

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085804.D
 Acq On : 28 Mar 2016 16:28
 Operator : UM/SJ
 Sample : H1941-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Manual Integrations
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Sohil
 3/29/2016 12:03:13 PM

Quant Time: Mar 28 17:22:53 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 15:50:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111143	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	434627	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	192280	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	355732	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	205987	20.00	ng	-0.01
86) Perylene-d12	15.40	264	200387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	903918	135.45	ng	0.01
7) Phenol-d6	6.46	99	1198091	141.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	767000	99.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	300313	164.39	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1113702	96.77	ng	-0.01
78) Terphenyl-d14	12.93	244	1019233	101.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	237141	16.26	ng	98
70) Phenanthrene	11.36	178	53375	2.92	ng	96
74) Fluoranthene	12.55	202	76952	3.96	ng	92
77) Pyrene	12.78	202	73416	4.34	ng	99
80) Benzo(a)anthracene	13.97	228	31529	2.68	ng	92
82) Chrysene	14.00	228	28504m	2.41	ng	
83) Bis(2-ethylhexyl)phthalate	13.96	149	22928	2.70	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.77	276	29793	3.26	ng	96
87) Benzo(b)fluoranthene	14.99	252	41988m	3.33	ng	
89) Benzo(a)pyrene	15.33	252	29792	2.66	ng	# 92
91) Benzo(g,h,i)perylene	17.19	276	46415	4.40	ng	94

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

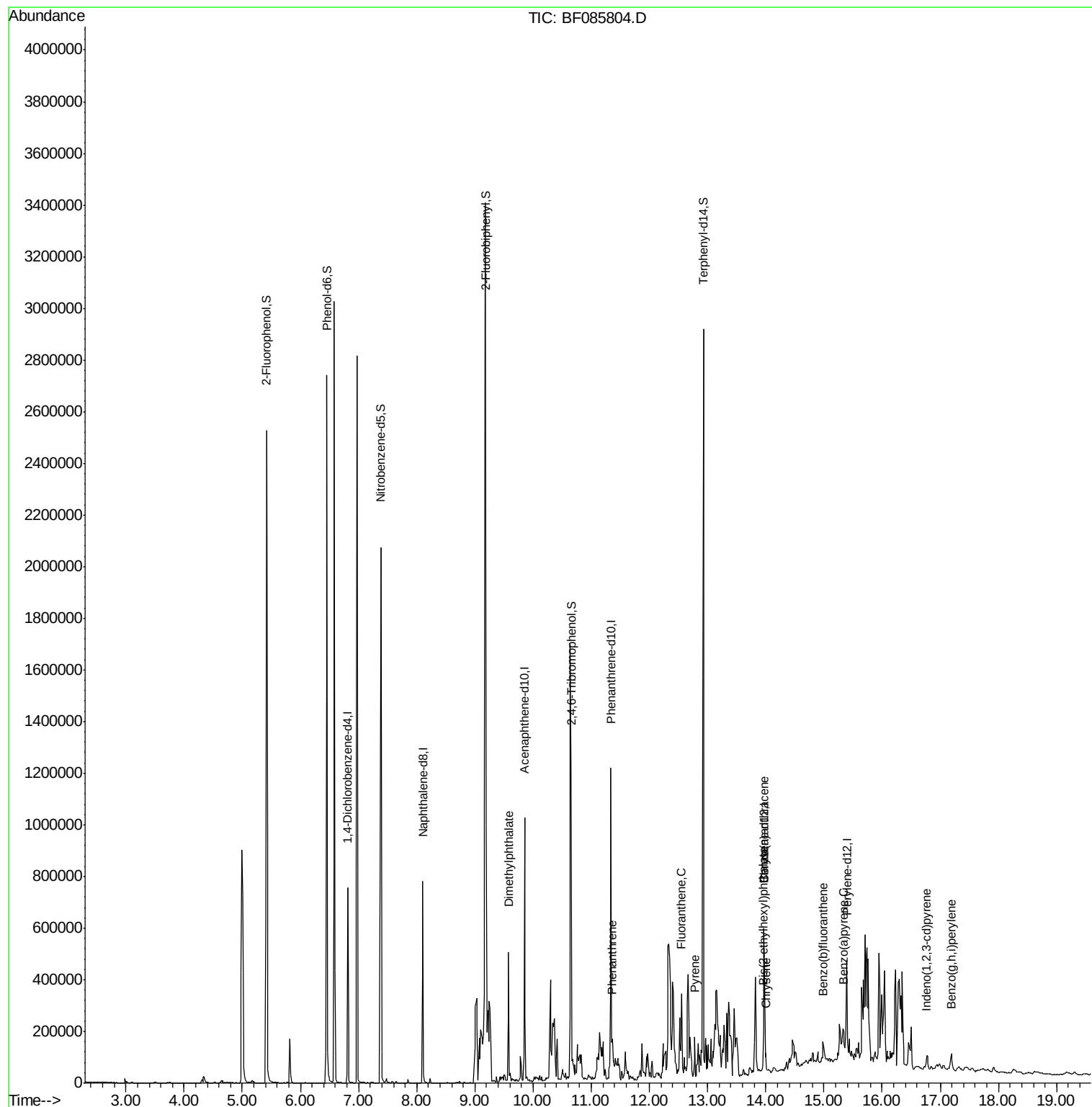
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085804.D
Acq On : 28 Mar 2016 16:28
Operator : UM/SJ
Sample : H1941-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

