

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085769.D
 Acq On : 25 Mar 2016 18:50
 Operator : UM/SJ
 Sample : H1855-05 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Manual Integrations
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Quant Time: Mar 25 23:33:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	118700	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	424493	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	174255	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	263317	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	261119	20.00	ng	0.00
86) Perylene-d12	15.40	264	221902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	36757	5.16	ng	0.01
7) Phenol-d6	6.46	99	50604	5.58	ng	0.00
23) Nitrobenzene-d5	7.38	82	22203	2.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	6467	3.91	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	39435	3.78	ng	0.00
78) Terphenyl-d14	12.93	244	28992	2.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	116907	8.84	ng	99
70) Phenanthrene	11.37	178	82406	6.09	ng	96
74) Fluoranthene	12.55	202	174980	12.18	ng	97
77) Pyrene	12.78	202	168961	7.87	ng	99
80) Benzo(a)anthracene	13.97	228	88201	5.92	ng	98
82) Chrysene	14.00	228	68424m	4.56	ng	
83) Bis(2-ethylhexyl)phthalate	13.96	149	22528	2.09	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	34732	3.00	ng	# 88
87) Benzo(b)fluoranthene	15.00	252	95145m	6.81	ng	
88) Benzo(k)fluoranthene	15.02	252	34581m	2.74	ng	
89) Benzo(a)pyrene	15.34	252	60119	4.84	ng	98
91) Benzo(a,h,i)perylene	17.19	276	31785	2.72	ng	97

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

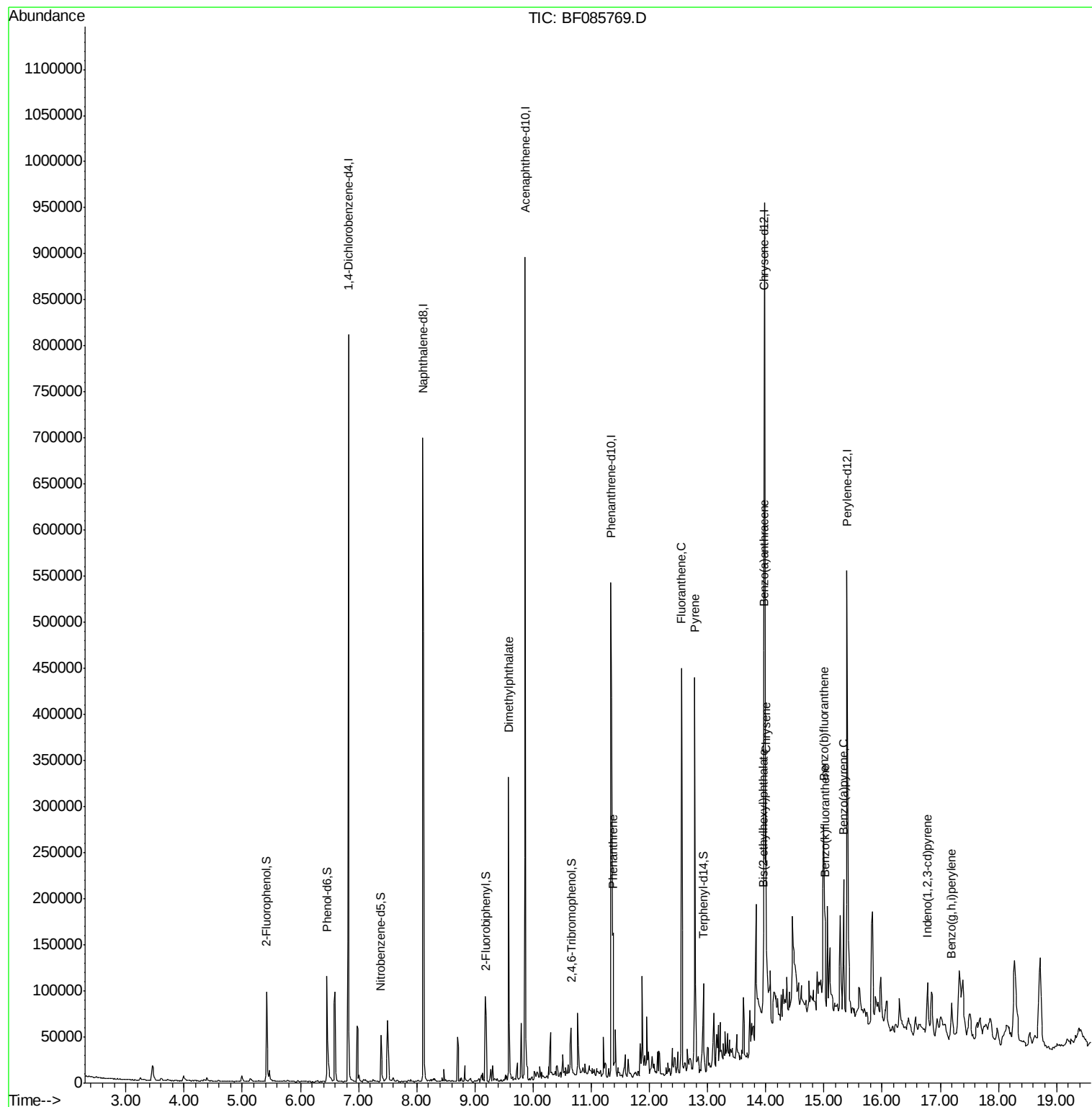
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085769.D
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#1

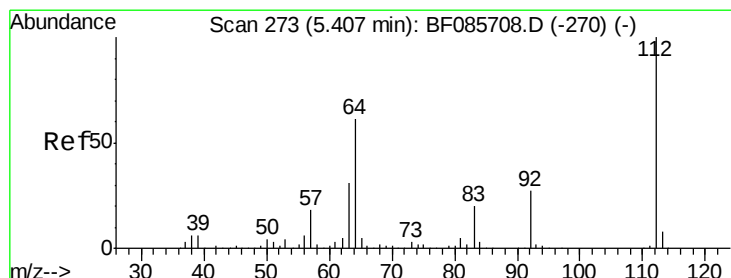
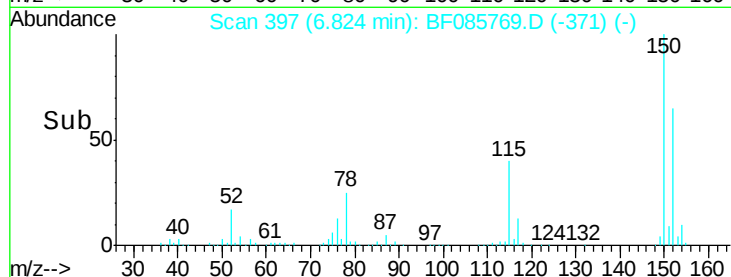
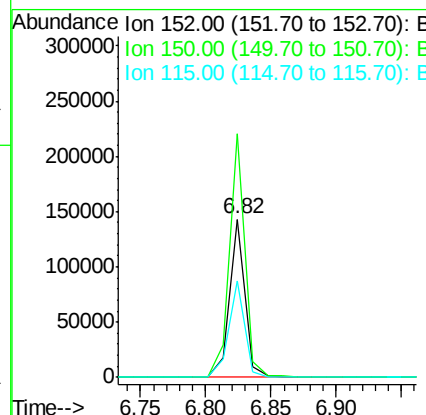
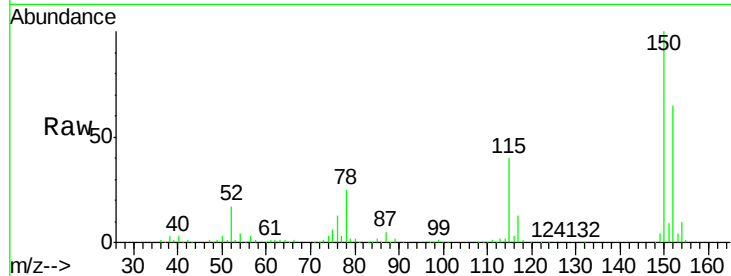
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Instrument :
BNA_F
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	61.2	47.0	70.6

