

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095548.D
 Acq On : 30 May 2017 22:01
 Operator : SJ/MA
 Sample : I3302-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-6-18

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Quant Time: May 31 04:40:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	91994	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	354921	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	136802	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	204452	20.00	ng	0.00
75) Chrysene-d12	18.68	240	201909	20.00	ng	0.00
86) Perylene-d12	20.35	264	145946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	615141	111.48	ng	0.00
7) Phenol-d6	7.29	99	727442	109.88	ng	0.00
23) Nitrobenzene-d5	8.64	82	396671	70.48	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	102136	91.16	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	720401	75.80	ng	0.00
78) Terphenyl-d14	17.31	244	463722	50.59	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.24	163	101892	9.07	ng	99
70) Phenanthrene	15.04	178	68263	5.81	ng	99
74) Fluoranthene	16.78	202	134660	11.17	ng	97
77) Pyrene	17.09	202	131122	8.68	ng	97
80) Benzo(a)anthracene	18.66	228	59430	5.06	ng	96
82) Chrysene	18.71	228	61275	5.39	ng	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	19536	2.12	ng	98
87) Benzo(b)fluoranthene	19.95	252	61469m	6.82	ng	
88) Benzo(k)fluoranthene	19.98	252	23828m	2.74	ng	
89) Benzo(a)pyrene	20.30	252	43216	5.19	ng	# 92
91) Benzo(g,h,i)perylene	22.09	276	24646	3.65	ng	96

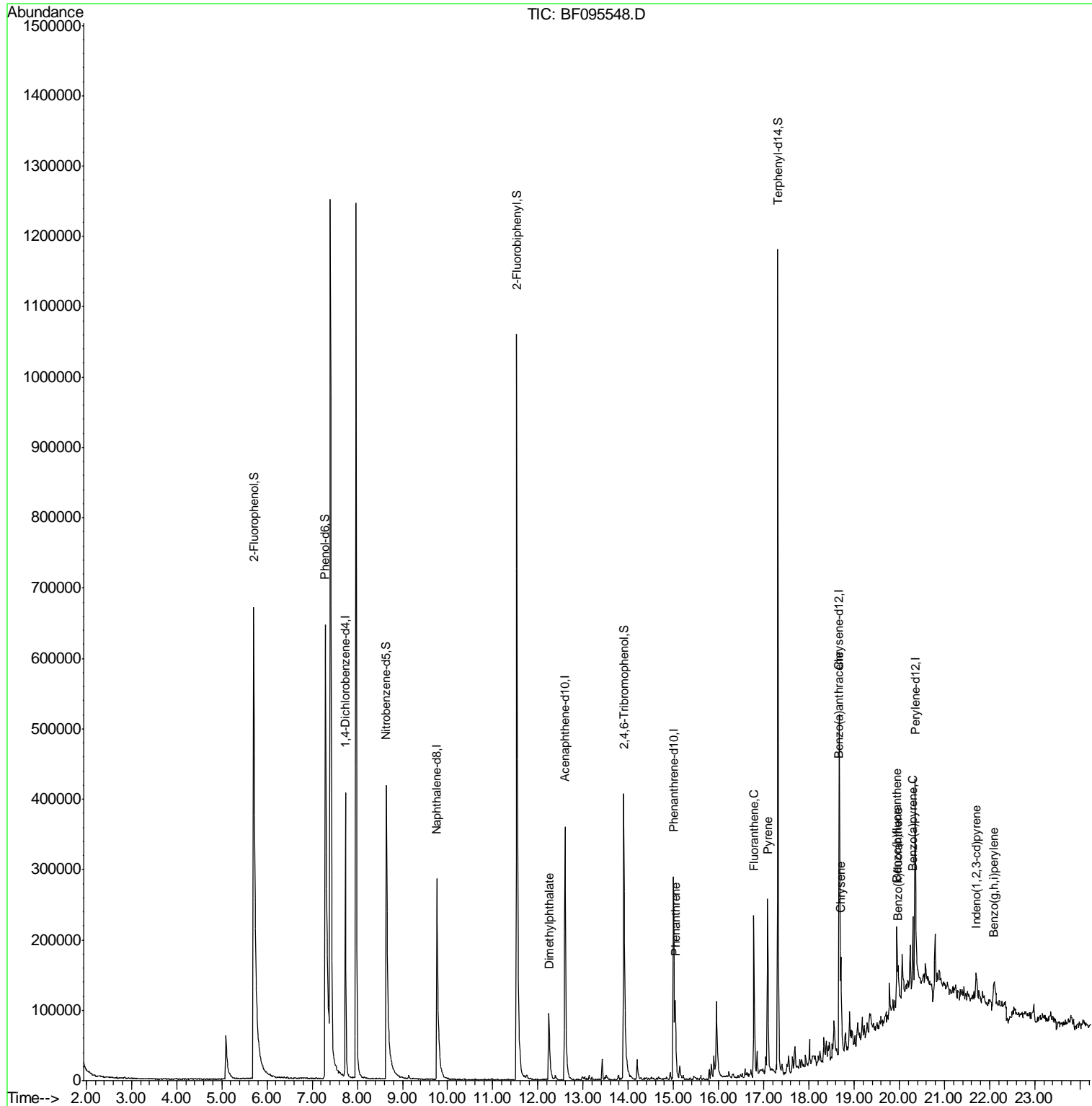
(#) = qualifier out of range (m) = manual integration (+) = signals summed

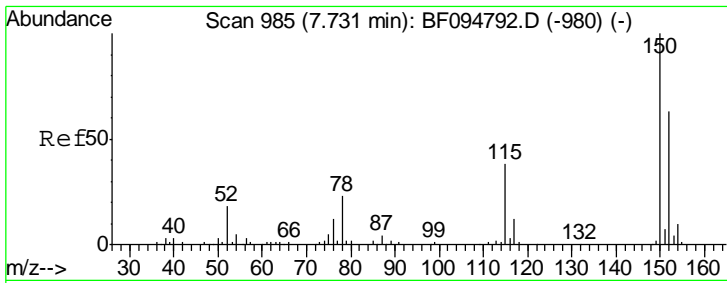
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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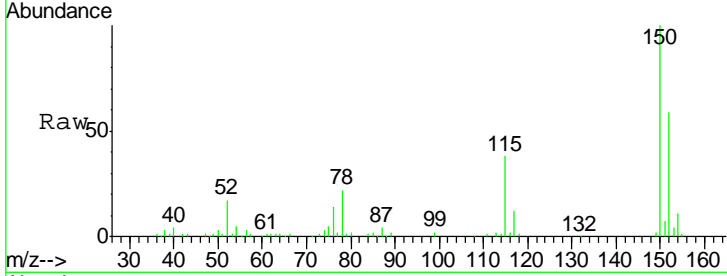
Quant Time: May 31 04:40:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

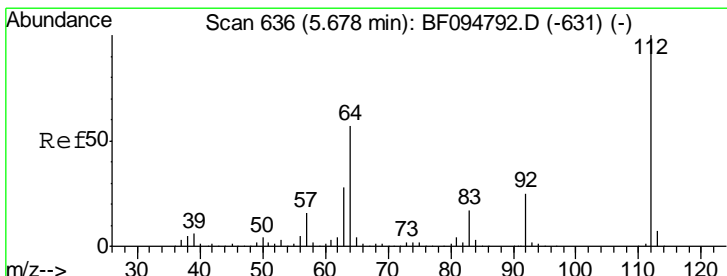
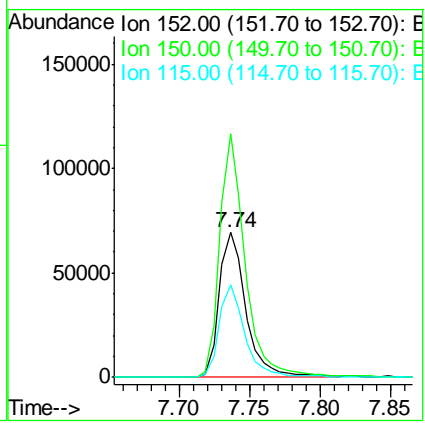
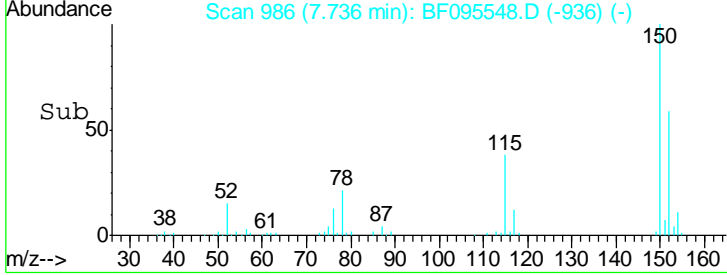
Instrument :
 BNA_F
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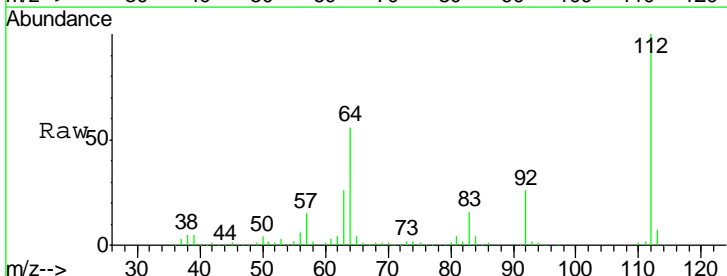
Tgt Ion:152 Resp: 91994

