

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085862.D
 Acq On : 29 Mar 2016 21:29
 Operator : UM/SJ
 Sample : H1970-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Mar 30 01:35:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114282	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	449377	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	194504	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	341704	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	215935	20.00	ng	-0.01
86) Perylene-d12	15.39	264	229586	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	960507	139.97	ng	0.00
7) Phenol-d6	6.45	99	1096487	125.68	ng	-0.01
23) Nitrobenzene-d5	7.37	82	688278	86.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	227980	123.37	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	871565	74.87	ng	-0.02
78) Terphenyl-d14	12.92	244	534102	50.87	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	249558	16.91	ng	99
70) Phenanthrene	11.35	178	40990	2.34	ng	98
73) Di-n-butylphthalate	11.90	149	876859	41.32	ng	# 98
74) Fluoranthene	12.54	202	63707	3.42	ng	90
77) Pyrene	12.77	202	56860	3.20	ng	99
82) Chrysene	13.99	228	29949m	2.41	ng	
83) Bis(2-ethylhexyl)phthalate	13.95	149	142024	15.96	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.76	276	85330	8.91	ng	93
87) Benzo(b)fluoranthene	14.97	252	97023m	6.71	ng	
88) Benzo(k)fluoranthene	14.99	252	43555m	3.34	ng	
89) Benzo(a)pyrene	15.32	252	52975	4.13	ng	# 93
91) Benzo(g,h,i)perylene	17.17	276	90827	7.52	ng	99

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

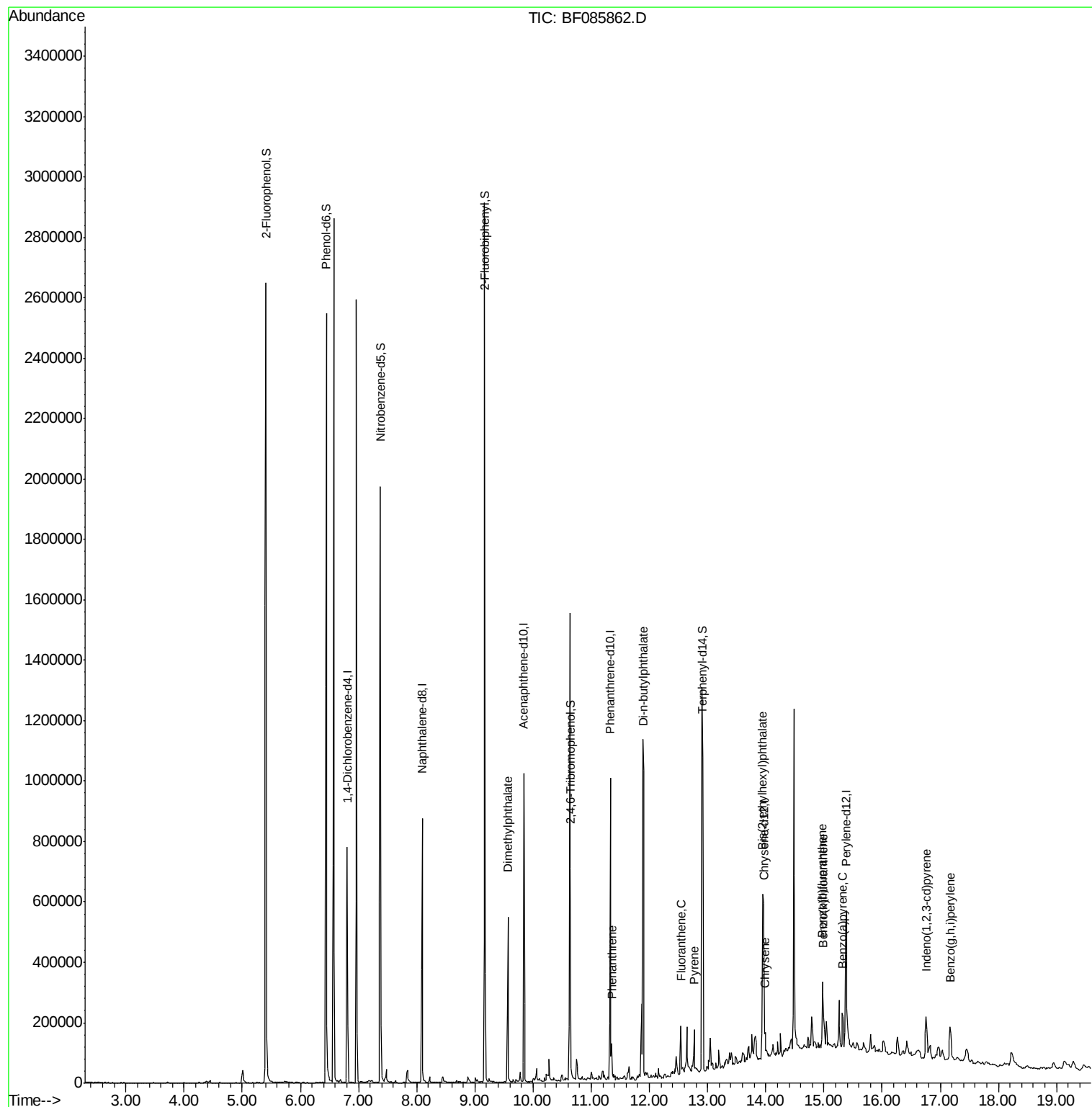
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

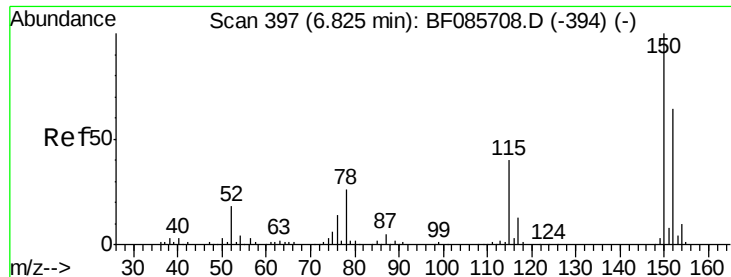
Instrument :
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TP-3

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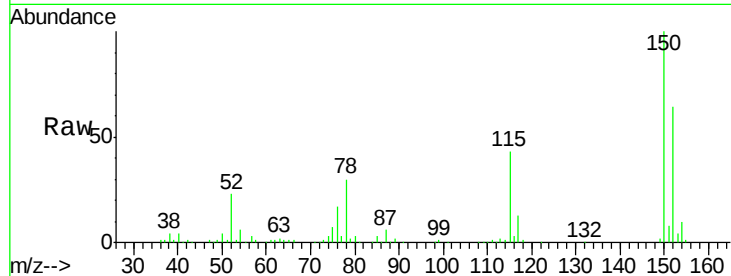




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085862.D
Acq: 29 Mar 2016 21:29

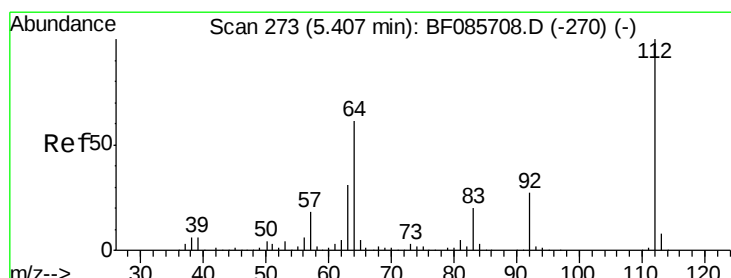
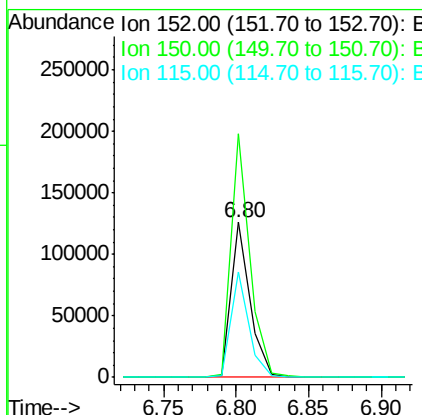
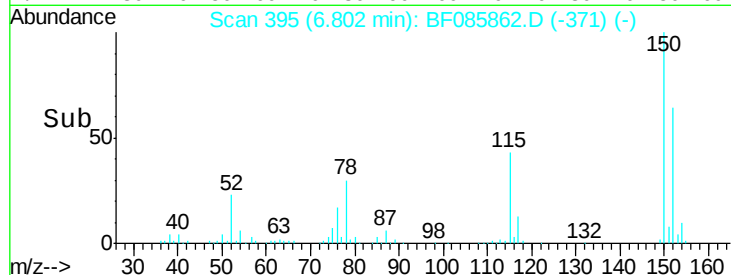
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	67.8	47.0	70.6