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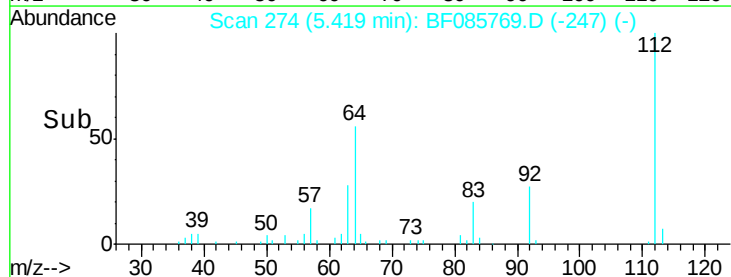
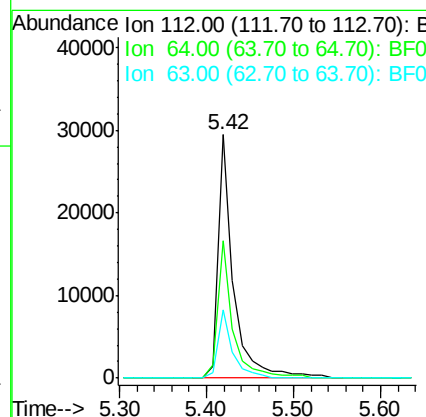
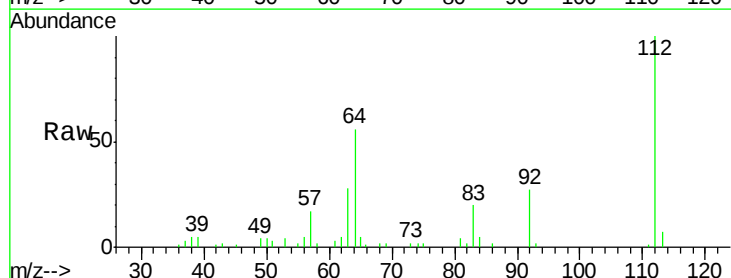
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#5

2-Fluorophenol
Concen: 5.16 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.9	59.9
63	27.9	20.2	30.2





#7

Phenol-d6

Concen: 5.58 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Instrument :

BNA_F

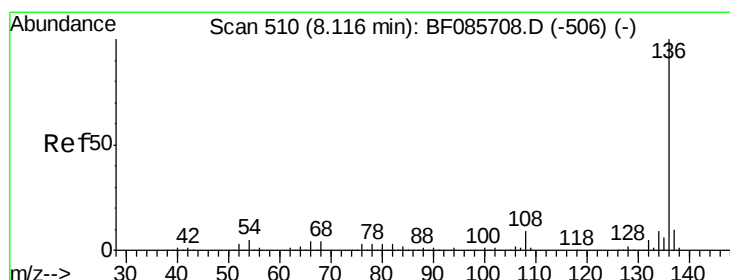
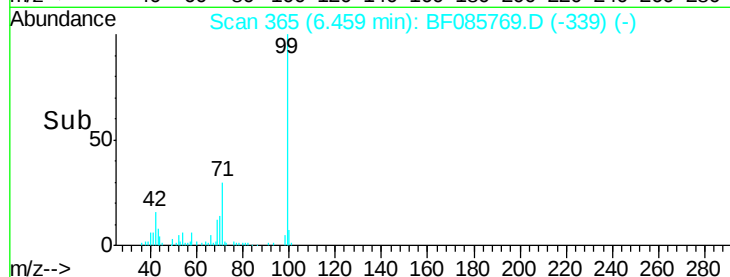
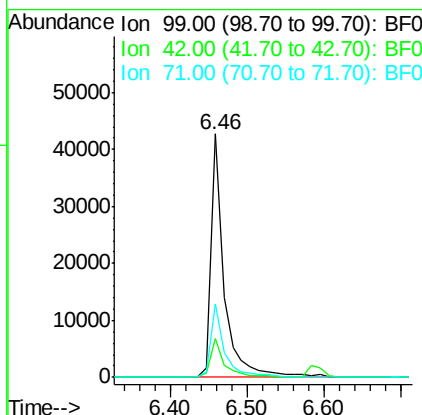
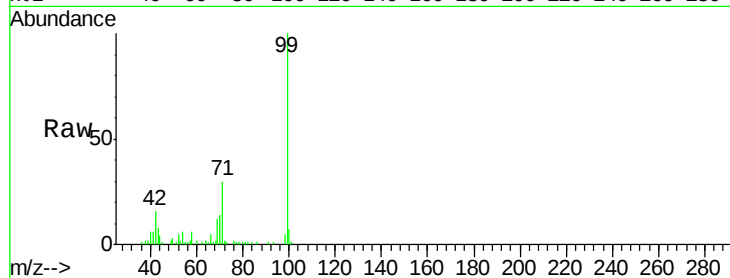
ClientSampleId :

SB-3

Tot Ion:	99	Resp:	50604
Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.1	16.7
71	30.3	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

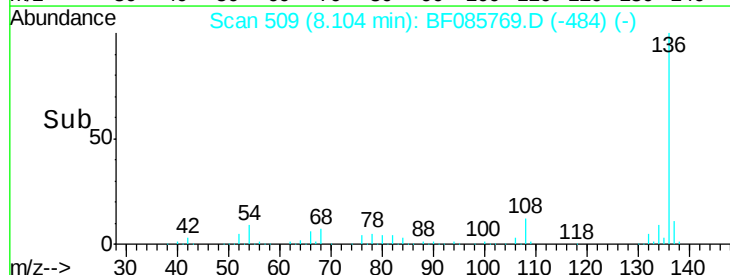
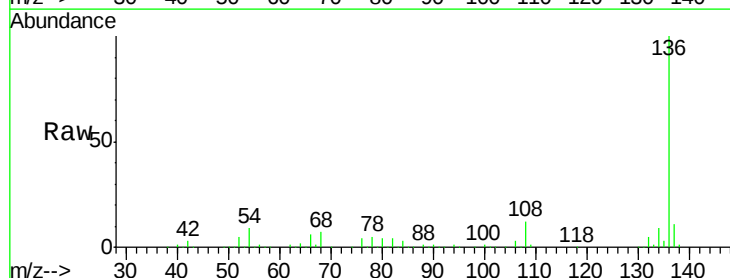
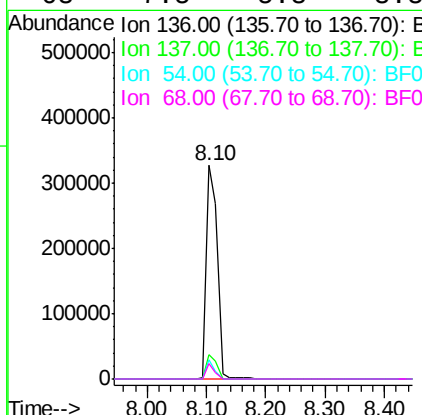
RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Tgt Ion:	136	Resp:	424493
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	7.4	11.0
68	7.5	5.8	8.8





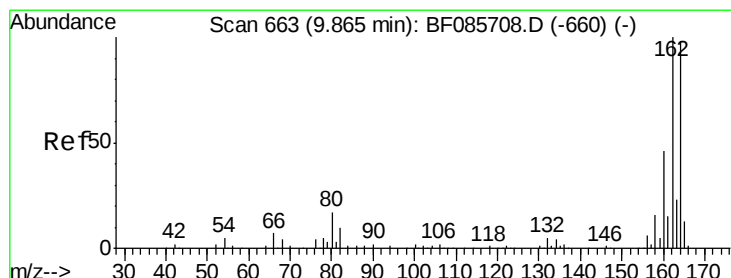
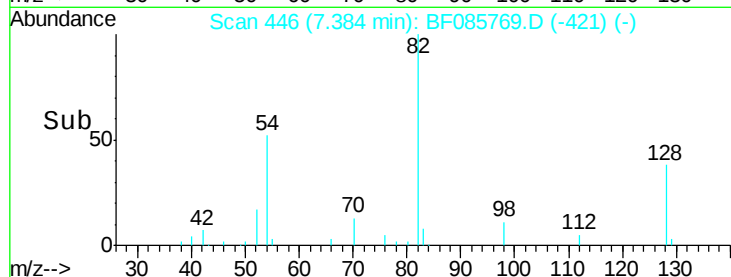
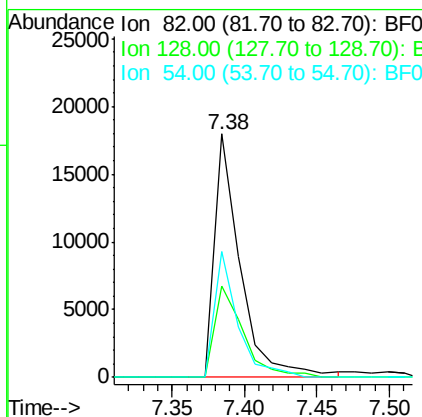
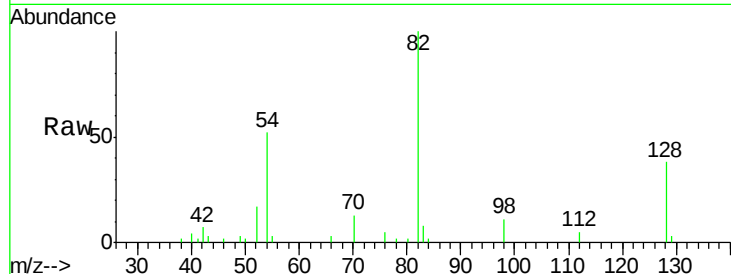
#23
Nitrobenzene-d5
Concen: 2.95 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Instrument :
BNA_F
ClientSampled :
SB-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	41.8	62.8#
54	51.8	33.4	50.0#