Ion	Ratio	Lower	Upper
152	100		
150	168.1	126.2	189.2
115	63.7	52.2	78.2

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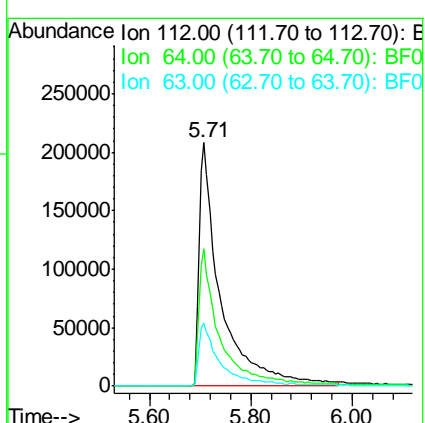
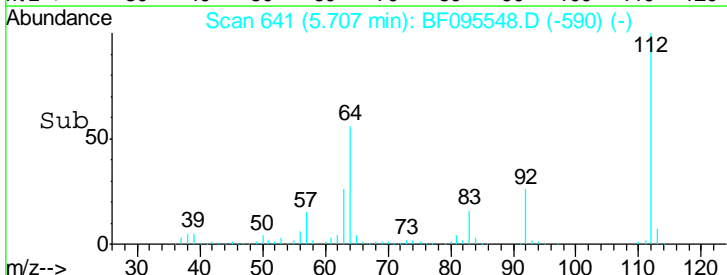


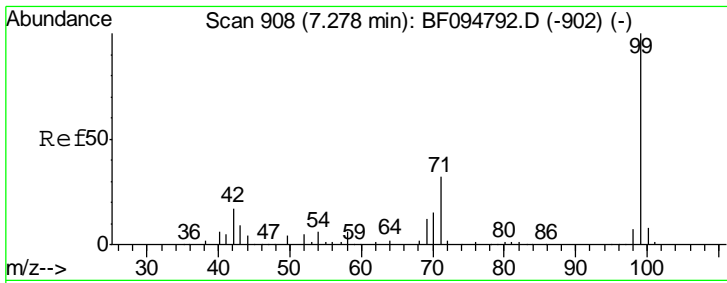
#5
 2-Fluorophenol
 Concen: 111.48 ng
 RT: 5.71 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



Tgt Ion:112 Resp: 615141

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.1	23.4	35.0





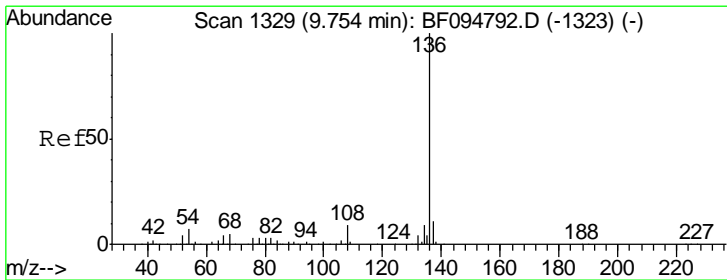
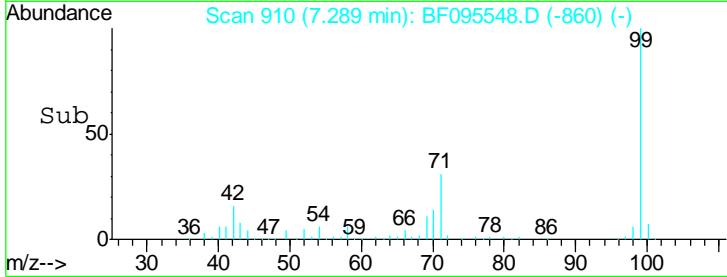
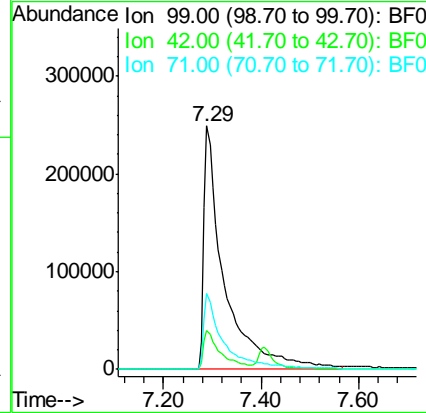
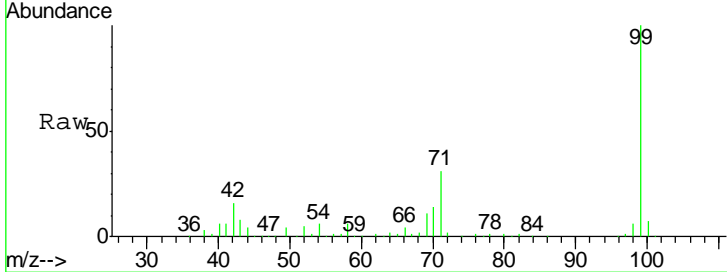
#7
 Phenol-d6
 Concen: 109.88 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Resp	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.4	24.5	36.7

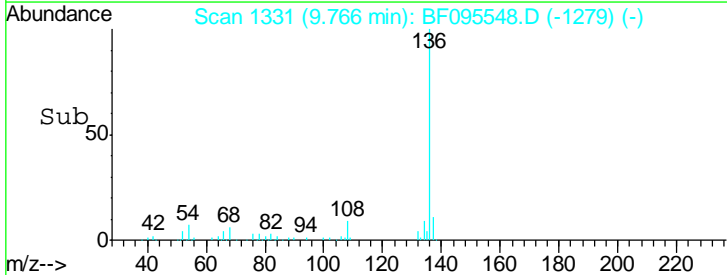
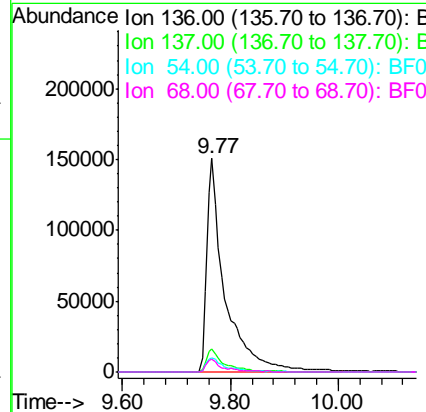
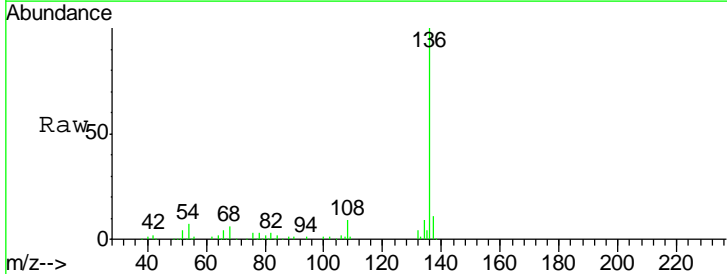
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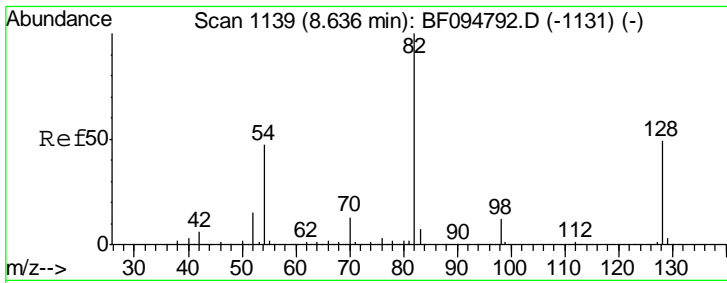
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#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	4.9	7.3
68	5.8	4.1	6.1