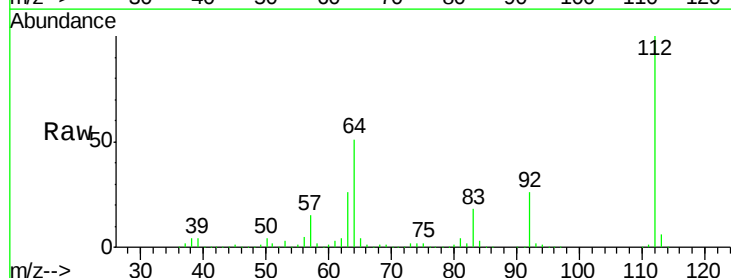
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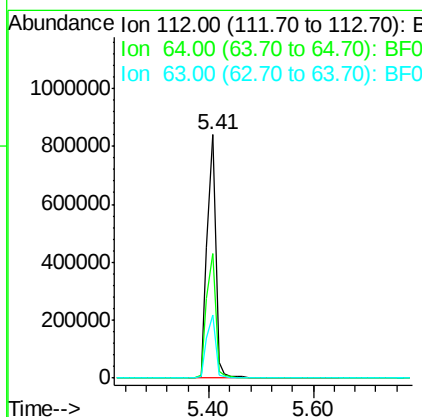
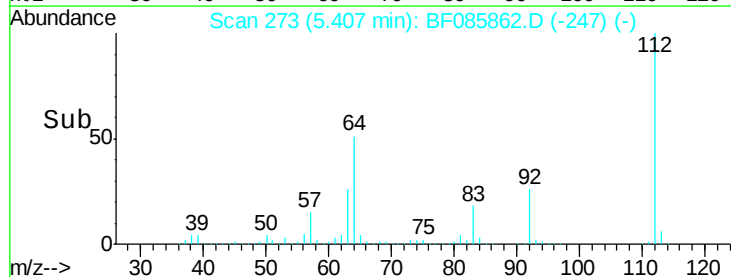


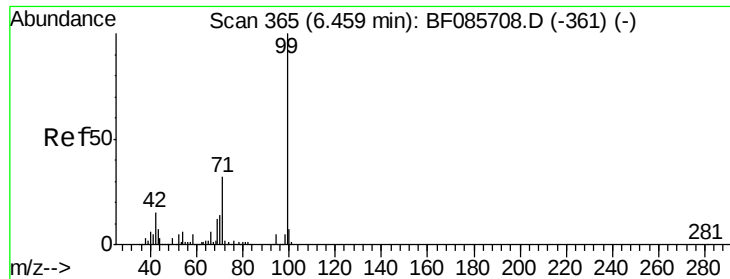
#5

2-Fluorophenol
Concen: 139.97 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085862.D
Acq: 29 Mar 2016 21:29



Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.9	59.9
63	26.1	20.2	30.2





#7

Phenol-d6

Concen: 125.68 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion: 99 Resp: 1096487

Ion Ratio Lower Upper

99 100

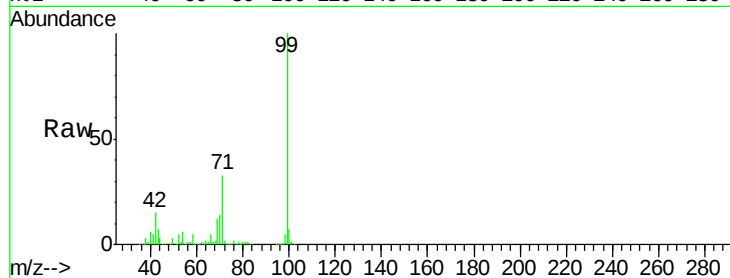
42 15.0 11.1 16.7

71 33.5 24.9 37.3

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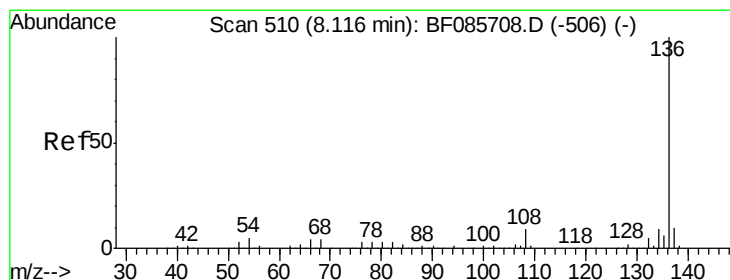
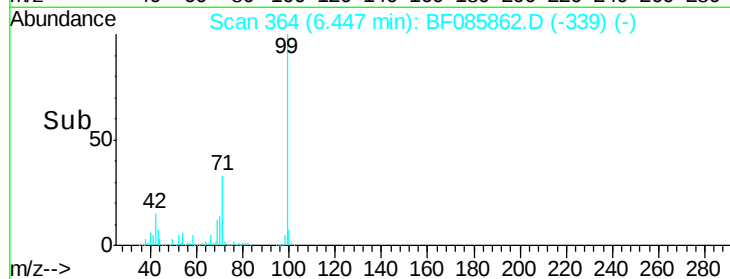
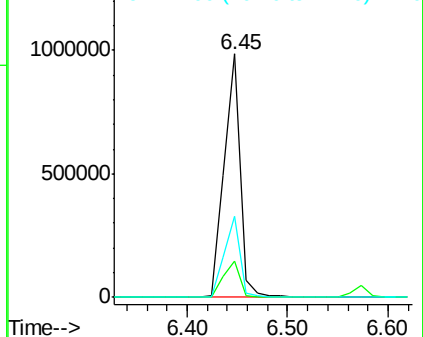
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Tgt Ion: 136 Resp: 449377

Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.4 7.4 11.0#

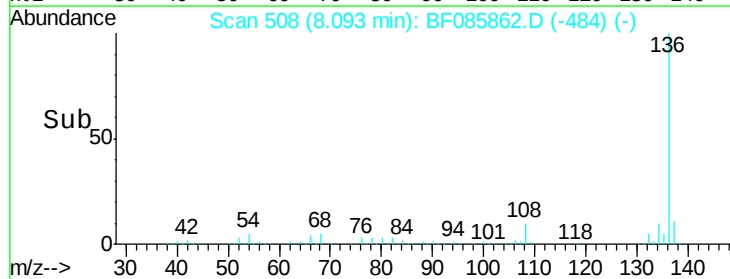
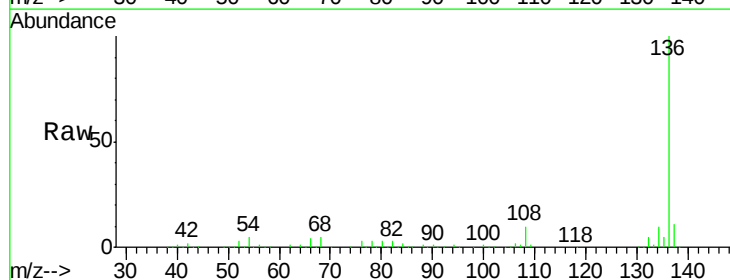
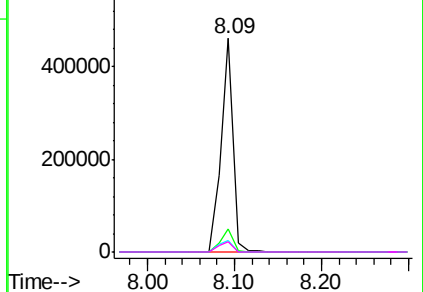
68 4.7 5.8 8.8#

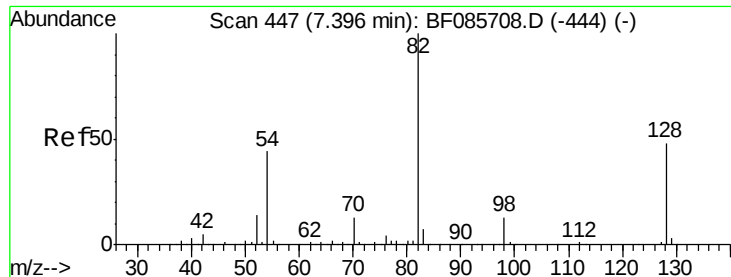
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