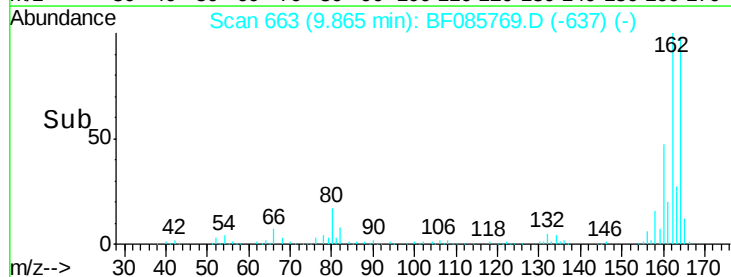
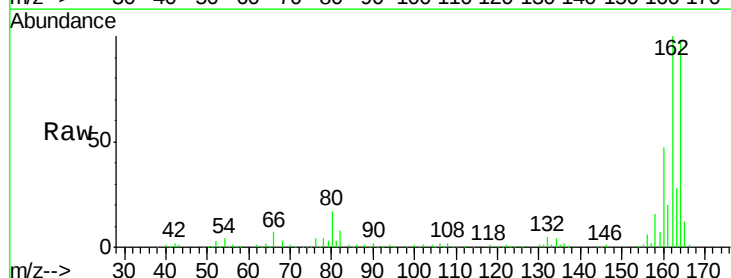
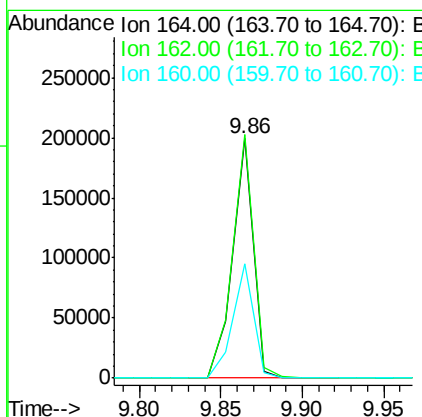
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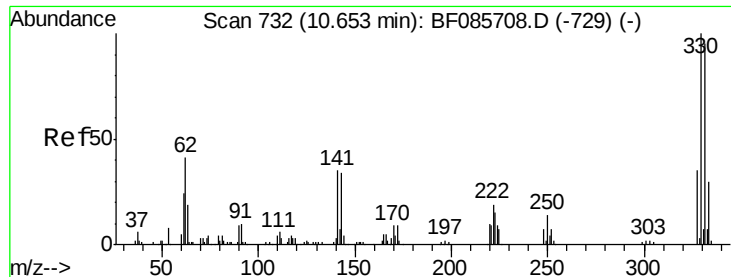
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	47.9	37.4	56.2





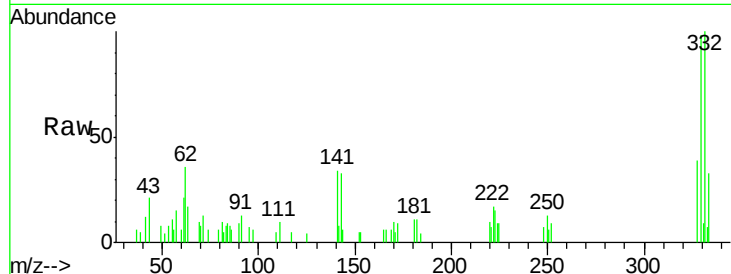
#41
 2,4,6-Tribromophenol
 Concen: 3.91 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085769.D
 Acq: 25 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

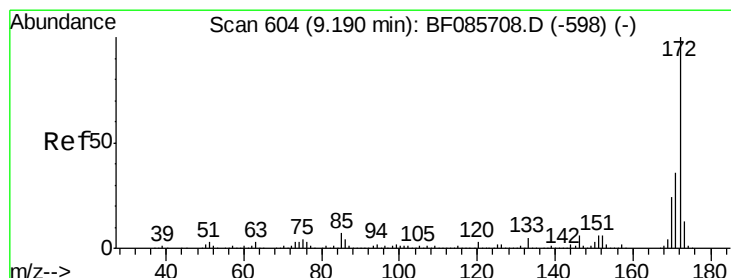
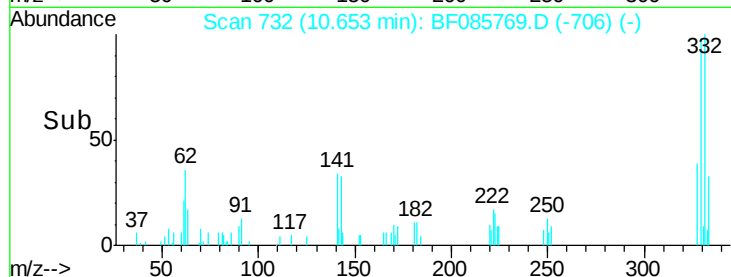
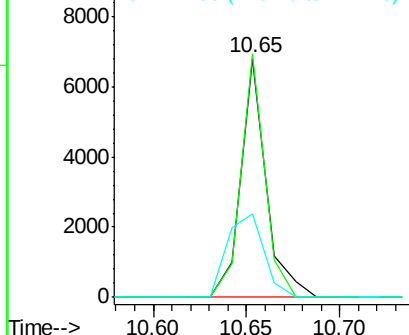
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	50.3	31.5	47.3

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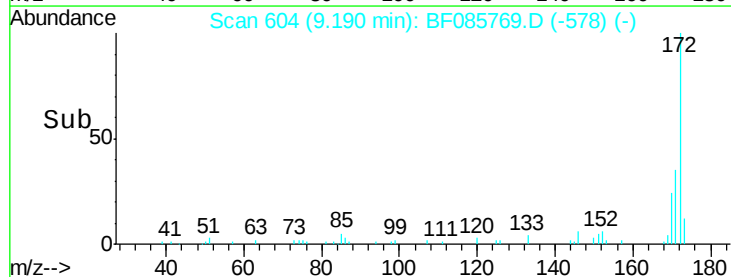
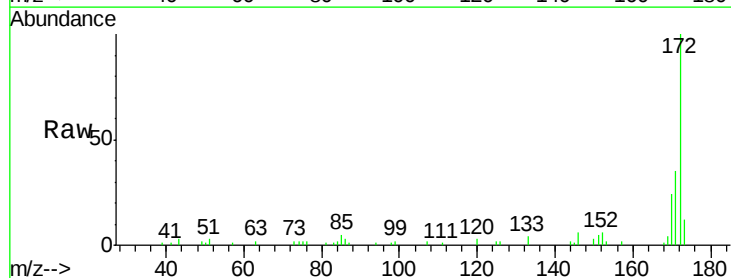
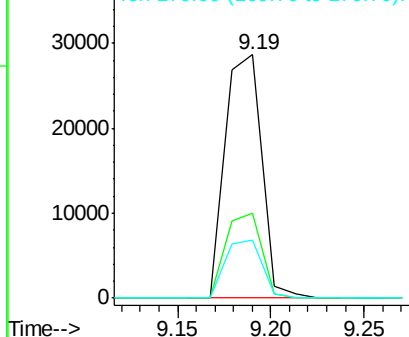
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

