

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095200.D
 Acq On : 17 May 2017 23:20
 Operator : SJ/MA
 Sample : I3187-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Manual Integrations
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 5/18/2017 2:29:39 PM

Quant Time: May 18 05:46:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	92729	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	372953	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	150304	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	291540	20.00	ng	0.00
75) Chrysene-d12	18.69	240	196513	20.00	ng	0.00
86) Perylene-d12	20.36	264	169987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	585448	105.26	ng	0.00
7) Phenol-d6	7.31	99	718751	107.70	ng	0.00
23) Nitrobenzene-d5	8.67	82	419559	70.94	ng	-0.01
41) 2,4,6-Tribromophenol	13.92	330	142331	115.63	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	802779	76.88	ng	0.00
78) Terphenyl-d14	17.34	244	548610	61.49	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.82	128	41417	2.21	ng	100
37) 2-Methylnaphthalene	10.96	142	26975	2.19	ng	98
49) Dimethylphthalate	12.25	163	180355	14.62	ng	98
70) Phenanthrene	15.06	178	100120	5.98	ng	96
74) Fluoranthene	16.80	202	170424	9.92	ng	99
77) Pyrene	17.11	202	148423	10.10	ng	97
80) Benzo(a)anthracene	18.68	228	66492m	5.81	ng	
82) Chrysene	18.73	228	73838	6.68	ng	97
85) Indeno(1,2,3-cd)pyrene	21.72	276	41952	4.67	ng	# 91
87) Benzo(b)fluoranthene	19.96	252	97520m	9.28	ng	
88) Benzo(k)fluoranthene	19.99	252	33576m	3.31	ng	
89) Benzo(a)pyrene	20.31	252	56672	5.85	ng	# 95
91) Benzo(a,h,i)perylene	22.10	276	38528	4.90	ng	# 89

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

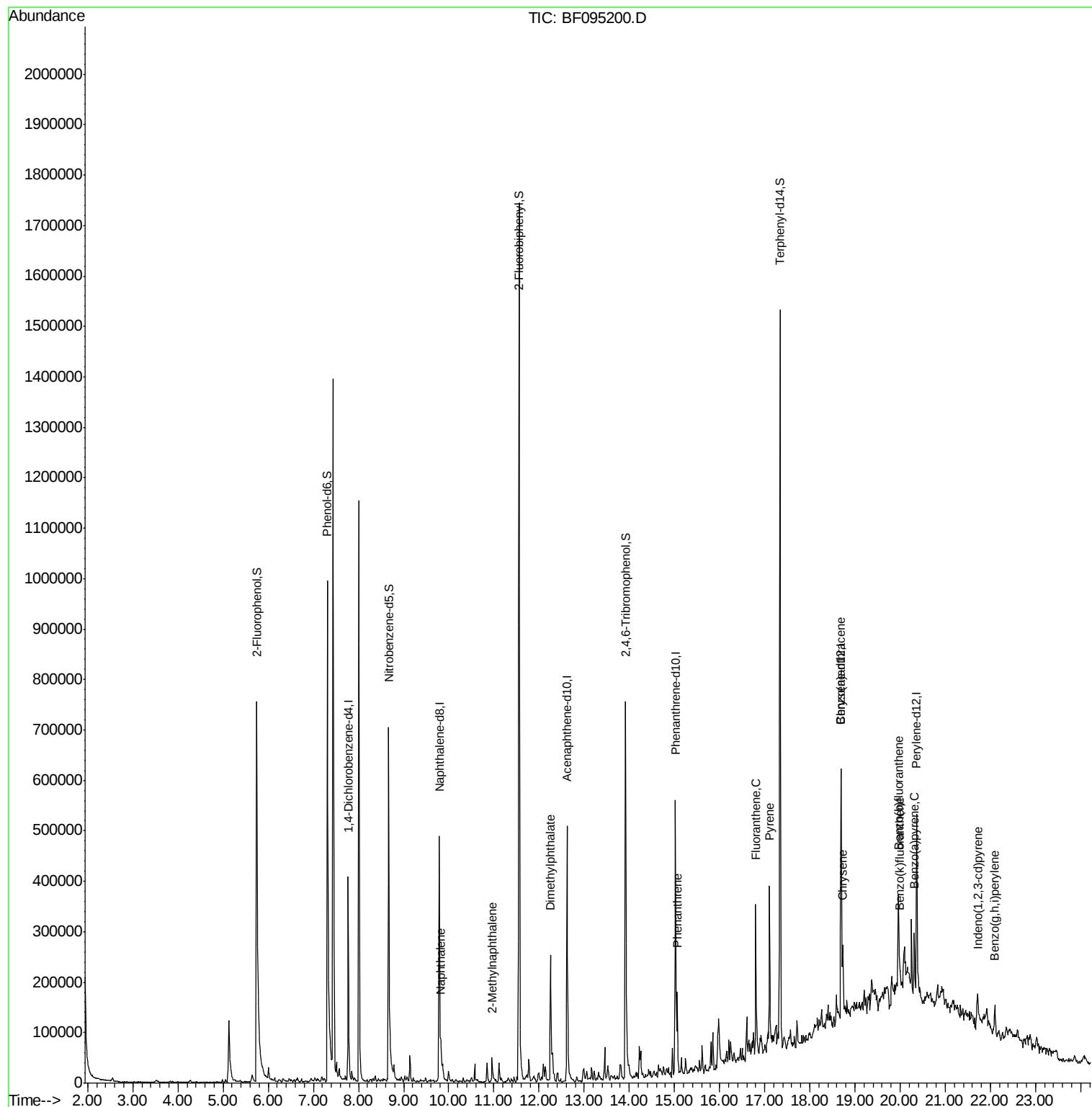
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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#1

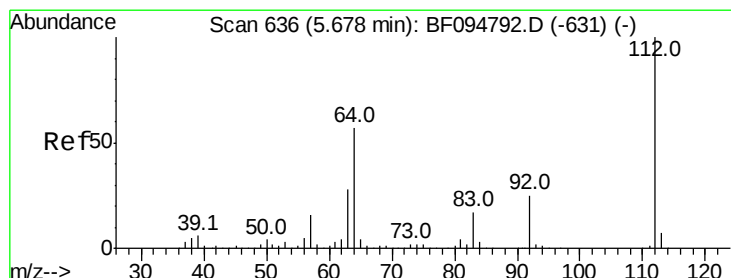
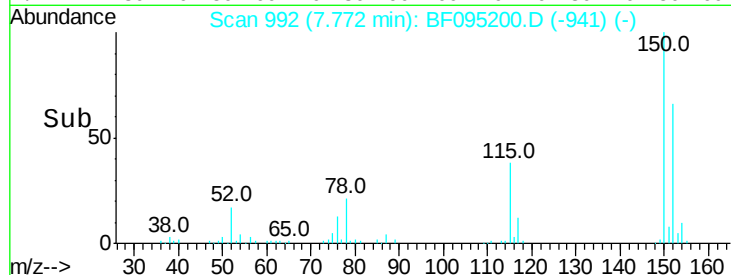
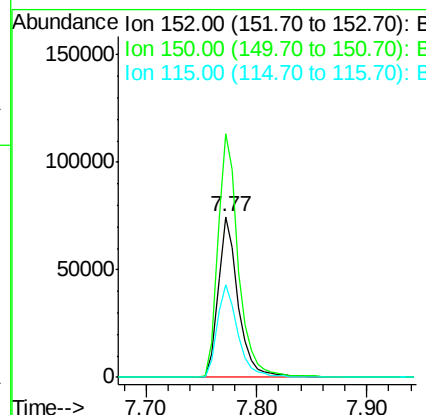
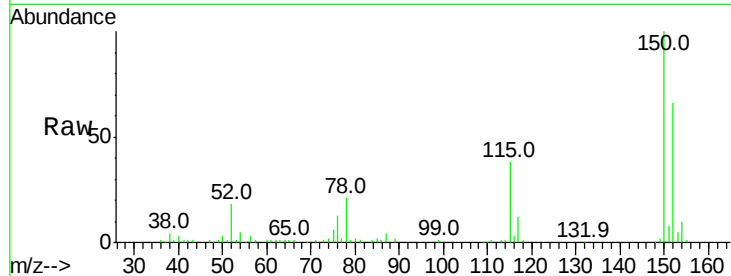
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.2	189.2
115	57.9	52.2	78.2