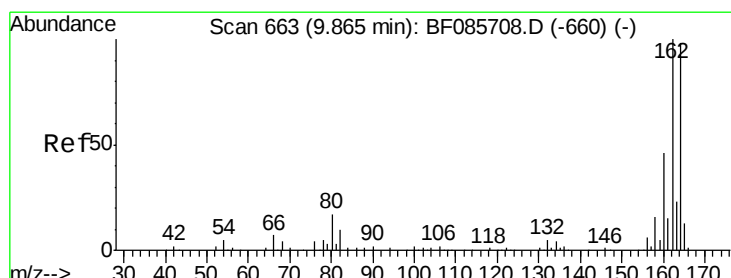
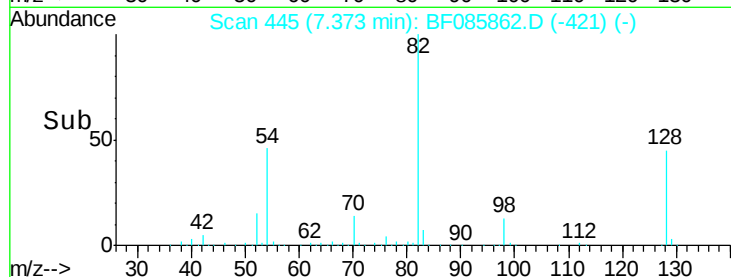
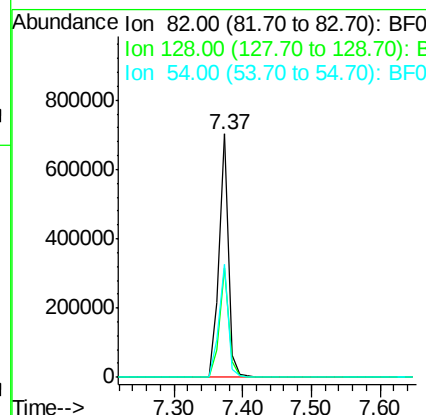
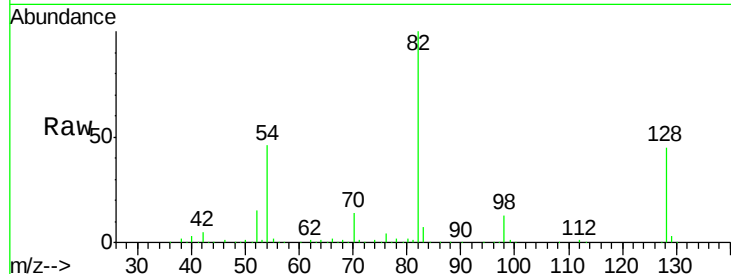
#23
 Nitrobenzene-d5
 Concen: 86.25 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tgt Ion:	82	Resp:	688278
Ion Ratio	Lower	Upper	
82	100		
128	45.1	41.8	62.8
54	46.3	33.4	50.0

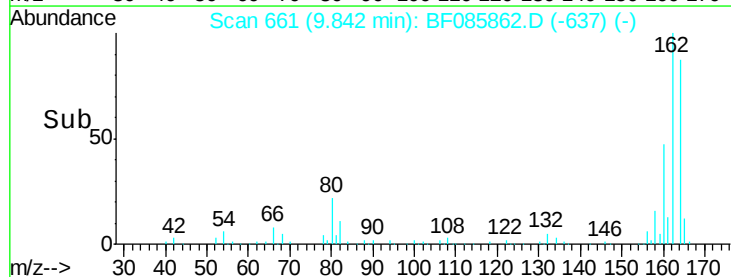
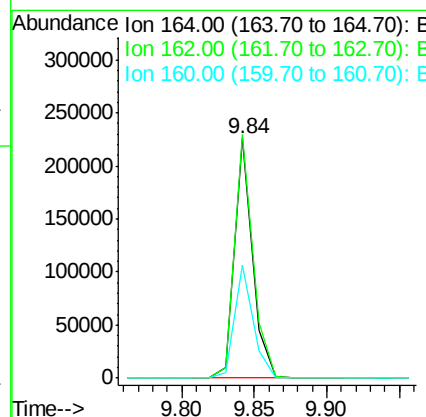
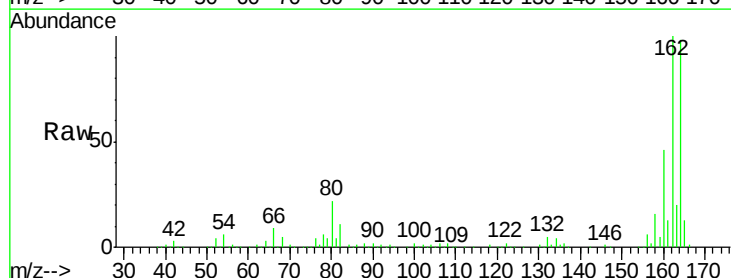
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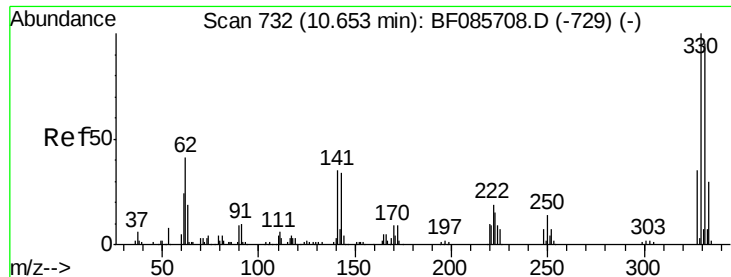
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Tgt Ion:	164	Resp:	194504
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.1	123.1
160	47.0	37.4	56.2





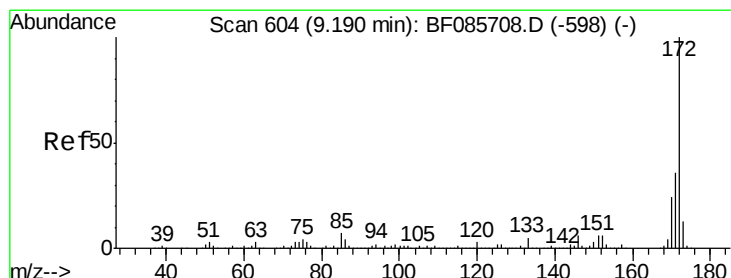
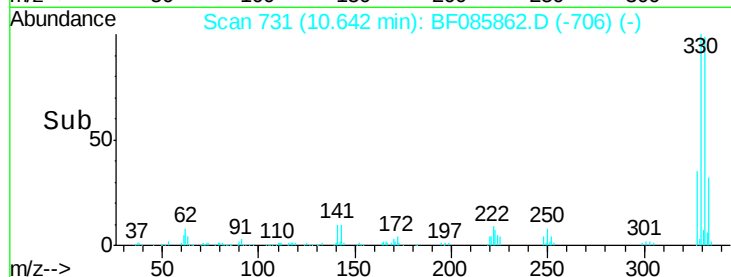
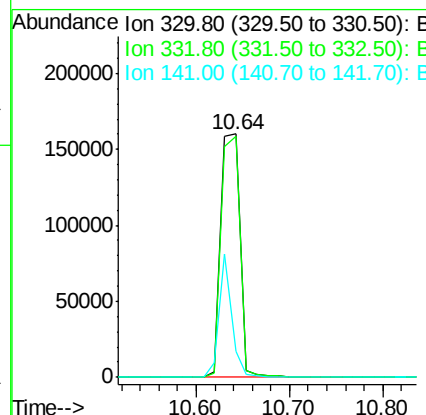
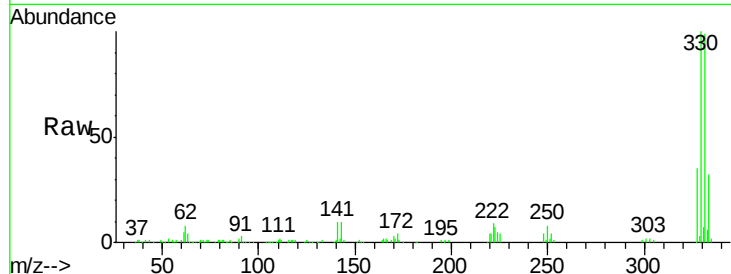
#41
 2,4,6-Tribromophenol
 Concen: 123.37 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	227980		
332	97.4	78.2	117.2	
141	33.7	31.5	47.3	