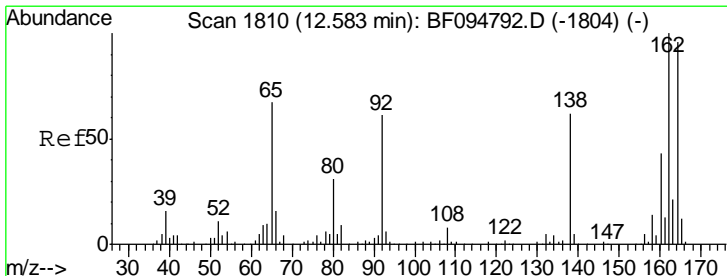
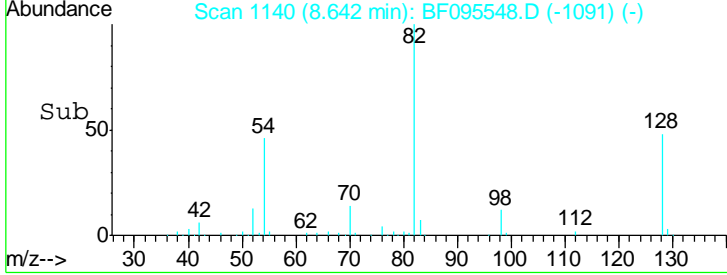
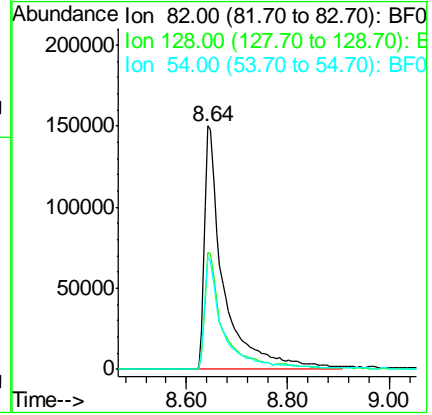
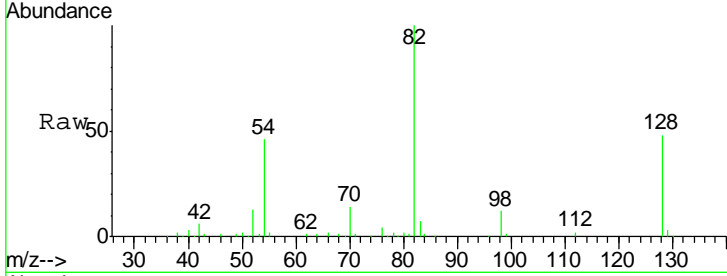


#23
 Nitrobenzene-d5
 Concen: 70.48 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
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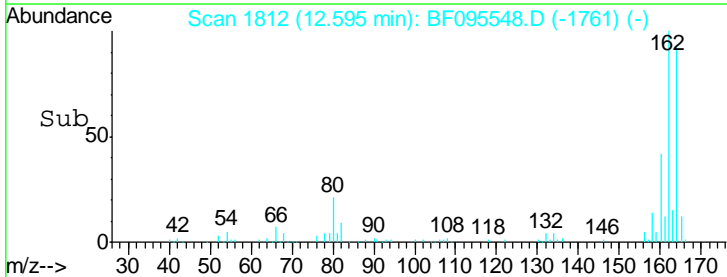
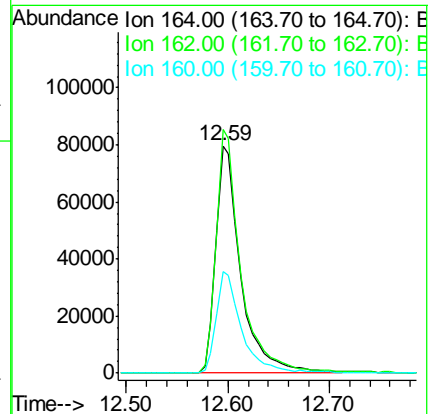
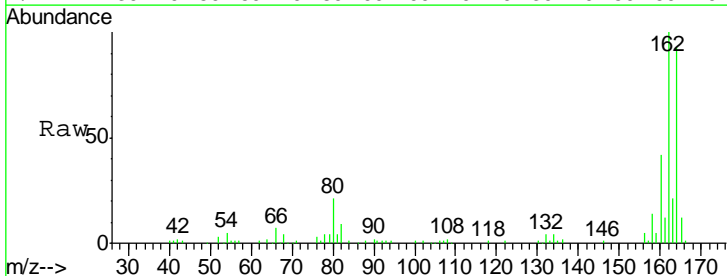
Tgt Ion	Resp	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.2	42.2	63.2

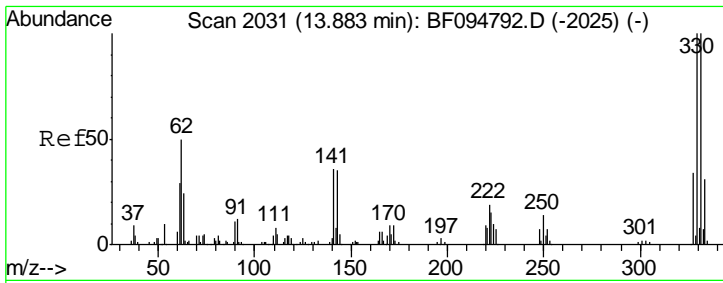
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

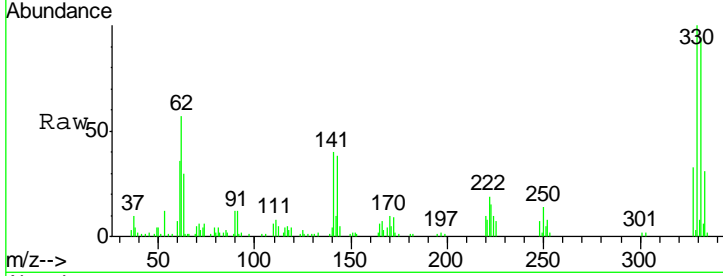
Tgt Ion	Resp	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	44.8	36.2	54.2





#41
 2,4,6-Tribromophenol
 Concen: 91.16 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

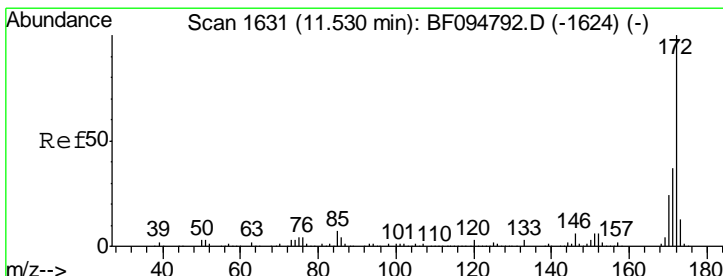
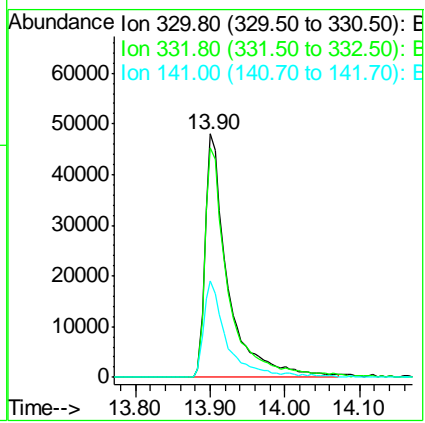
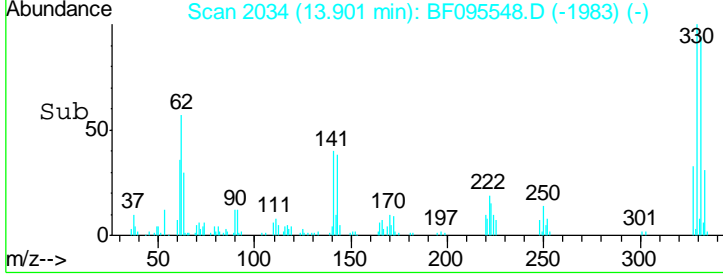
Instrument :
 BNA_F
ClientSampleId :
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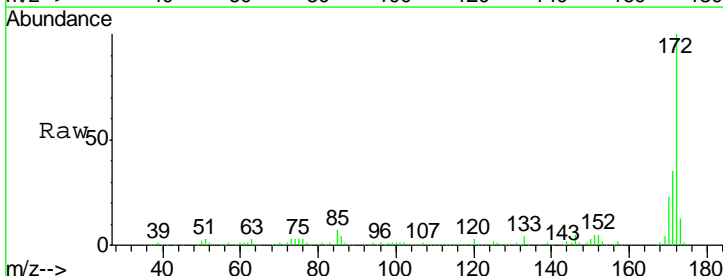
Tgt Ion: 330 Resp: 102136

