

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085926.D
 Acq On : 31 Mar 2016 14:35
 Operator : UM/SJ
 Sample : H2075-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-10

Manual Integrations
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Quant Time: Apr 01 11:25:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111287	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	434975	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	194144	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	334310	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	214898	20.00	ng	-0.02
86) Perylene-d12	15.36	264	202187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	772155	115.55	ng	-0.01
7) Phenol-d6	6.42	99	975030	114.76	ng	-0.02
23) Nitrobenzene-d5	7.36	82	641258	83.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	236868	128.41	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1007982	86.74	ng	-0.01
78) Terphenyl-d14	12.89	244	697624	66.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	175930	11.94	ng	99
70) Phenanthrene	11.34	178	47534	2.77	ng	98
74) Fluoranthene	12.52	202	60218	3.30	ng	99
77) Pyrene	12.74	202	55895	3.16	ng	99
79) Butylbenzylphthalate	13.36	149	20972	2.83	ng	# 65
80) Benzo(a)anthracene	13.93	228	24794	2.02	ng	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	19512	2.05	ng	# 90
87) Benzo(b)fluoranthene	14.96	252	27068m	2.13	ng	
89) Benzo(a)pyrene	15.31	252	22711	2.01	ng	97
91) Benzo(g,h,i)perylene	17.15	276	27477	2.58	ng	98

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

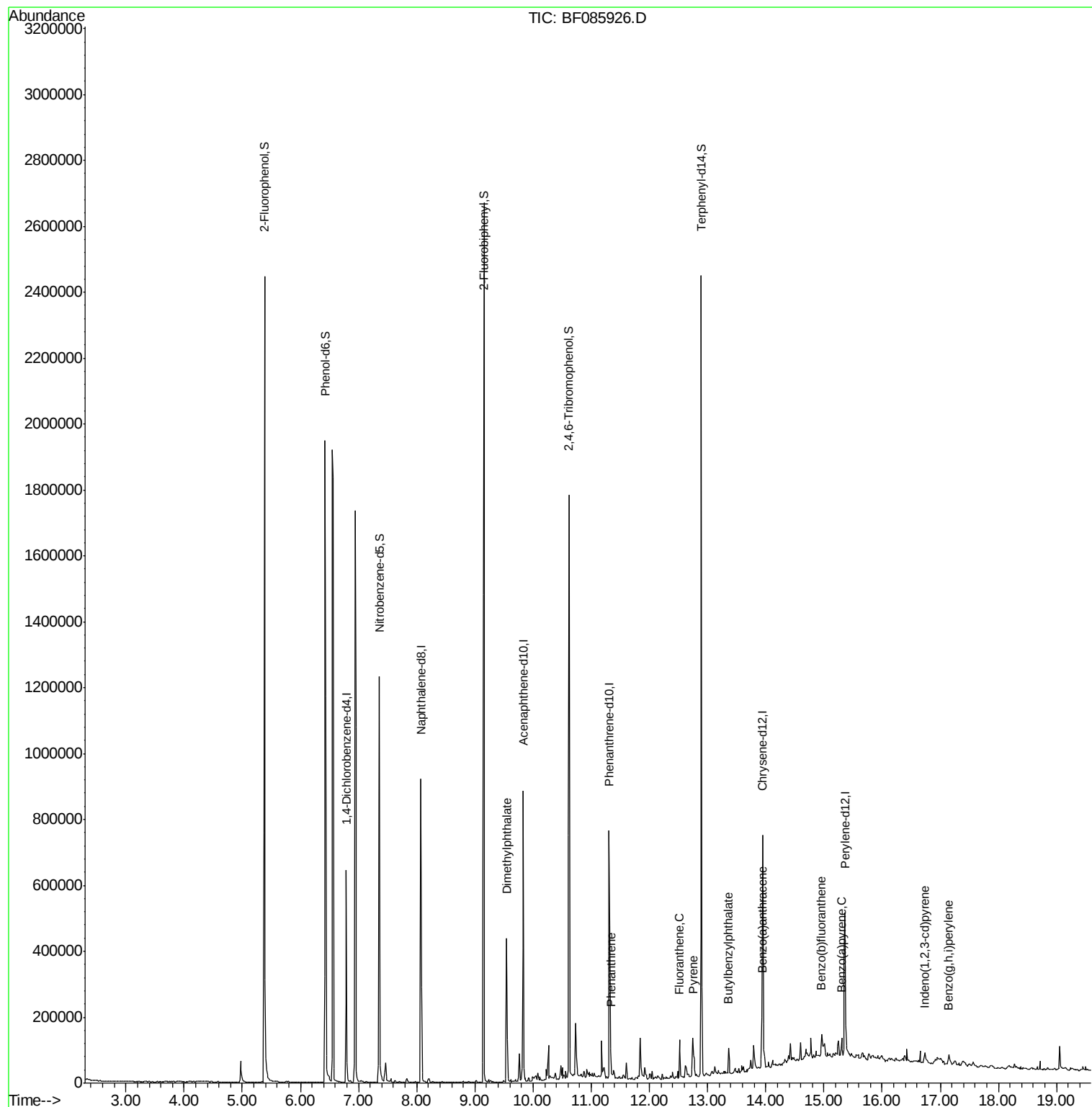
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085926.D
Acq On : 31 Mar 2016 14:35
Operator : UM/SJ
Sample : H2075-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

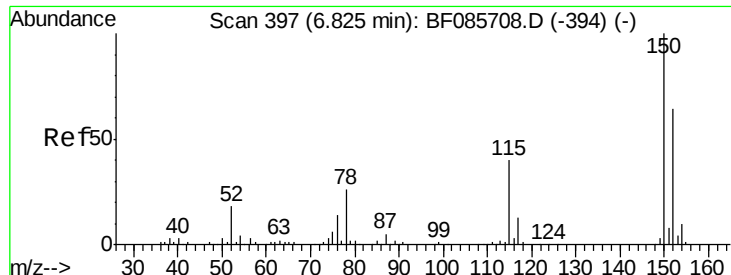
Instrument :
BNA_F
ClientSampleId :
SP-10

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Quant Time: Apr 01 11:25:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

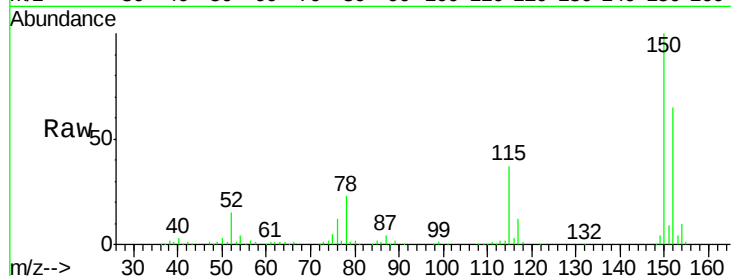
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Instrument :
BNA_F
ClientSampled :
SP-10

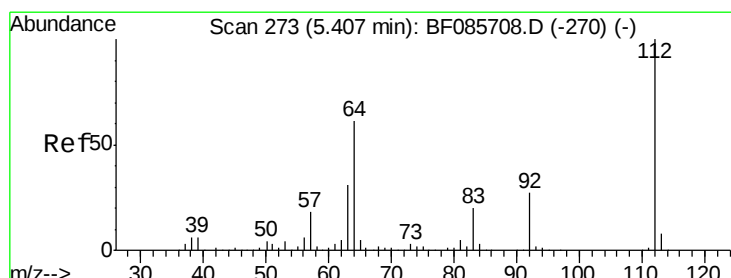
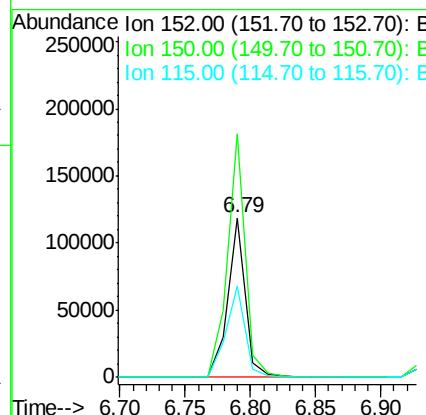
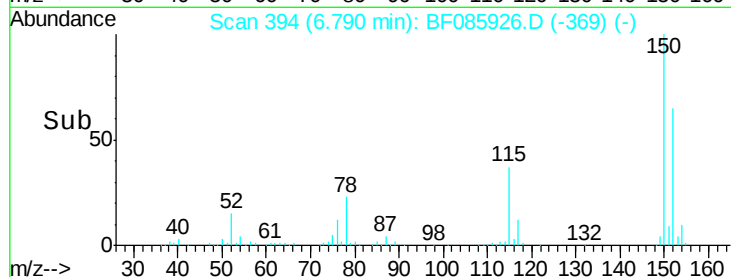
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.2
115	57.0	47.0	70.6