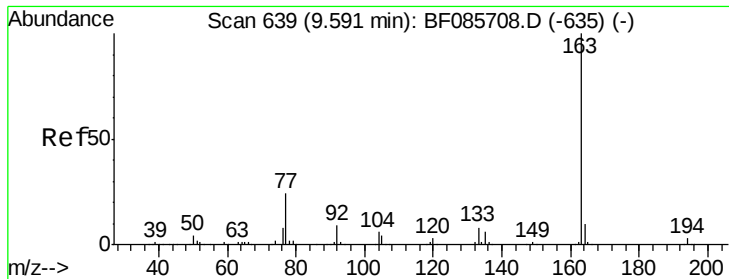


#44
 2-Fluorobiphenyl
 Concen: 3.78 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085769.D
 Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.2
170	23.7	19.8	29.6

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





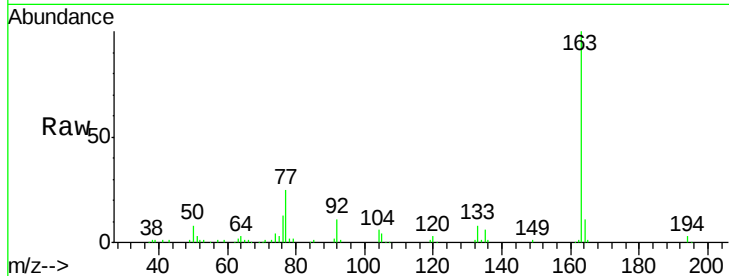
#49
Dimethylphthalate
Concen: 8.84 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
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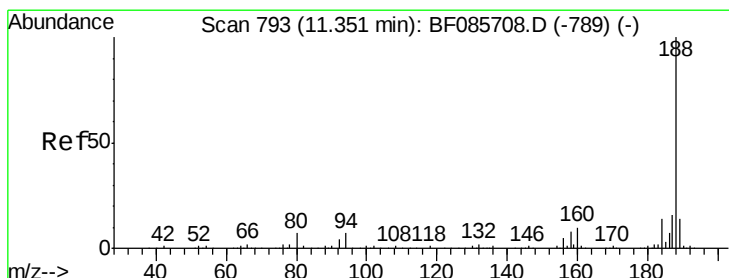
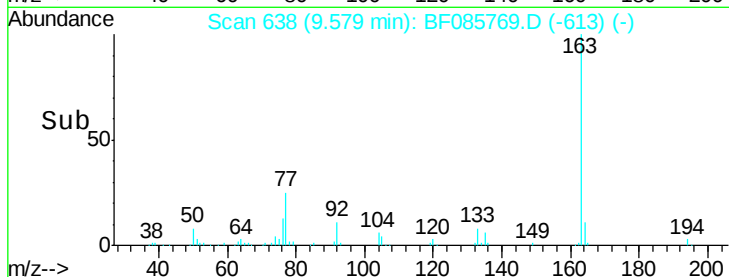
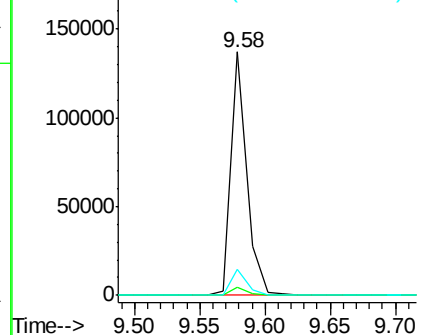
Tot Ion	Ratio	Resp	Lower	Upper
163	100	116907		
194	3.3		2.9	4.3
164	10.6		8.3	12.5

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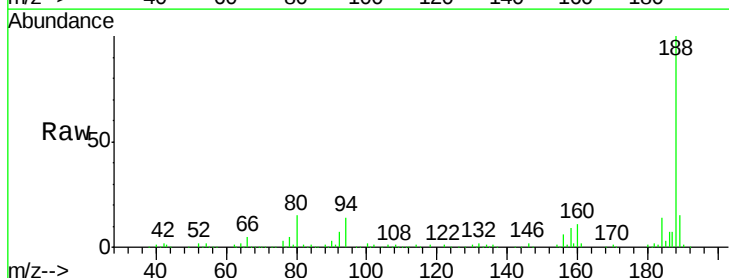


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

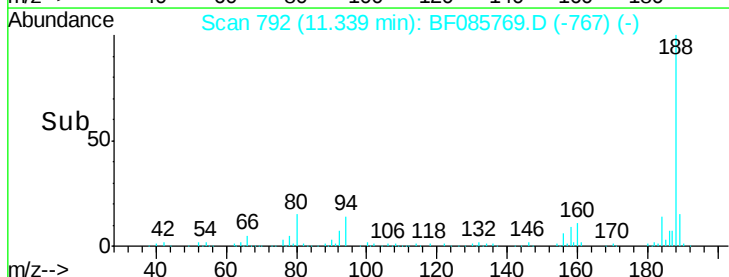
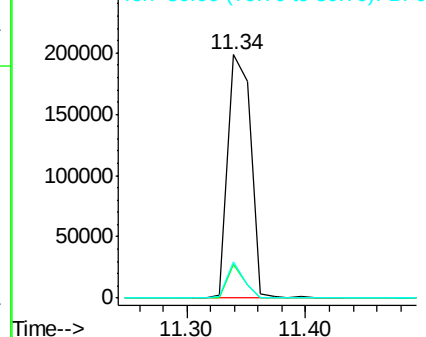


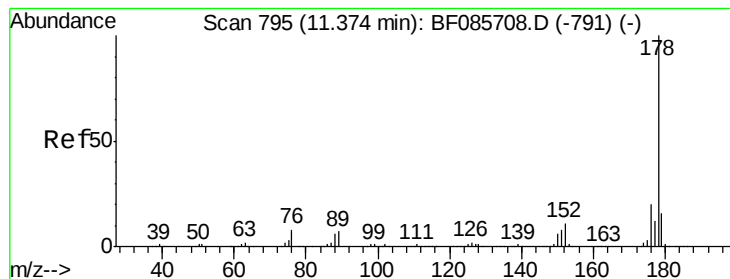
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	263317		
94	13.7		5.4	8.0#
80	14.7		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: 6.09 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Instrument :

BNA_F

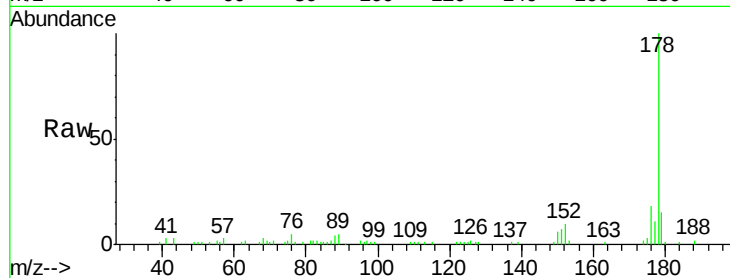
ClientSampleId :

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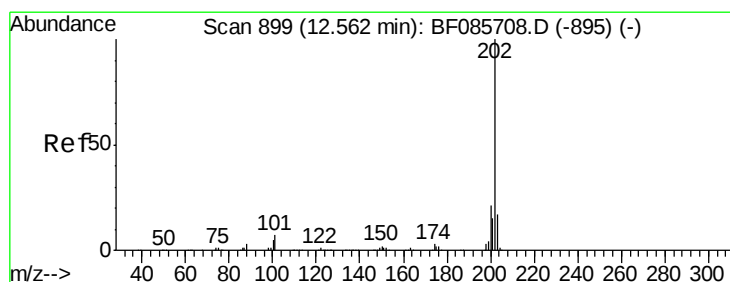
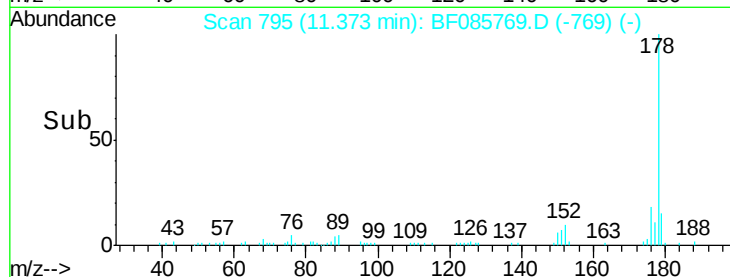
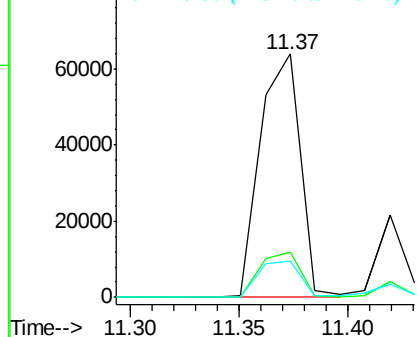
Tot Ion:	178	Resp:	82406
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.3	24.5
179	14.7	12.6	18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 12.18 ng