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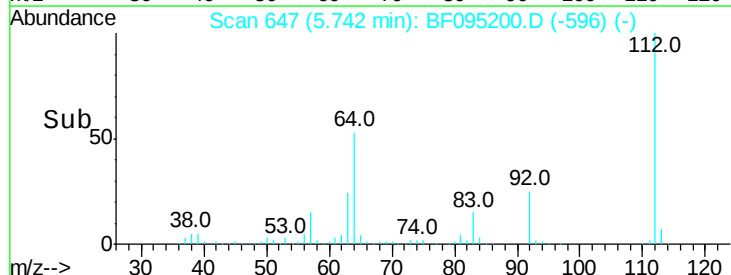
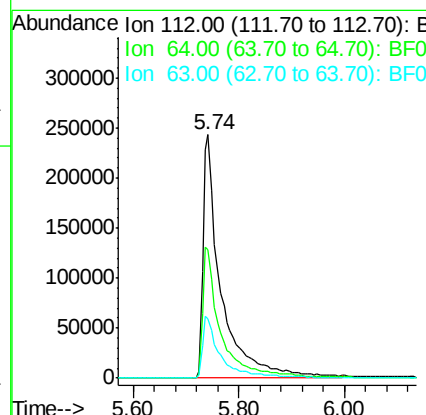
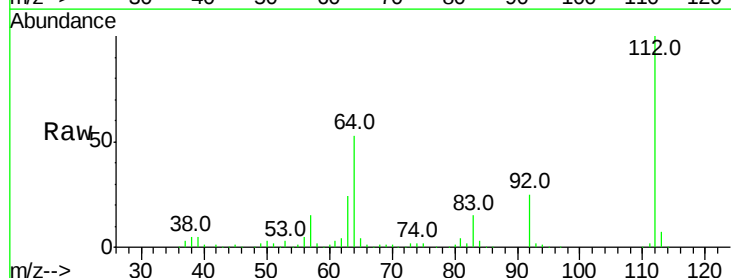
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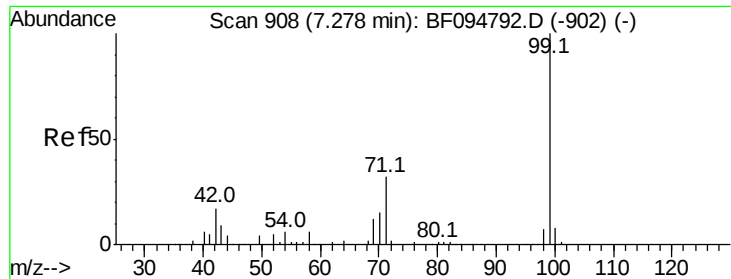


#5

2-Fluorophenol
Concen: 105.26 ng
RT: 5.74 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.0	69.0
63	24.3	23.4	35.0





#7

Phenol-d6

Concen: 107.70 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095200.D

Acq: 17 May 2017 23:20

Instrument :

BNA_F

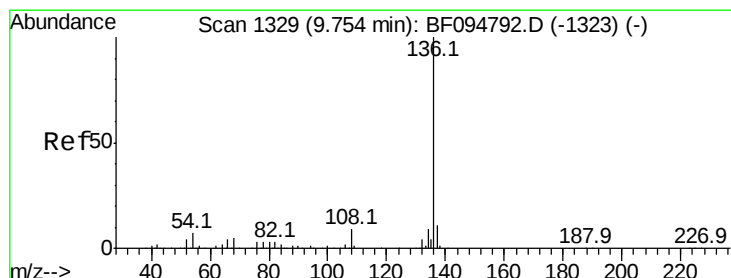
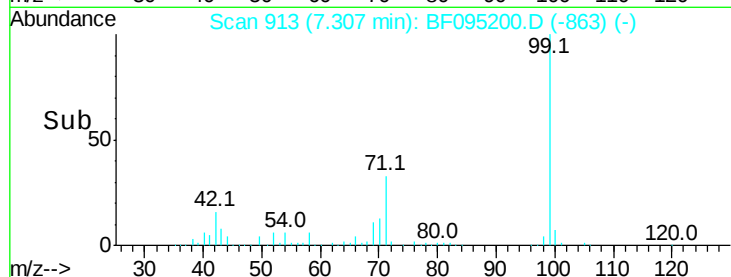
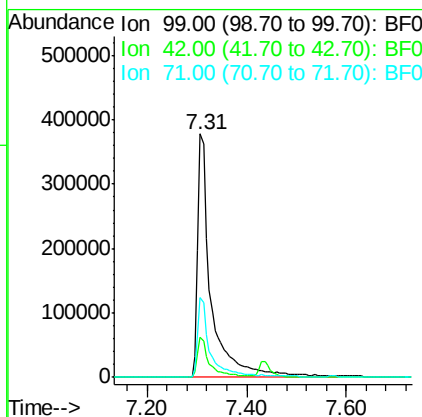
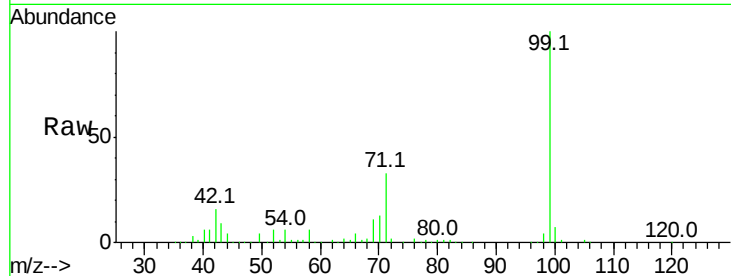
ClientSampled :

SP-COMP

Tot Ion:	99	Resp:	718751
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

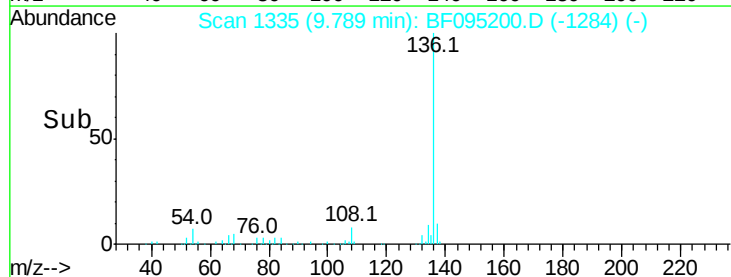
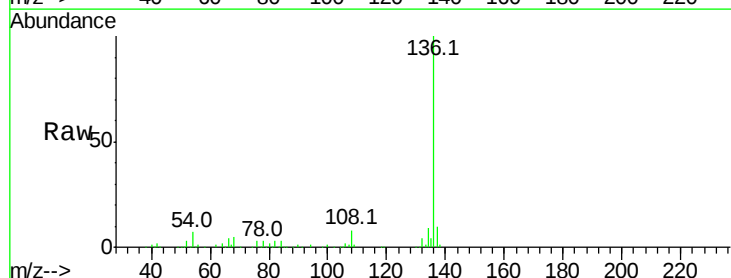
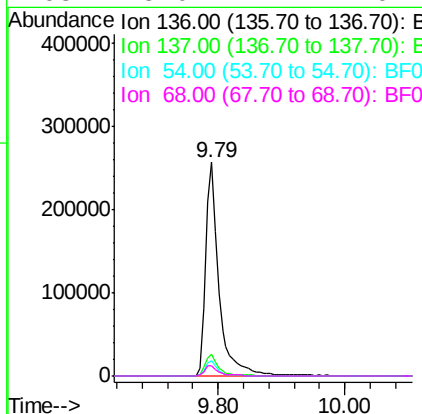
RT: 9.79 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF095200.D

Acq: 17 May 2017 23:20

Tgt Ion:	136	Resp:	372953
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	5.0	4.1	6.1





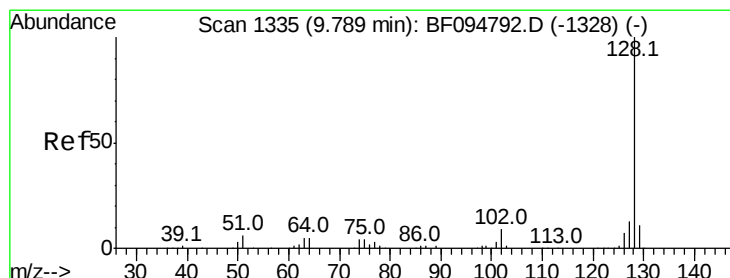
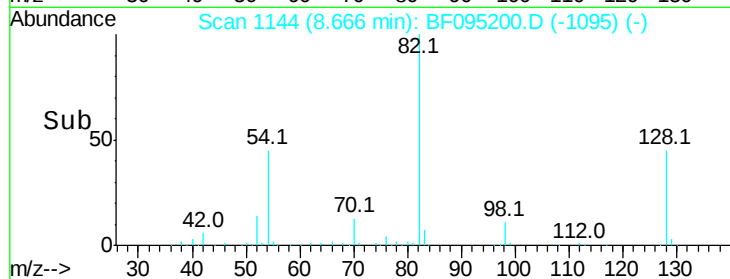
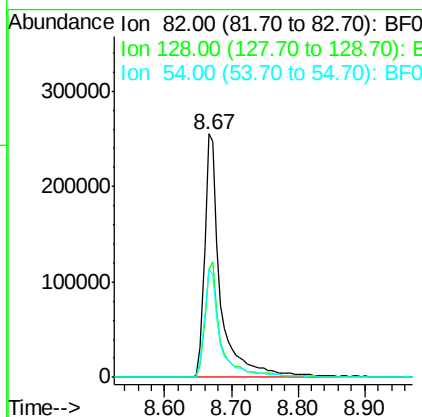
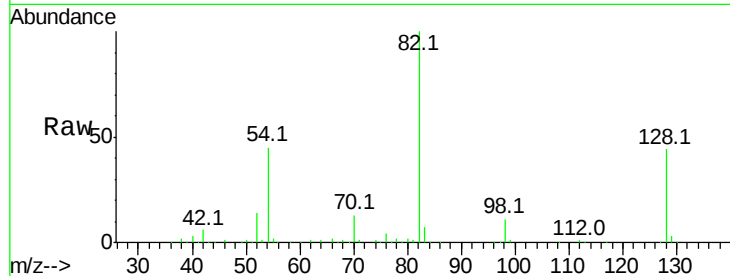
#23
 Nitrobenzene-d5
 Concen: 70.94 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Instrument :
 BNA_F
 ClientSampled :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	44.5	42.2	63.2

