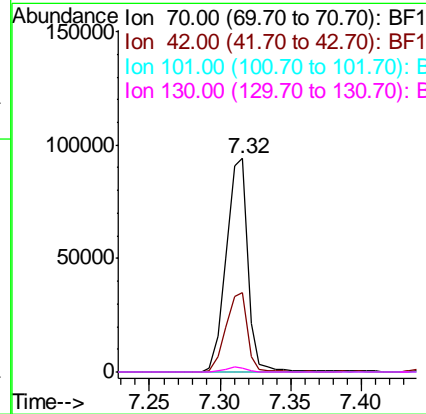
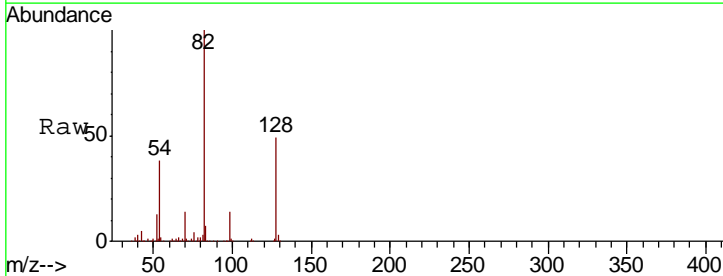
Instrument :
 BNA_F
 ClientSampled :

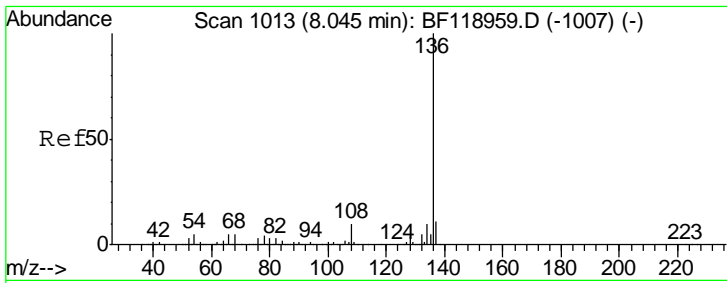
Tgt Ion	Resp	Lower	Upper
99	55961		
42	12.8	11.4	17.0
71	36.0	29.8	44.6



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.971 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.14 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp	Lower	Upper
70	100844		
42	37.2	34.6	51.8
101	0.0	8.1	12.1#
130	1.9	19.4	29.2#

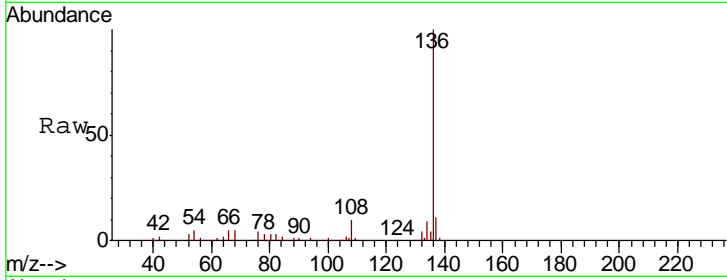




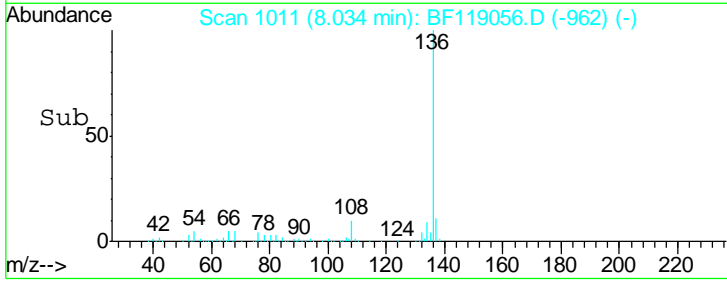
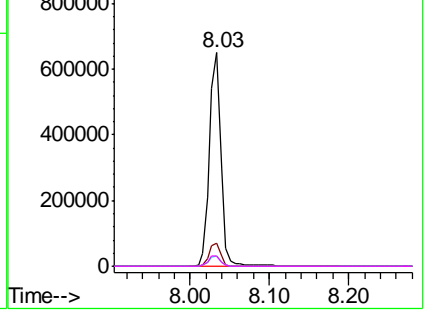
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	659421		
137	11.0	8.9	13.3
54	5.0	3.8	5.6
68	5.0	4.2	6.2

