

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095762.D
 Acq On : 7 Jun 2017 23:47
 Operator : SJ/MA
 Sample : I3488-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-C

Manual Integrations
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mohammad
 6/8/2017 12:19:15 PM

Quant Time: Jun 08 05:51:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	74884	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	286853	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	114362	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	169605	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	140956	20.00	ng	-0.01
86) Perylene-d12	20.02	264	99258	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	97162	20.68	ng	0.00
7) Phenol-d6	6.95	99	112688	20.03	ng	0.00
23) Nitrobenzene-d5	8.30	82	62802	13.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	17610	17.40	ng	-0.01
44) 2-Fluorobiphenyl	11.19	172	129679	15.78	ng	-0.02
78) Terphenyl-d14	17.00	244	78761	13.87	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	11.89	163	23535	2.71	ng	96
70) Phenanthrene	14.67	178	33950	3.47	ng	94
74) Fluoranthene	16.45	202	56926	5.88	ng	81
77) Pyrene	16.75	202	53915	5.13	ng	# 94
80) Benzo(a)anthracene	18.33	228	28018	3.42	ng	97
82) Chrysene	18.38	228	26743	3.27	ng	96
87) Benzo(b)fluoranthene	19.62	252	29121m	4.69	ng	
89) Benzo(a)pyrene	19.96	252	20921	3.66	ng	# 86
91) Benzo(g,h,i)perylene	21.54	276	10838	2.19	ng	93

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

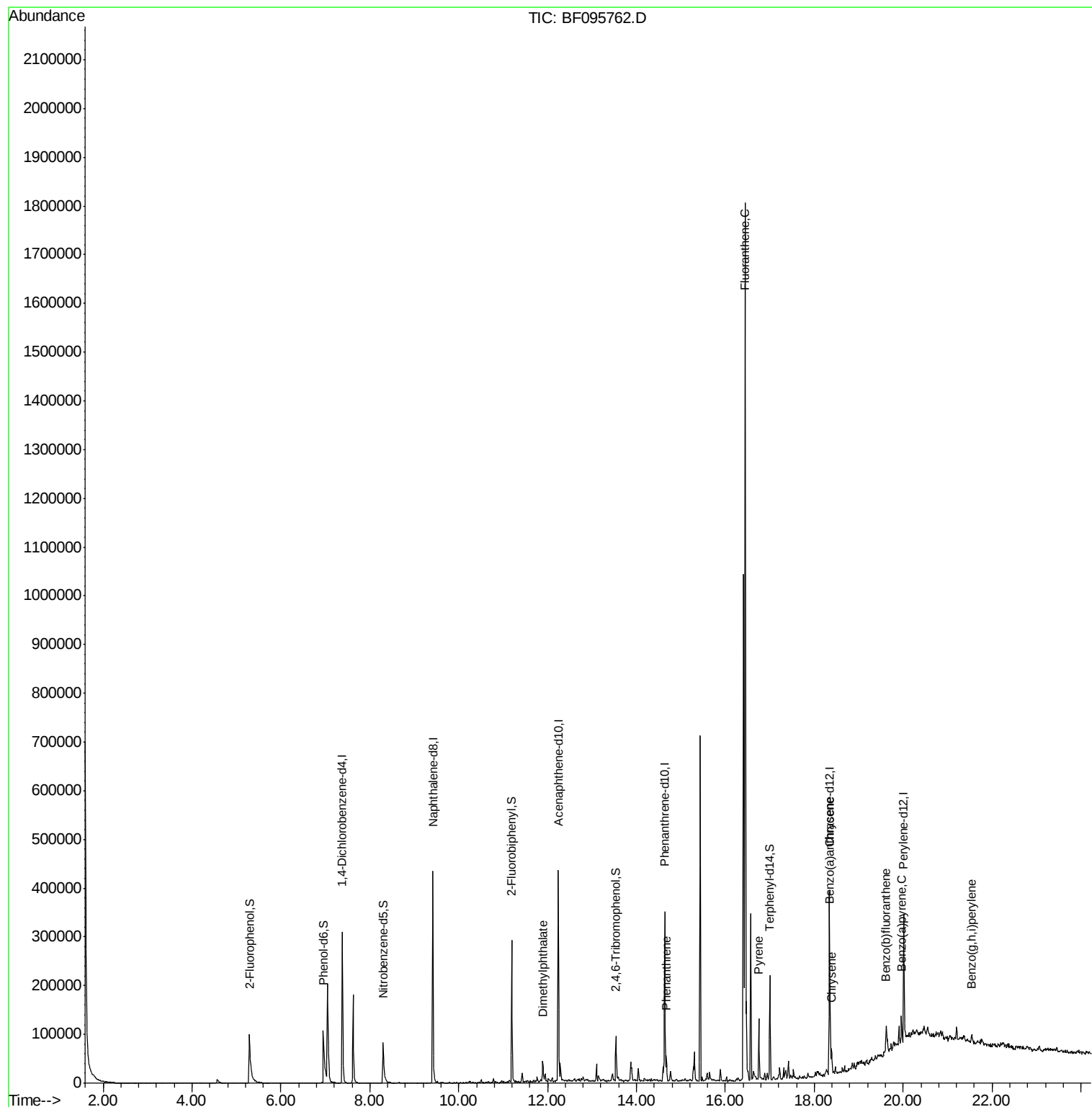
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095762.D
Acq On : 7 Jun 2017 23:47
Operator : SJ/MA
Sample : I3488-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

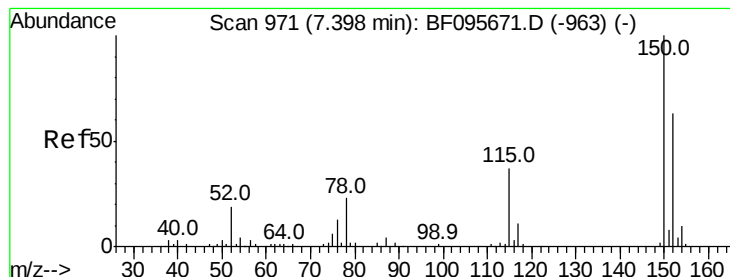
Instrument :
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ClientSampleId :
TR-04-060517-C