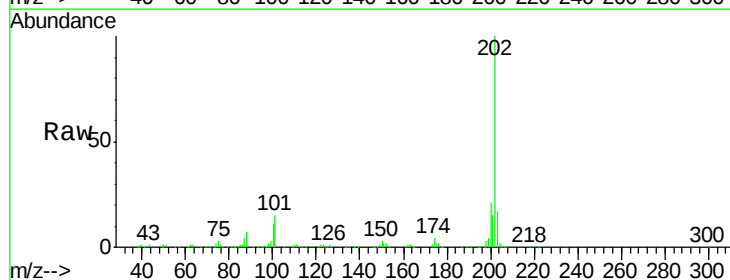
RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

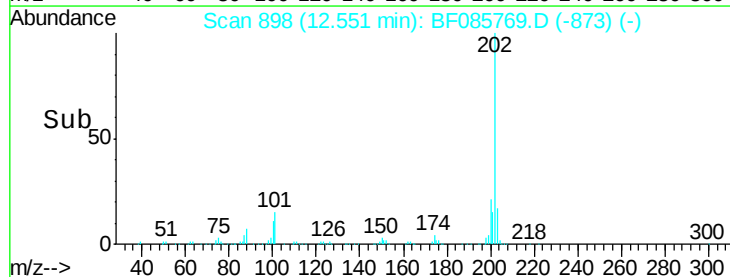
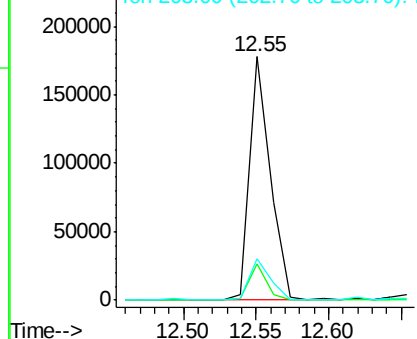
Lab File: BF085769.D

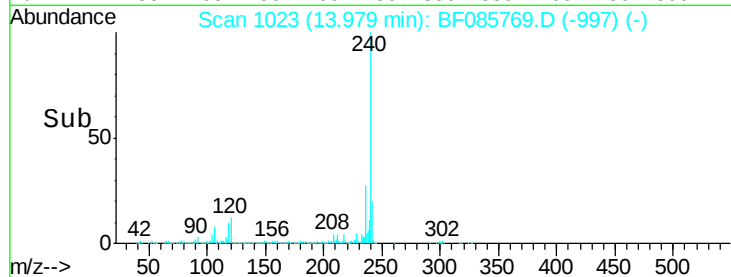
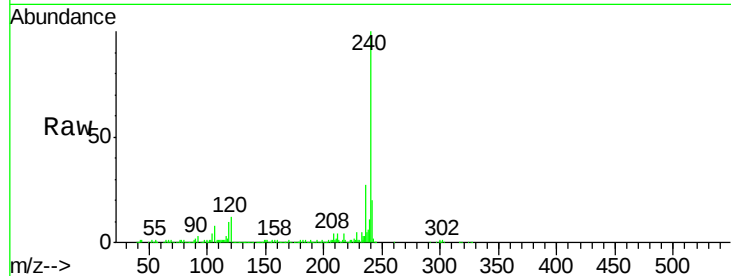
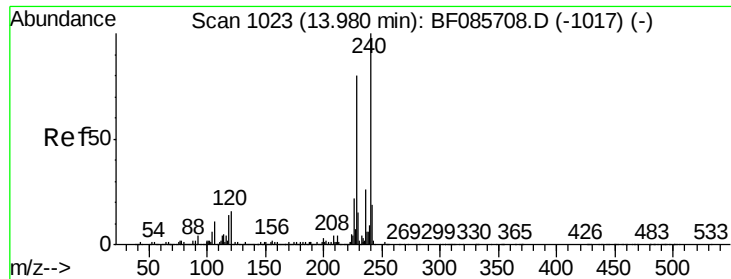
Acq: 25 Mar 2016 18:50

Tgt Ion:	202	Resp:	174980
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	36.6
203	17.2	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Instrument :

BNA_F

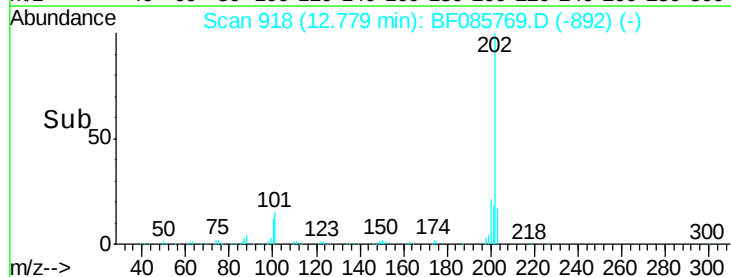
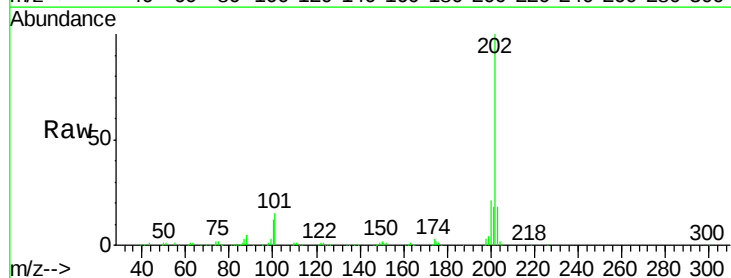
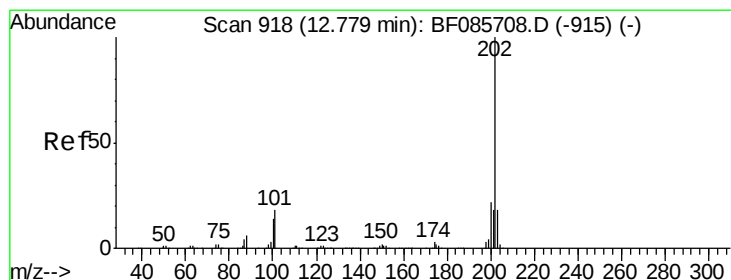
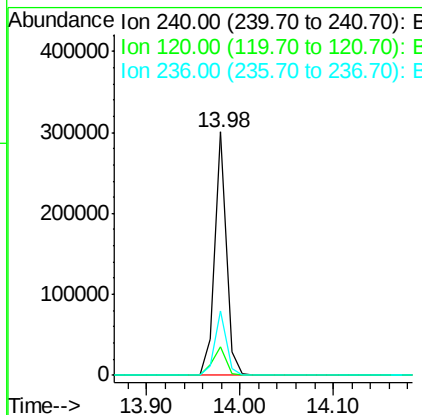
ClientSampleId :

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Tot Ion:	240	Resp:	261119
Ion Ratio	Lower	Upper	
240	100		
120	11.9	13.8	20.8#
236	26.7	20.6	30.8

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#77

Pyrene

Concen: 7.87 ng

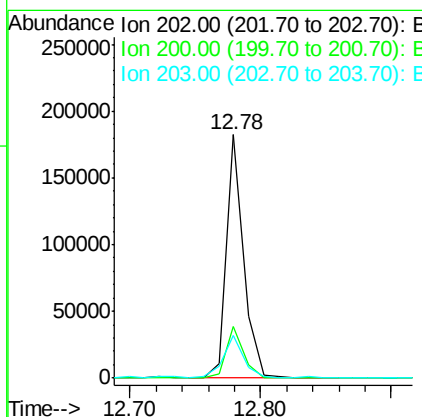
RT: 12.78 min Scan# 918

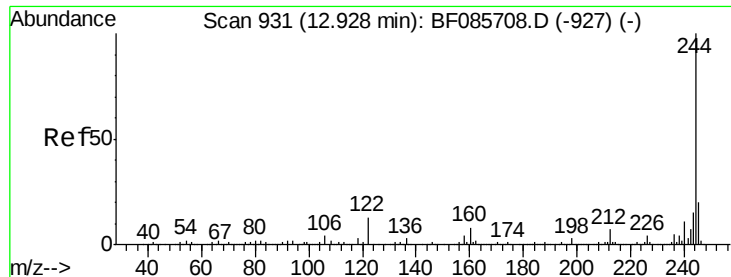
Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Tgt Ion:	202	Resp:	168961
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	17.6	14.0	21.0