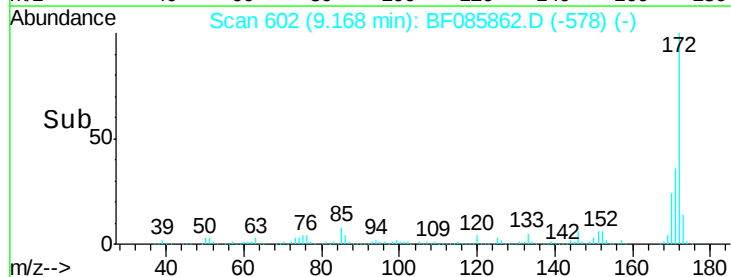
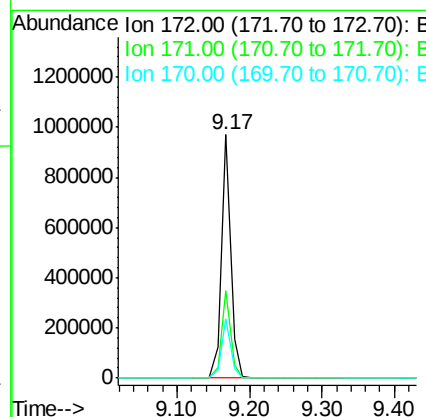
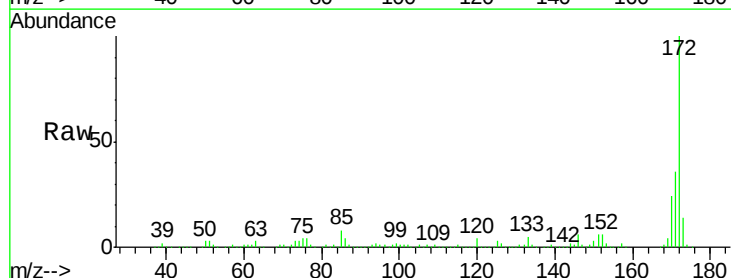
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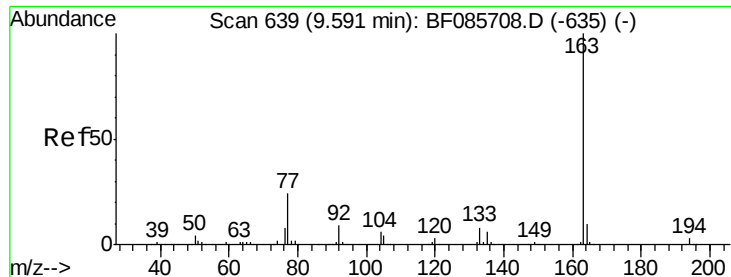
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#44
 2-Fluorobiphenyl
 Concen: 74.87 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	871565		
171	36.0	29.4	44.2	
170	24.5	19.8	29.6	





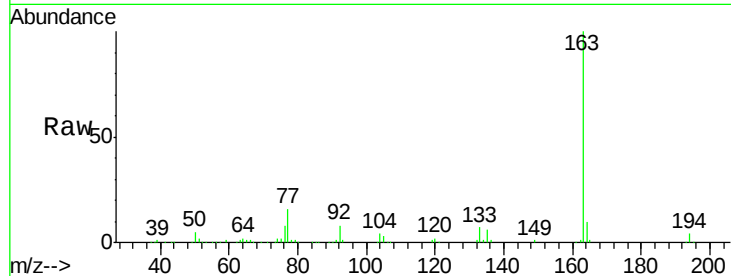
#49
Dimethylphthalate
Concen: 16.91 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085862.D
Acq: 29 Mar 2016 21:29

Instrument :
BNA_F
ClientSampleId :
TP-3

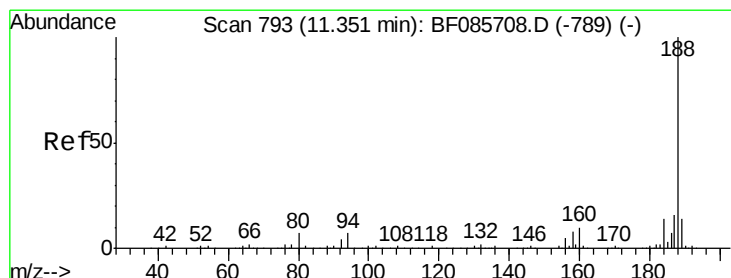
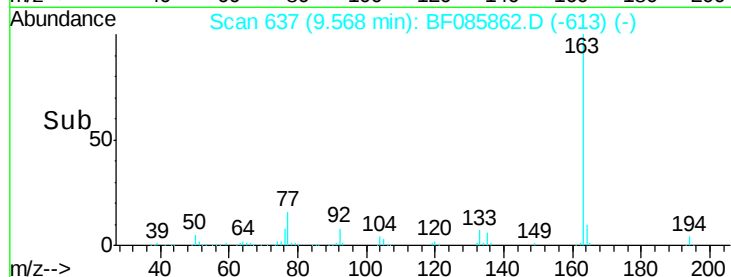
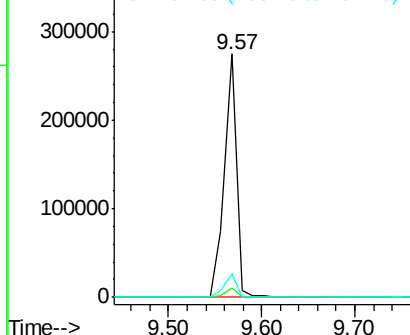
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	9.8	8.3	12.5

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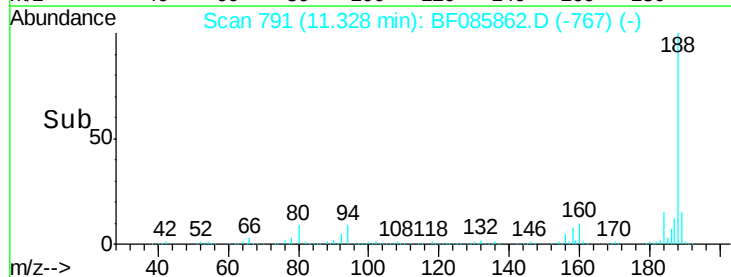
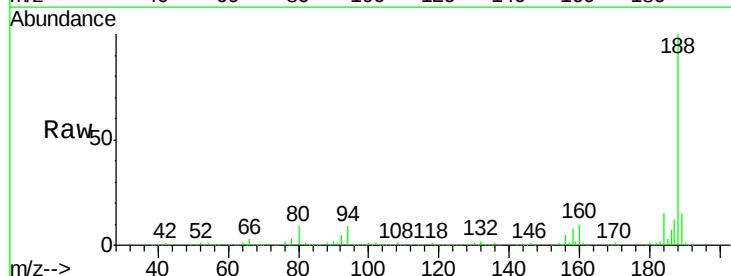
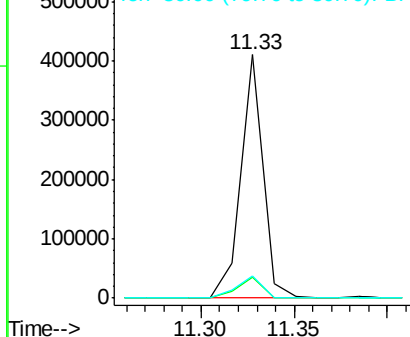
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

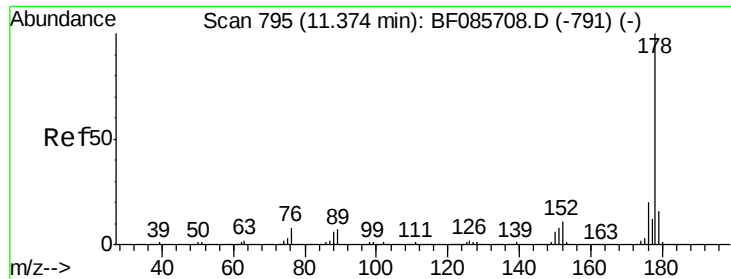


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085862.D
Acq: 29 Mar 2016 21:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	5.4	8.0#
80	9.1	5.5	8.3#

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.34 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Instrument :

BNA_F

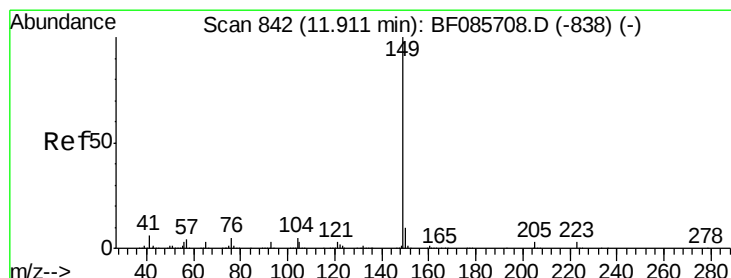
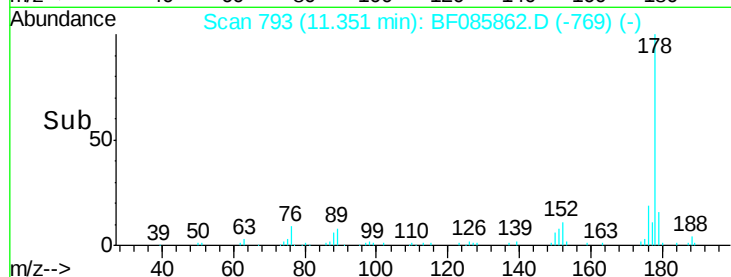
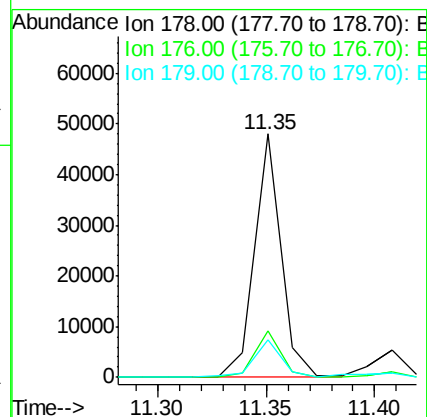
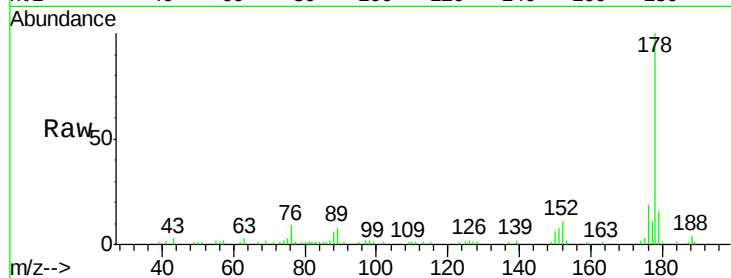
ClientSampleId :