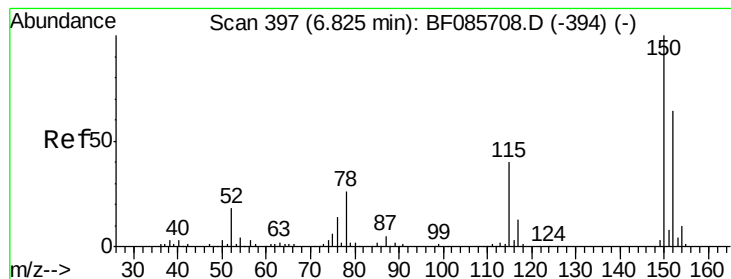
Instrument :
BNA_F
ClientSampleId :
SP-7

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#1

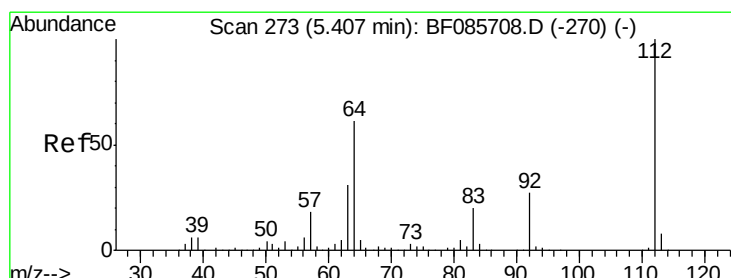
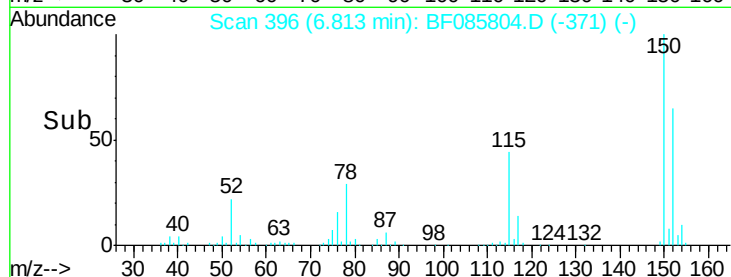
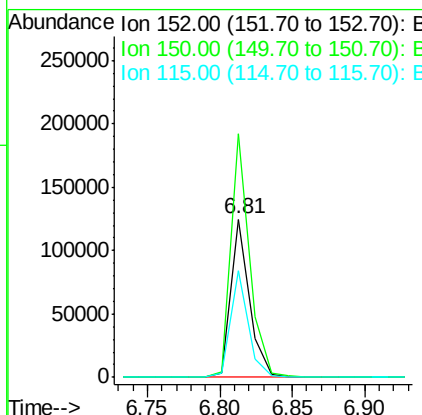
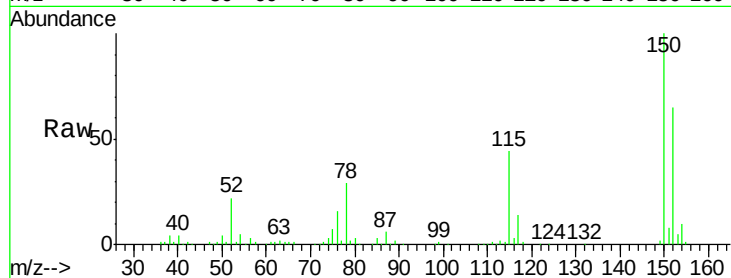
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085804.D
Acq: 28 Mar 2016 16:28