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.5	31.4	47.2

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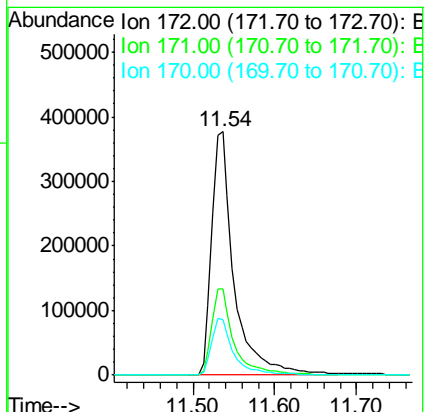
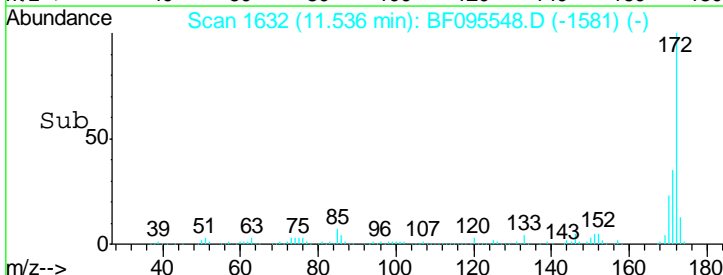


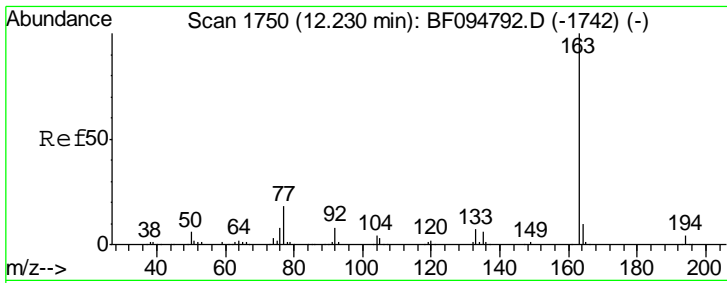
#44
 2-Fluorobiphenyl
 Concen: 75.80 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



Tgt Ion: 172 Resp: 720401

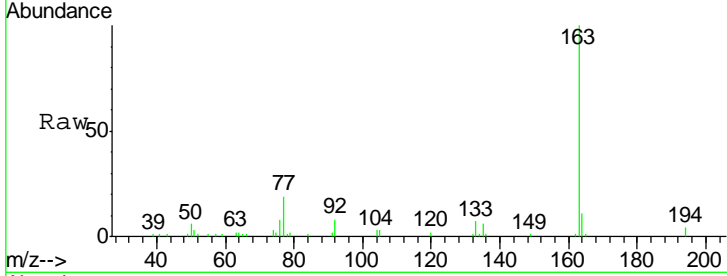
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.7	19.8	29.8





#49
 Dimethylphthalate
 Concen: 9.07 ng
 RT: 12.24 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

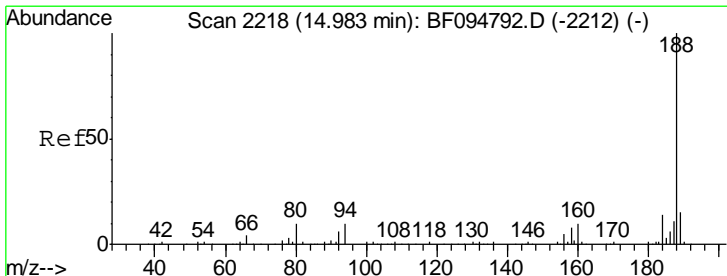
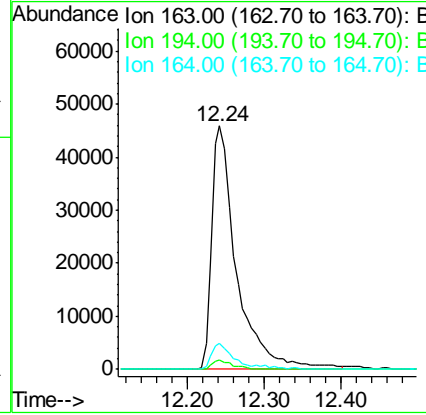
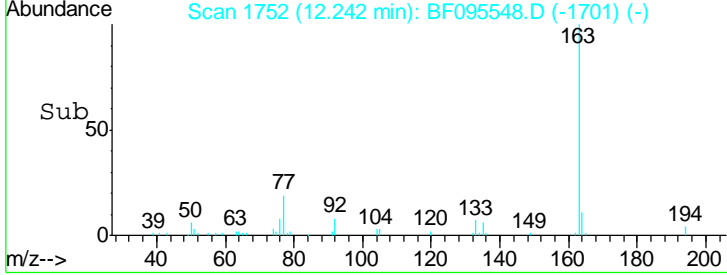
Instrument :
 BNA_F
 ClientSampleId :
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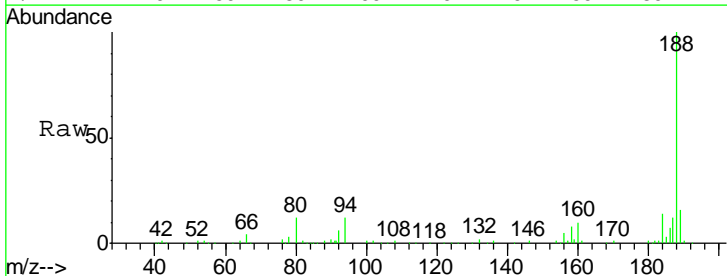
Tgt Ion:163 Resp: 101892

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.8	8.4	12.6

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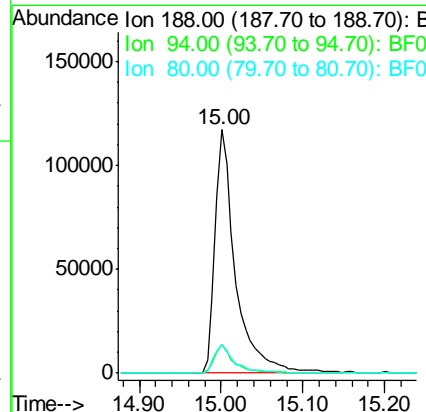
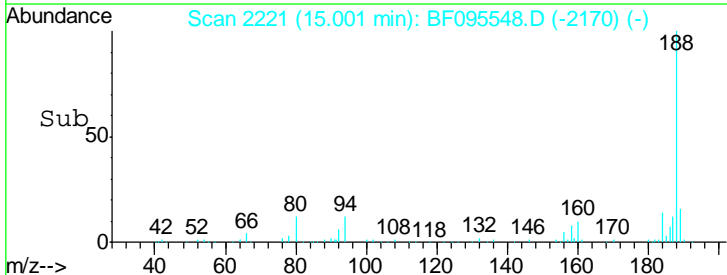


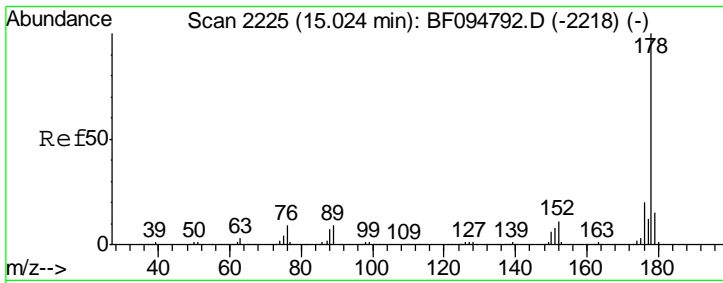
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