#78

Terphenyl-d14

Concen: 2.28 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Instrument :

BNA_F

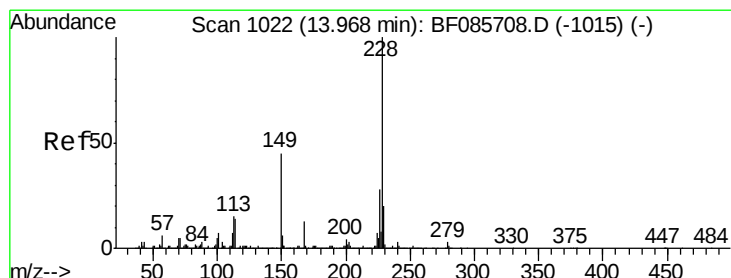
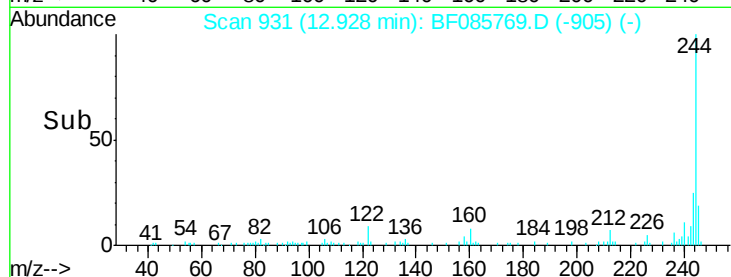
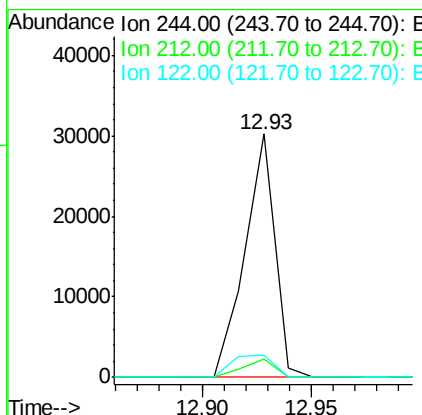
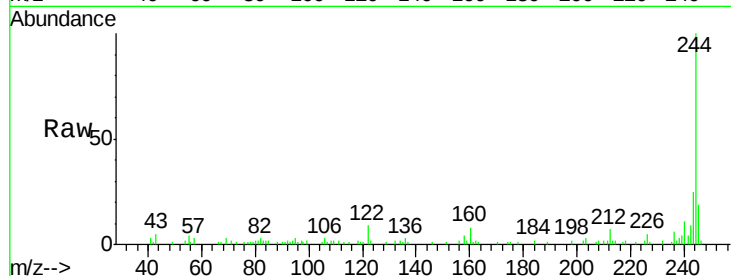
ClientSampleId :

SB-3

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	9.3	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 5.92 ng

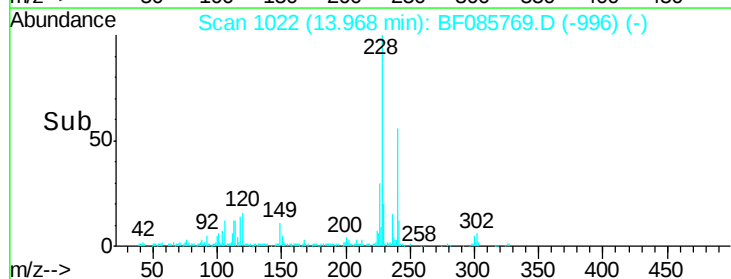
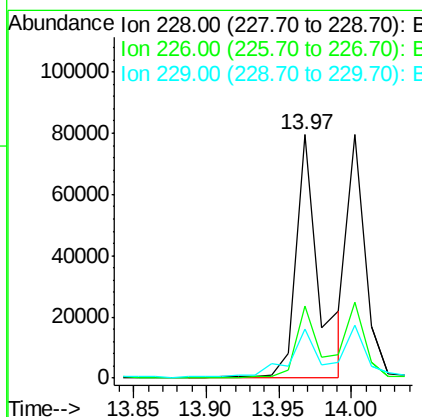
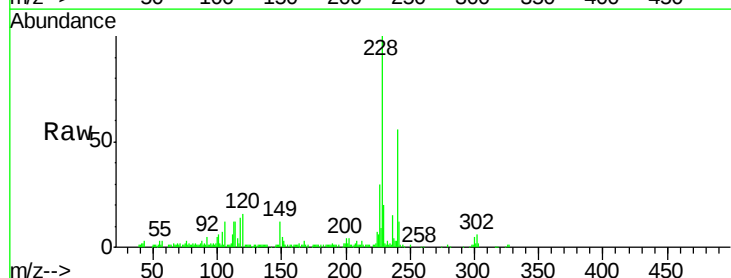
RT: 13.97 min Scan# 1022

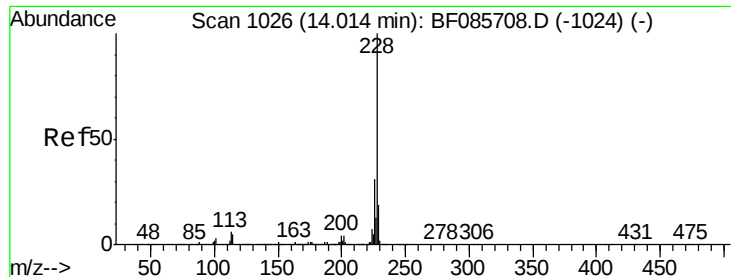
Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	22.1	33.1
229	20.2	16.2	24.4





#82

Chrysene

Concen: 4.56 ng/mL

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Instrument :

BNA_F

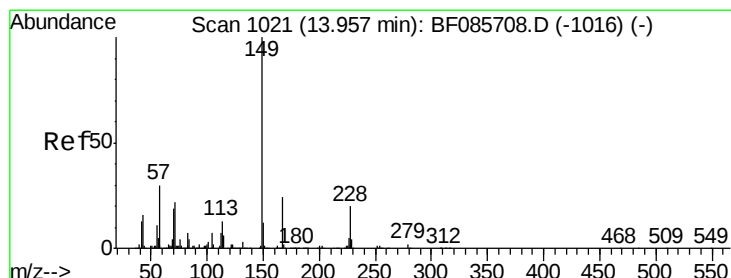
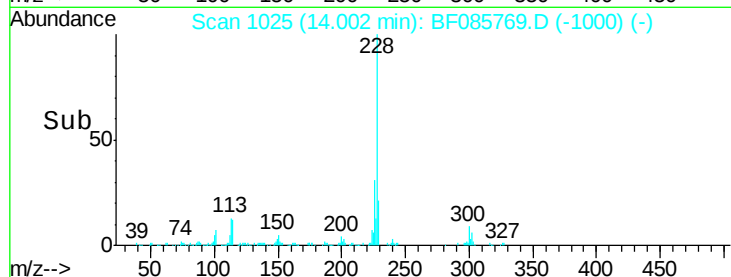
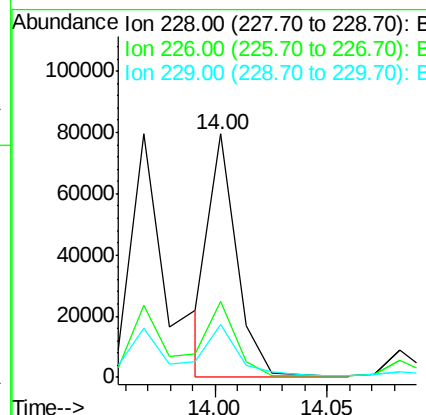
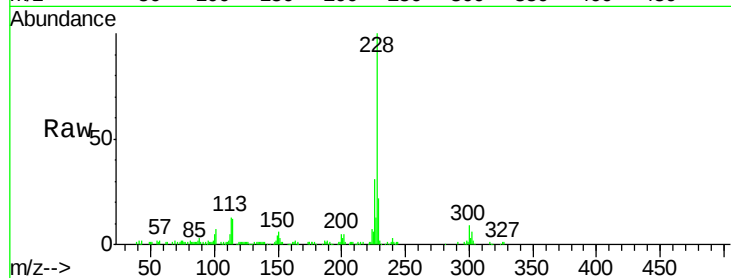
ClientSampled :