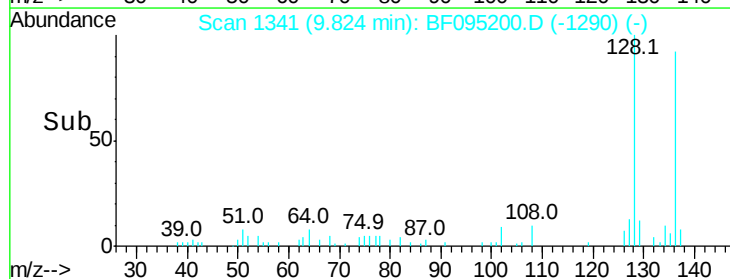
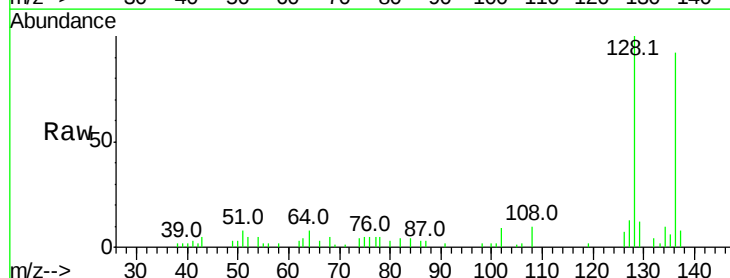
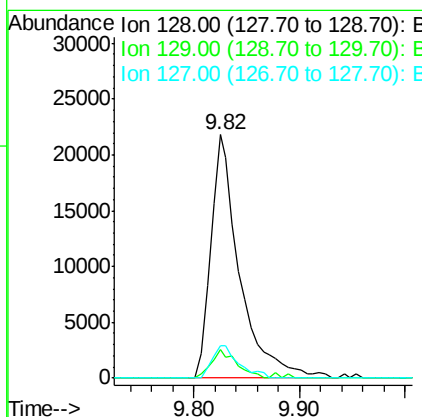
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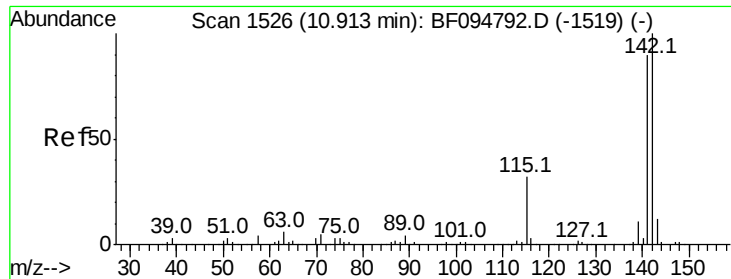
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#31
 Naphthalene
 Concen: 2.21 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.5	10.8	16.2





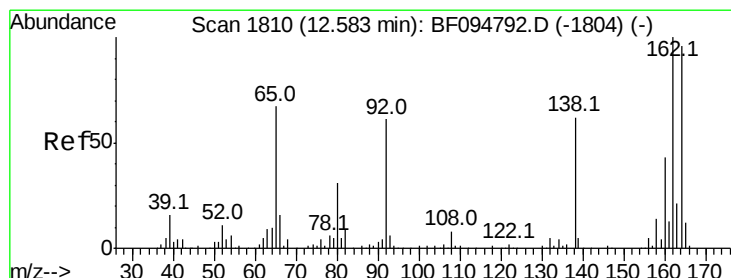
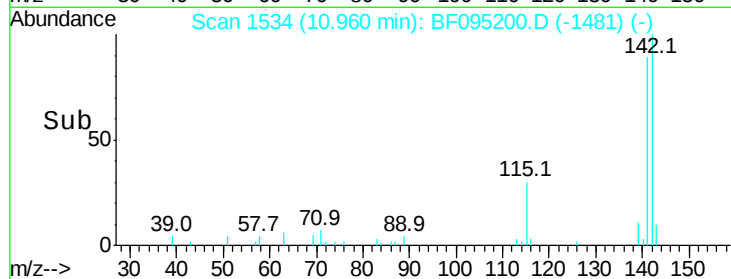
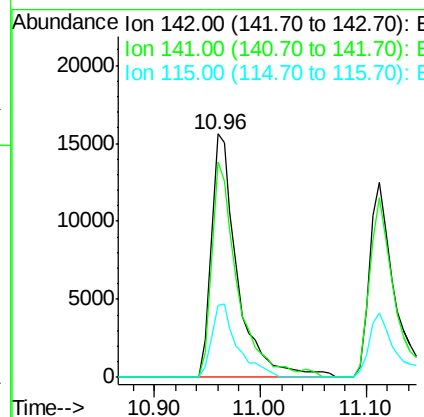
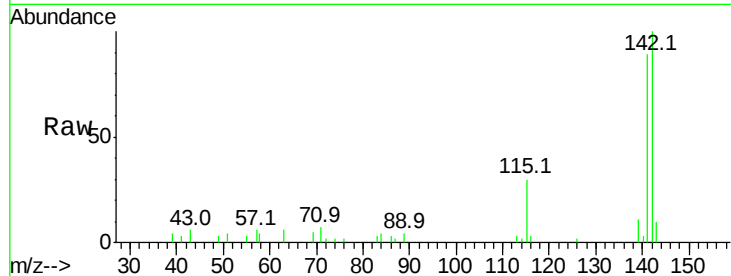
#37
2-Methylnaphthalene
Concen: 2.19 ng
RT: 10.96 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	29.8	27.1	40.7

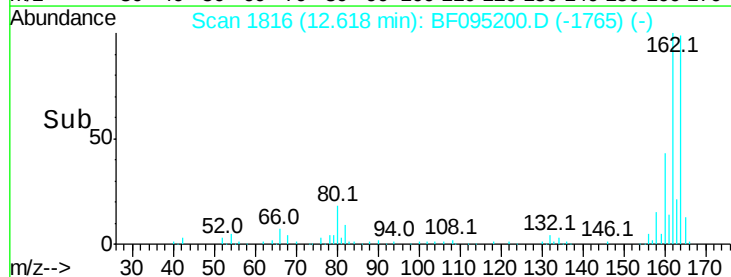
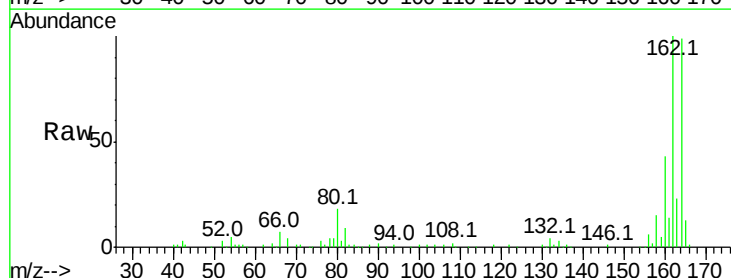
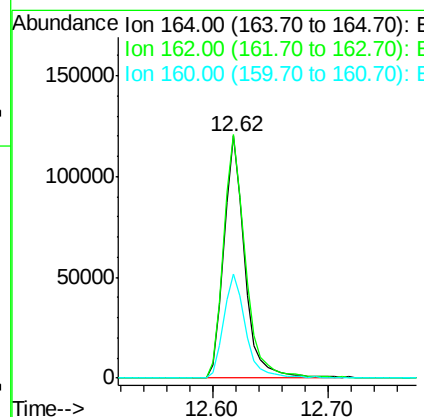
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	42.8	36.2	54.2