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#1

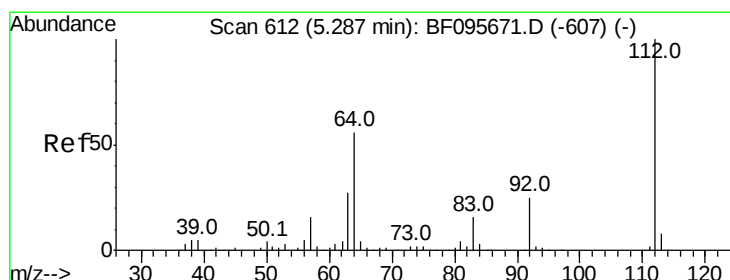
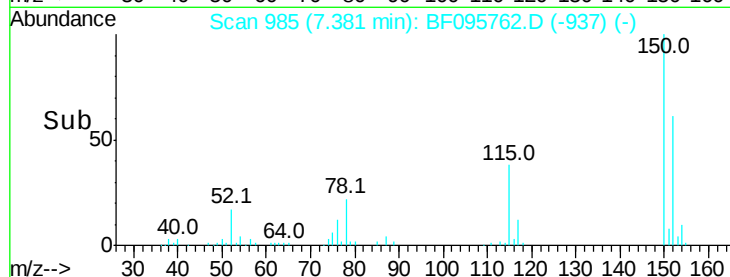
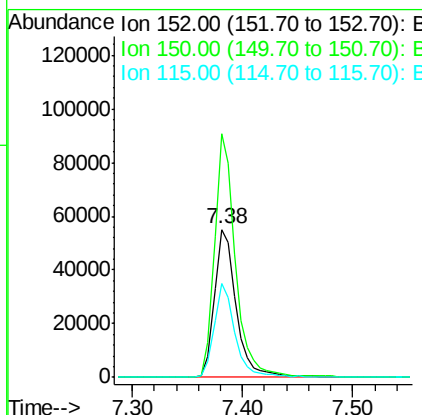
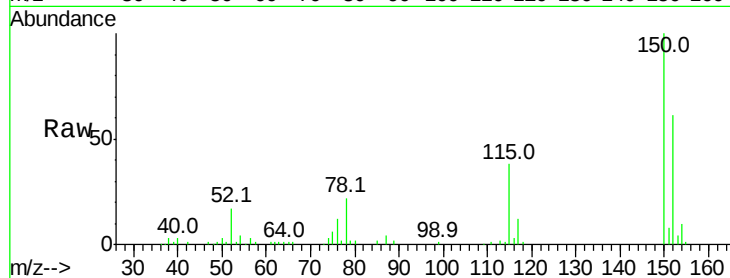
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	126.2	189.2
115	62.9	52.2	78.2

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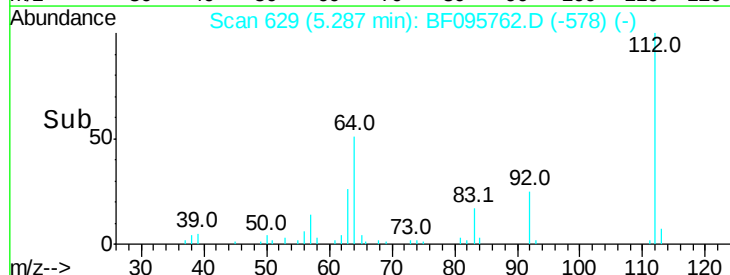
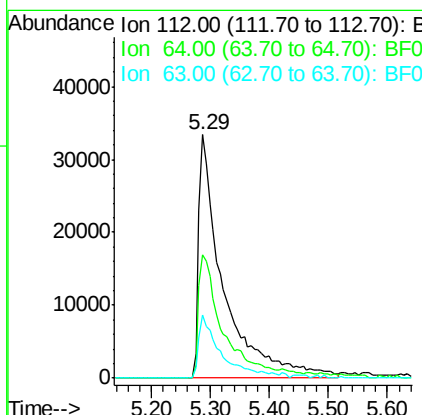
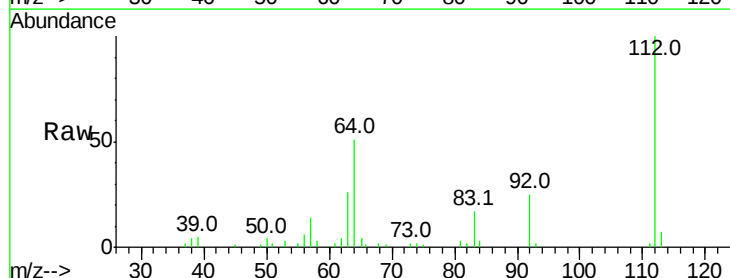
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#5

2-Fluorophenol
Concen: 20.68 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	46.0	69.0
63	25.7	23.4	35.0





#7

Phenol-d6

Concen: 20.03 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Instrument :

BNA_F

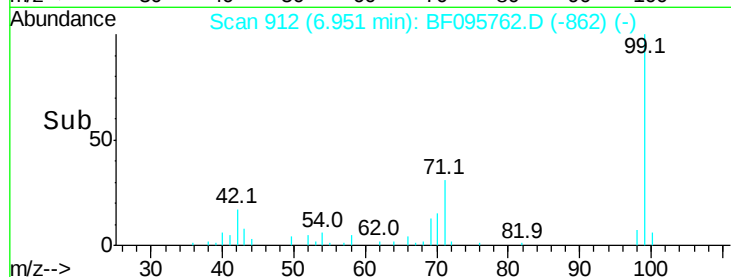
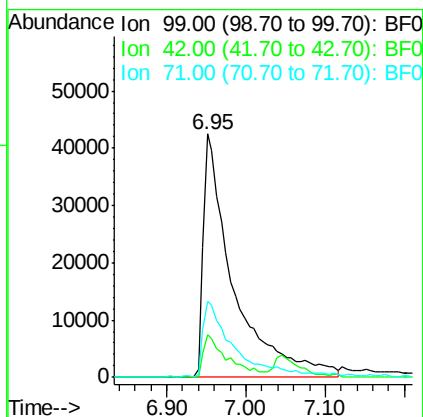
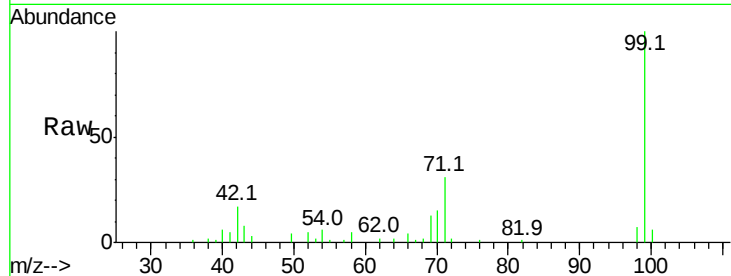
ClientSampleId :

TR-04-060517-C

Tot Ion:	99	Resp:	112688
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.5	20.3
71	31.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