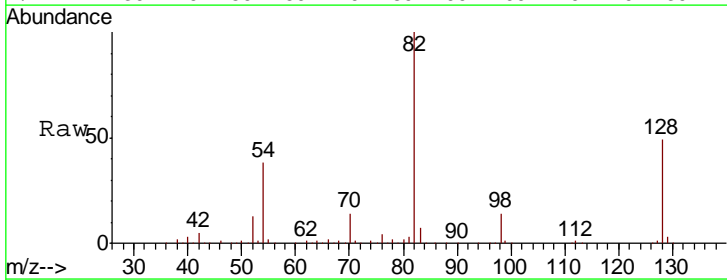


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1

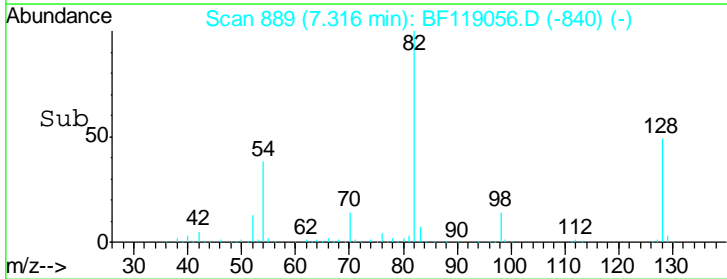
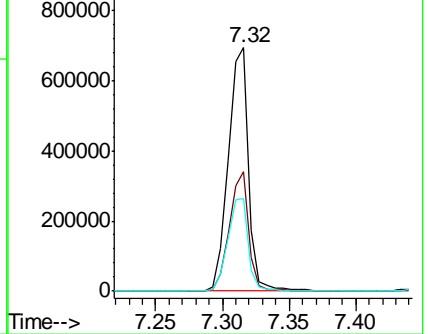


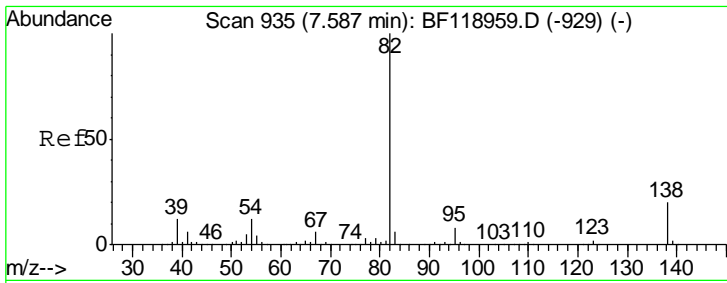
#23
 Nitrobenzene-d5
 Concen: 59.606 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp	Lower	Upper
82	744427		
128	48.8	38.2	57.2
54	38.2	31.3	46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