SB-3

Tot Ion:	228	Resp:	68424
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	21.6	15.7	23.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.09 ng/mL

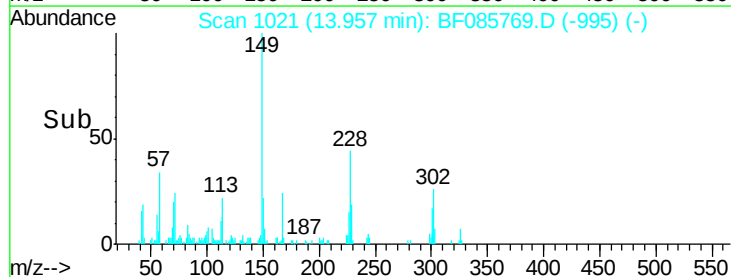
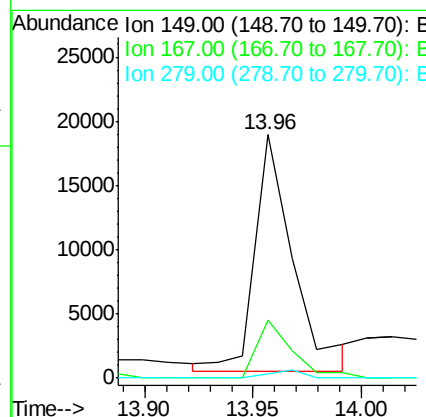
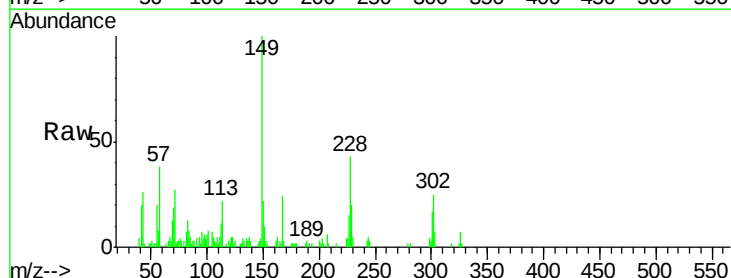
RT: 13.96 min Scan# 1021

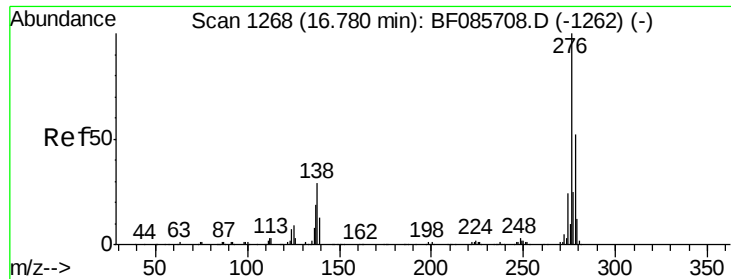
Delta R.T. -0.00 min

Lab File: BF085769.D

Acq: 25 Mar 2016 18:50

Tgt Ion:	149	Resp:	22528
Ion Ratio	Lower	Upper	
149	100		
167	23.9	19.4	29.2
279	1.9	1.5	2.3





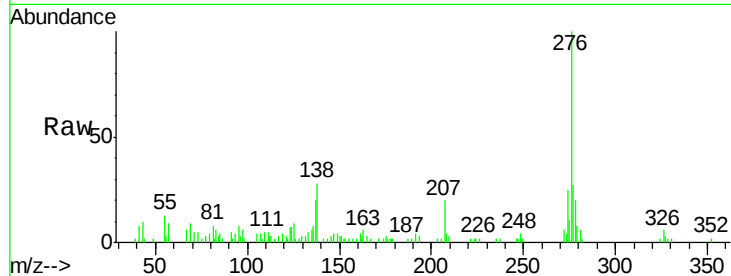
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-3

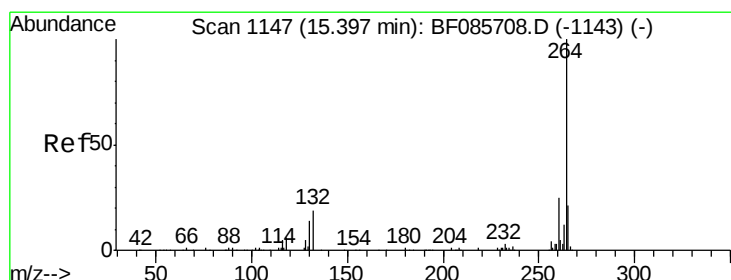
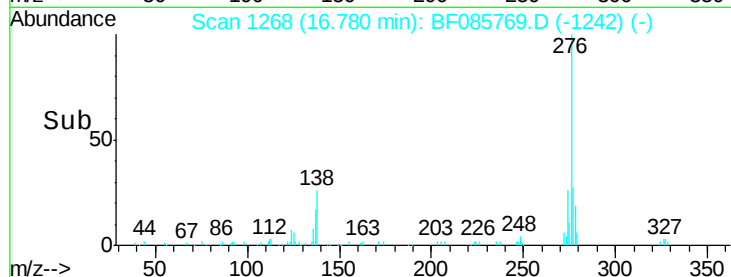
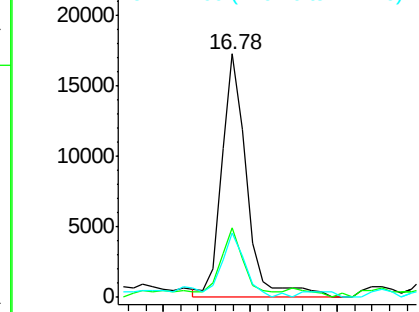
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	24.2	36.4#
277	31.7	20.0	30.0#

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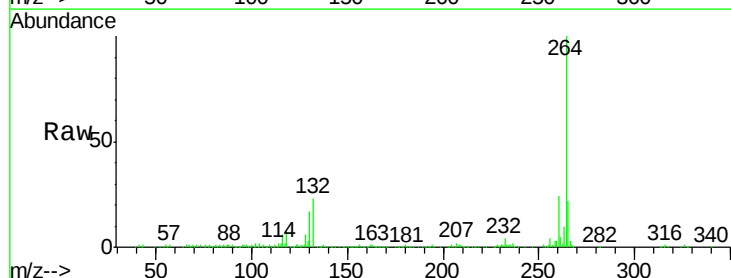


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

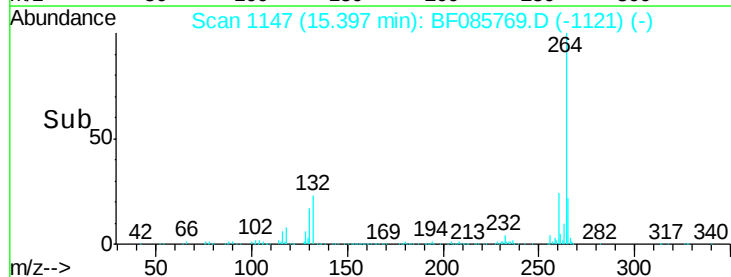
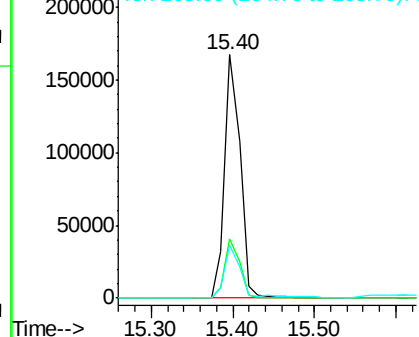


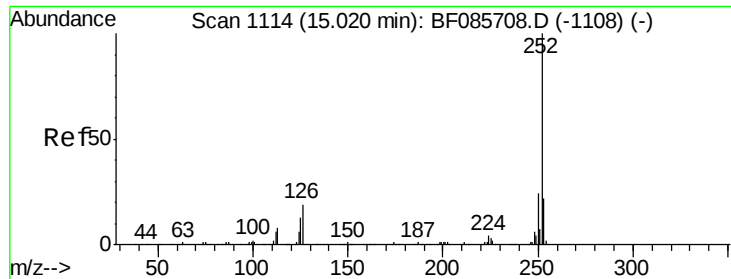
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	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