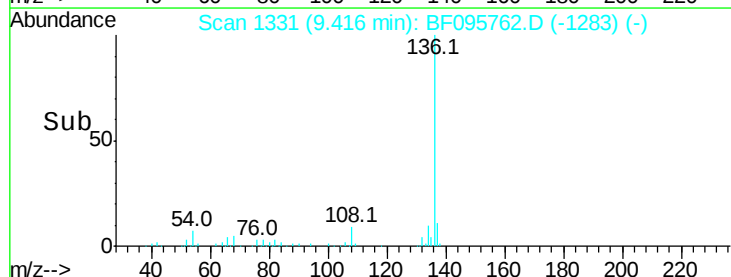
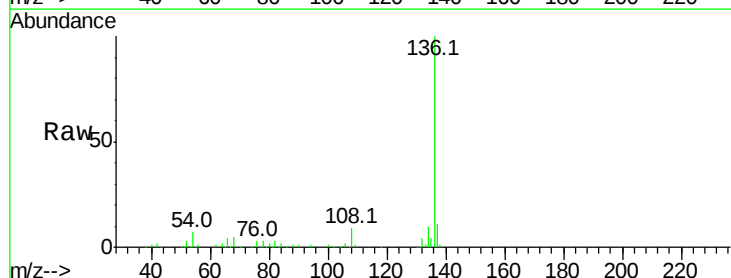
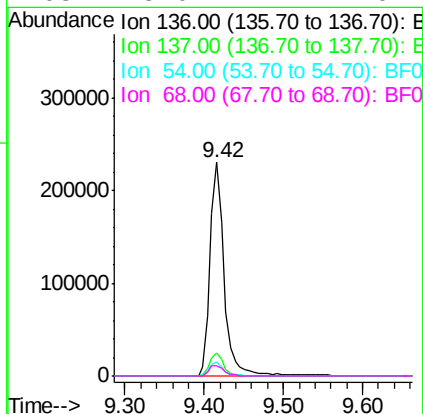
RT: 9.42 min Scan# 1331

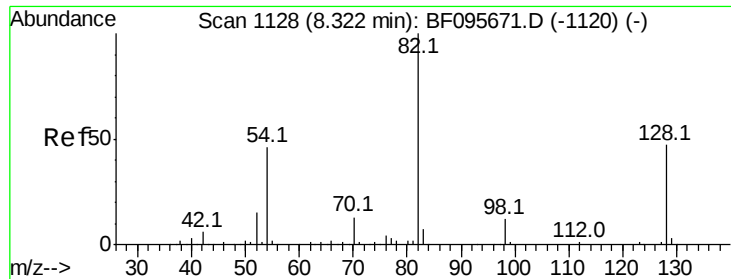
Delta R.T. -0.02 min

Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Tgt Ion:	136	Resp:	286853
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.6	4.9	7.3
68	5.0	4.1	6.1





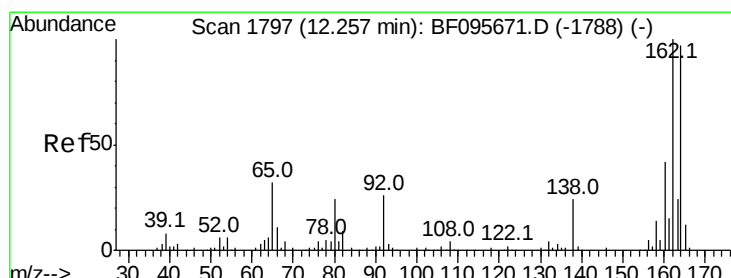
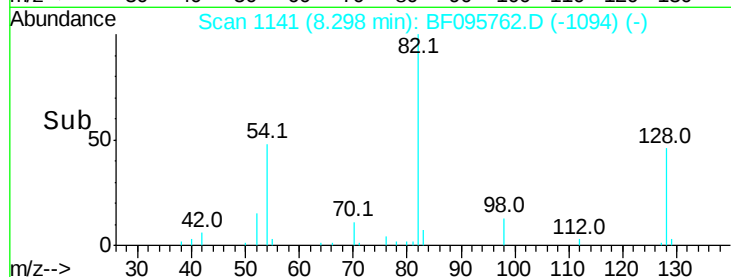
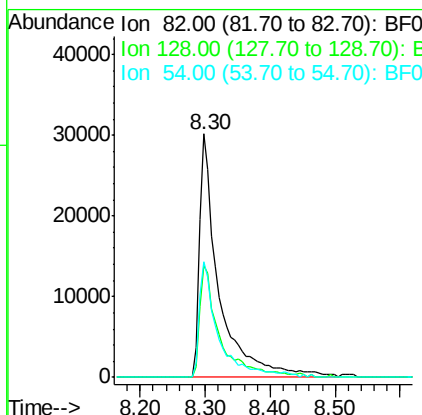
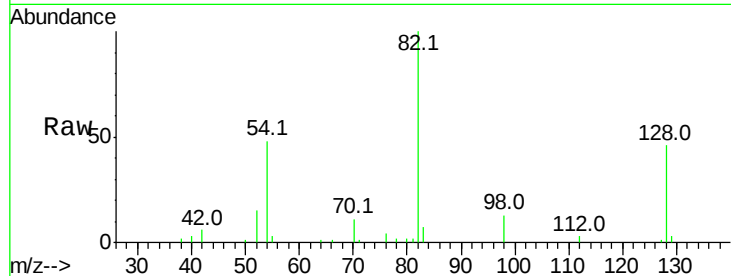
#23
Nitrobenzene-d5
Concen: 13.60 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	47.7	42.2	63.2

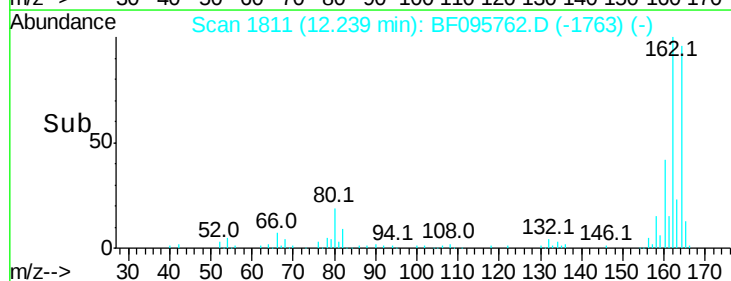
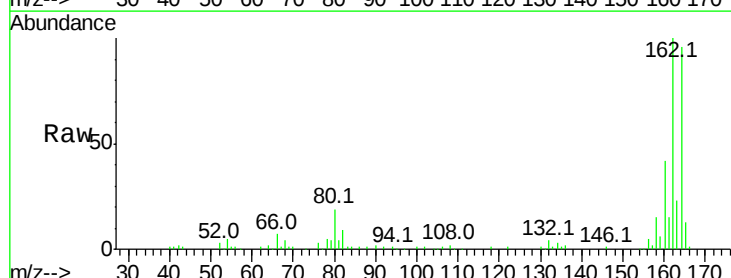
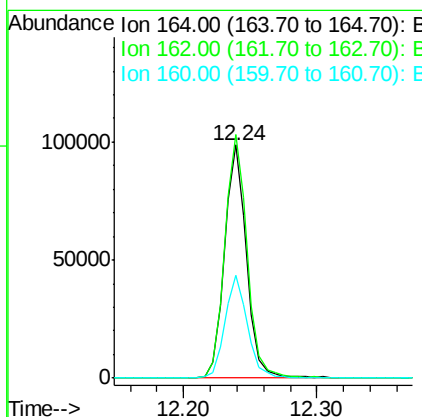
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	44.4	36.2	54.2