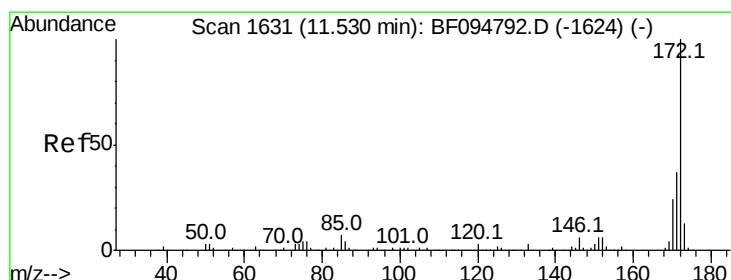
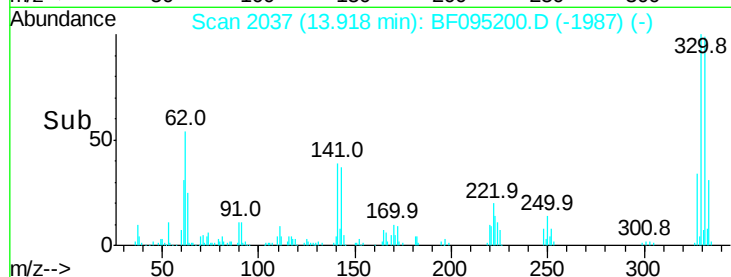
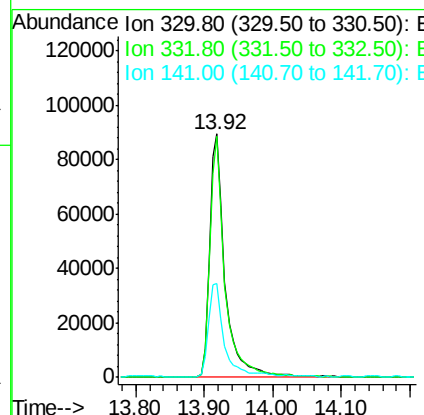
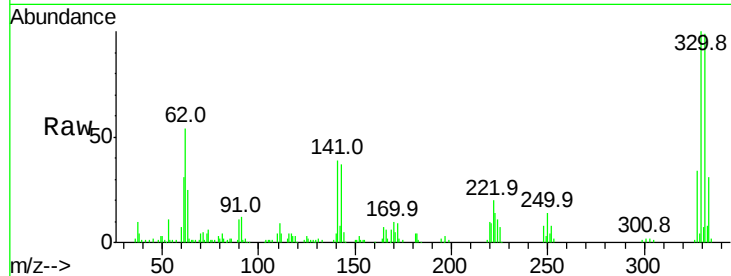
#41
 2,4,6-Tribromophenol
 Concen: 115.63 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142331		
332	96.3	76.6	115.0	
141	40.7	31.4	47.2	

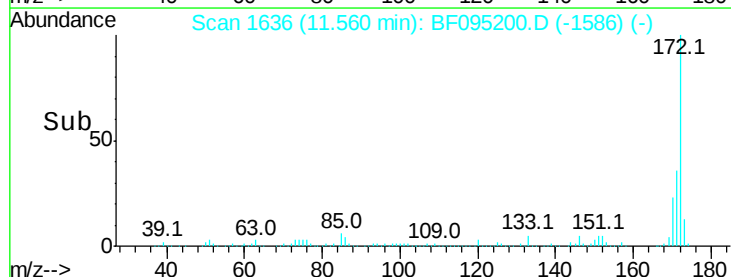
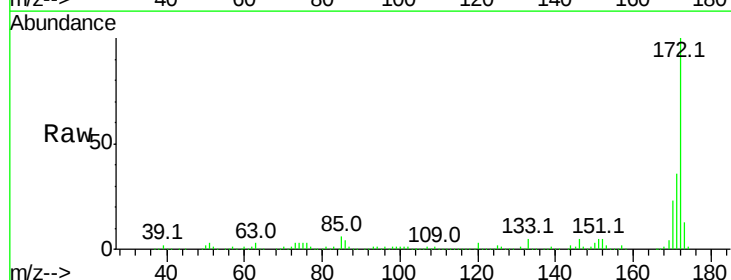
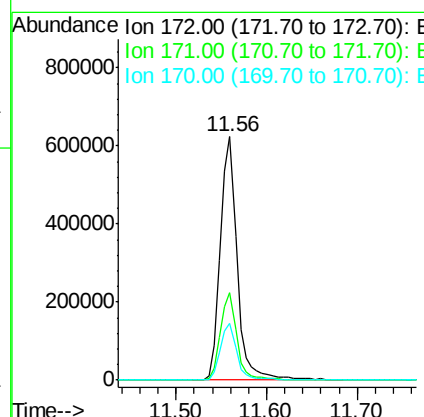
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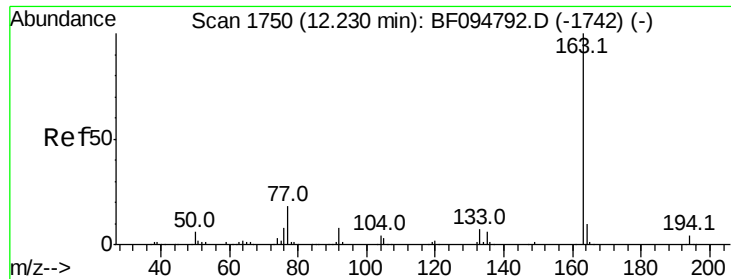
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#44
 2-Fluorobiphenyl
 Concen: 76.88 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	802779		
171	35.7	29.6	44.4	
170	23.1	19.8	29.8	





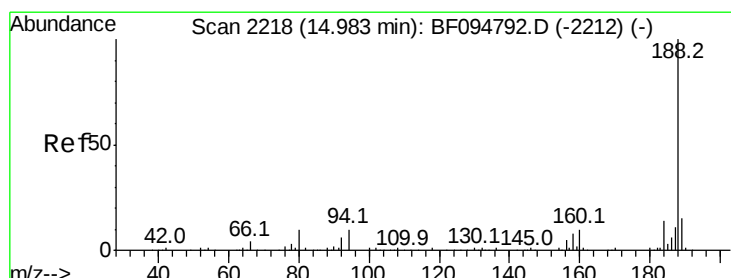
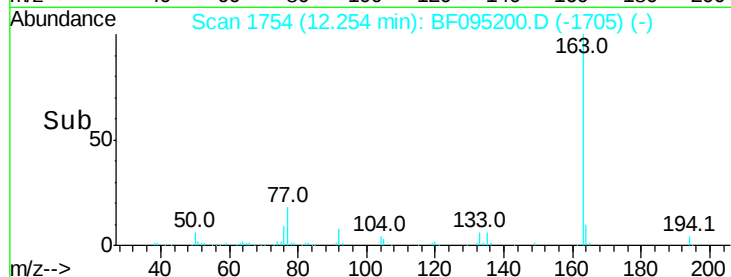
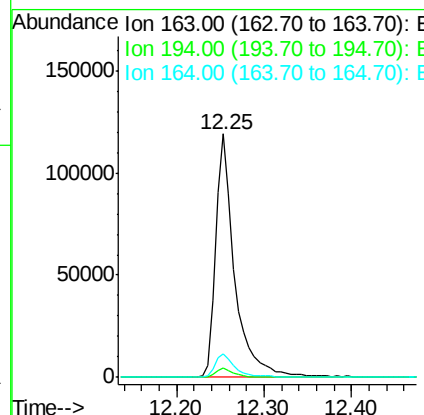
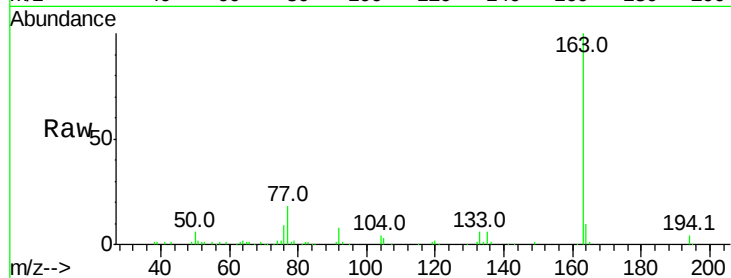
#49
Dimethylphthalate
Concen: 14.62 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.6	4.0
164	9.5	8.4	12.6