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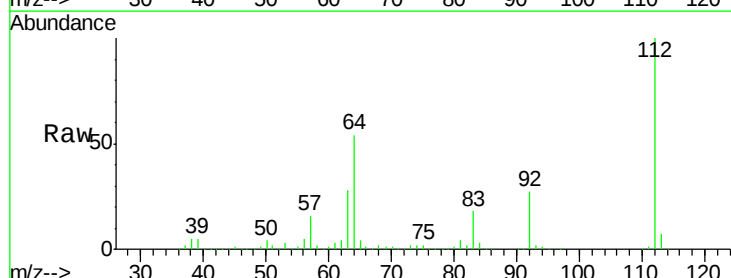
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



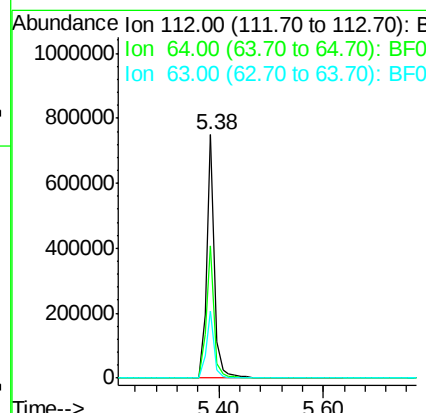
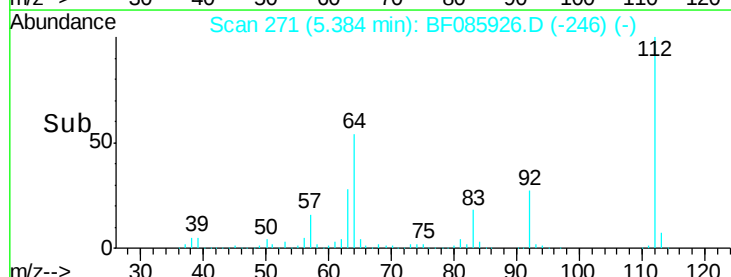
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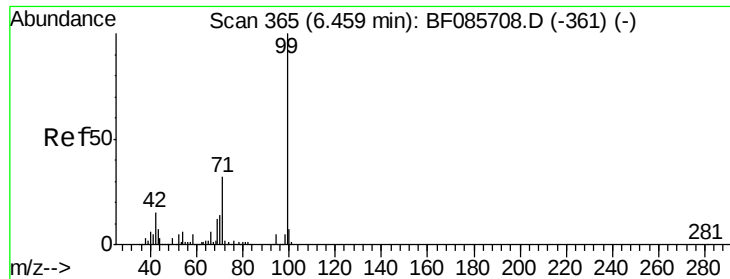
2-Fluorophenol
Concen: 115.55 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	39.9	59.9
63	27.5	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.76 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085926.D

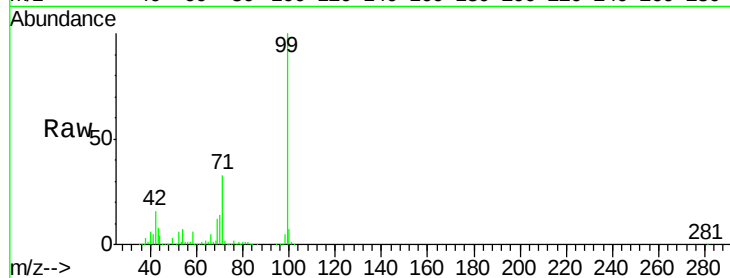
Acq: 31 Mar 2016 14:35

Instrument :

BNA_F

ClientSampleId :

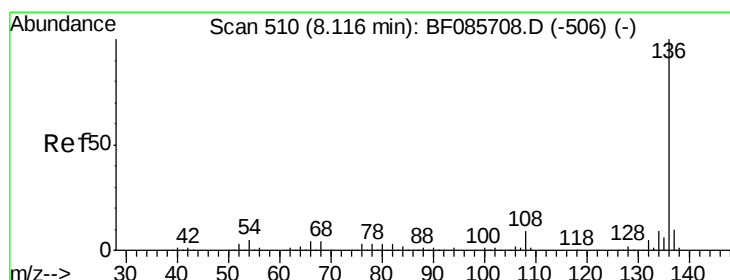
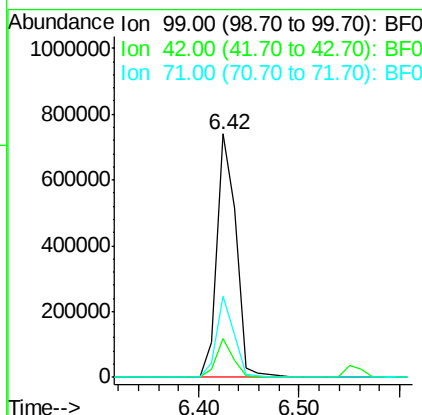
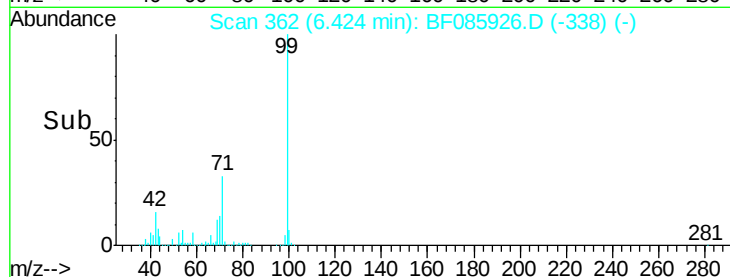
SP-10



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	975030		
42	16.1		11.1	16.7
71	33.4		24.9	37.3

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#21

Naphthalene-d8

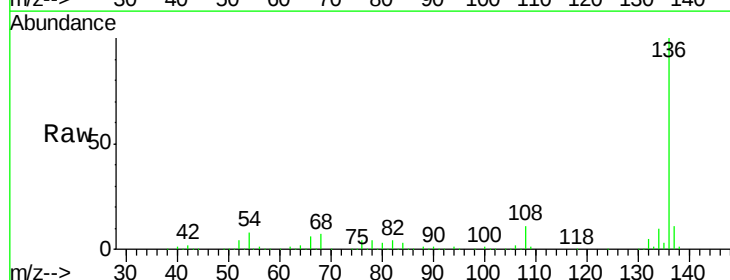
Concen: 20.00 ng

RT: 8.07 min Scan# 506

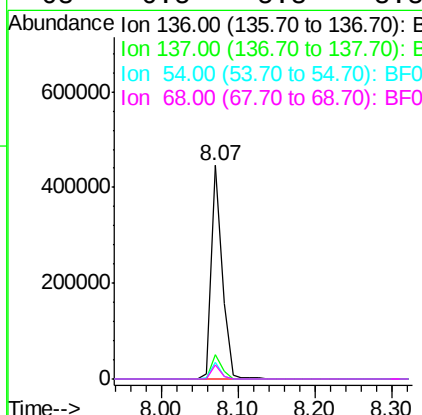
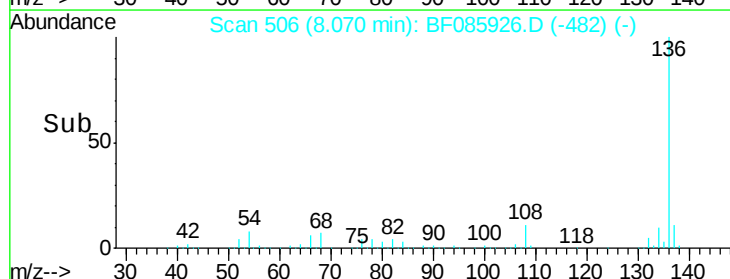
Delta R.T. -0.02 min