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Tgt Ion:	178	Resp:	40990
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.3	24.5
179	15.5	12.6	18.8

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#73

Di-n-butylphthalate

Concen: 41.32 ng

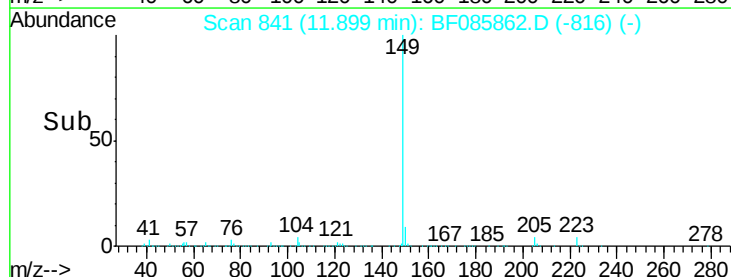
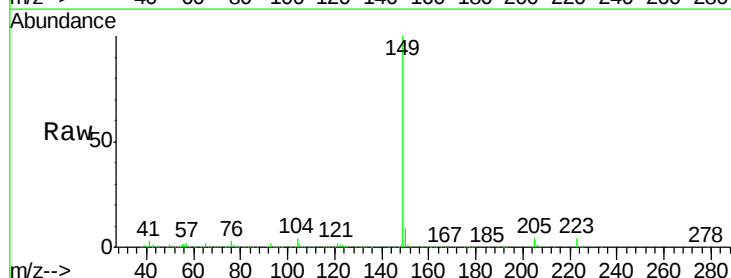
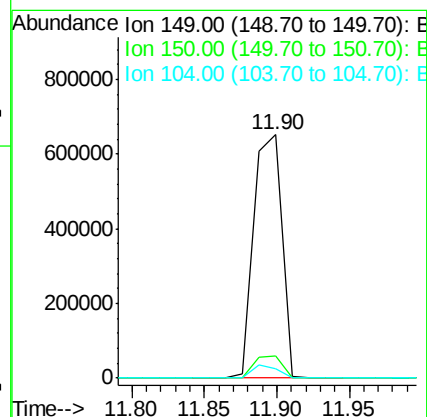
RT: 11.90 min Scan# 841

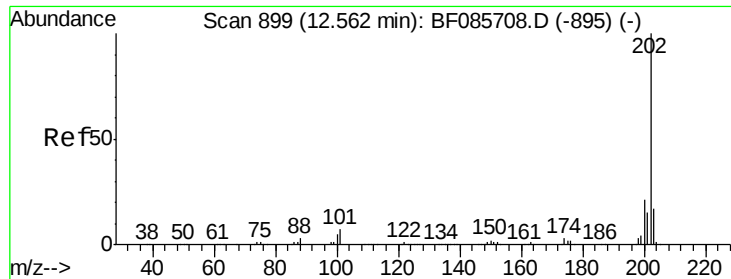
Delta R.T. -0.01 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Tgt Ion:	149	Resp:	876859
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	3.7	3.8	5.8#





#74

Fluoranthene

Concen: 3.42 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Instrument :

BNA_F

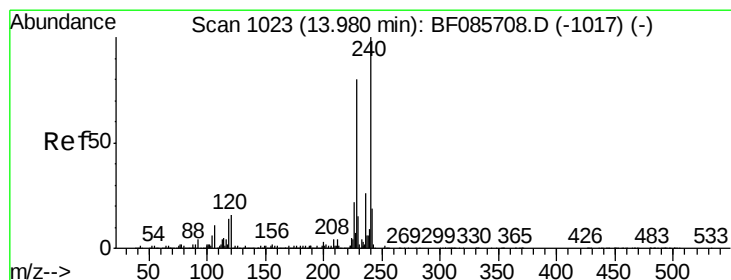
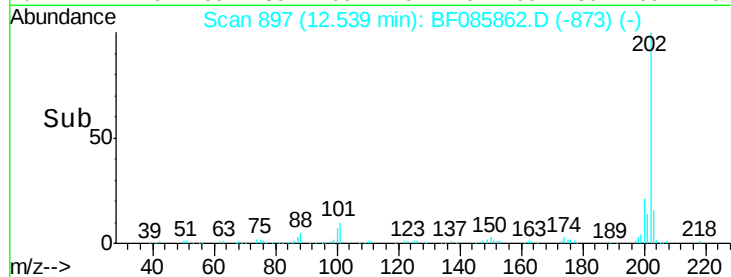
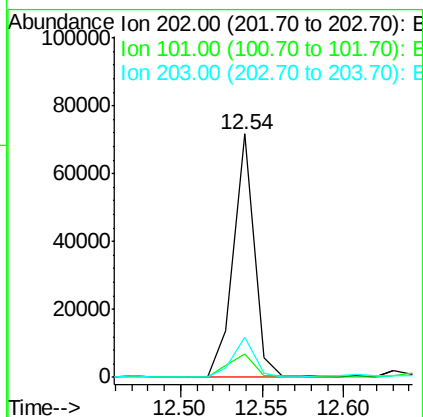
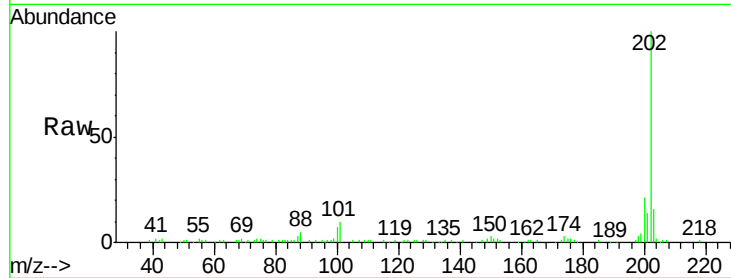
ClientSampled :

TP-3

Tgt	Ion	202	Resp:	63707
Ion	Ratio	Lower	Upper	
202	100			
101	9.6	0.0	36.6	
203	16.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

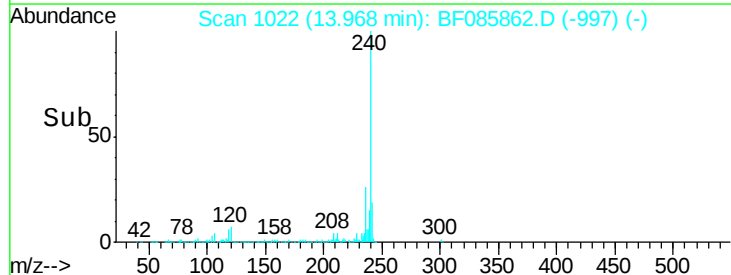
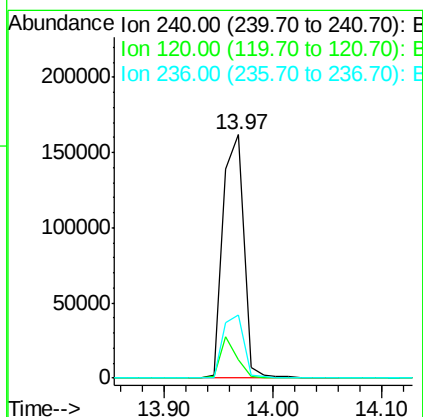
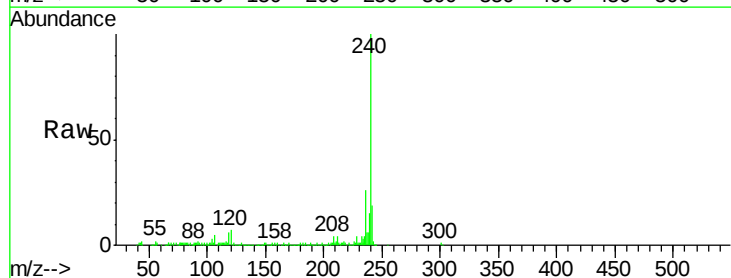
RT: 13.97 min Scan# 1022