Tgt Ion:188 Resp: 204452

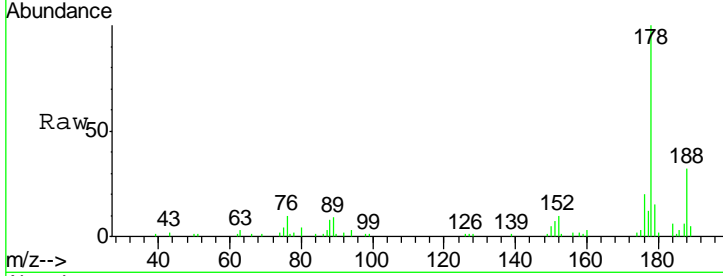
Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.0	10.2	15.2





#70
 Phenanthrene
 Concen: 5.81 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

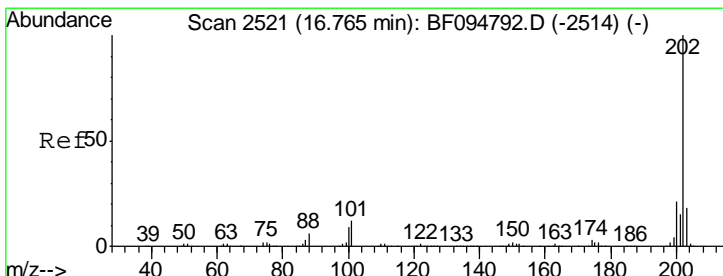
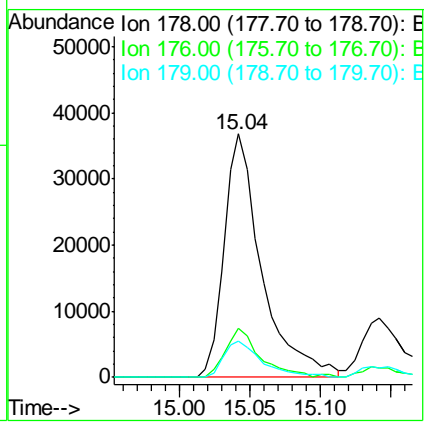
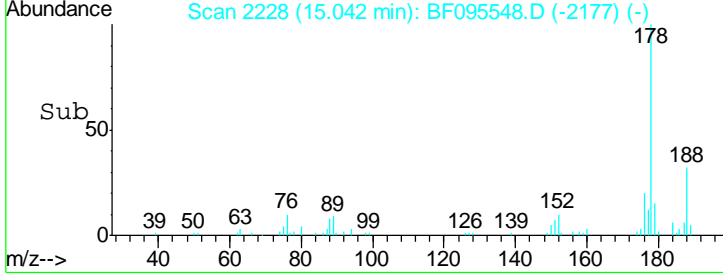
Instrument :
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 NM17-COMP-6-18



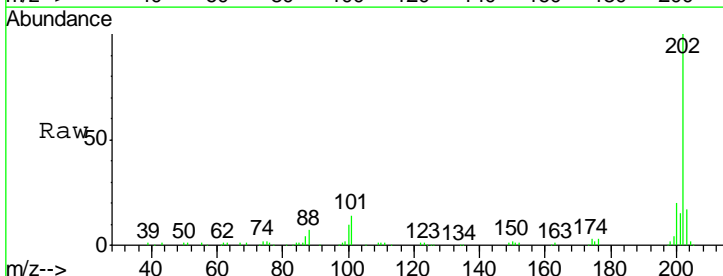
Tgt Ion: 178 Resp: 68263

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.0	12.6	19.0

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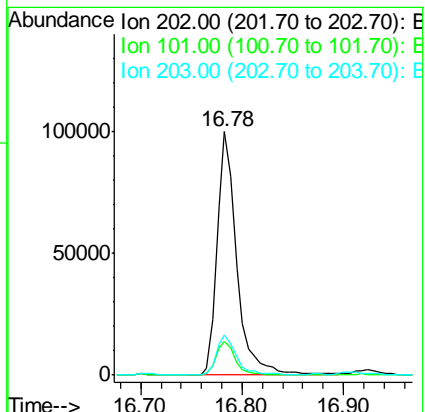
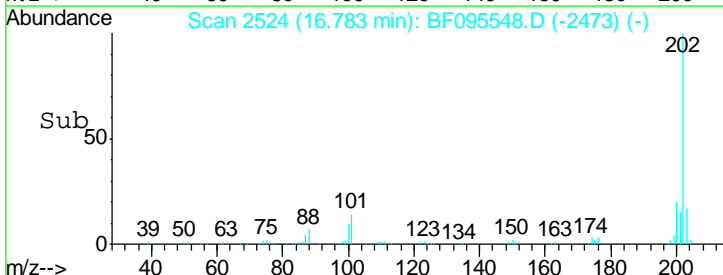


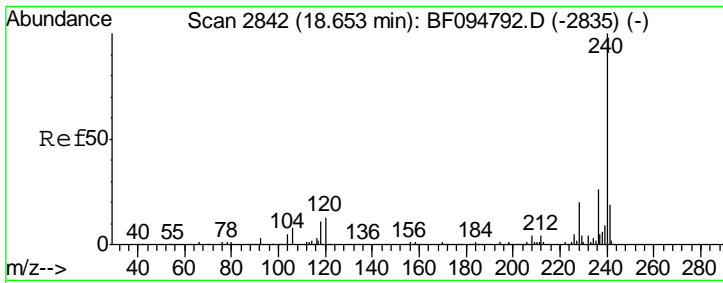
#74
 Fluoranthene
 Concen: 11.17 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



Tgt Ion: 202 Resp: 134660

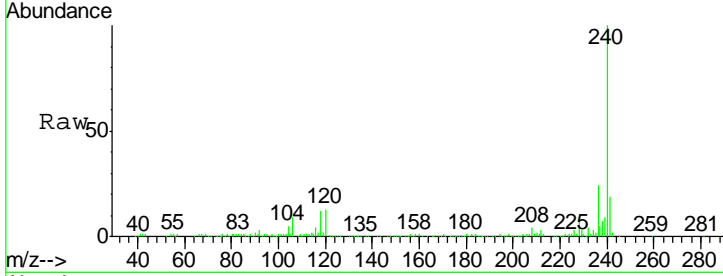
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	16.7	0.0	38.1





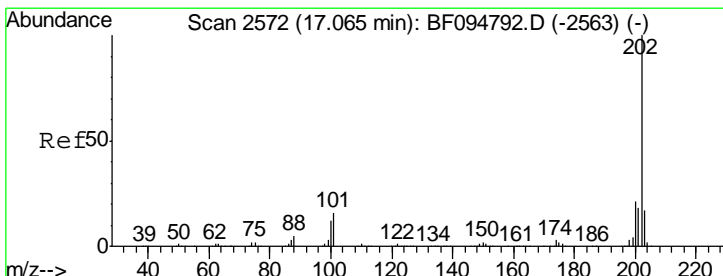
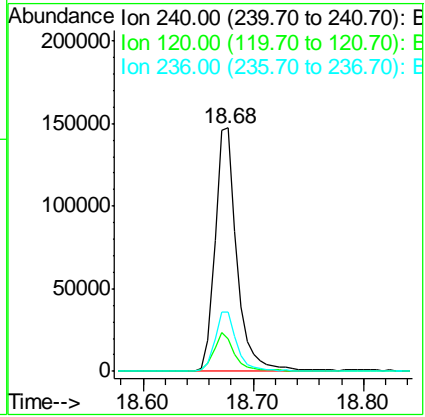
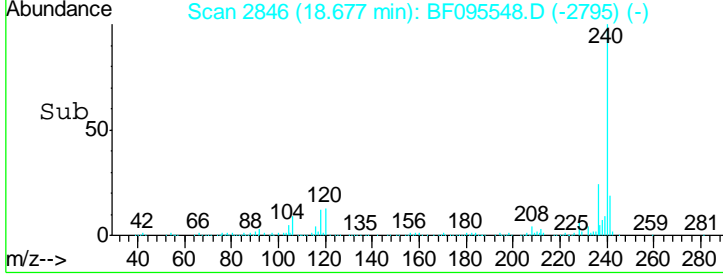
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
 BNA_F
ClientSampled :
 NM17-COMP-6-18