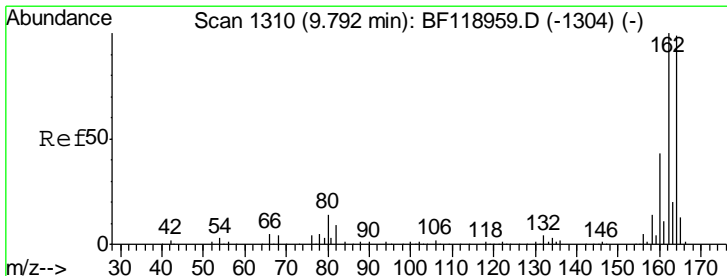
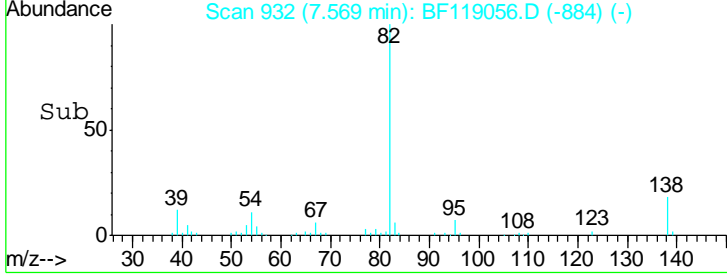
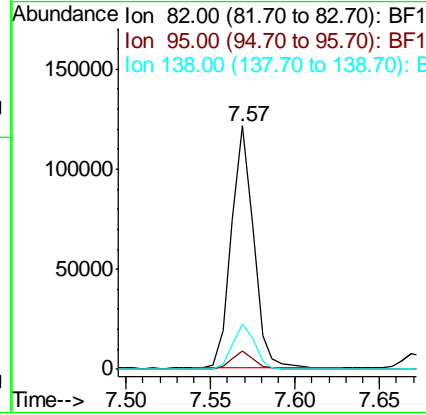
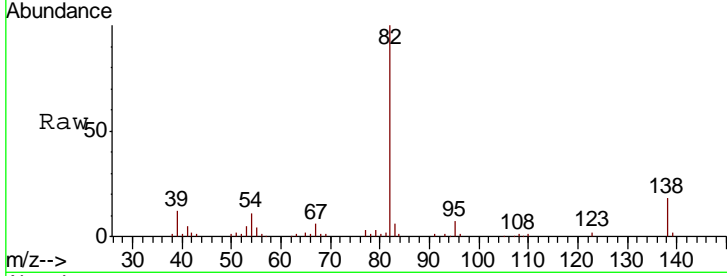




#25
 Isophorone
 Concen: 5.117 ng
 RT: 7.57 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

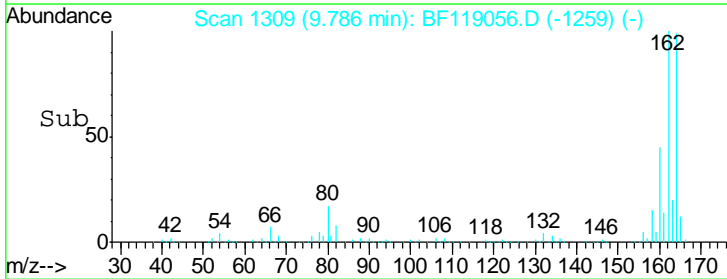
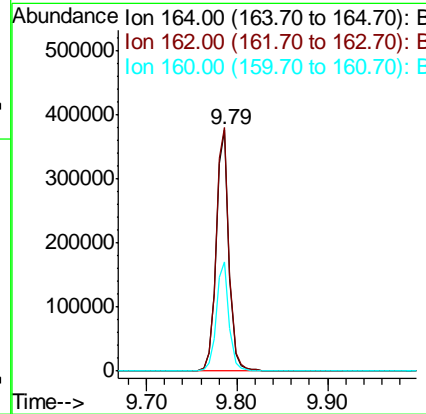
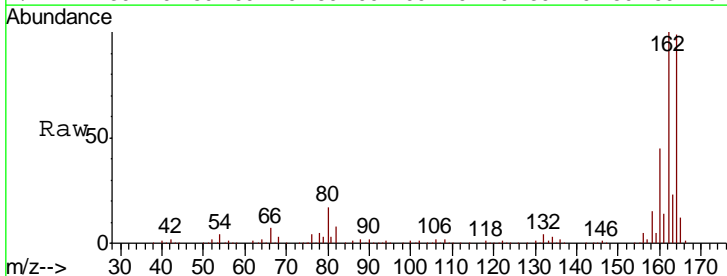
Instrument :
 BNA_F
 ClientSampleId :