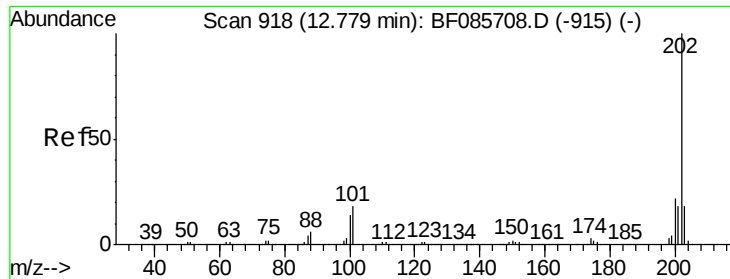
Delta R.T. -0.01 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Tgt	Ion	240	Resp:	215935
Ion	Ratio	Lower	Upper	
240	100			
120	7.4	13.8	20.8#	
236	25.7	20.6	30.8	





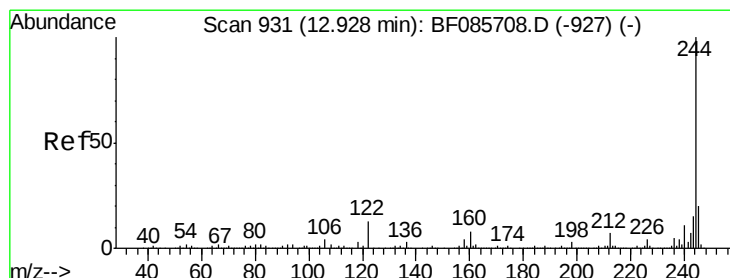
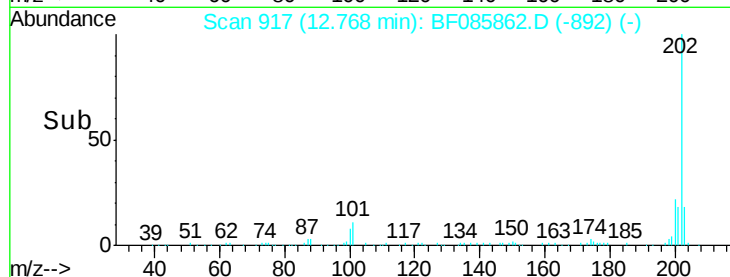
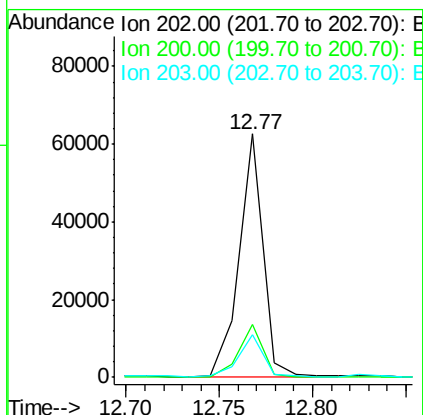
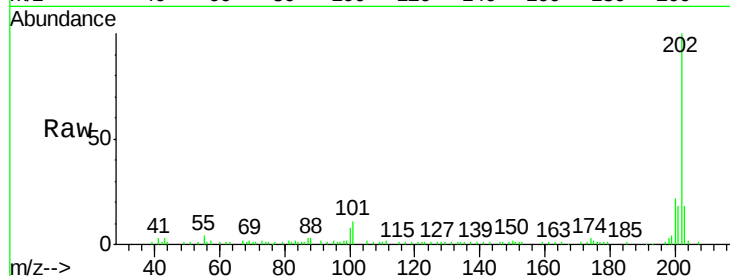
#77
 Pyrene
 Concen: 3.20 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.6	26.4
203	17.6	14.0	21.0

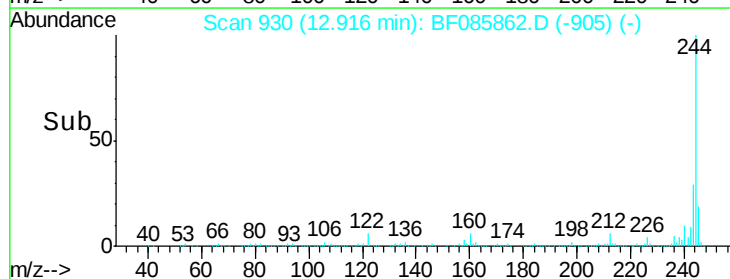
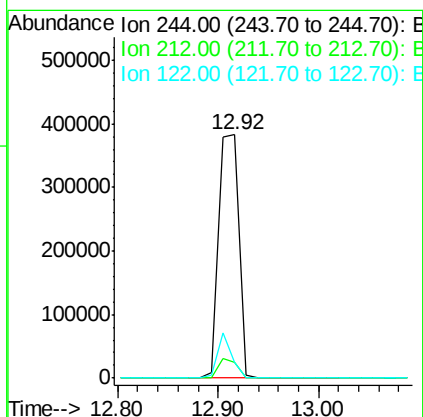
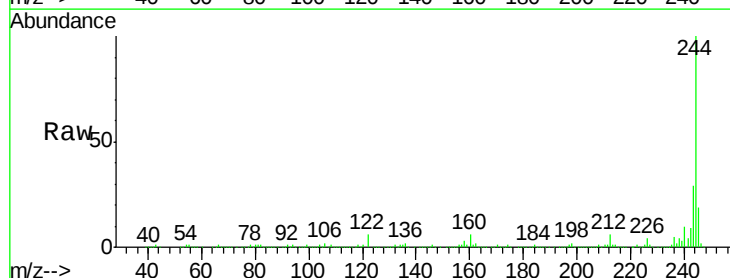
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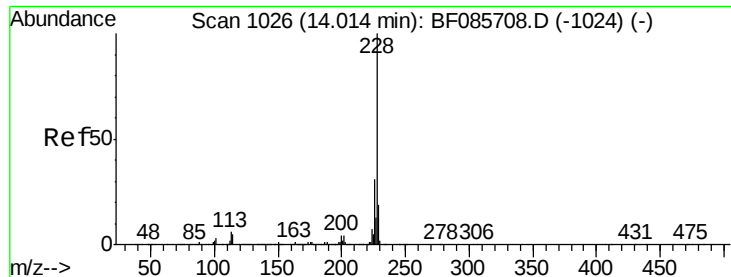
Sohil
 3/30/2016 7:05:51 PM



#78
 Terphenyl-d14
 Concen: 50.87 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	6.1	9.1
122	6.5	10.2	15.4#





#82

Chrysene

Concen: 2.41 ng m

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Instrument :

BNA_F

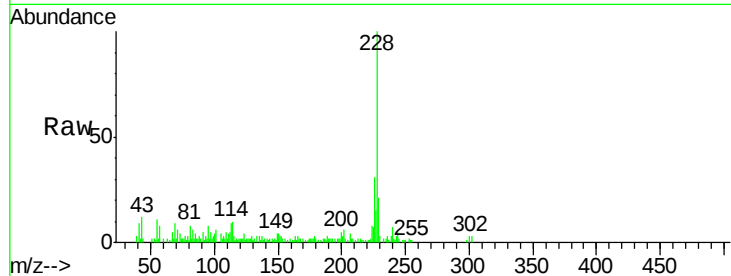
ClientSampled :

TP-3

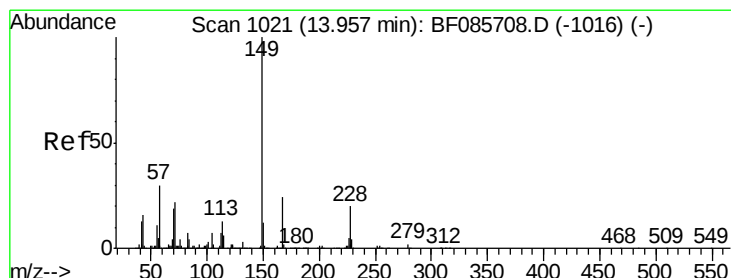
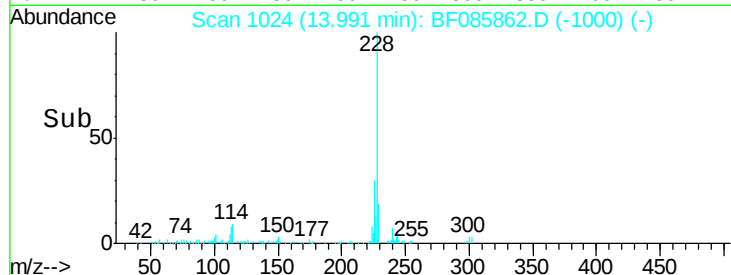
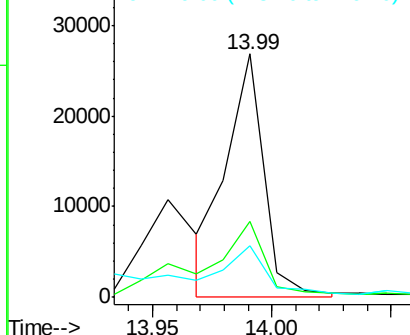
Tgt Ion:	228	Resp:	29949
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	21.4	15.7	23.5

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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