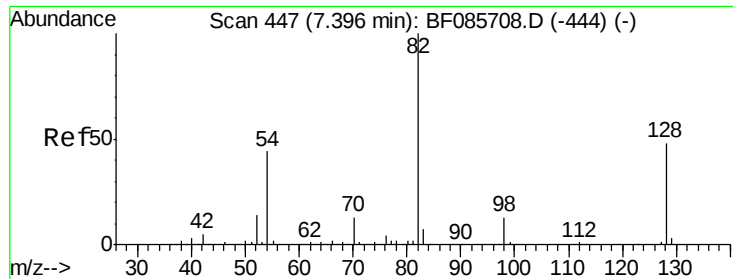
Lab File: BF085926.D

Acq: 31 Mar 2016 14:35



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	434975		
137	11.3		9.1	13.7
54	8.1		7.4	11.0
68	6.5		5.8	8.8





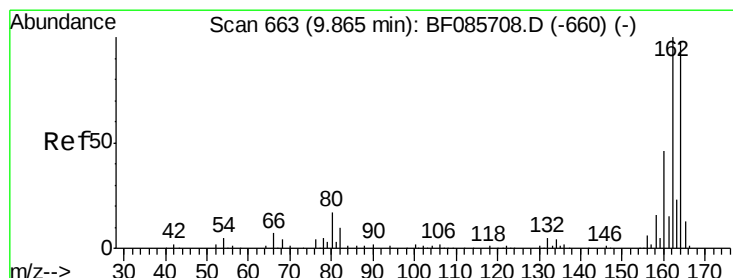
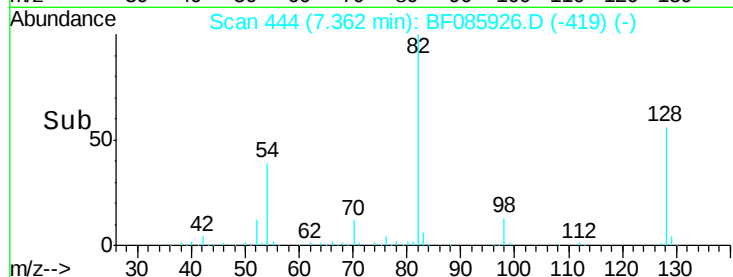
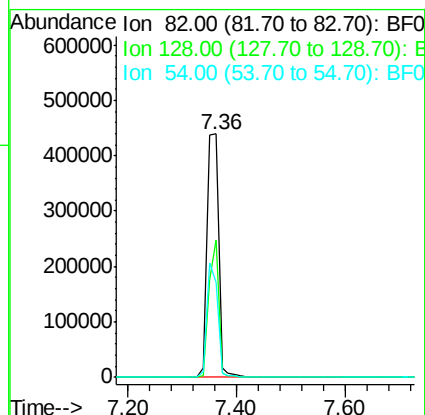
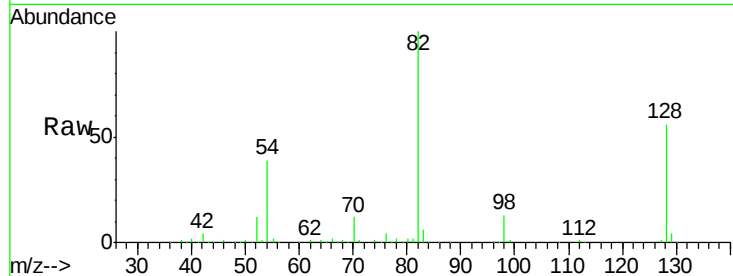
#23
 Nitrobenzene-d5
 Concen: 83.02 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085926.D
 Acq: 31 Mar 2016 14:35

Instrument :
 BNA_F
 ClientSampled :
 SP-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.2	41.8	62.8
54	39.1	33.4	50.0

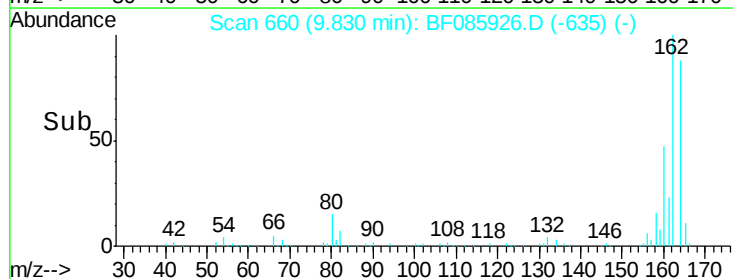
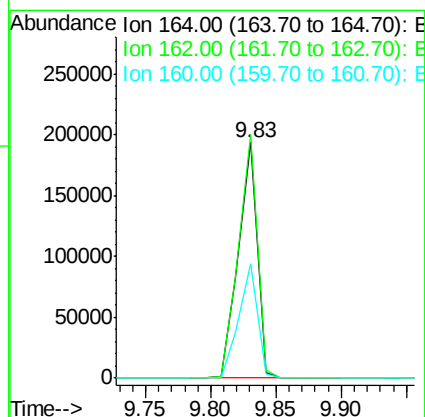
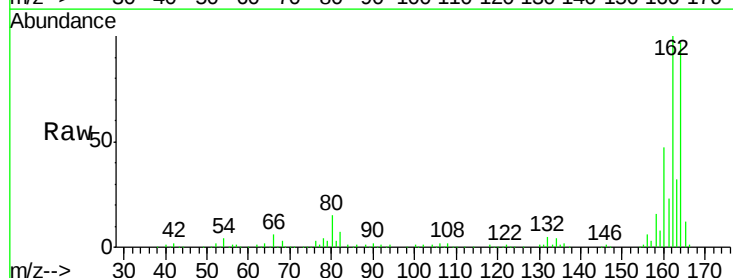
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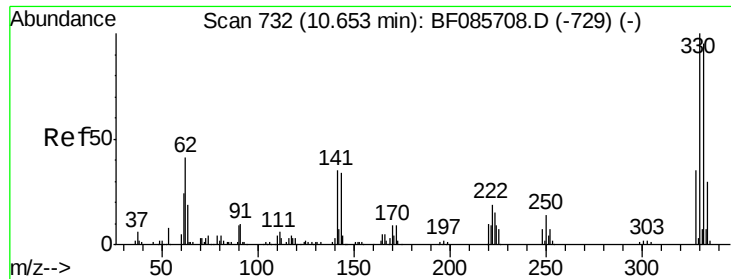
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085926.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	48.5	37.4	56.2





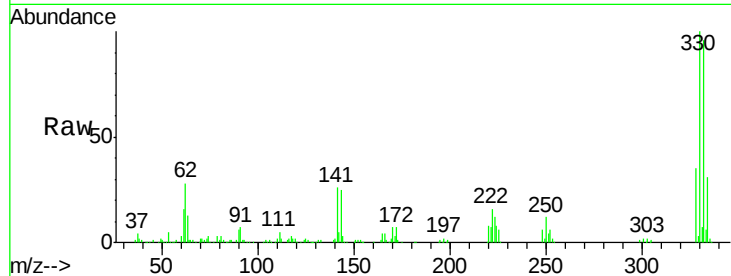
#41
 2,4,6-Tribromophenol
 Concen: 128.41 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085926.D
 Acq: 31 Mar 2016 14:35