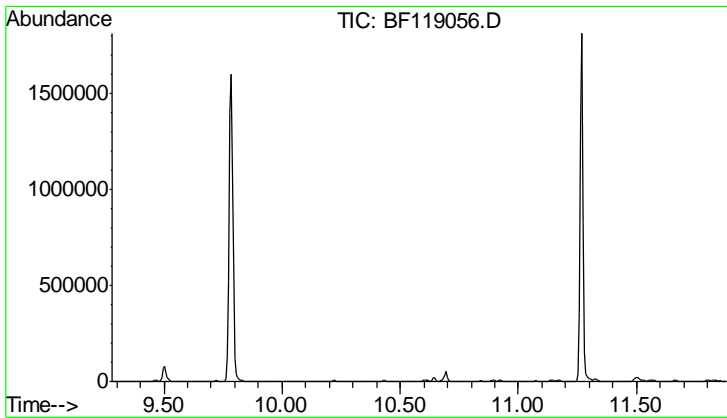
Tgt Ion	Resp	Lower	Upper
82	110983		
95	7.3	6.1	9.1
138	18.4	15.8	23.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp	Lower	Upper
164	372707		
162	100.8	81.2	121.8
160	45.0	35.2	52.8

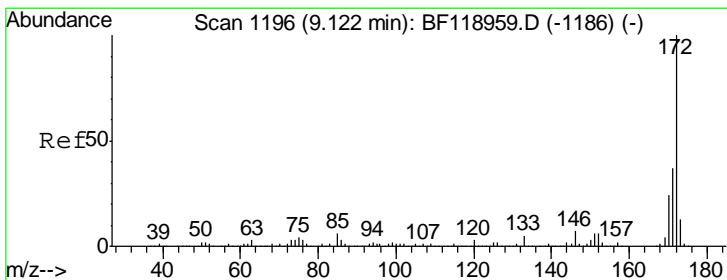
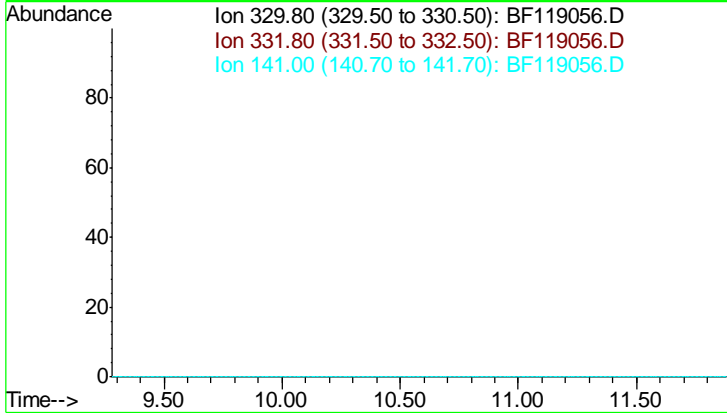




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.58 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Instrument :
 BNA_F
 ClientSampleId :