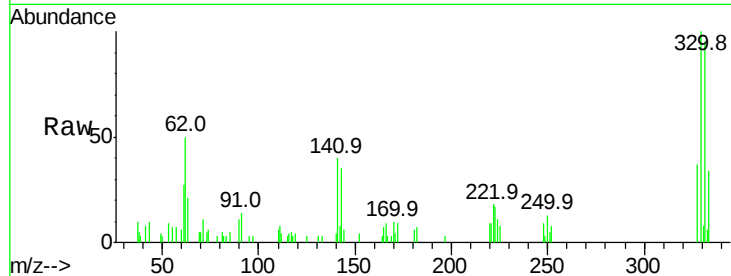
#41
 2,4,6-Tribromophenol
 Concen: 17.40 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095762.D
 Acq: 7 Jun 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-C

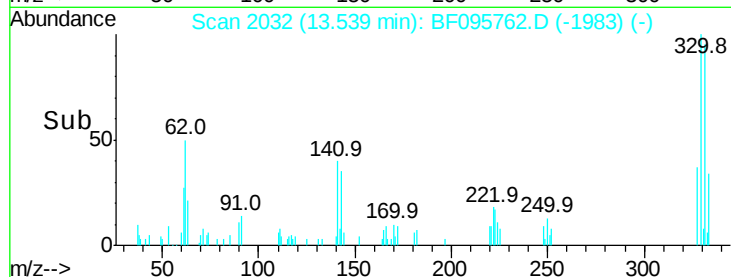
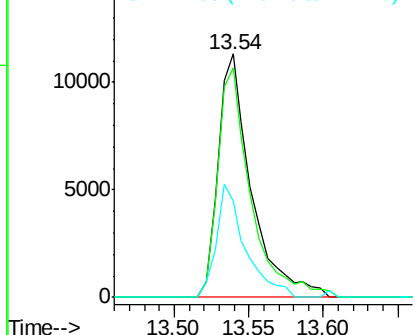
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	40.3	31.4	47.2

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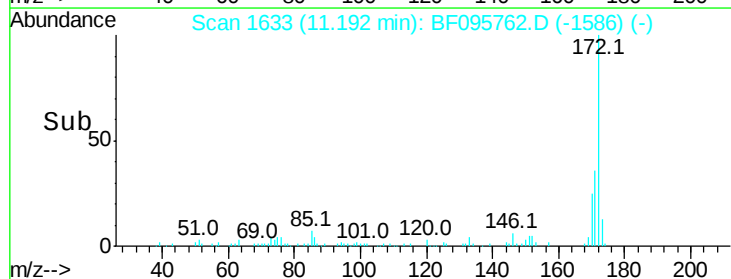
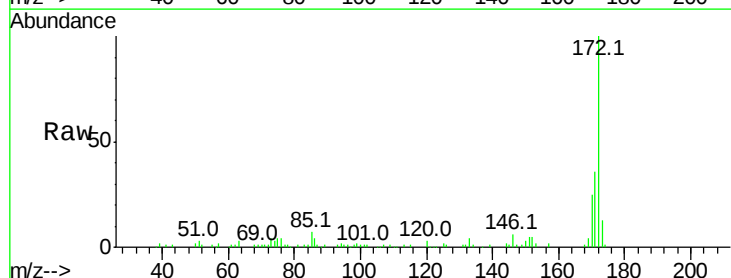
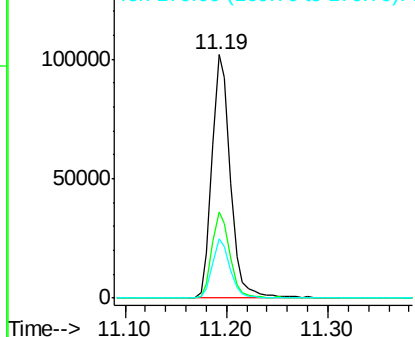
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 15.78 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095762.D
 Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.5	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





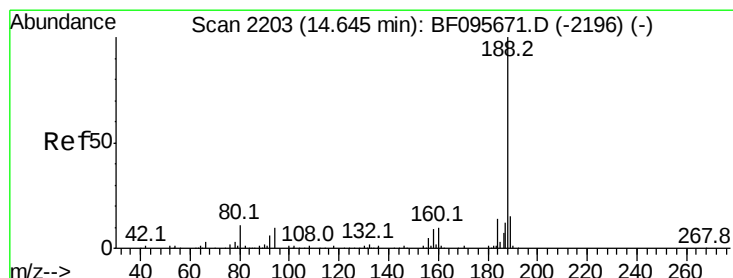
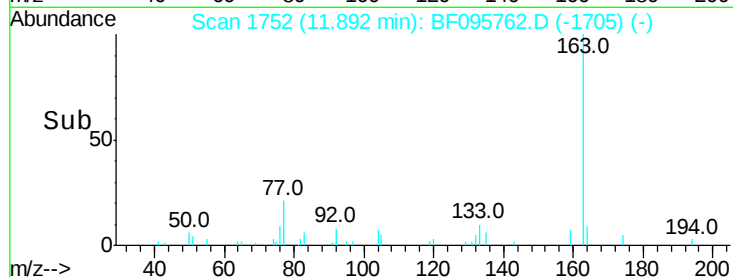
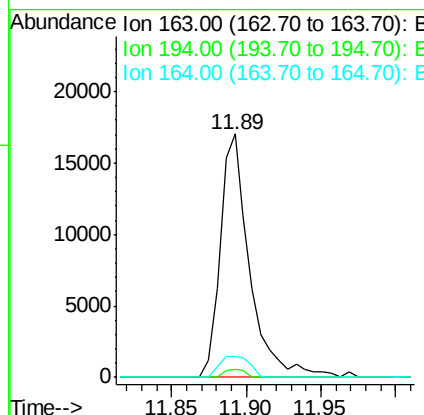
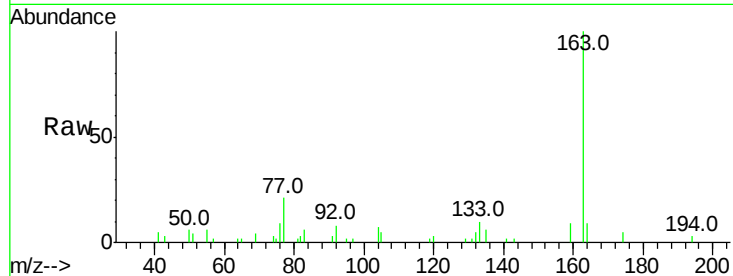
#49
Dimethylphthalate
Concen: 2.71 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	8.6	8.4	12.6