Instrument :
 BNA_F
 ClientSampled :
 SP-10

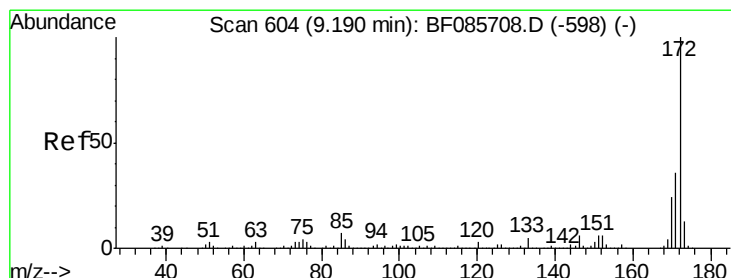
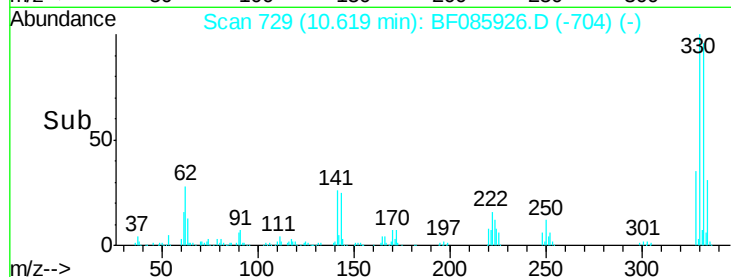
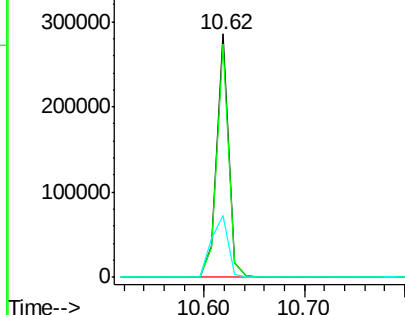
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	236868		
332	96.1	78.2	117.2	
141	36.2	31.5	47.3	

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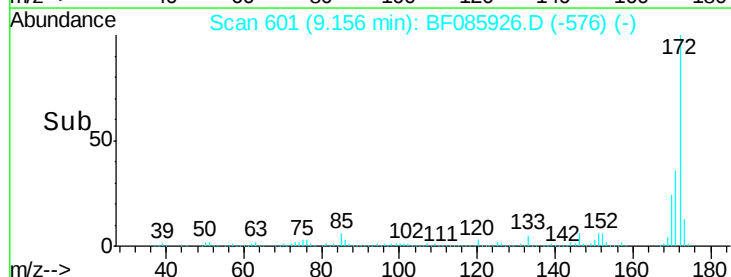
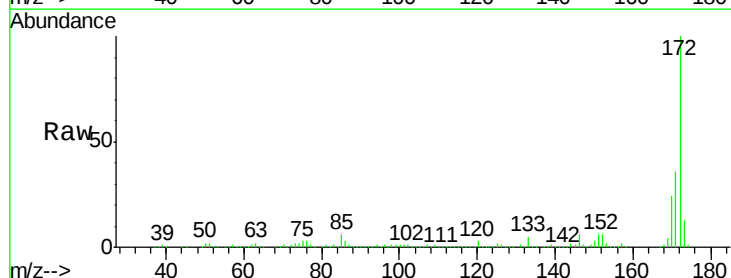
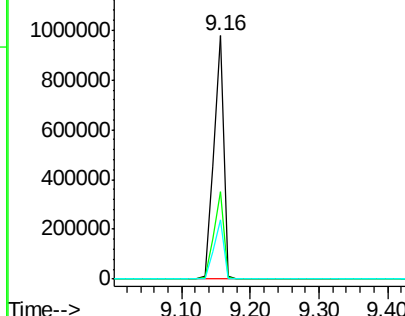
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

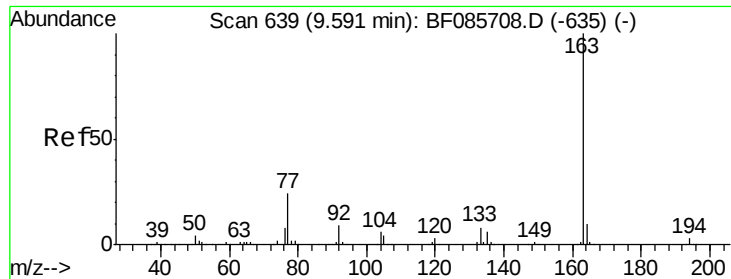


#44
 2-Fluorobiphenyl
 Concen: 86.74 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085926.D
 Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1007982		
171	35.9	29.4	44.2	
170	24.5	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





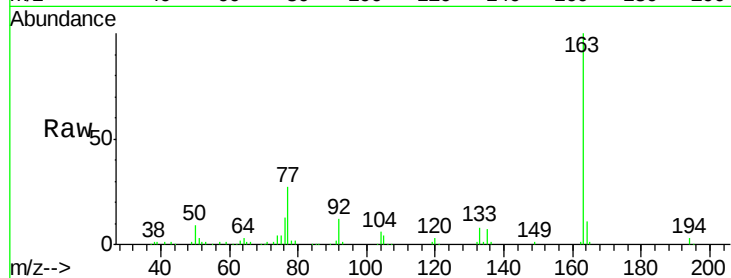
#49
Dimethylphthalate
Concen: 11.94 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SP-10

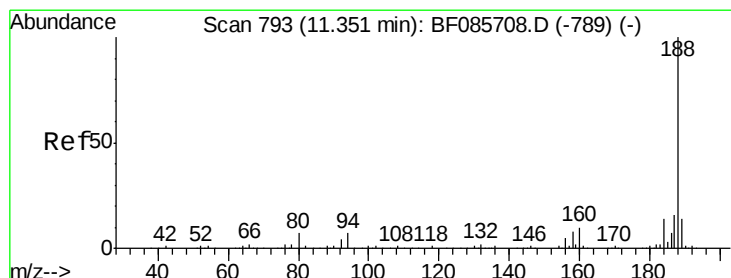
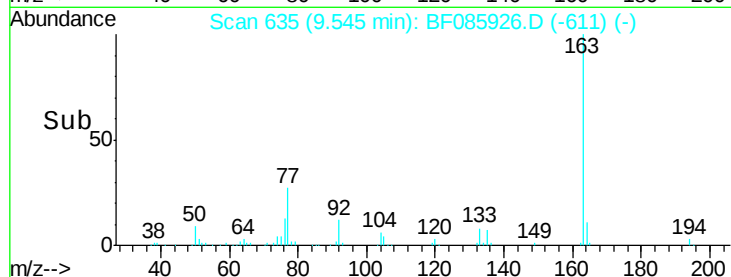
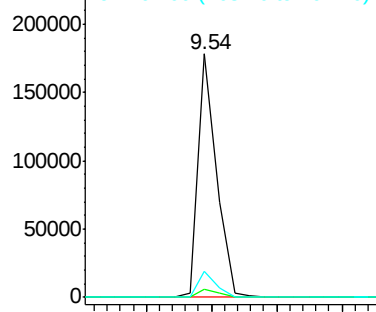
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.9	4.3
164	10.5	8.3	12.5

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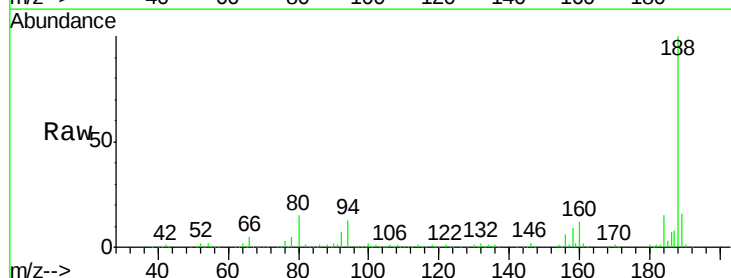