Instrument :
BNA_F
ClientSampled :
SP-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	67.2	47.0	70.6

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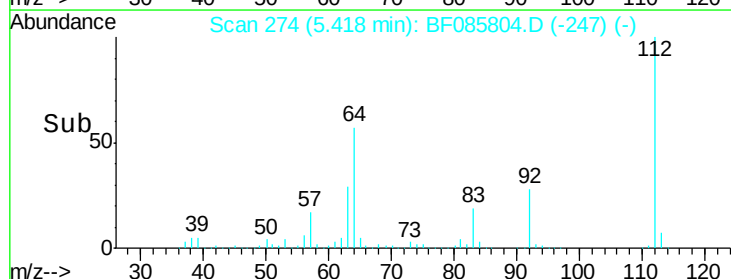
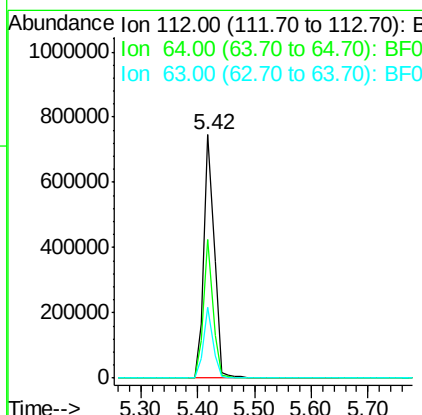
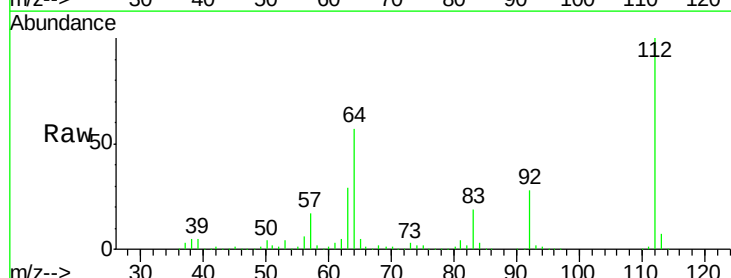
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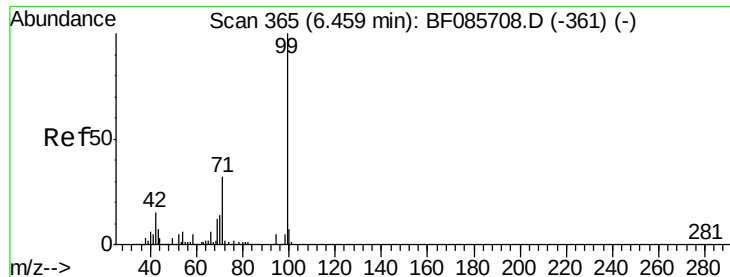


#5

2-Fluorophenol
Concen: 135.45 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085804.D
Acq: 28 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	39.9	59.9
63	29.0	20.2	30.2





#7

Phenol-d6

Concen: 141.20 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Instrument :

BNA_F

ClientSampled :