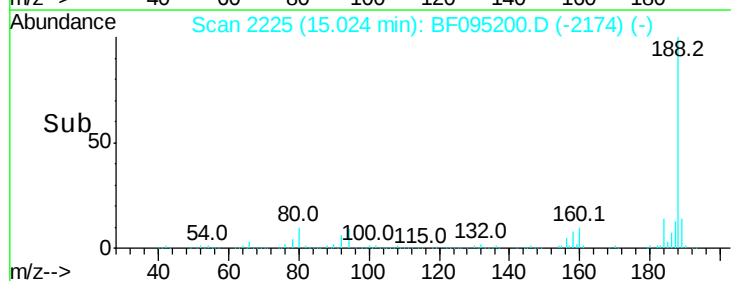
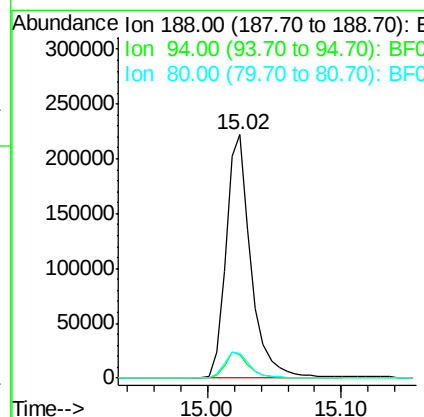
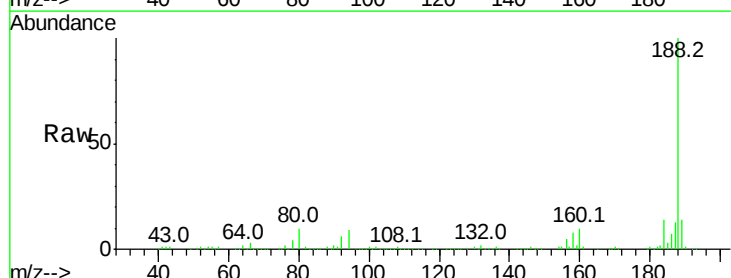
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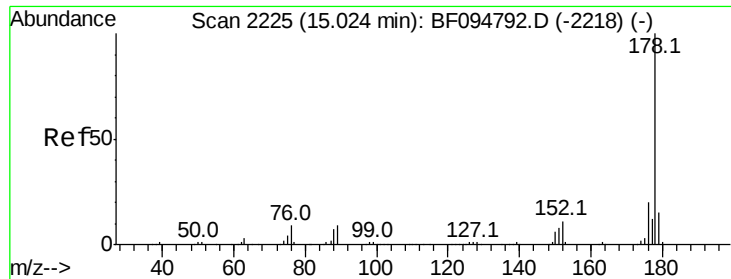
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	9.4	14.2
80	9.9	10.2	15.2#





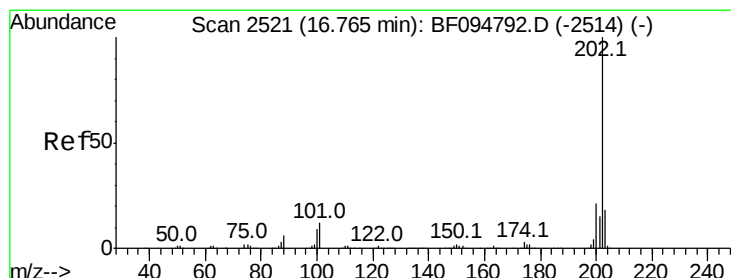
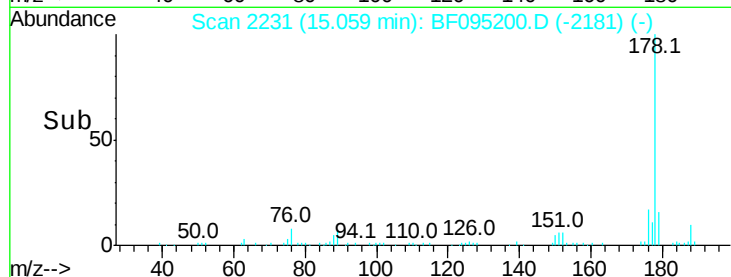
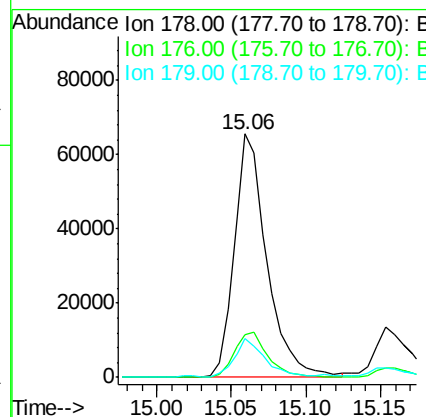
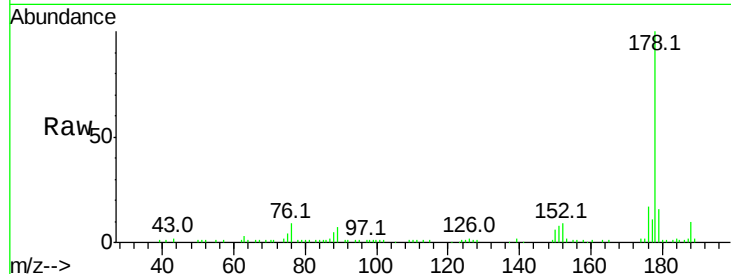
#70
Phenanthrene
Concen: 5.98 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.2	24.4
179	15.7	12.6	19.0

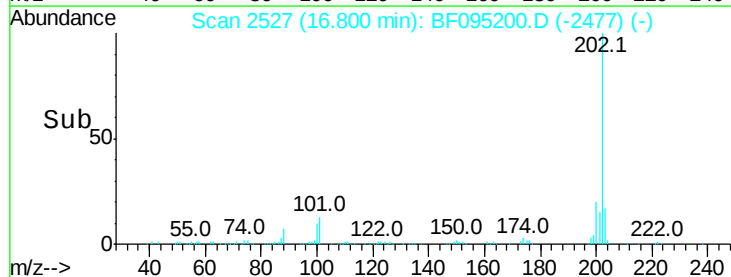
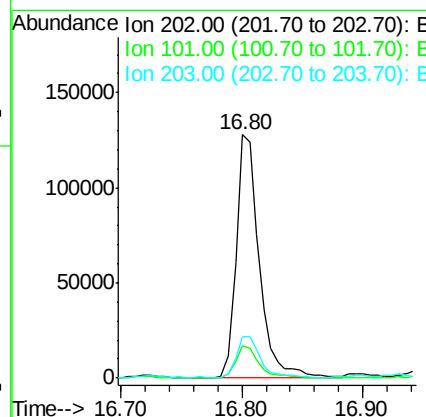
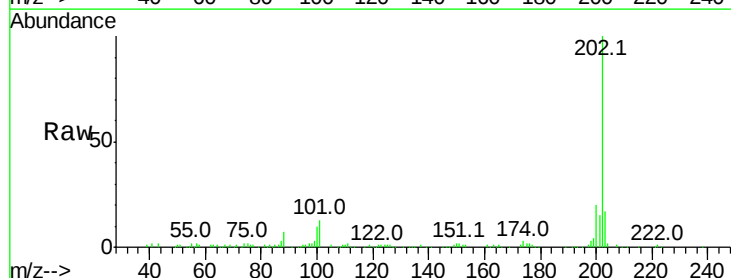
Manual Integrations
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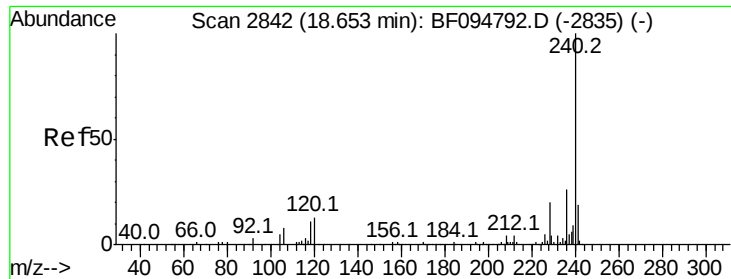
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#74
Fluoranthene
Concen: 9.92 ng
RT: 16.80 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BF095200.D

Acq: 17 May 2017 23:20

Instrument :

BNA_F

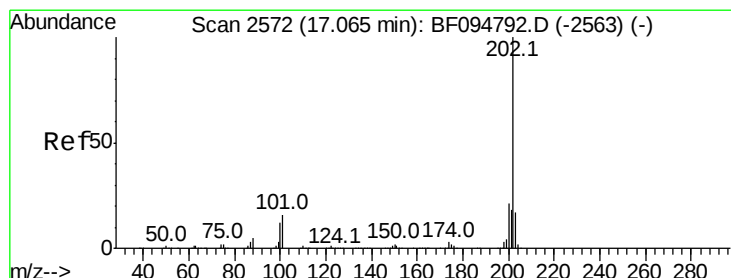
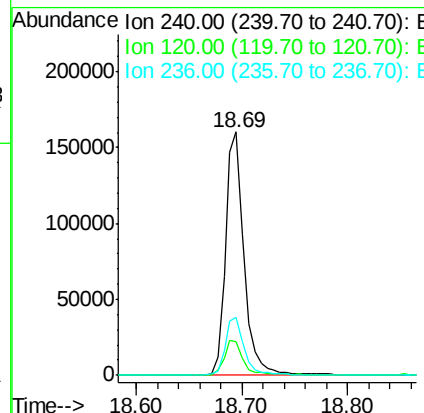
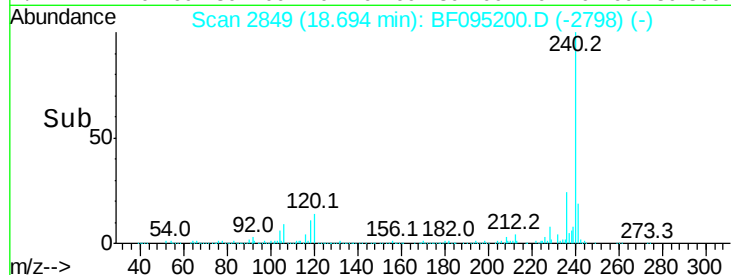
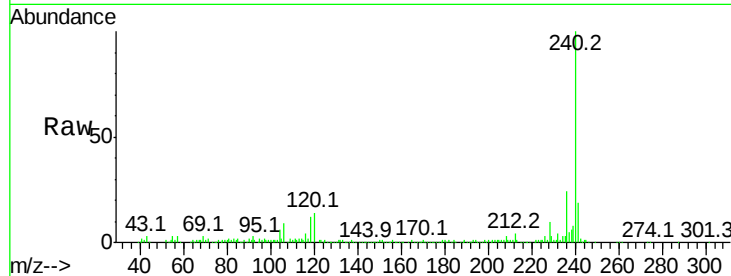
ClientSampleId :