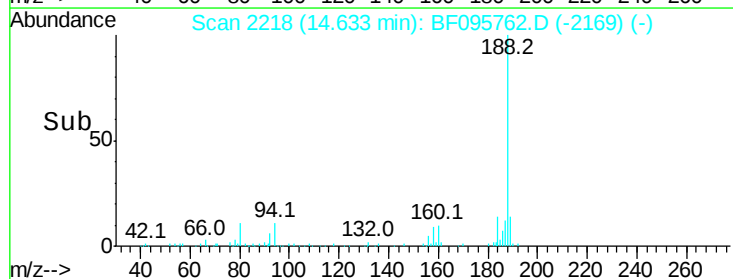
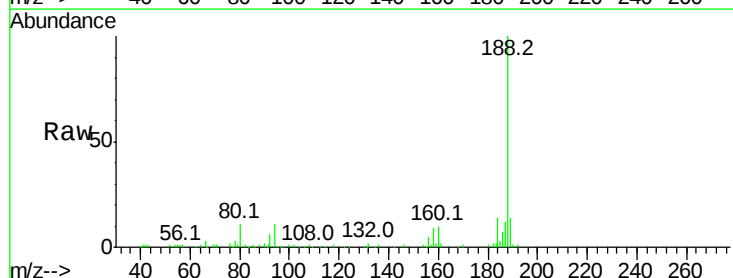
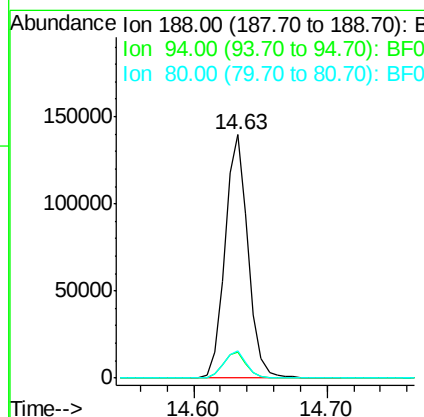
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.0	10.2	15.2





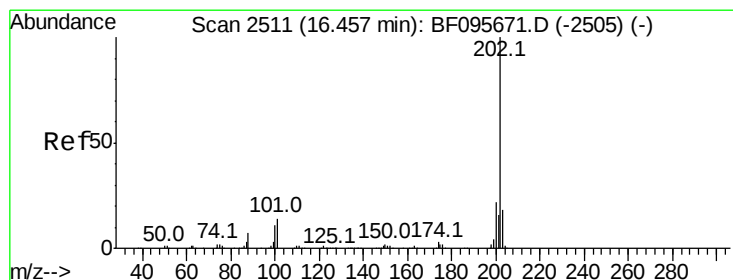
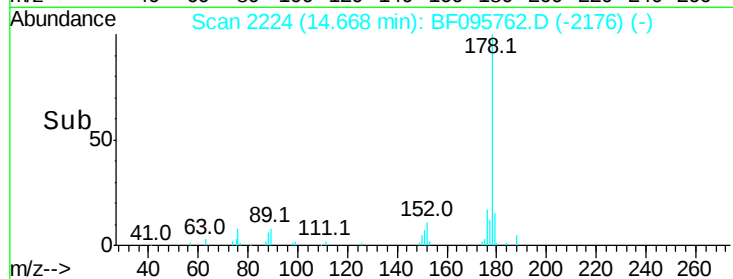
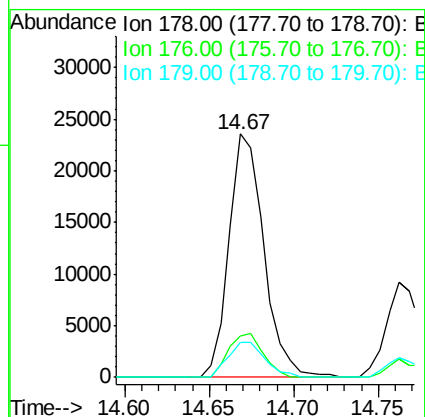
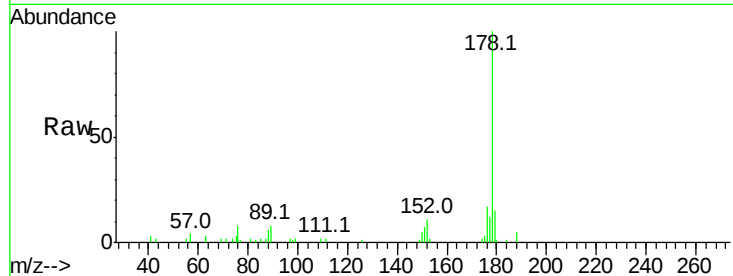
#70
Phenanthrene
Concen: 3.47 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Instrument :
BNA_F
ClientSampleId :
TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.2	24.4
179	14.6	12.6	19.0

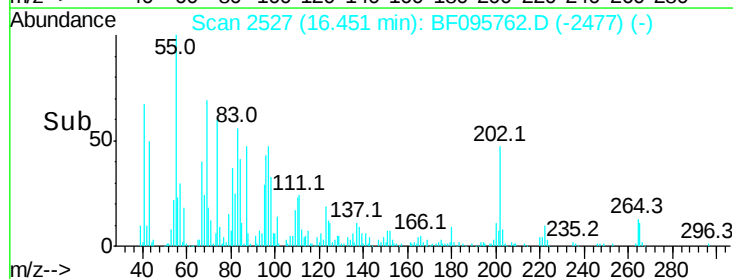
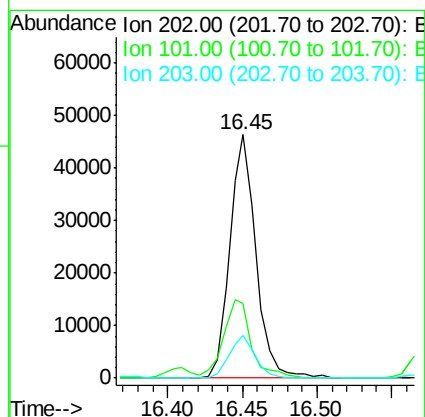
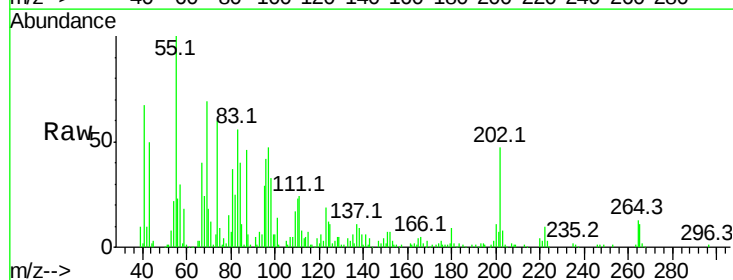
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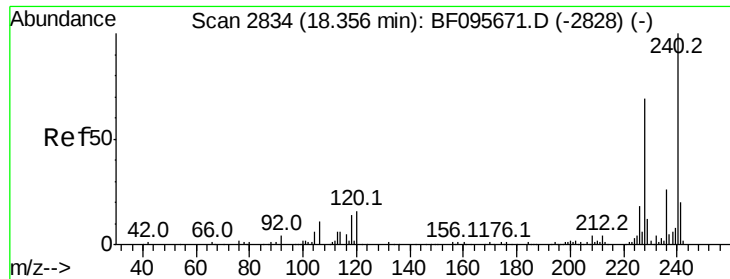
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#74
Fluoranthene
Concen: 5.88 ng
RT: 16.45 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095762.D
Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	30.6	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Instrument :