#83

Bis(2-ethylhexyl)phthalate

Concen: 15.96 ng

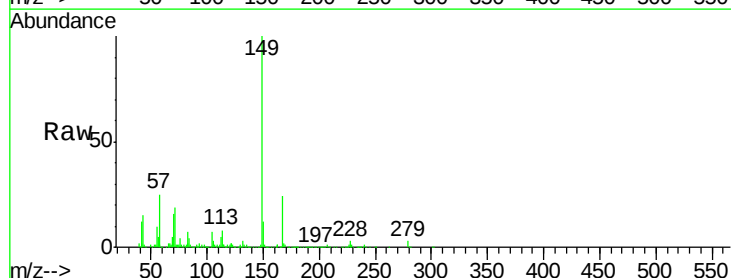
RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

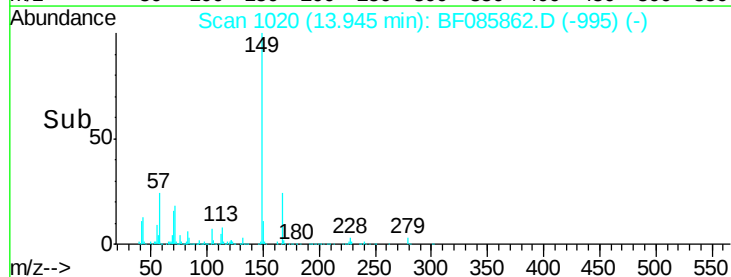
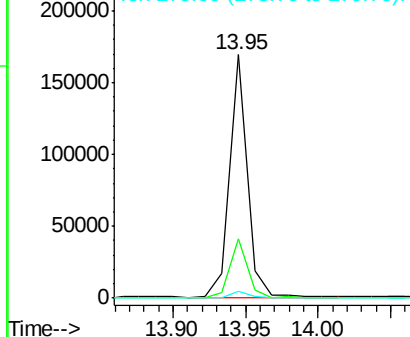
Lab File: BF085862.D

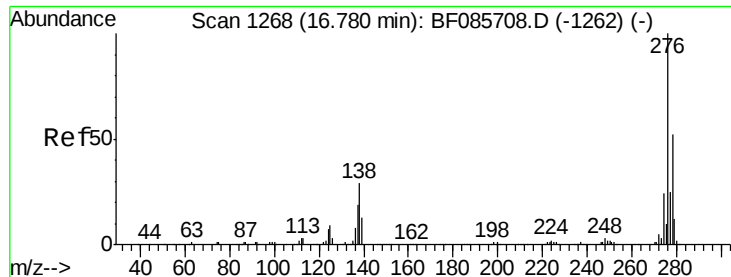
Acq: 29 Mar 2016 21:29

Tgt Ion:	149	Resp:	142024
Ion Ratio	Lower	Upper	
149	100		
167	24.3	19.4	29.2
279	2.7	1.5	2.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





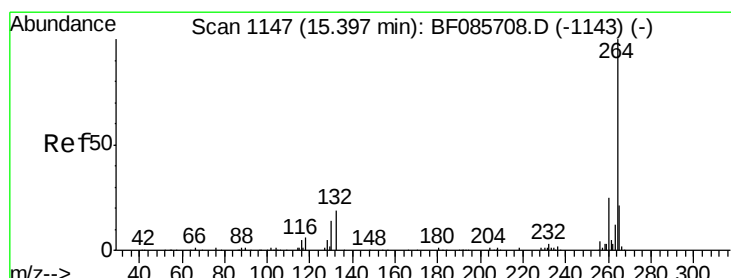
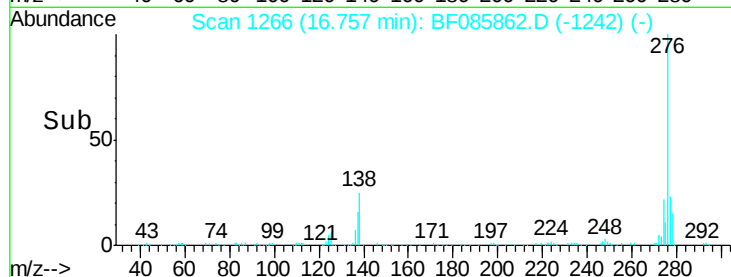
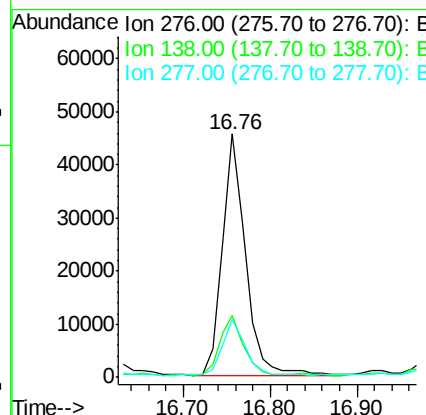
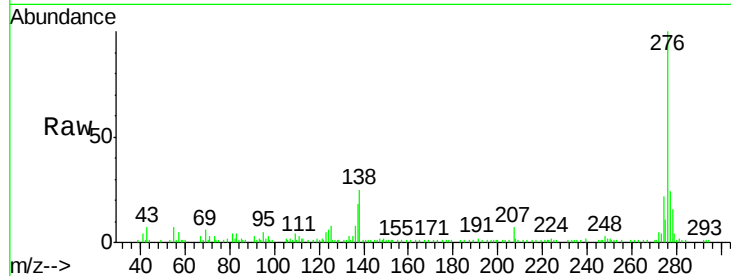
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.91 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	24.2	36.4
277	23.3	20.0	30.0

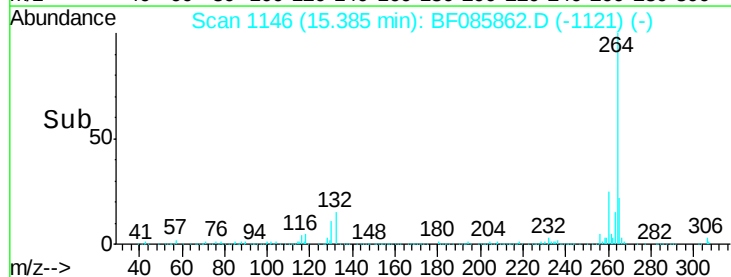
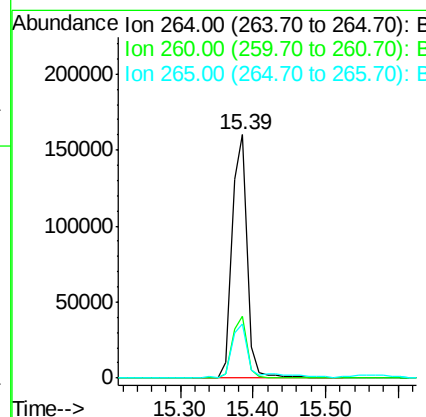
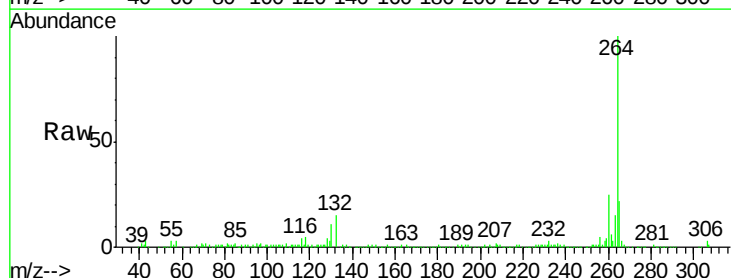
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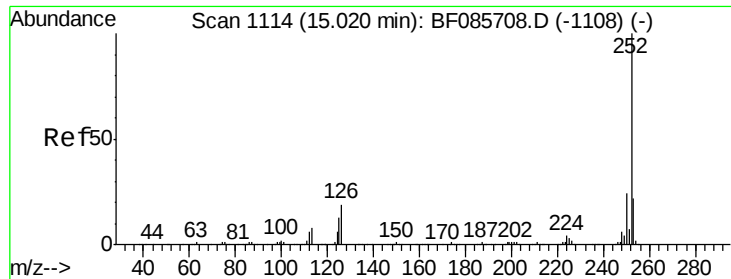
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 3/30/2016 7:05:51 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085862.D
 Acq: 29 Mar 2016 21:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 6.71 ng m

RT: 14.97 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Instrument :

BNA_F

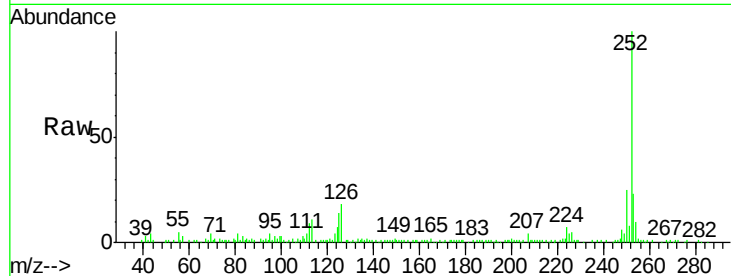
ClientSampled :