SP-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	23.8	20.5	30.7

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#77

Pyrene

Concen: 10.10 ng

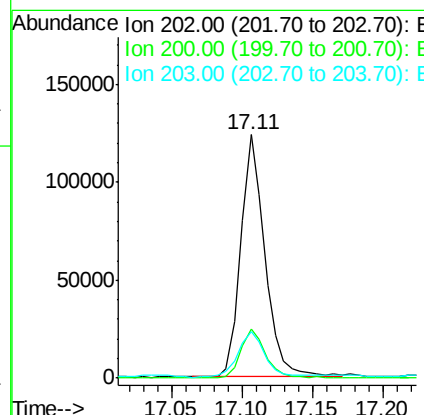
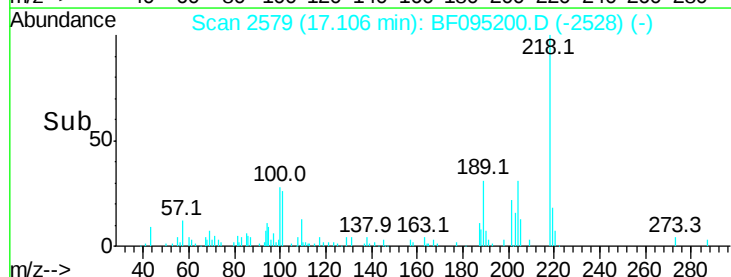
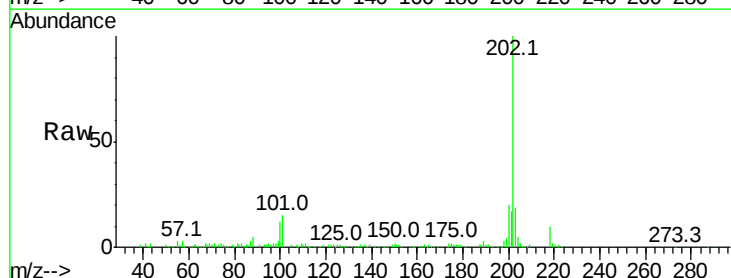
RT: 17.11 min Scan# 2579

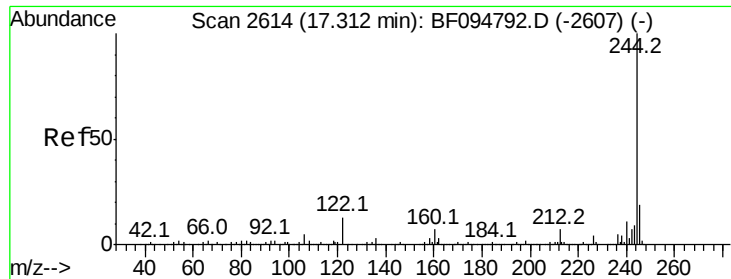
Delta R.T. -0.00 min

Lab File: BF095200.D

Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	19.1	14.4	21.6





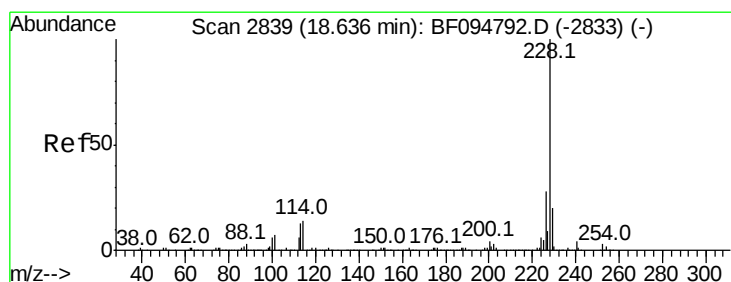
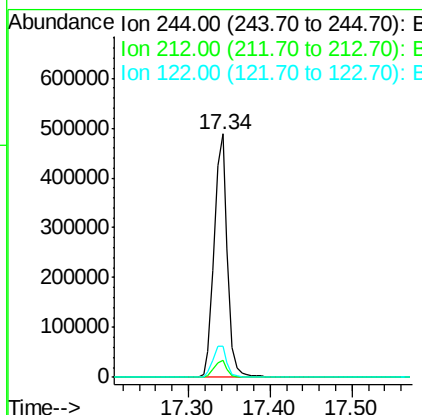
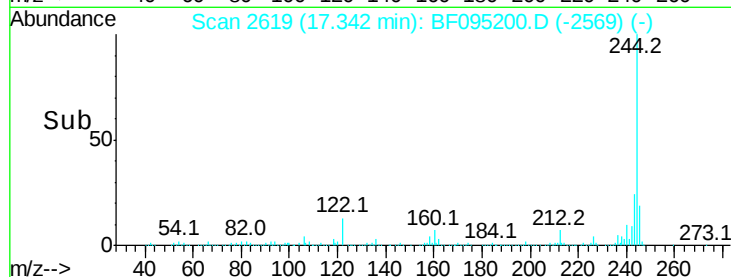
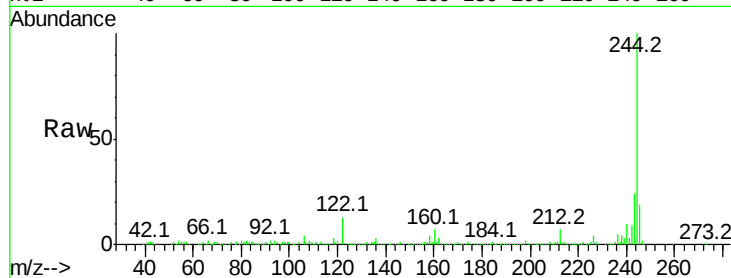
#78
 Terphenyl-d14
 Concen: 61.49 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.0	10.3	15.5

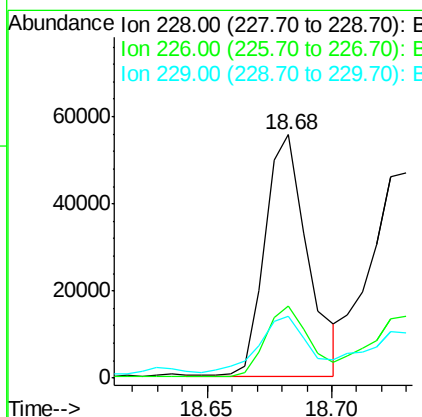
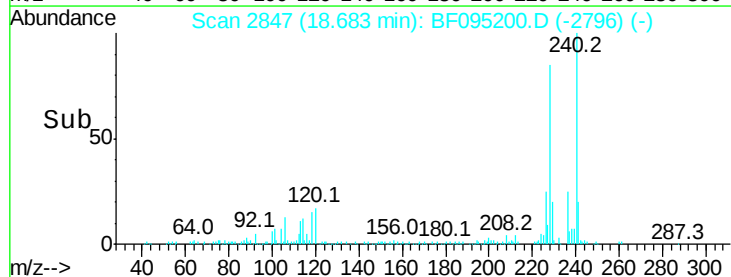
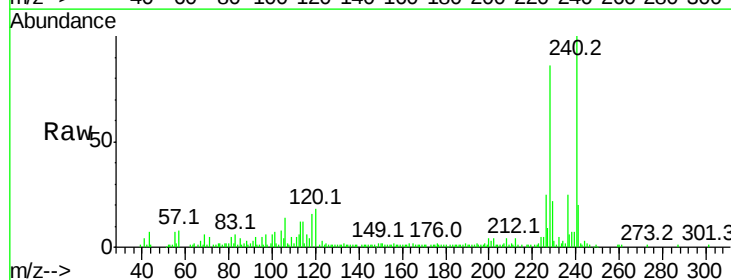
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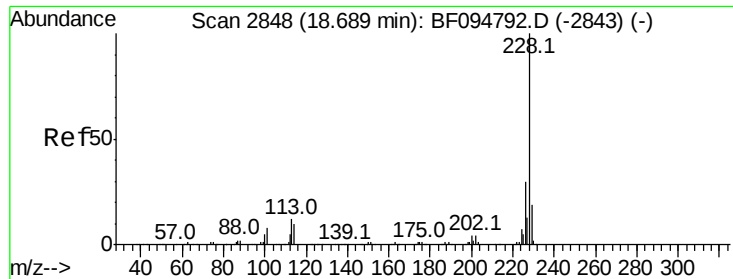
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#80
 Benzo(a)anthracene
 Concen: 5.81 ng m
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.00 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	25.2	16.3	24.5