BNA_F

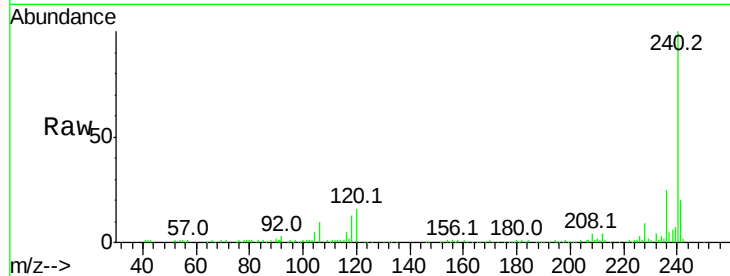
ClientSampleId :

TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	24.8	20.5	30.7

Manual Integrations
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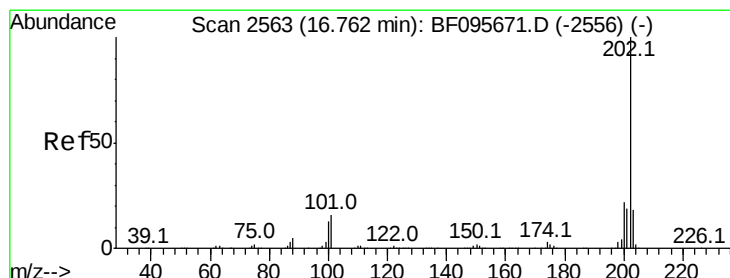
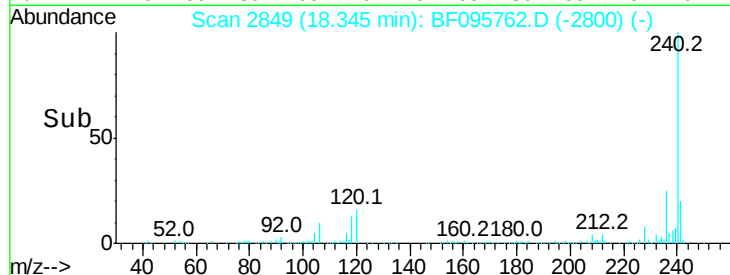
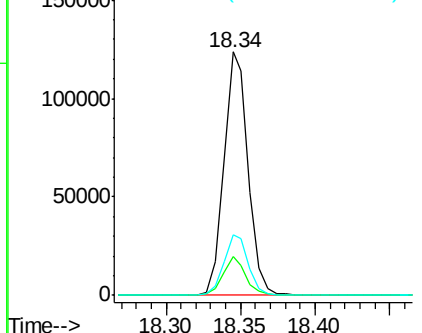
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.13 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095762.D

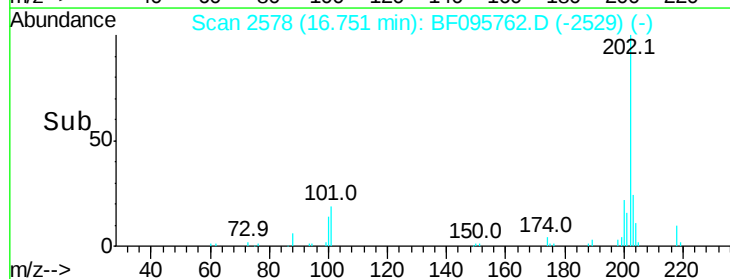
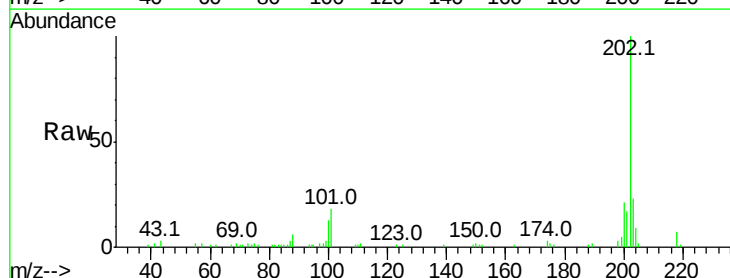
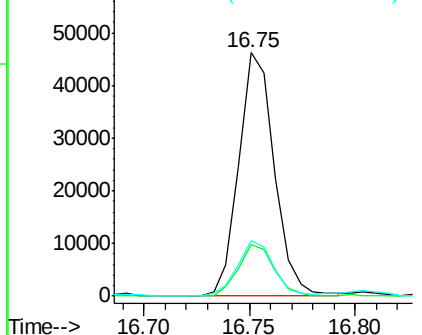
Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	22.7	14.4	21.6#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





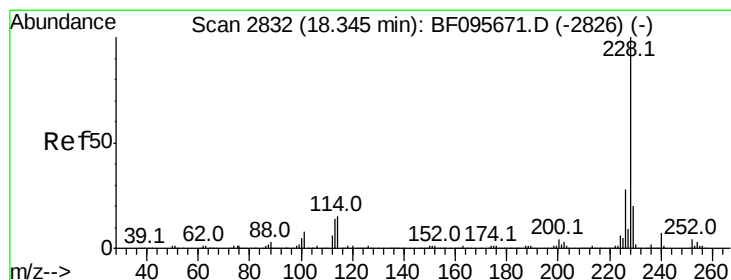
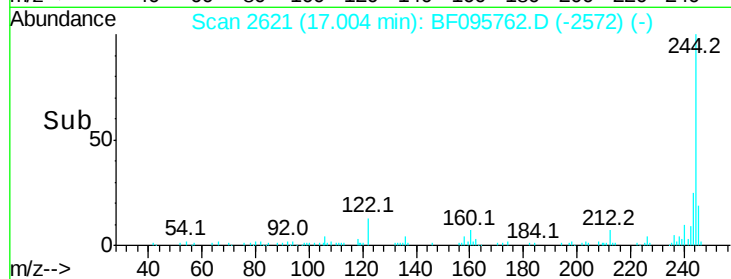
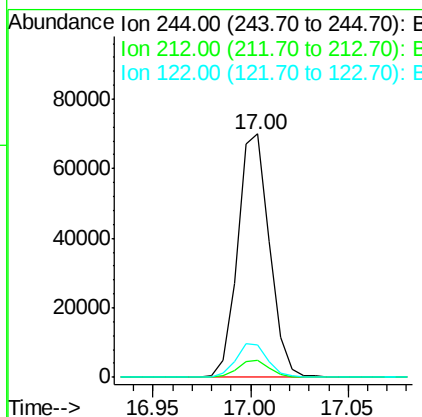
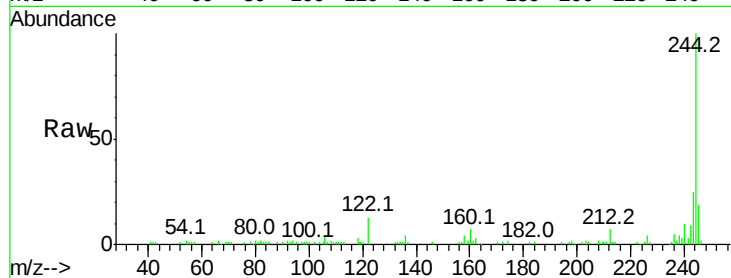
#78
 Terphenyl-d14
 Concen: 13.87 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095762.D
 Acq: 7 Jun 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5