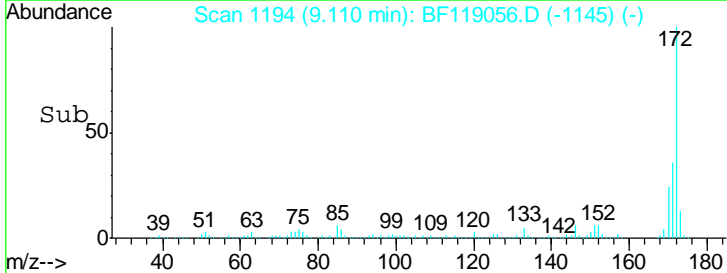
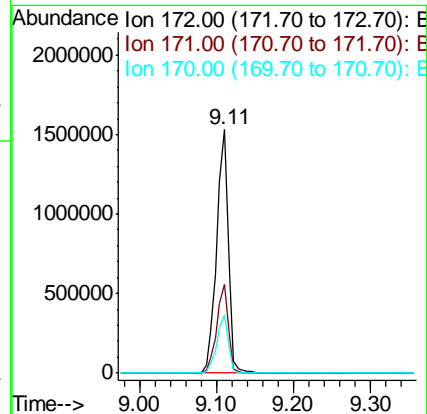
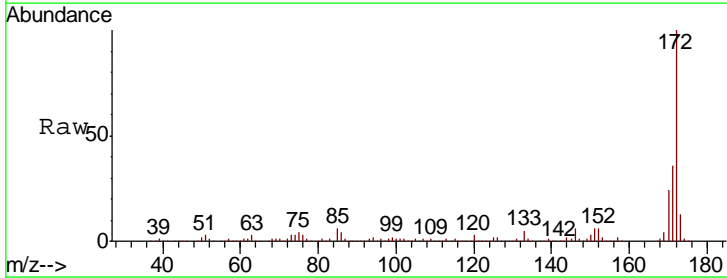
Tgt Ion	Exp Ratio
330	100
332	96.4
141	28.8

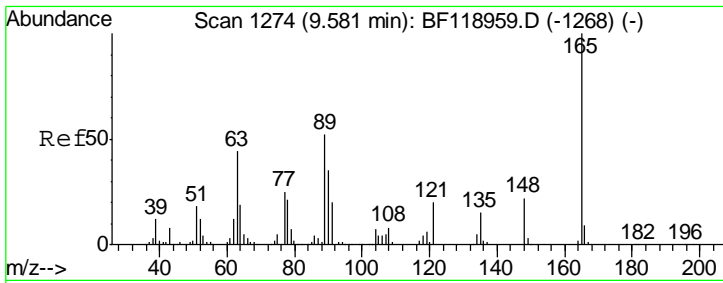


#45
 2-Fluorobiphenyl
 Concen: 62.222 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp
172	1574189

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.0	19.6	29.4

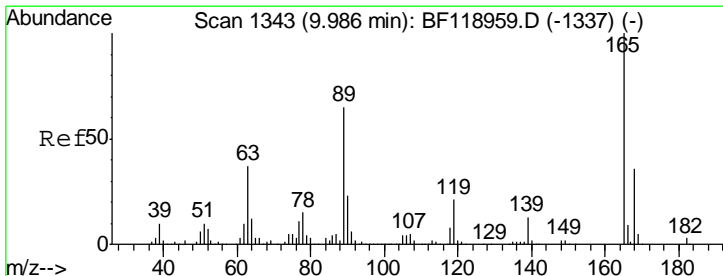
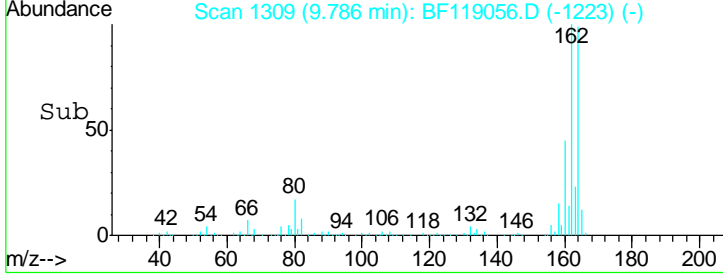
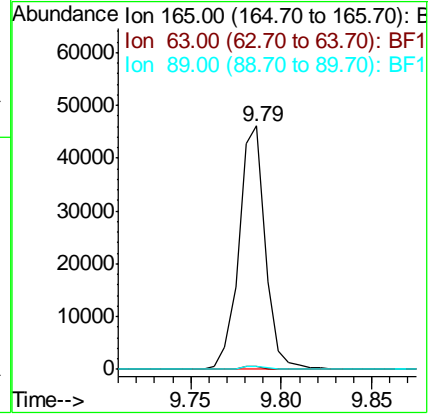
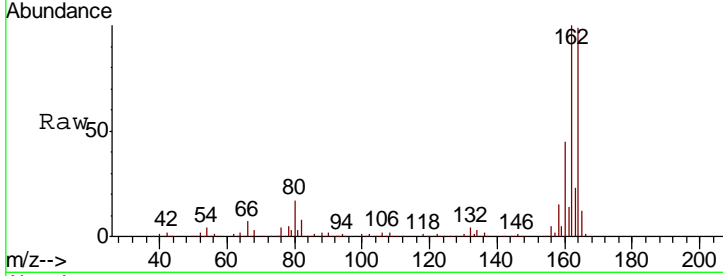