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

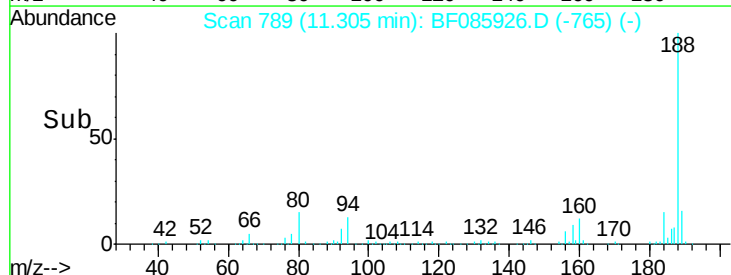
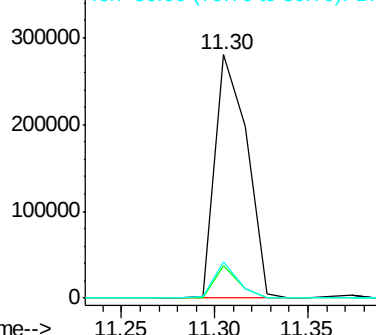


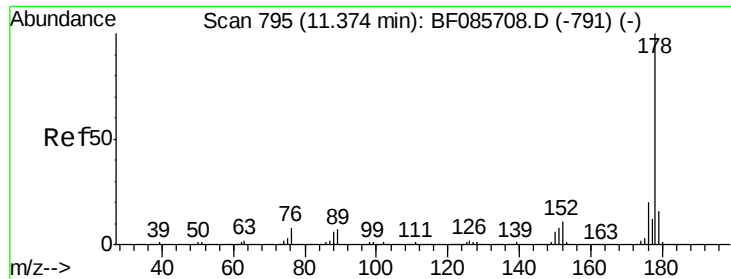
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.1	5.4	8.0#
80	15.0	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





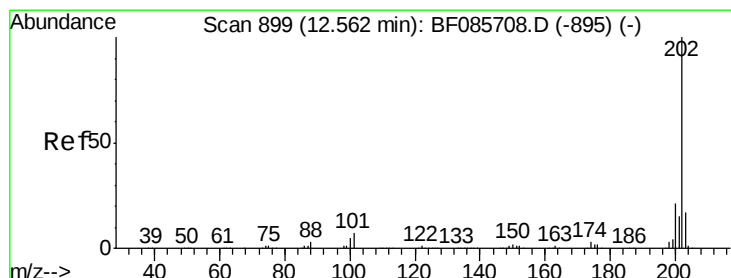
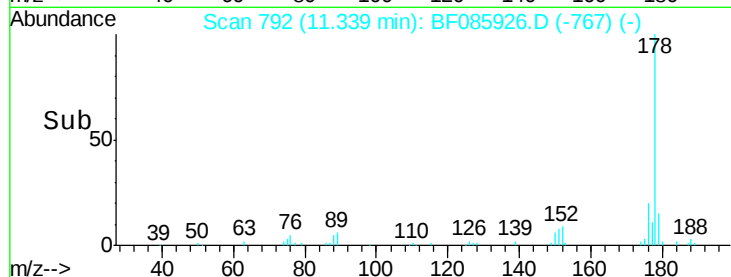
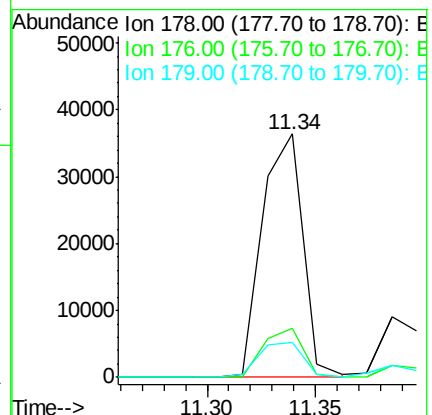
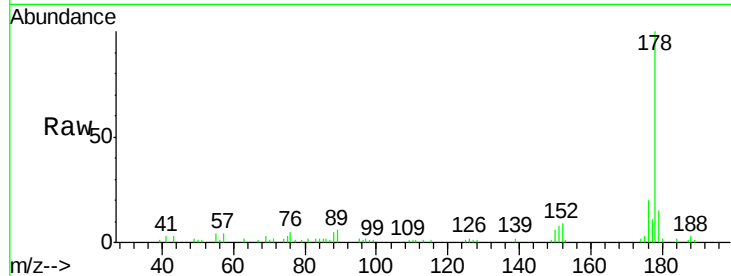
#70
Phenanthrene
Concen: 2.77 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	14.6	12.6	18.8

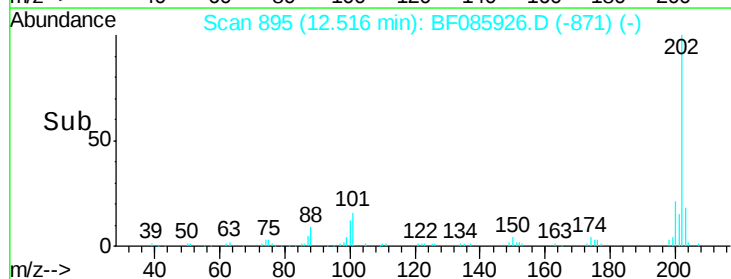
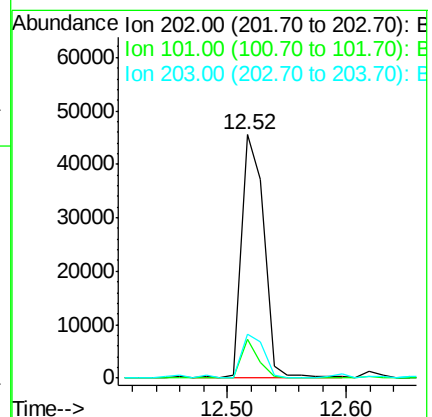
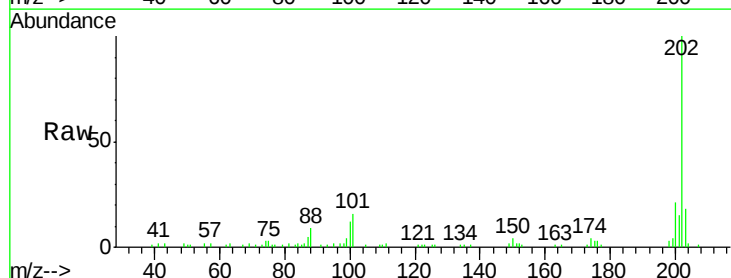
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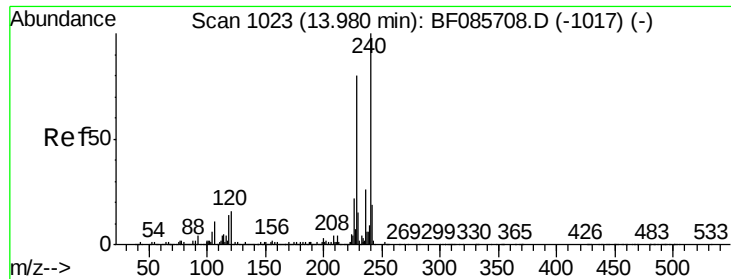
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#74
Fluoranthene
Concen: 3.30 ng
RT: 12.52 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	36.6
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085926.D

Acq: 31 Mar 2016 14:35

Instrument :

BNA_F

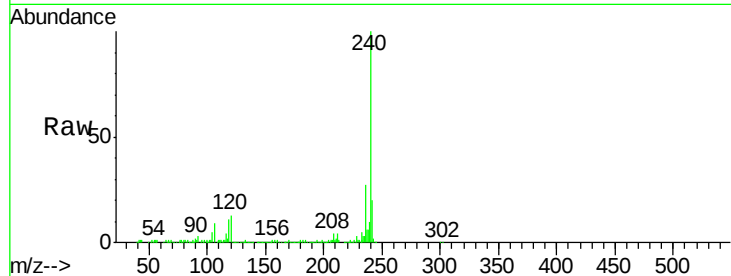
ClientSampleId :