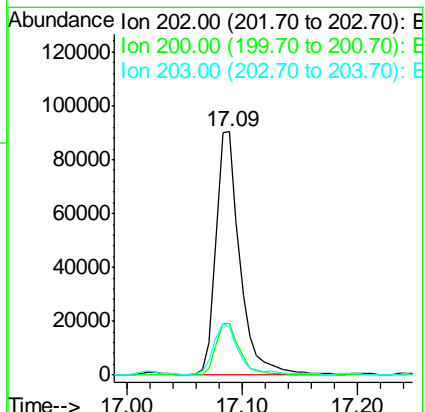
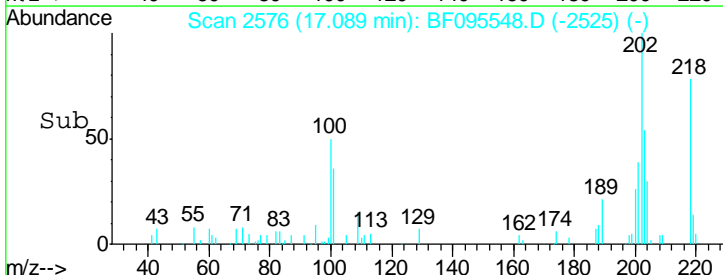
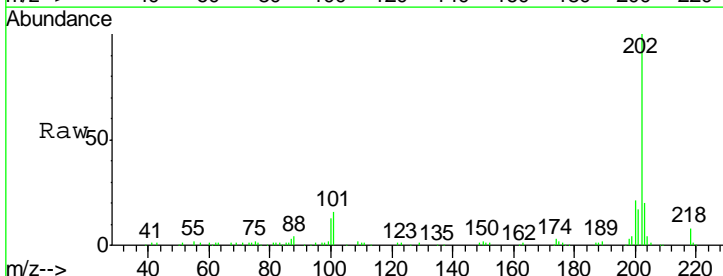
Tgt Ion	Resp	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	24.3	20.5	30.7

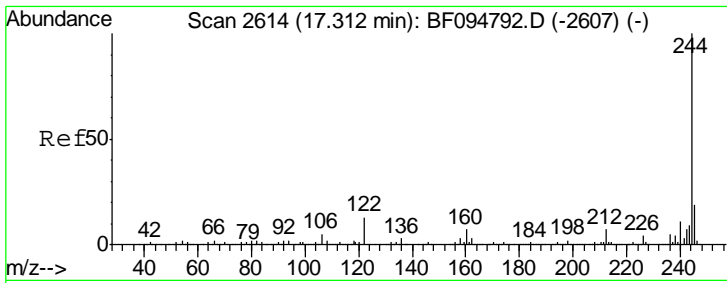
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#77
 Pyrene
 Concen: 8.68 ng
 RT: 17.09 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

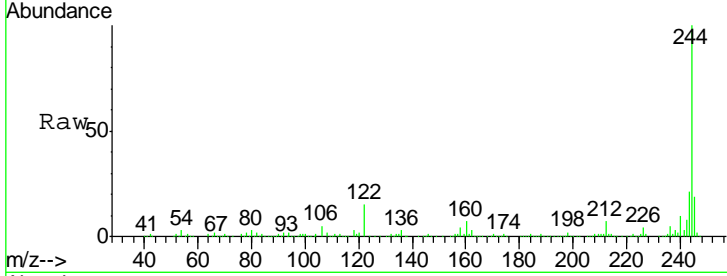
Tgt Ion	Resp	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	19.7	14.4	21.6





#78
 Terphenyl-d14
 Concen: 50.59 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

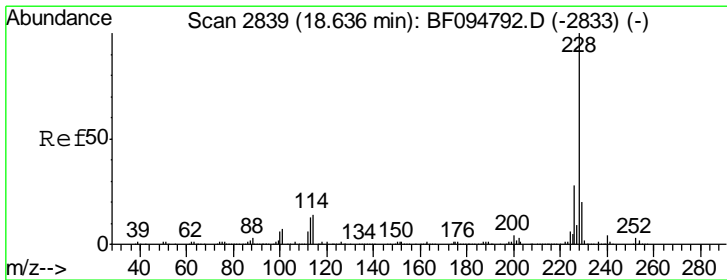
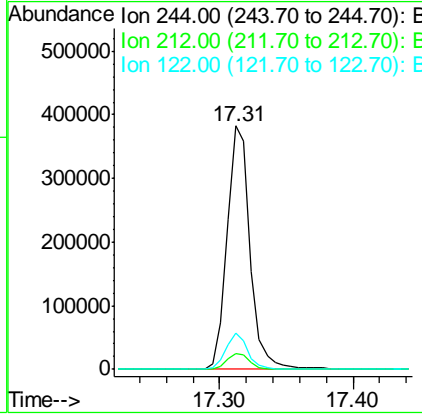
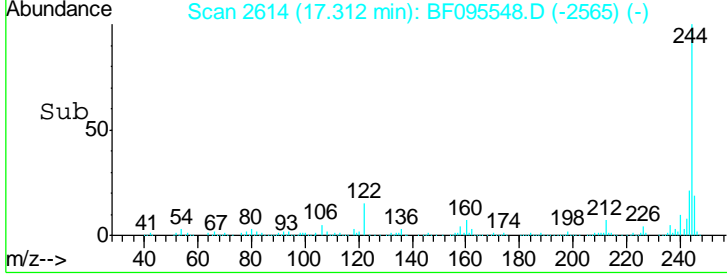
Instrument :
 BNA_F
ClientSampled :
 NM17-COMP-6-18



Tgt Ion: 244 Resp: 463722

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.8	10.3	15.5

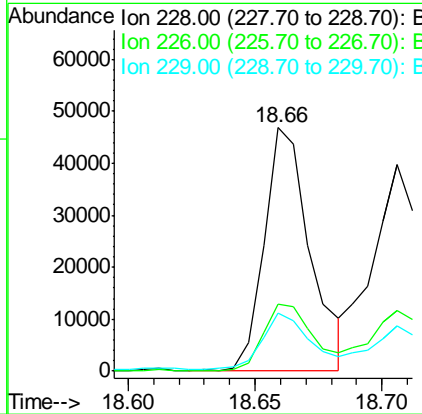
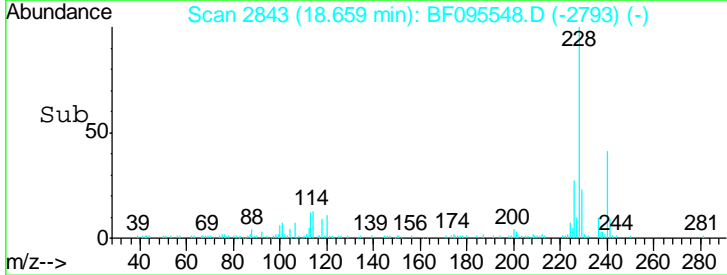
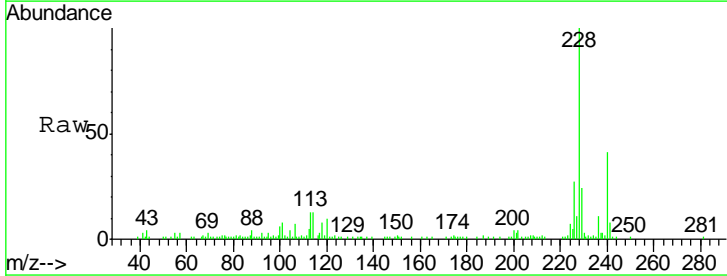
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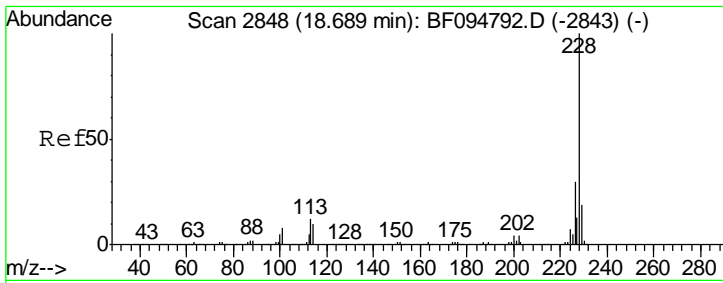


#80
 Benzo(a)anthracene
 Concen: 5.06 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Tgt Ion: 228 Resp: 59430

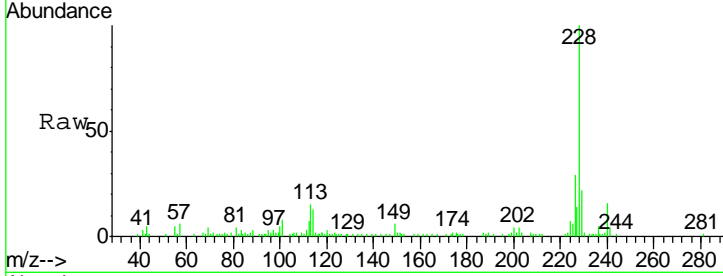
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	23.6	16.3	24.5