#51
 2,6-Dinitrotoluene
 Concen: 7.359 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.21 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

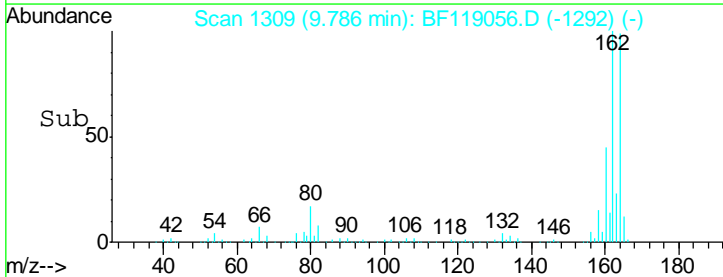
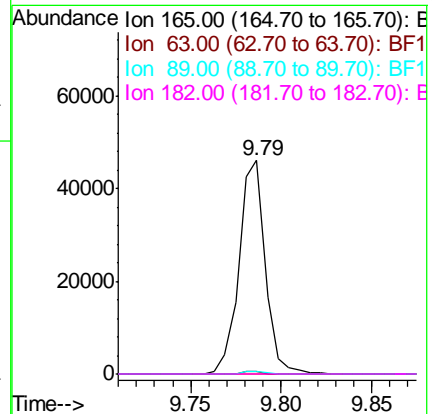
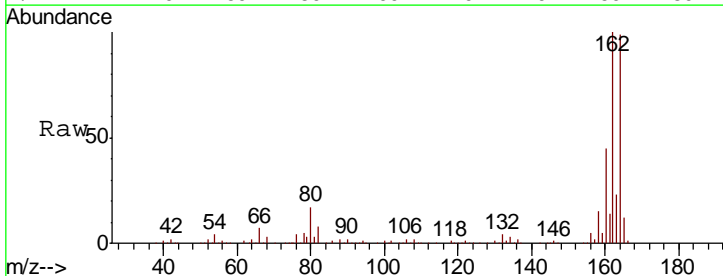
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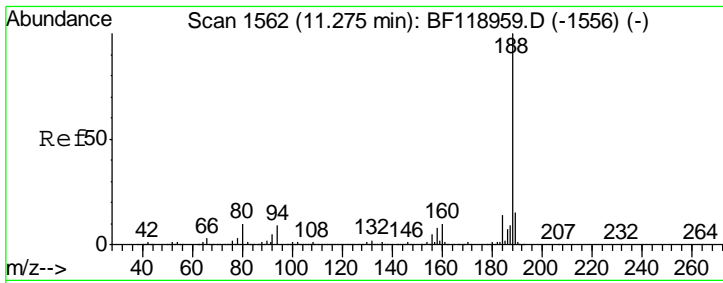
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.1	37.9	56.9#
89	1.3	41.4	62.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.678 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.3	51.9	77.9#
182	0.0	2.3	3.5#