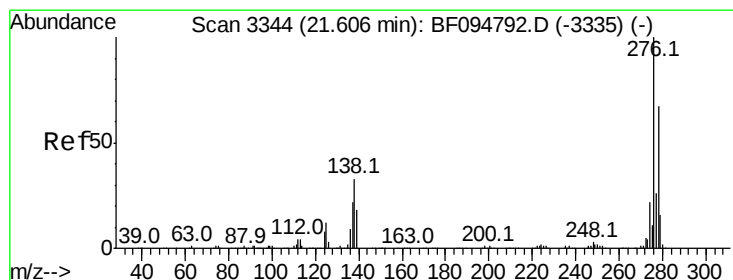
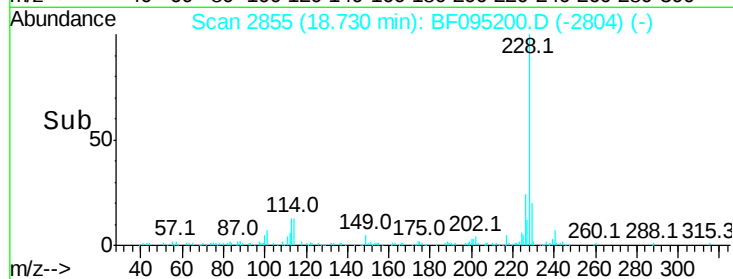
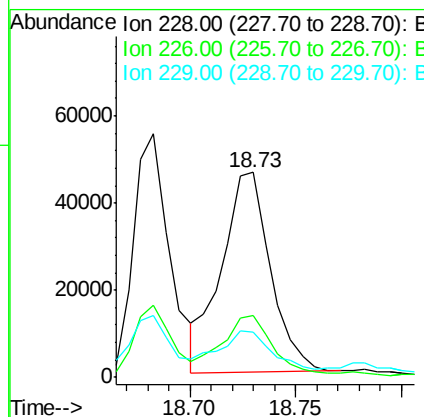
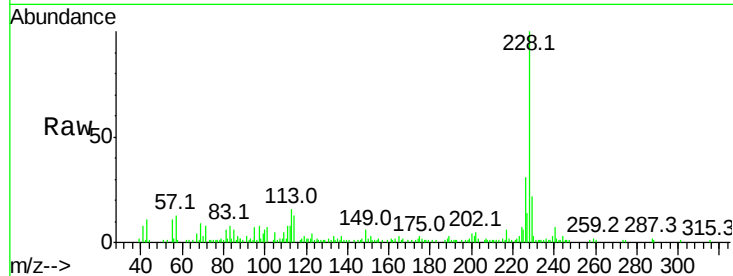
#82
Chrysene
Concen: 6.68 ng
RT: 18.73 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.9	15.8	23.6

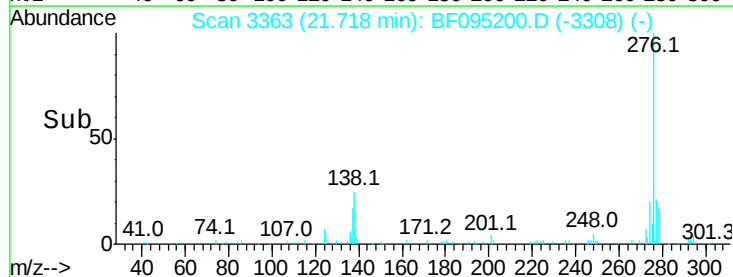
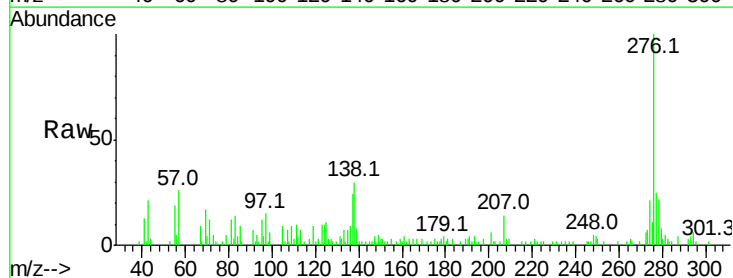
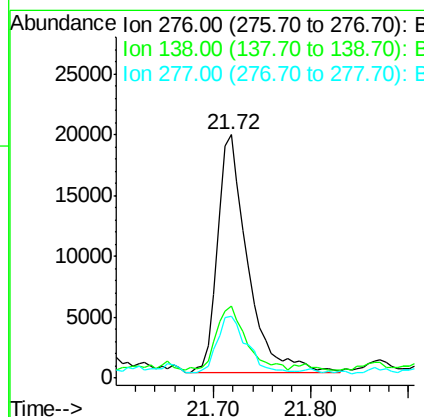
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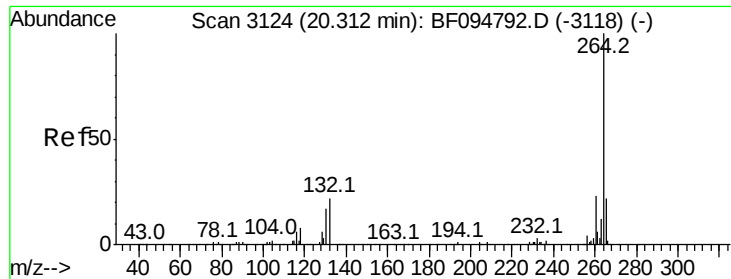
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.67 ng
RT: 21.72 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	27.8	41.6#
277	23.9	20.2	30.4





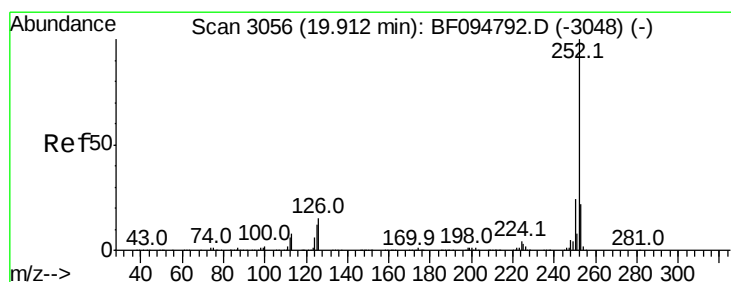
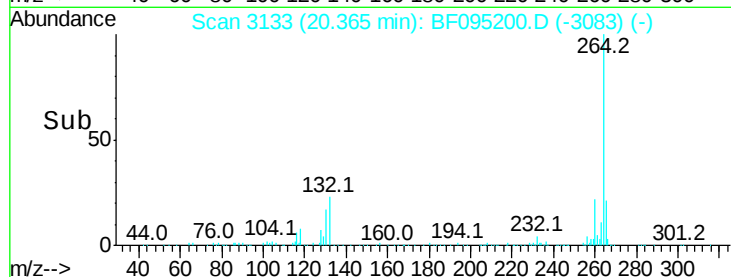
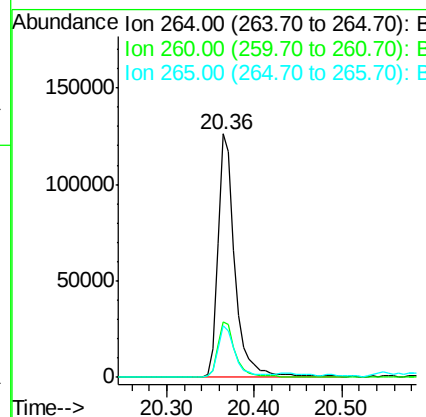
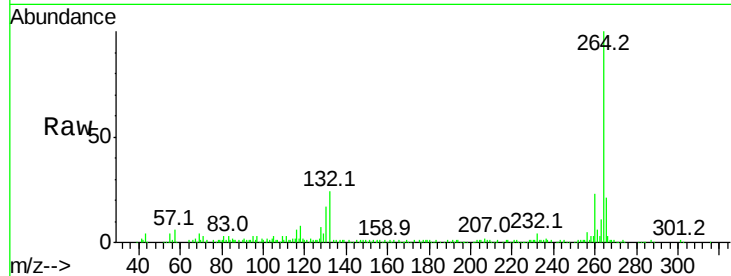
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.2	17.2	25.8