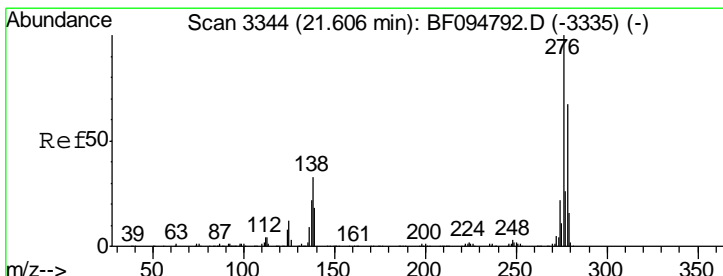
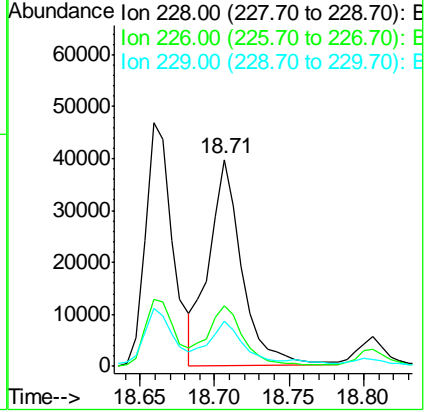
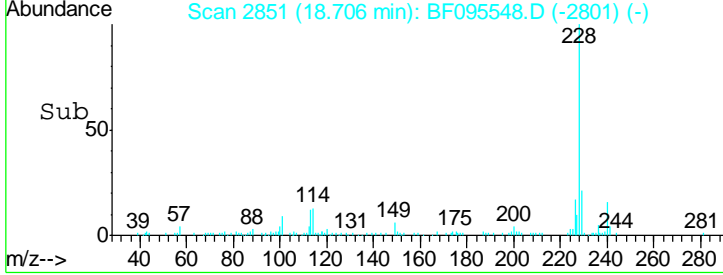
#82
 Chrysene
 Concen: 5.39 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 NM17-COMP-6-18

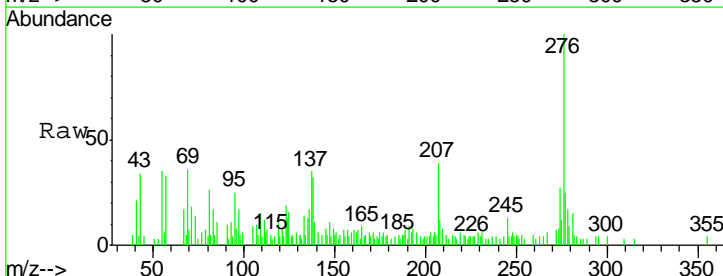


Tgt Ion	Resp	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.9	15.8	23.6

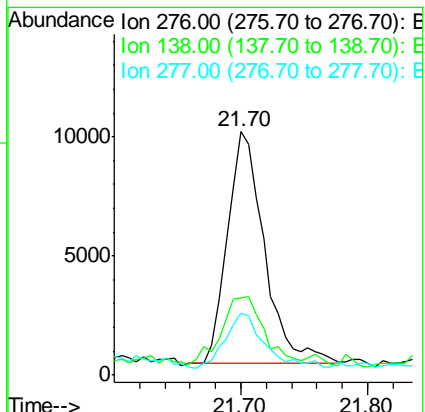
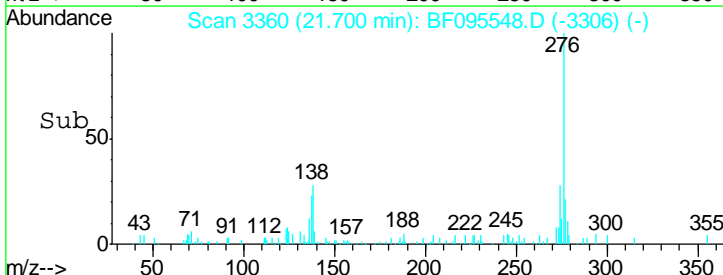
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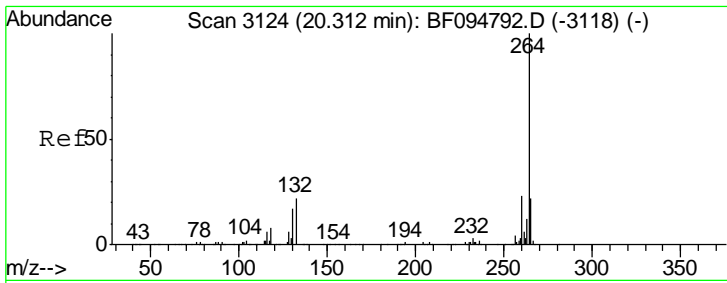


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.12 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.02 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



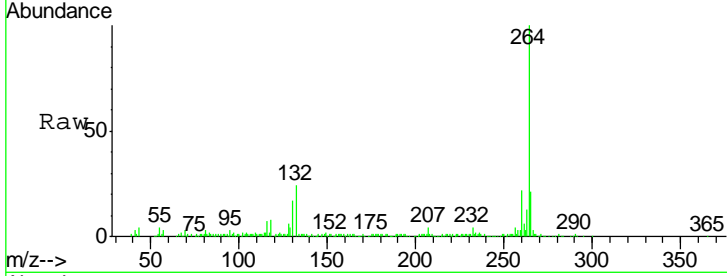
Tgt Ion	Resp	Lower	Upper
276	100		
138	33.3	27.8	41.6
277	25.1	20.2	30.4





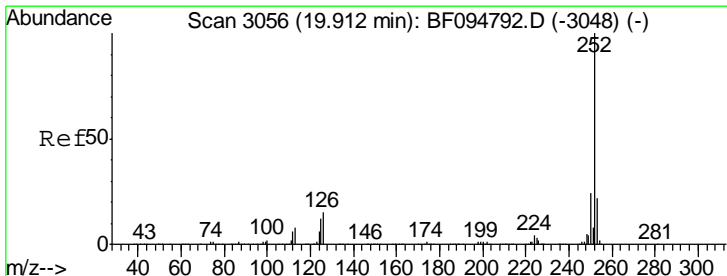
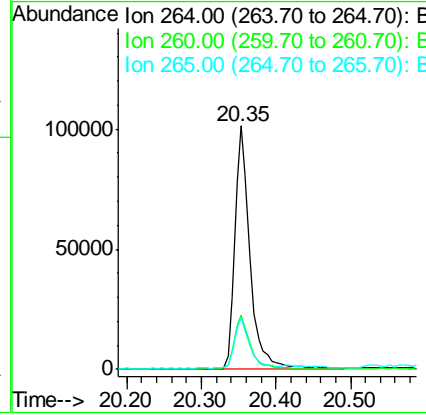
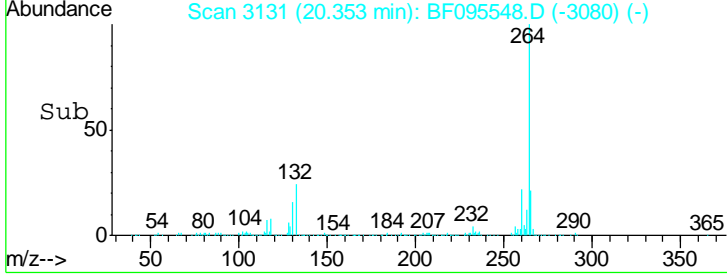
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
 BNA_F
ClientSampled :
 NM17-COMP-6-18