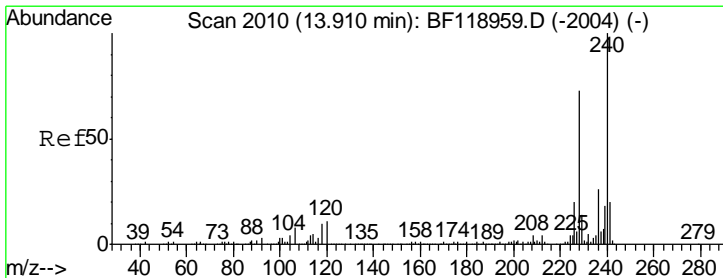
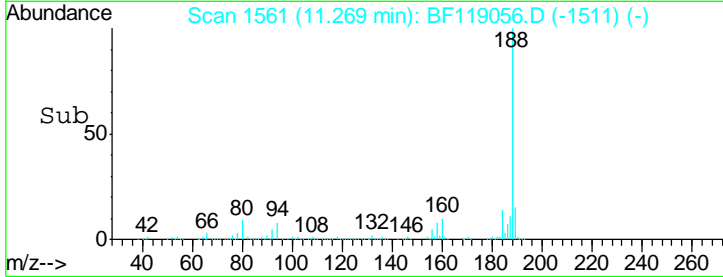
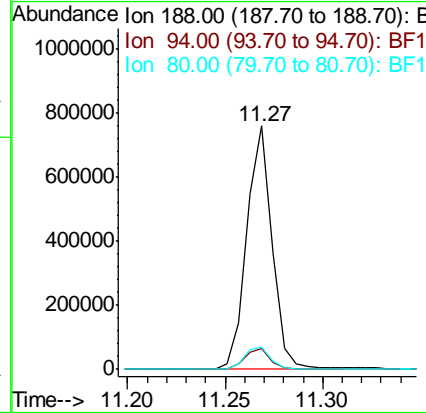
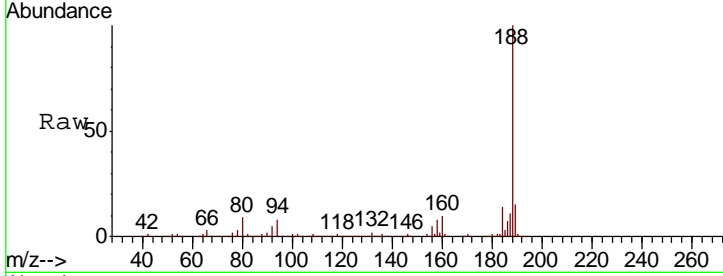




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

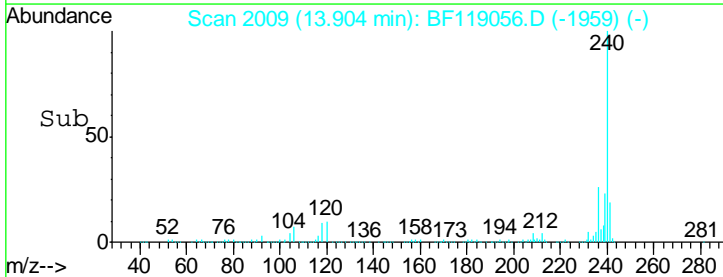
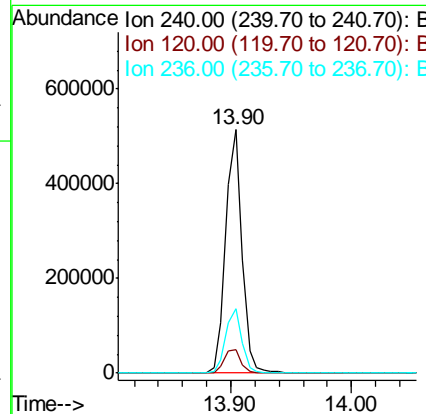
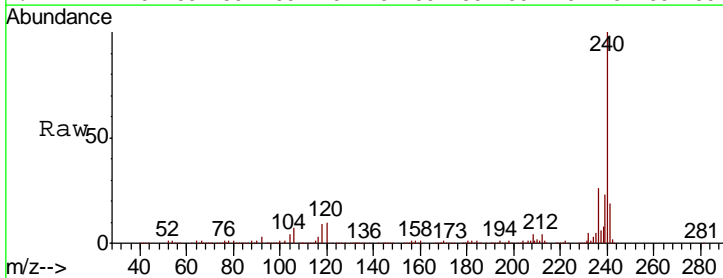
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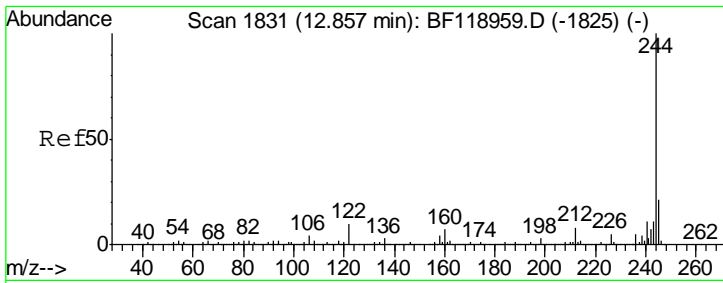
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.9	7.9	11.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion	Resp	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	26.4	20.6	30.8