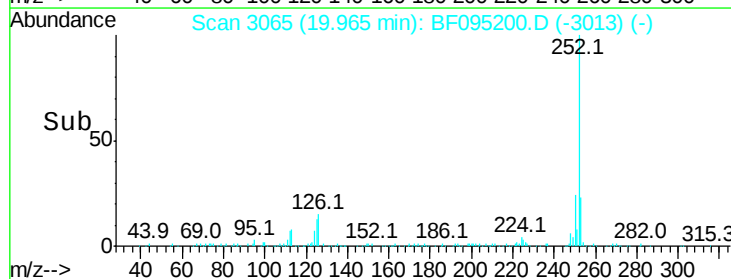
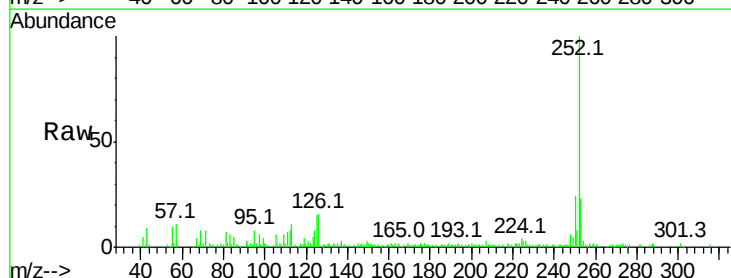
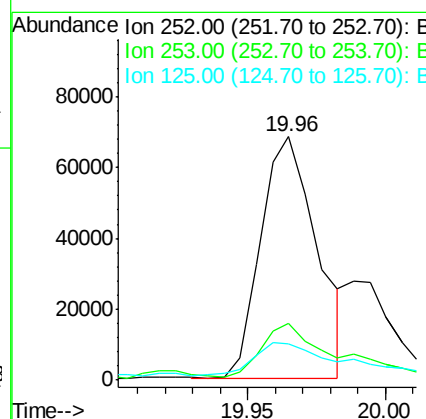
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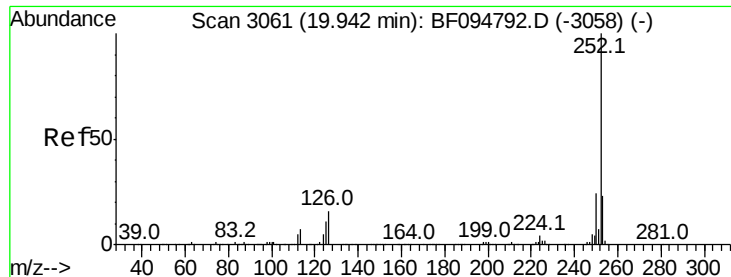
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#87
Benzo(b)fluoranthene
Concen: 9.28 ng m
RT: 19.96 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095200.D
Acq: 17 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	15.2	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 3.31 ng

RT: 19.99 min Scan# 3069

Delta R.T. 0.01 min

Lab File: BF095200.D

Acq: 17 May 2017 23:20

Instrument :

BNA_F

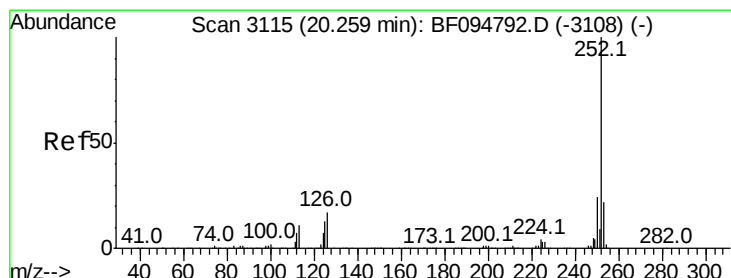
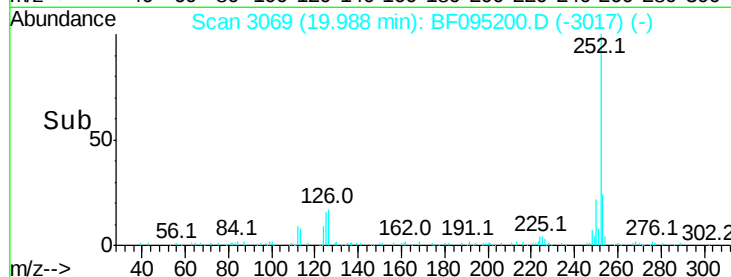
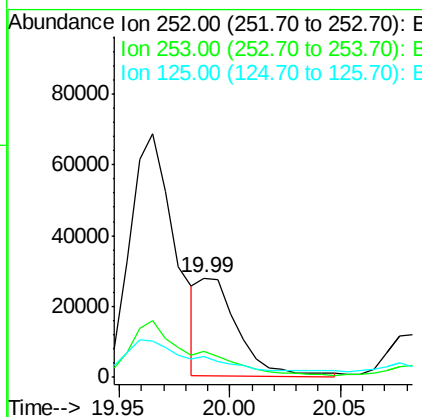
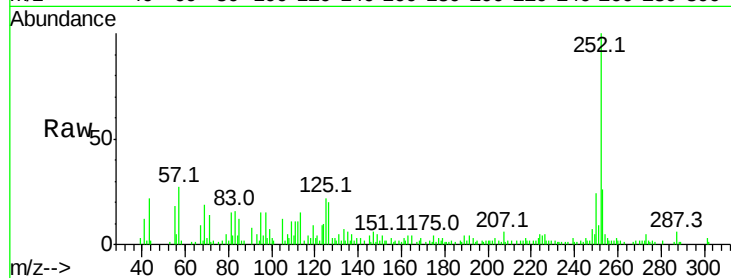
ClientSampleId :

SP-COMP

Tot Ion:	252	Resp:	33576
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.4	27.6
125	21.7	13.1	19.7#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 5.85 ng

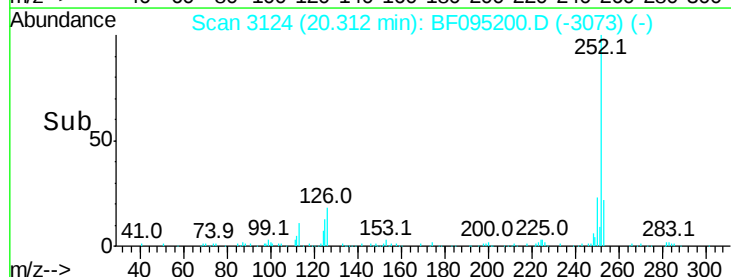
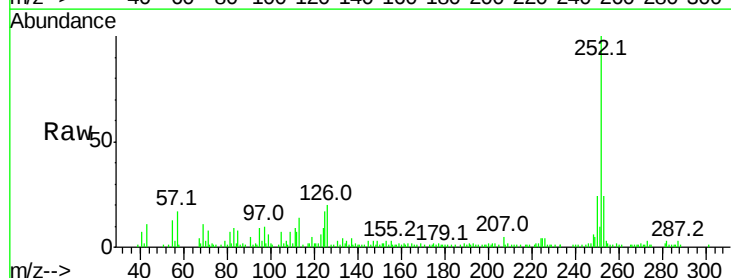
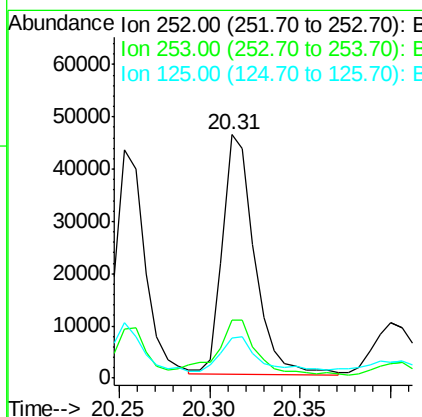
RT: 20.31 min Scan# 3124

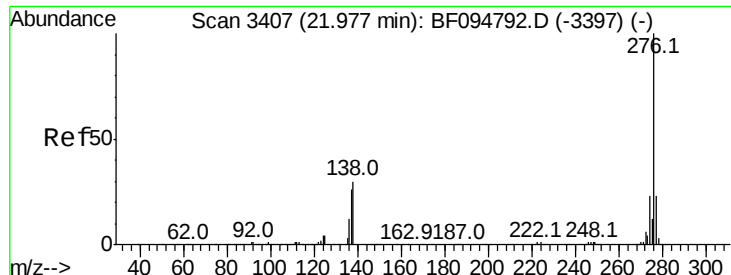
Delta R.T. -0.00 min

Lab File: BF095200.D

Acq: 17 May 2017 23:20

Tgt Ion:	252	Resp:	56672
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.5	26.3
125	16.6	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 4.90 ng
 RT: 22.10 min Scan# 3428
 Delta R.T. 0.02 min
 Lab File: BF095200.D
 Acq: 17 May 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.6	28.0#
138	38.7	25.4	38.0#

Manual Integrations
 APPROVED

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