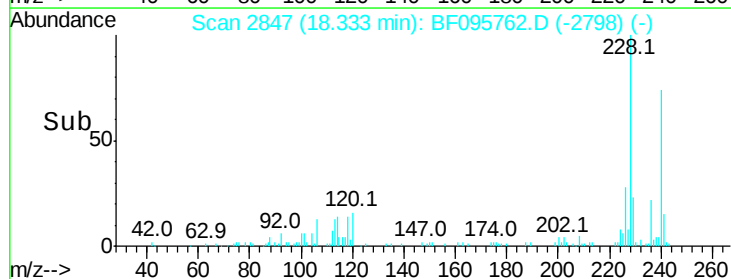
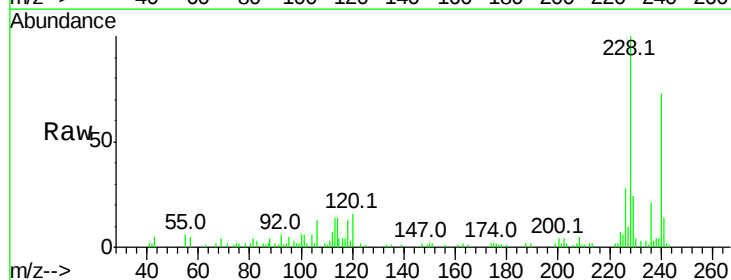
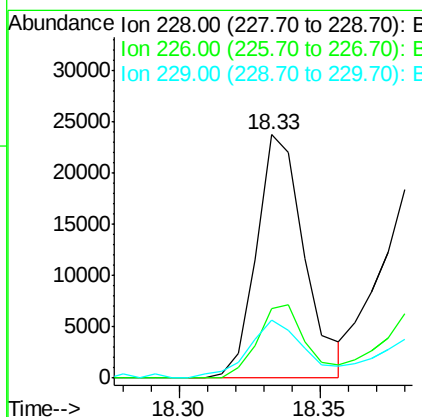
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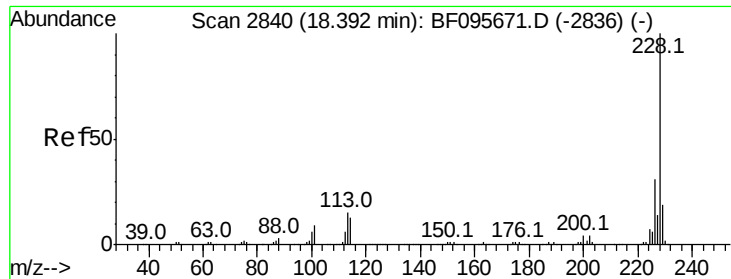
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#80
 Benzo(a)anthracene
 Concen: 3.42 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095762.D
 Acq: 7 Jun 2017 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	23.8	16.3	24.5





#82

Chrysene

Concen: 3.27 ng

RT: 18.38 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Instrument :

BNA_F

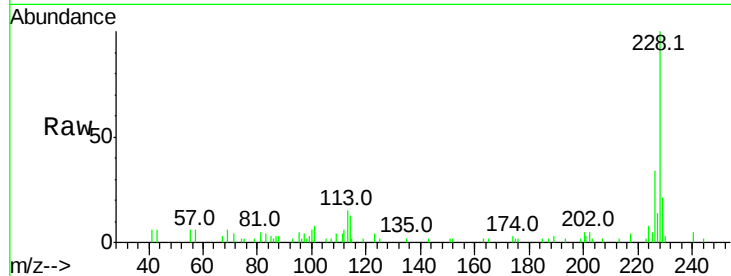
ClientSampleId :

TR-04-060517-C

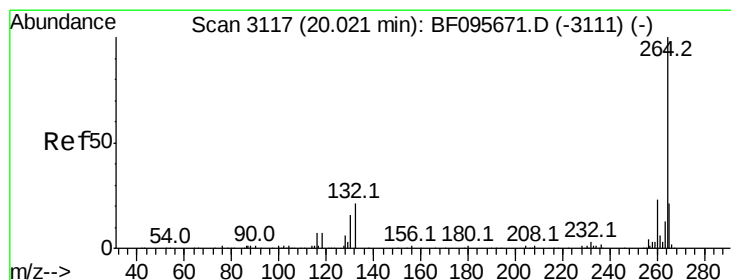
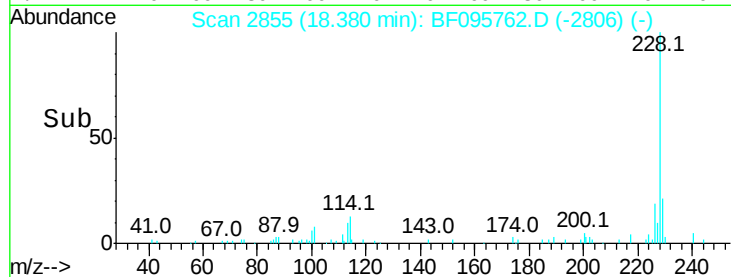
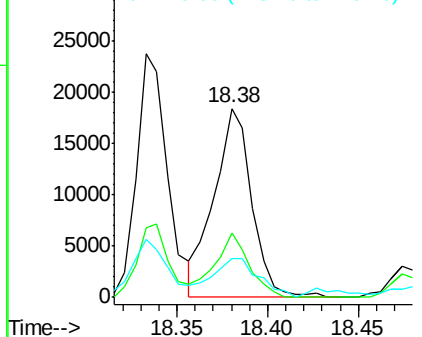
Tot Ion:	228	Resp:	26743
Ion Ratio	Lower	Upper	
228	100		
226	34.3	24.9	37.3
229	20.8	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.02 min Scan# 3133

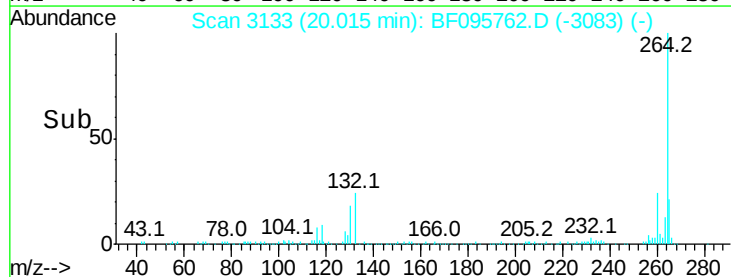
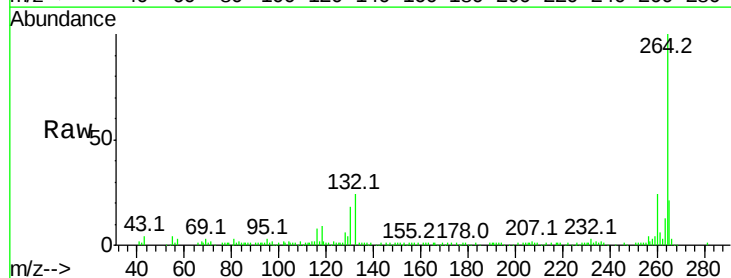
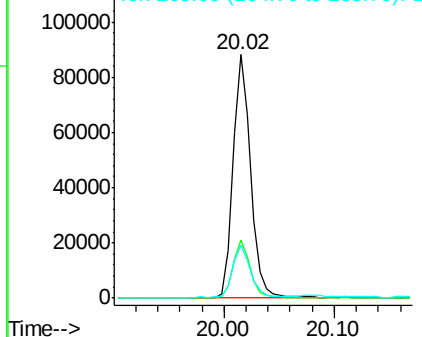
Delta R.T. -0.01 min