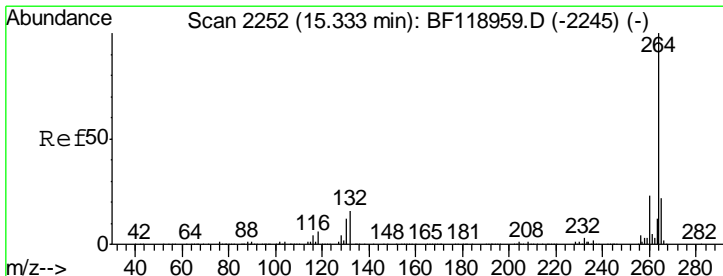
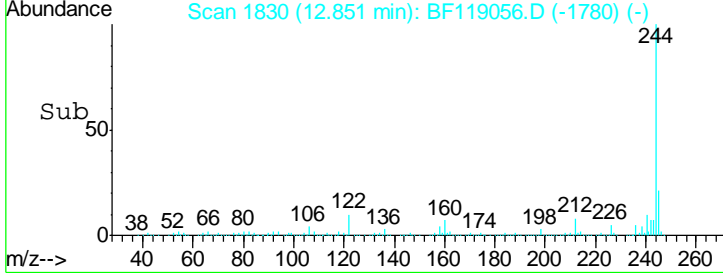
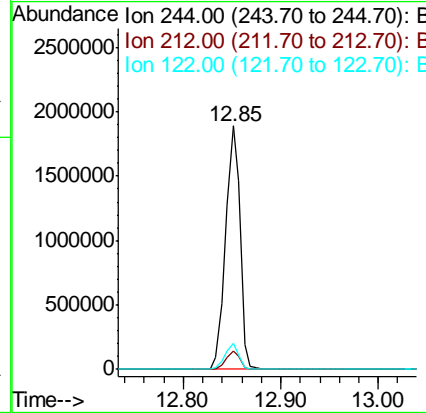
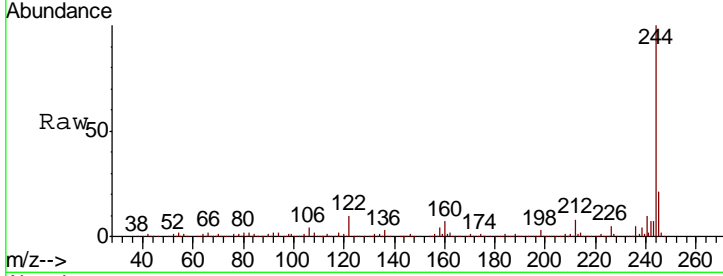


#79
 Terphenyl-d14
 Concen: 70.251 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Instrument :
 BNA_F
 ClientSampleID :

Tgt Ion: 244 Resp: 1936640

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.5	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119056.D
 Acq: 25 Feb 2020 9:11

Tgt Ion: 264 Resp: 439023

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.0	17.3	25.9