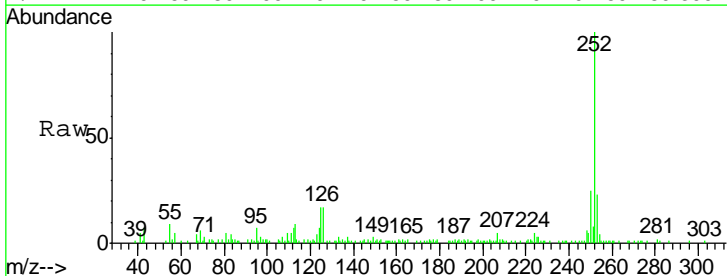


Tgt Ion	Resp	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.3	17.2	25.8

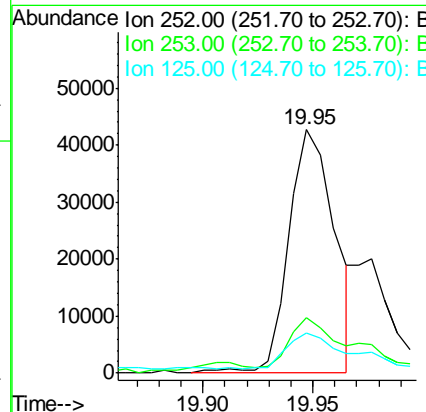
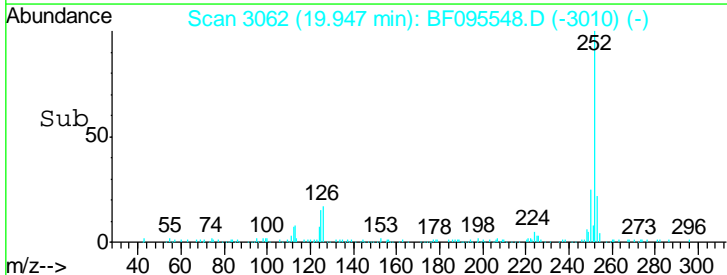
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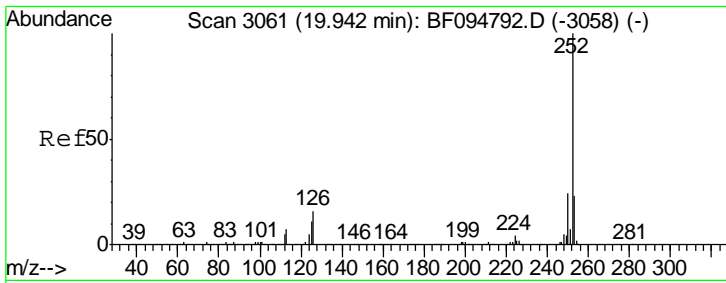


#87
 Benzo(b)fluoranthene
 Concen: 6.82 ng m
 RT: 19.95 min Scan# 3062
 Delta R.T. 0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



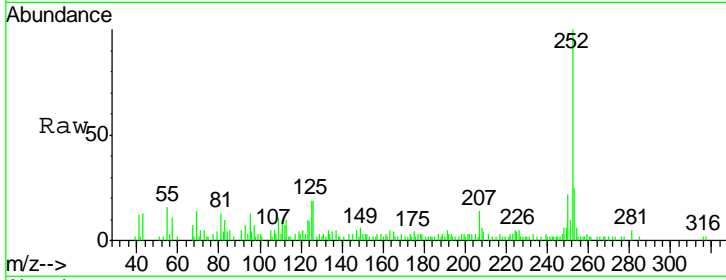
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	16.7	9.8	14.8#





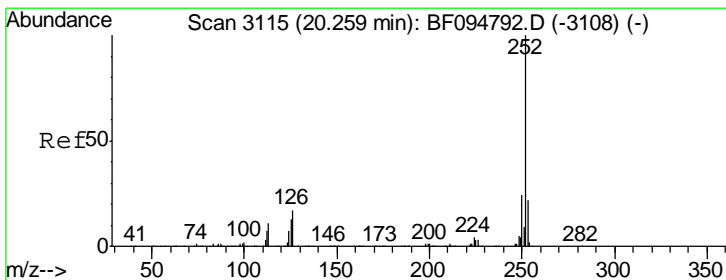
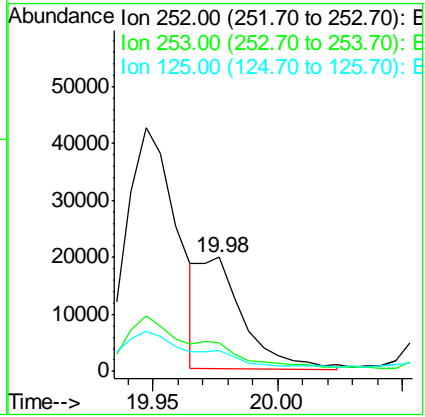
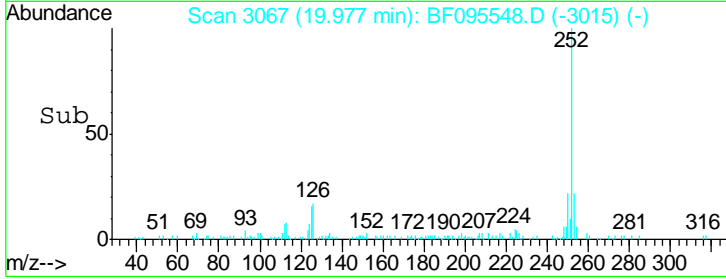
#88
 Benzo(k)fluoranthene
 Concen: 2.74 ng m
 RT: 19.98 min Scan# 3067
 Delta R.T. 0.01 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
 BNA_F
 ClientSampled :
 NM17-COMP-6-18

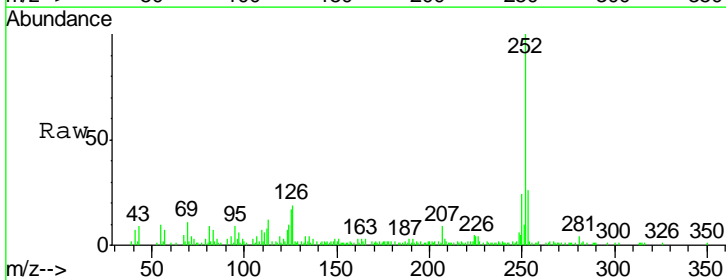


Tgt Ion	Resp	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	18.9	13.1	19.7

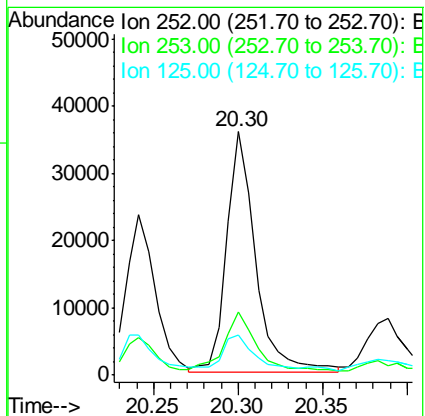
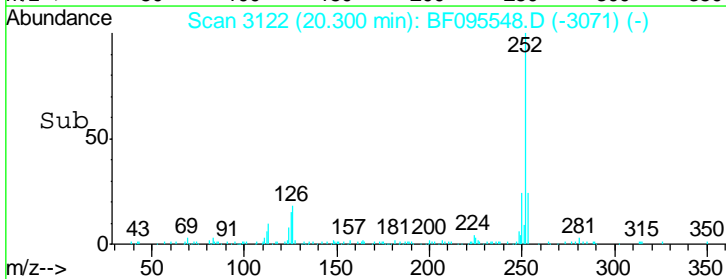
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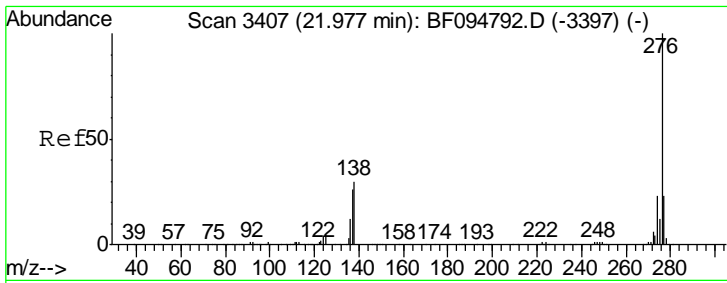


#89
 Benzo(a)pyrene
 Concen: 5.19 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01



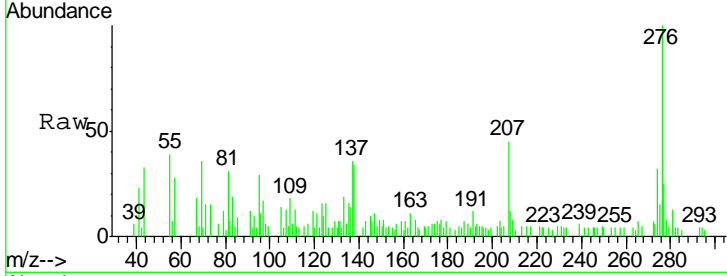
Tgt Ion	Resp	Lower	Upper
252	100		
253	26.0	17.5	26.3
125	16.7	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 3.65 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.02 min
 Lab File: BF095548.D
 Acq: 30 May 2017 22:01

Instrument :
 BNA_F
ClientSampled :
 NM17-COMP-6-18



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	33.8	25.4	38.0

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