SP-10

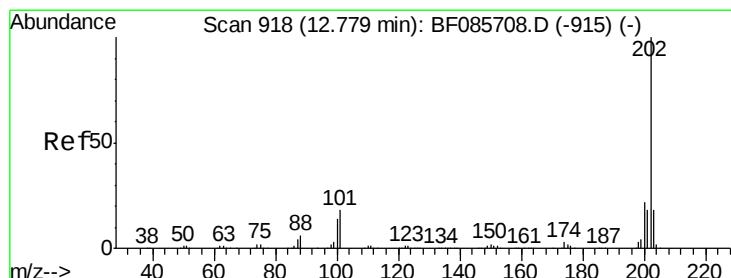
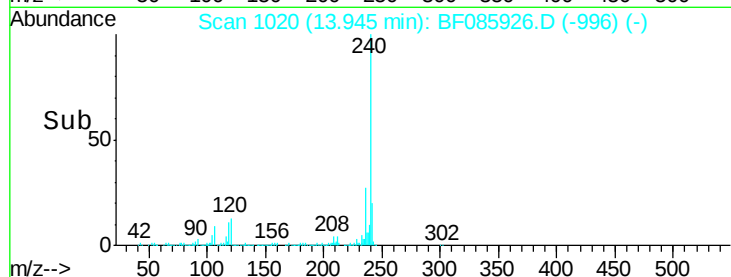
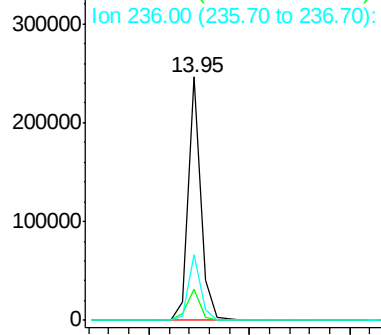
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	214898		
120	12.7	13.8	20.8#	
236	27.1	20.6	30.8	

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



#77

Pyrene

Concen: 3.16 ng

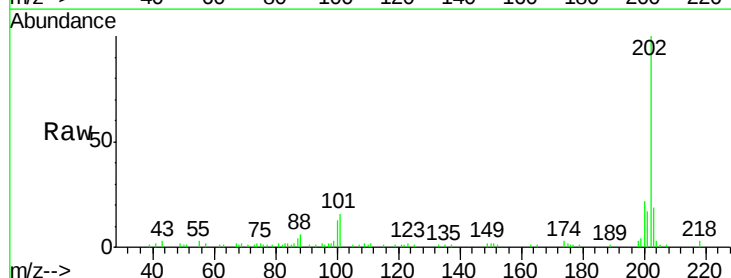
RT: 12.74 min Scan# 915

Delta R.T. -0.02 min

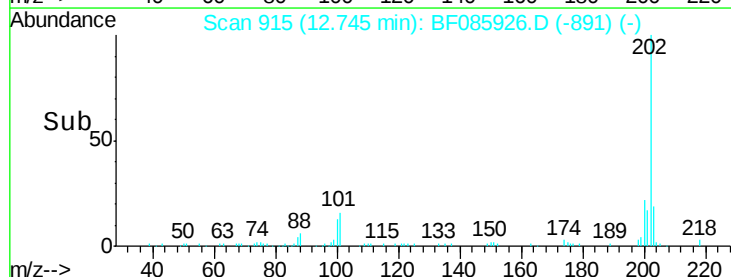
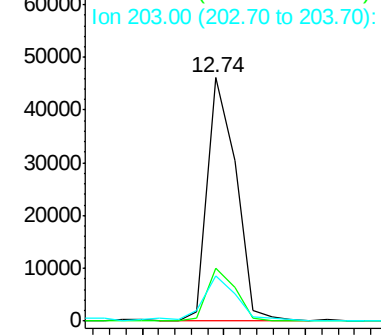
Lab File: BF085926.D

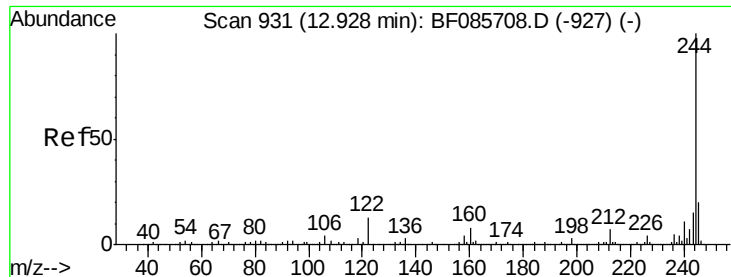
Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	55895		
200	21.8	17.6	26.4	
203	18.6	14.0	21.0	



Abundance Ion 202.00 (201.70 to 202.70): E





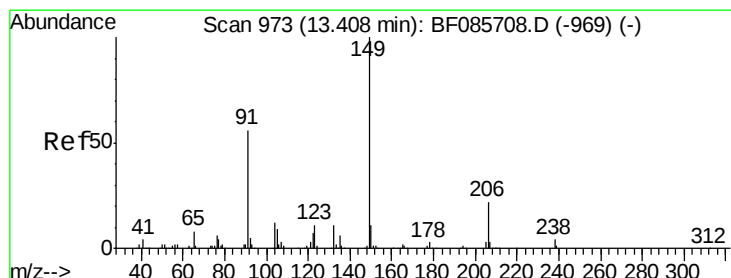
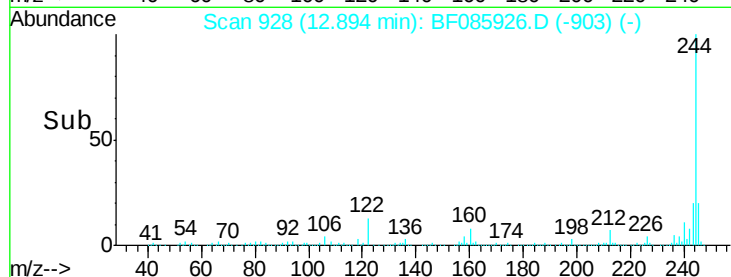
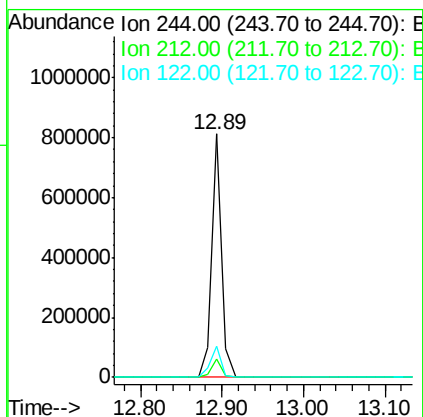
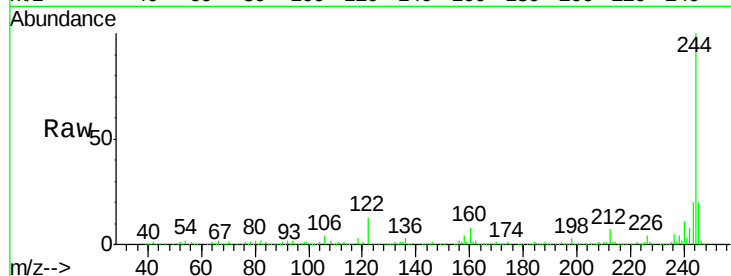
#78
 Terphenyl-d14
 Concen: 66.76 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085926.D
 Acq: 31 Mar 2016 14:35

Instrument :
 BNA_F
 ClientSampleID :
 SP-10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	697624		
212	7.5	6.1	9.1	
122	12.9	10.2	15.4	