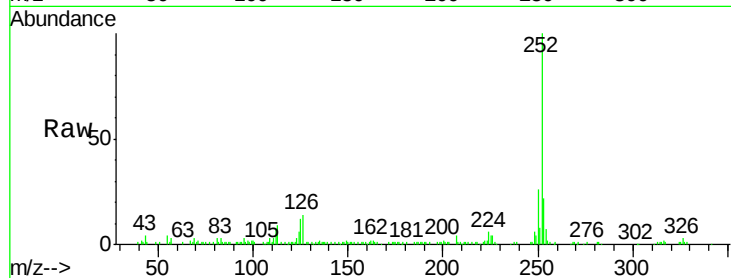
#87
Benzo(b)fluoranthene
Concen: 6.81 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Instrument :
BNA_F
ClientSampled :
SB-3

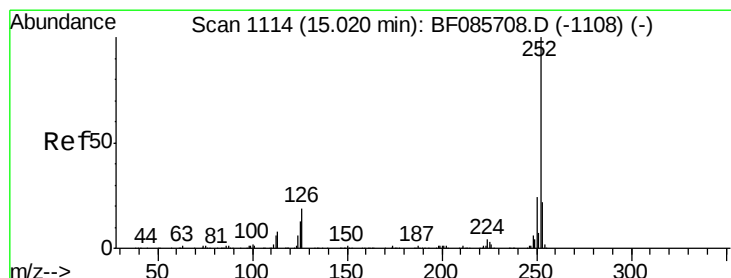
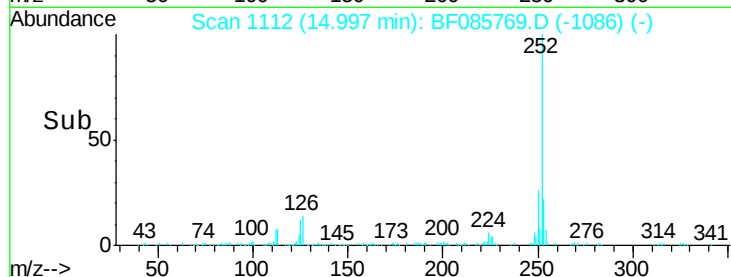
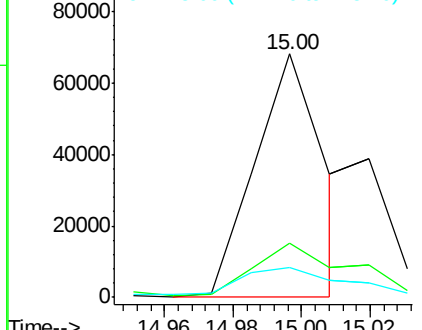
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.5	10.3	15.5

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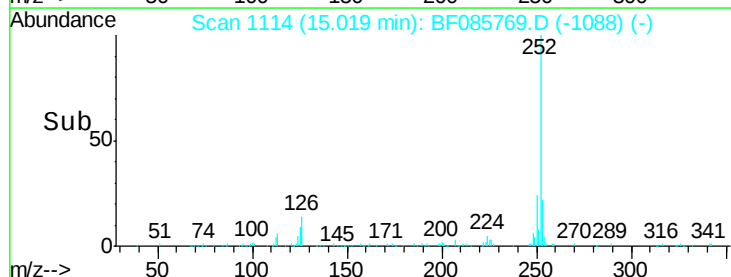
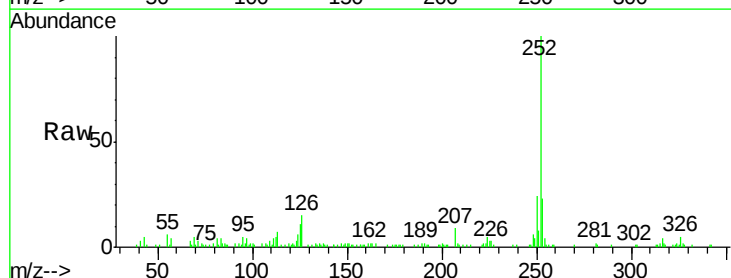
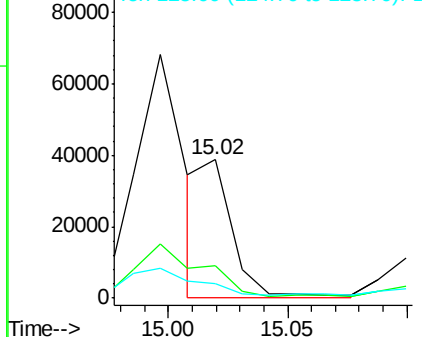
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

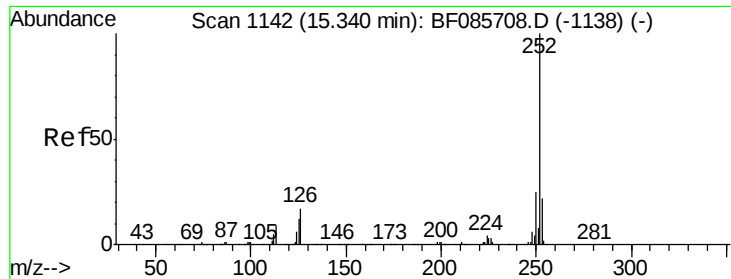


#88
Benzo(k)fluoranthene
Concen: 2.74 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.9	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





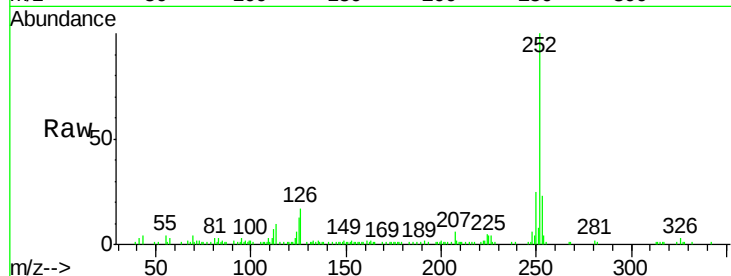
#89
Benzo(a)pyrene
Concen: 4.84 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-3

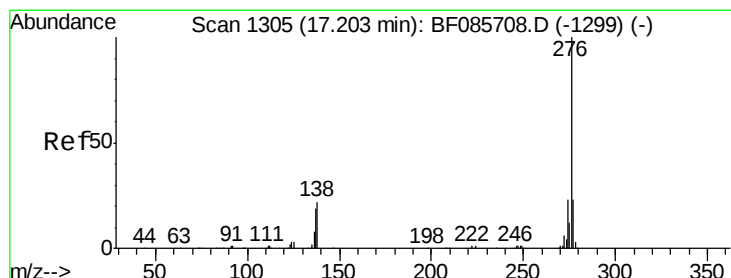
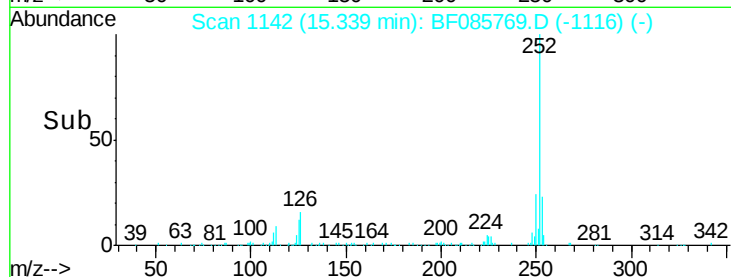
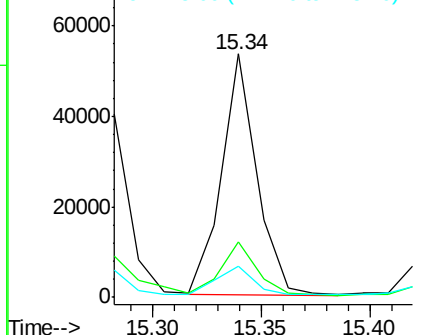
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	12.6	10.3	15.5

Manual Integrations
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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



#91
Benzo(g,h,i)perylene
Concen: 2.72 ng
RT: 17.19 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF085769.D
Acq: 25 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	31.0	22.6	34.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