TP-3

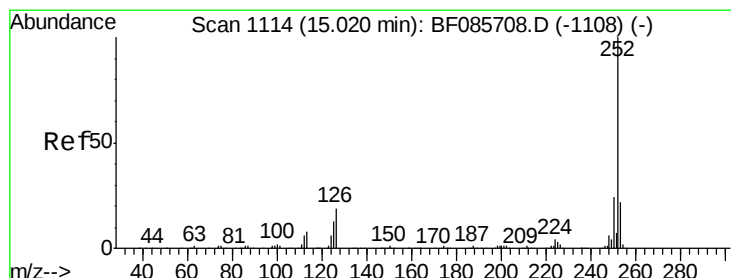
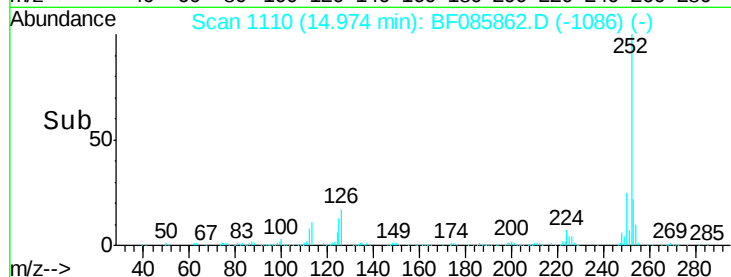
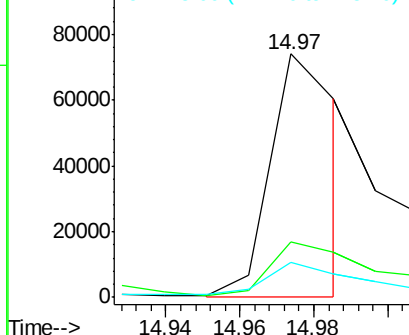
Tgt Ion:	252	Resp:	97023
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	14.5	10.3	15.5

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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



#88

Benzo(k)fluoranthene

Concen: 3.34 ng m

RT: 14.99 min Scan# 1111

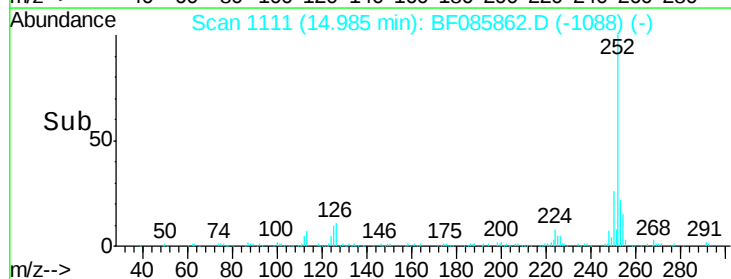
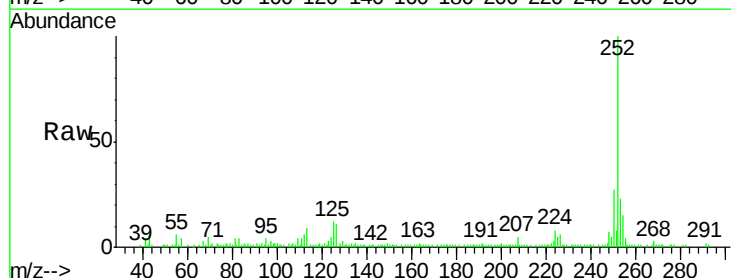
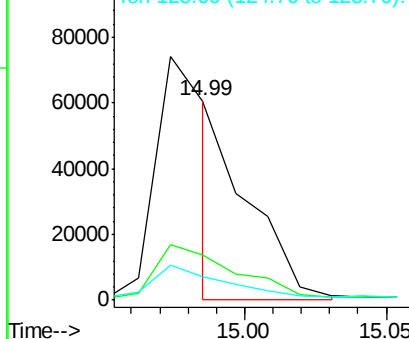
Delta R.T. -0.03 min

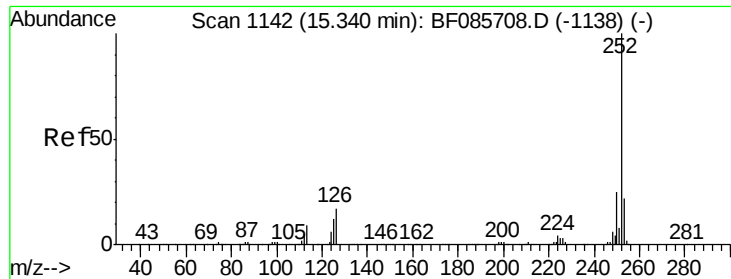
Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Tgt Ion:	252	Resp:	43555
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	11.7	7.7	11.5#

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: 4.13 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Instrument :

BNA_F

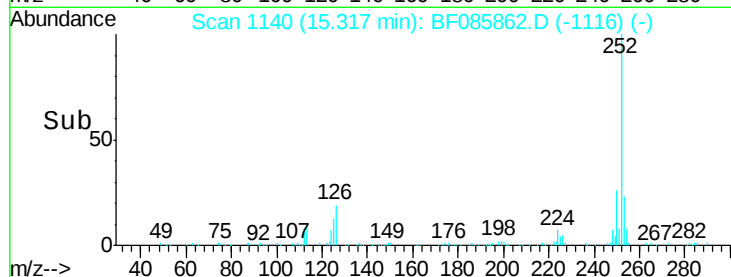
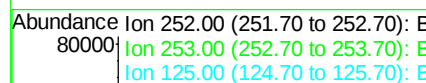
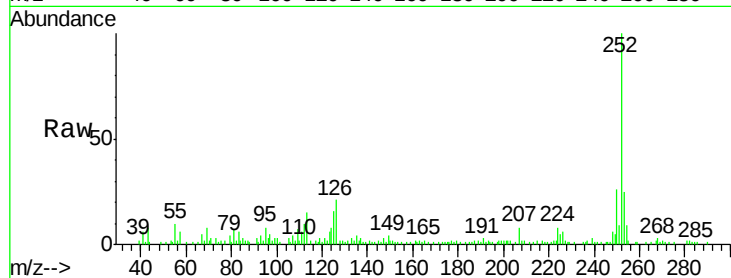
ClientSampled :

TP-3

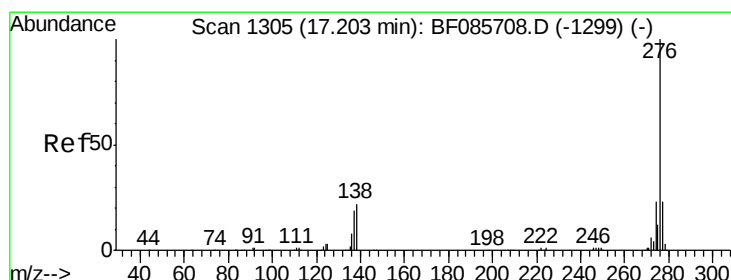
Tgt Ion:	252	Resp:	52975
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.0
125	16.3	10.3	15.5#

Manual Integrations
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Time-->



#91

Benzo(g,h,i)perylene

Concen: 7.52 ng

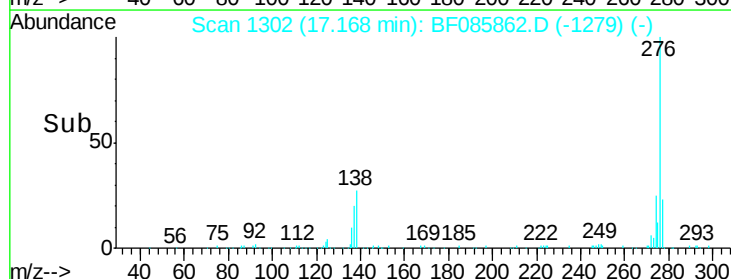
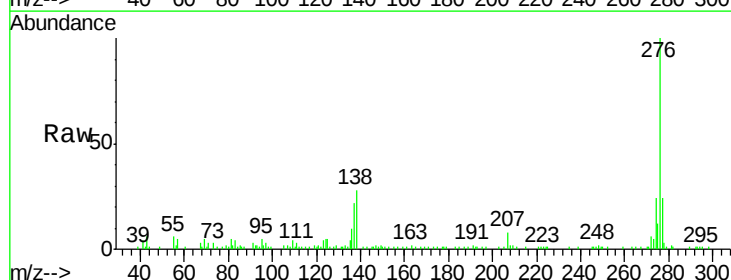
RT: 17.17 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF085862.D

Acq: 29 Mar 2016 21:29

Tgt Ion:	276	Resp:	90827
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.8	28.2
138	28.1	22.6	34.0



Time-->