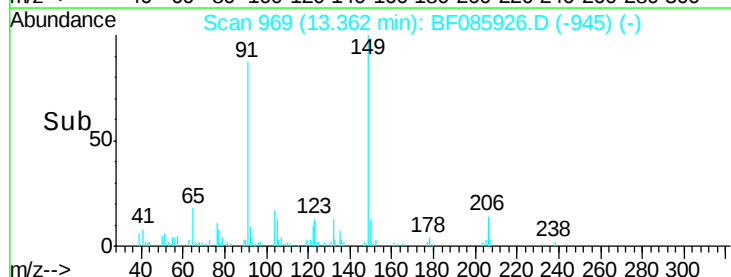
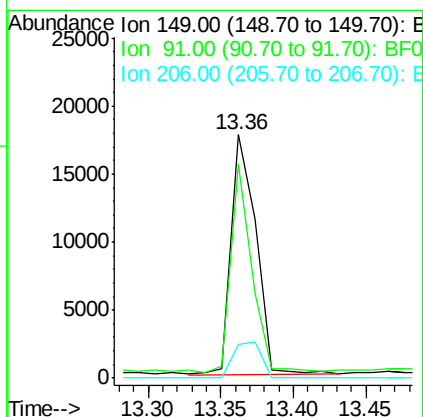
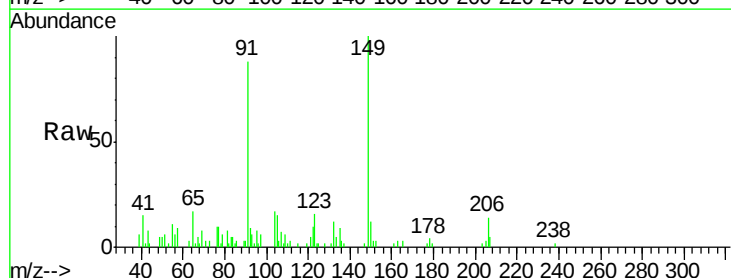
Manual Integrations
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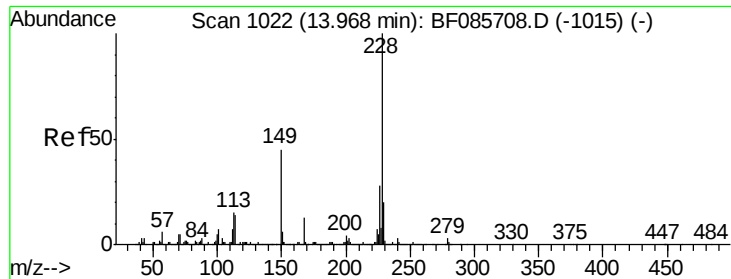
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#79
 Butylbenzylphthalate
 Concen: 2.83 ng
 RT: 13.36 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF085926.D
 Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	20972		
91	88.0	45.8	68.8#	
206	14.0	17.8	26.8#	





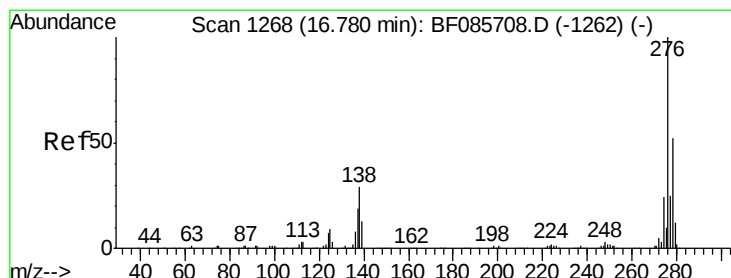
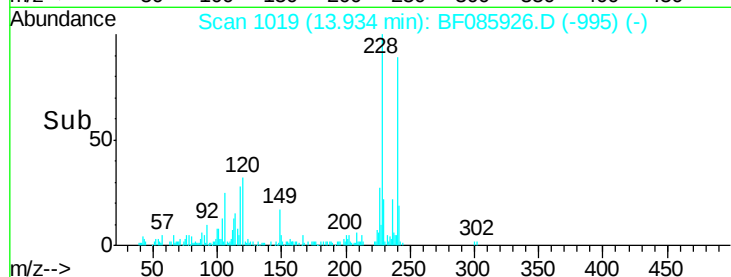
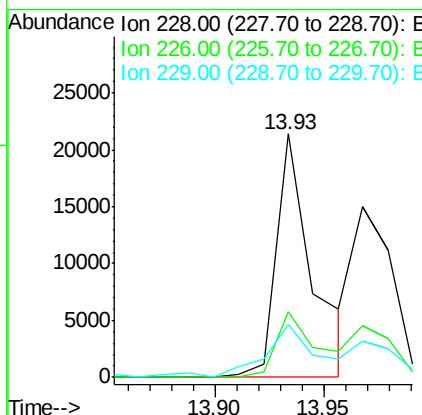
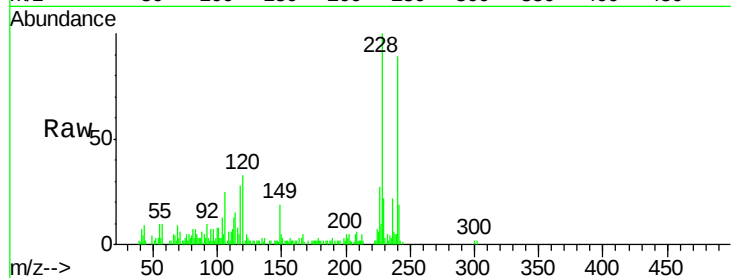
#80
Benzo(a)anthracene
Concen: 2.02 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	21.8	16.2	24.4

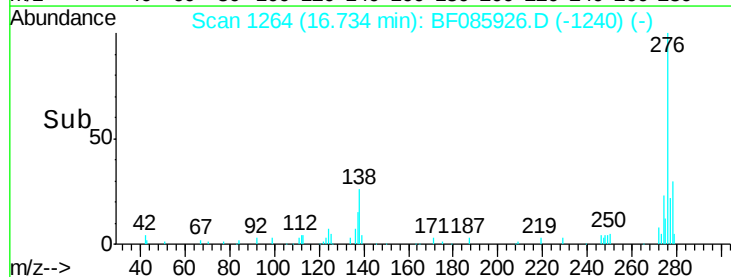
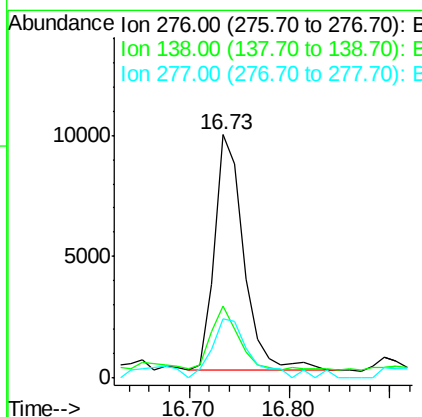
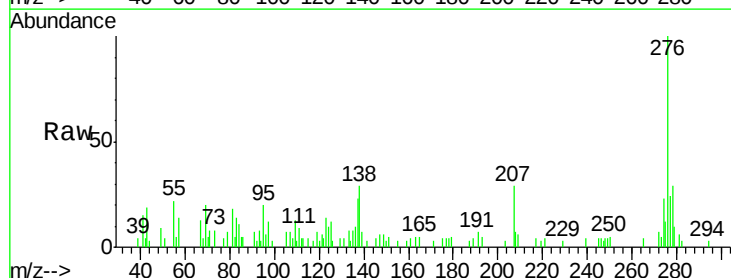
Manual Integrations
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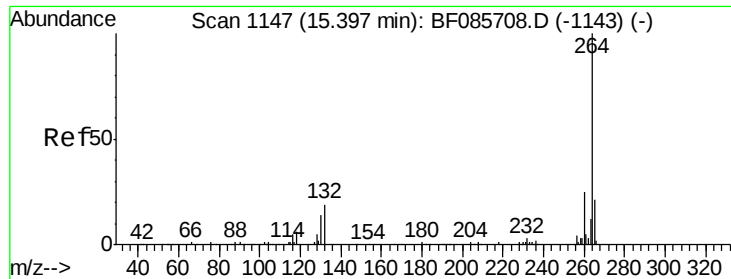
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 16.73 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	24.2	36.4
277	31.2	20.0	30.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF085926.D

Acq: 31 Mar 2016 14:35

Instrument :