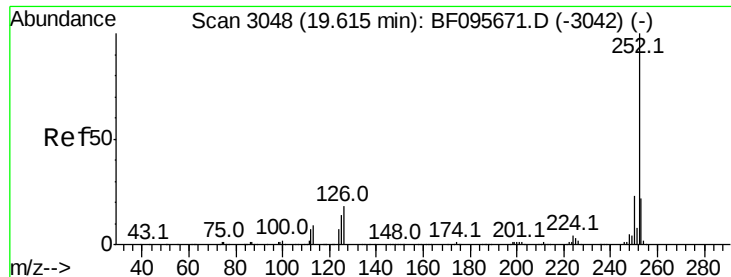
Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Tgt Ion:	264	Resp:	99258
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.69 ng

RT: 19.62 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Instrument :

BNA_F

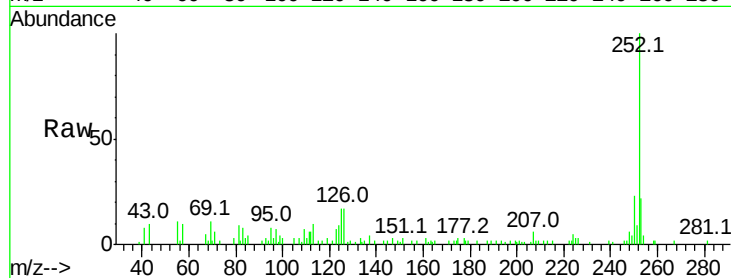
ClientSampleId :

TR-04-060517-C

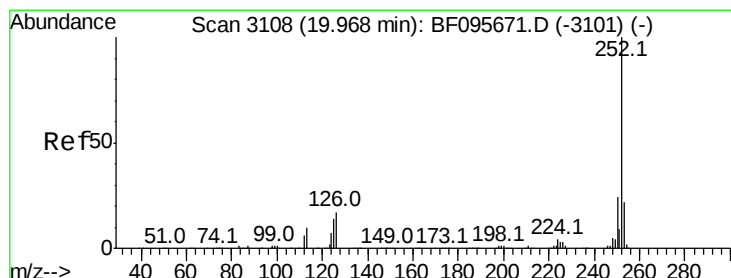
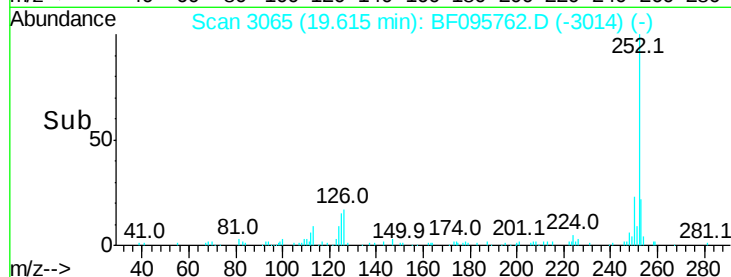
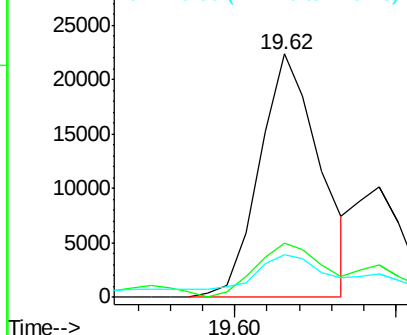
Tot Ion:	252	Resp:	29121
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	17.5	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 3.66 ng

RT: 19.96 min Scan# 3124

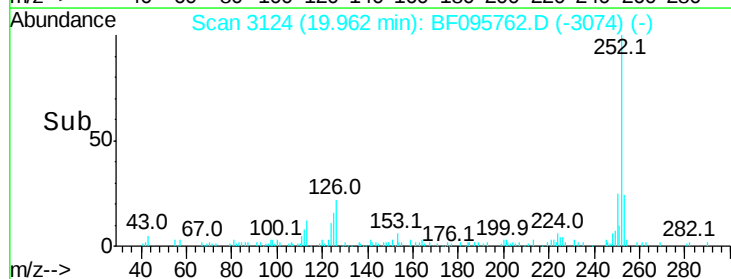
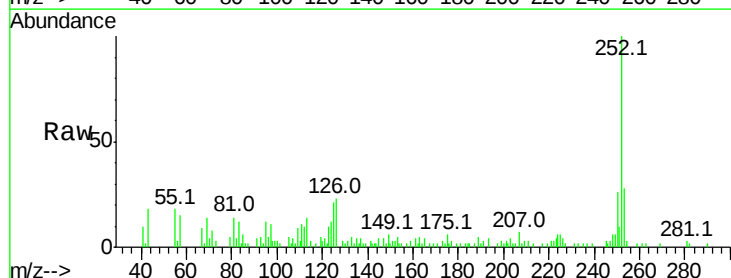
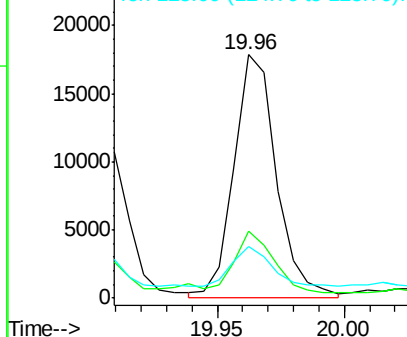
Delta R.T. -0.01 min

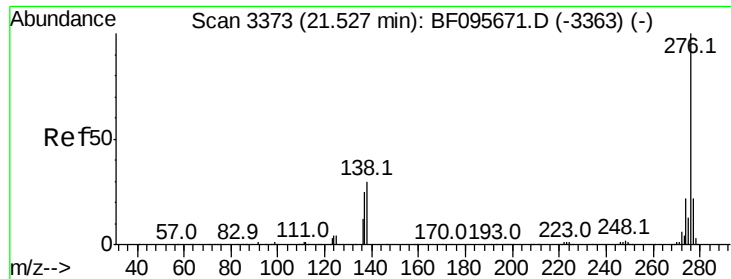
Lab File: BF095762.D

Acq: 7 Jun 2017 23:47

Tgt Ion:	252	Resp:	20921
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.5	26.3#
125	21.0	11.0	16.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.19 ng
 RT: 21.54 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: BF095762.D
 Acq: 7 Jun 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-060517-C

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	34.5	25.4	38.0

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