BNA_F

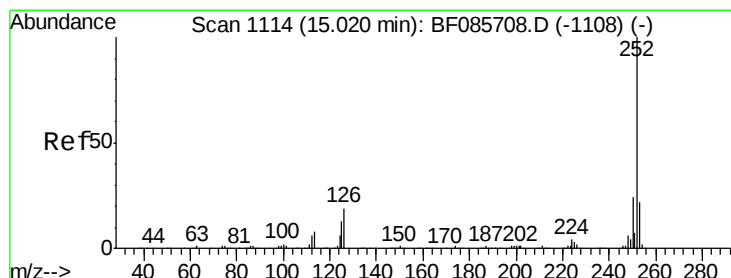
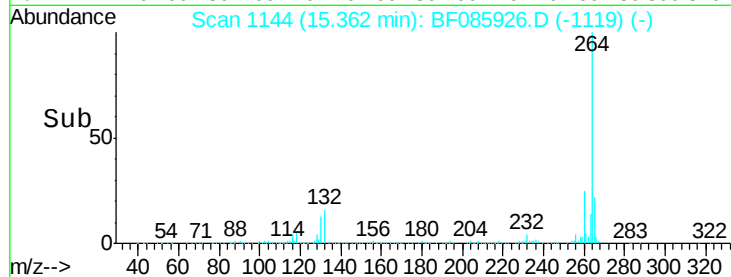
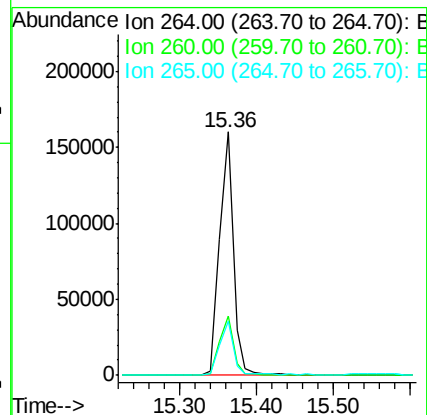
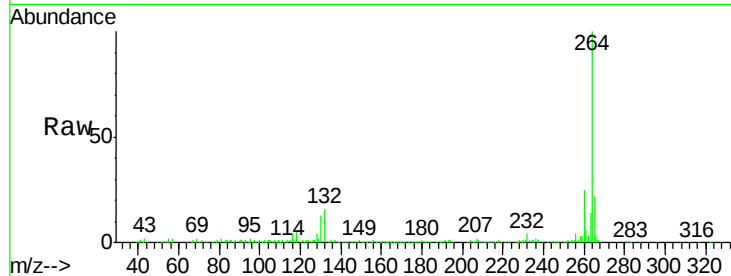
ClientSampleId :

SP-10

Tgt Ion:	264	Resp:	202187
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 2.13 ng m

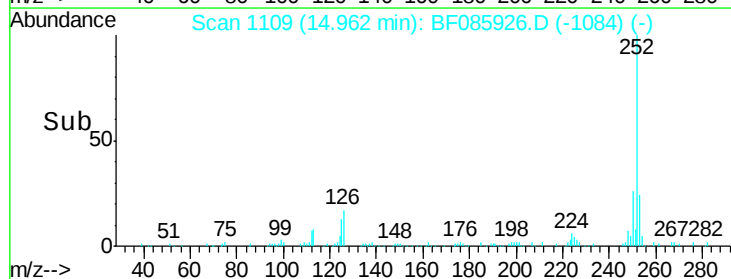
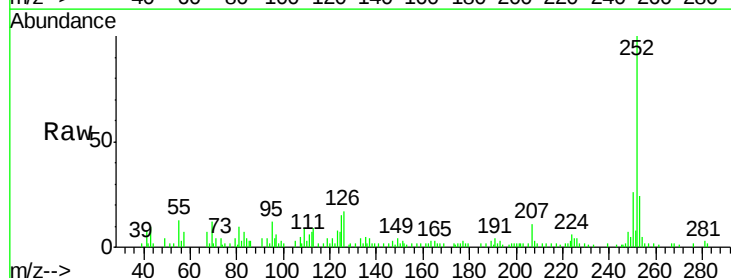
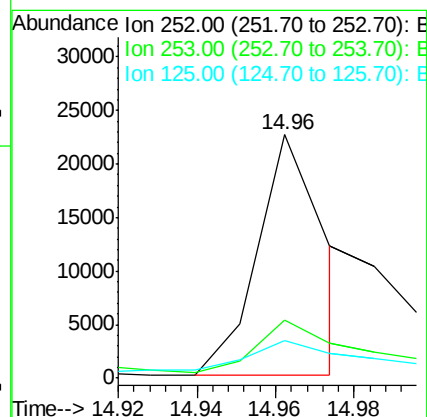
RT: 14.96 min Scan# 1109

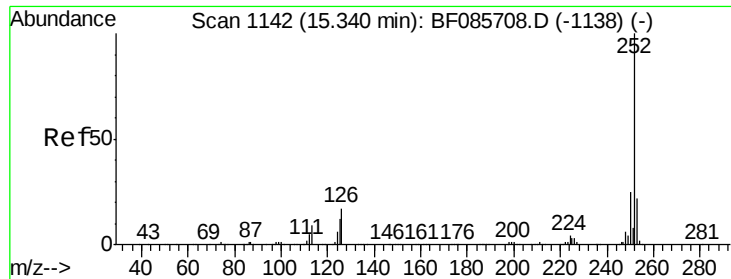
Delta R.T. -0.01 min

Lab File: BF085926.D

Acq: 31 Mar 2016 14:35

Tgt Ion:	252	Resp:	27068
Ion Ratio		Lower	Upper
252	100		
253	23.7	17.6	26.4
125	15.5	10.3	15.5





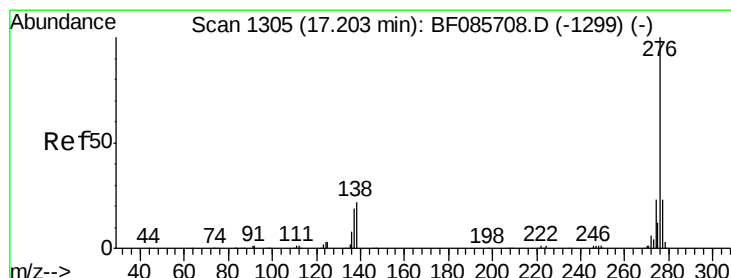
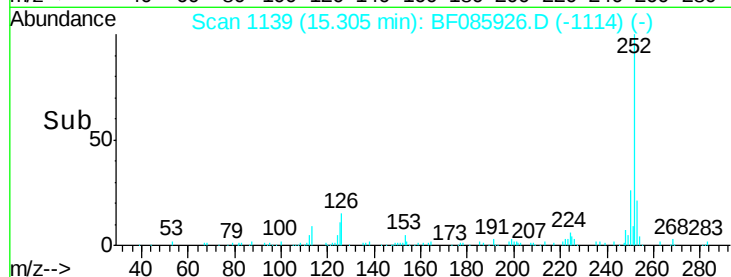
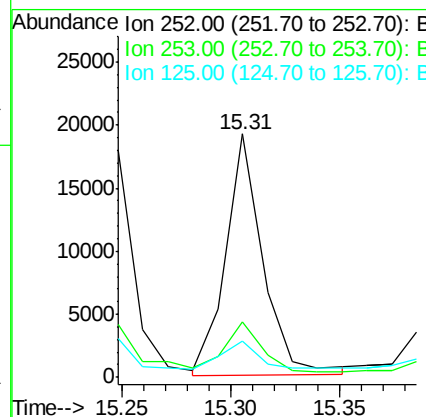
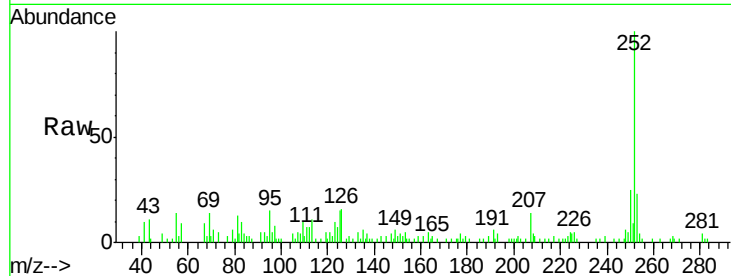
#89
Benzo(a)pyrene
Concen: 2.01 ng
RT: 15.31 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Instrument :
BNA_F
ClientSampled :
SP-10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	14.9	10.3	15.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.58 ng
RT: 17.15 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF085926.D
Acq: 31 Mar 2016 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	26.6	22.6	34.0