SP-7

Tgt Ion: 99 Resp: 1198091

Ion Ratio Lower Upper

99 100

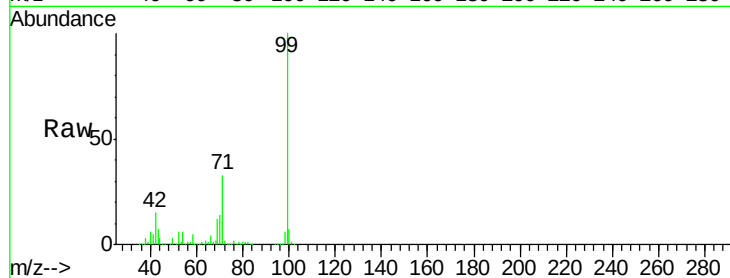
42 15.0 11.1 16.7

71 33.1 24.9 37.3

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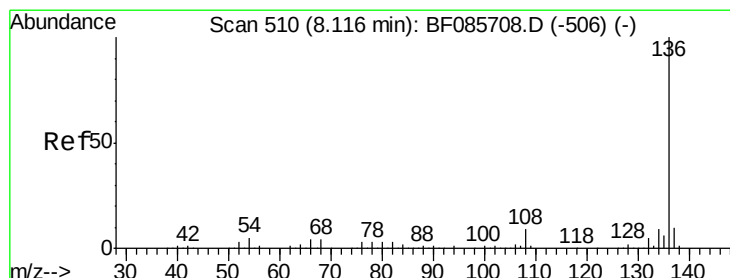
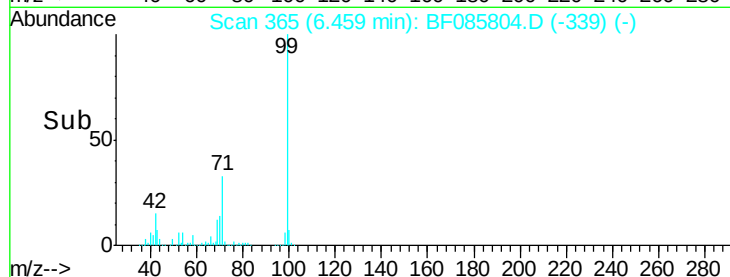
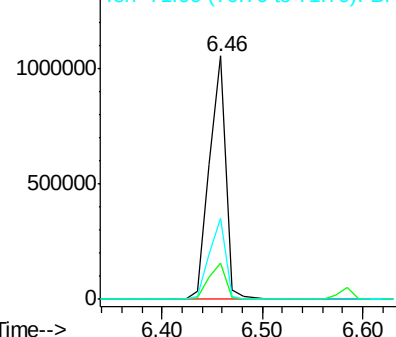
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Tgt Ion: 136 Resp: 434627

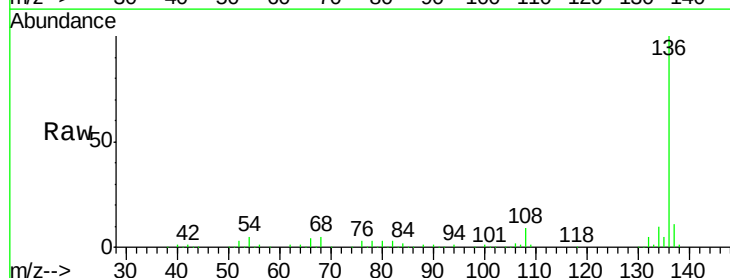
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.3 7.4 11.0#

68 4.5 5.8 8.8#

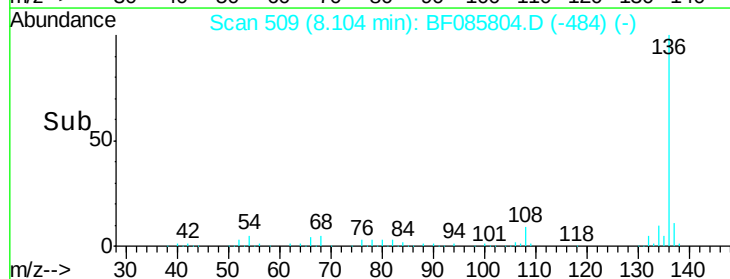
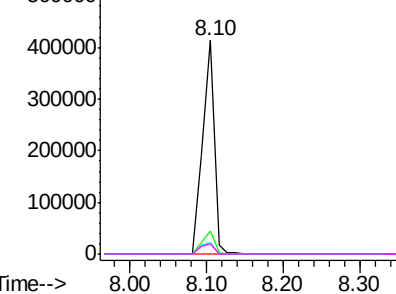


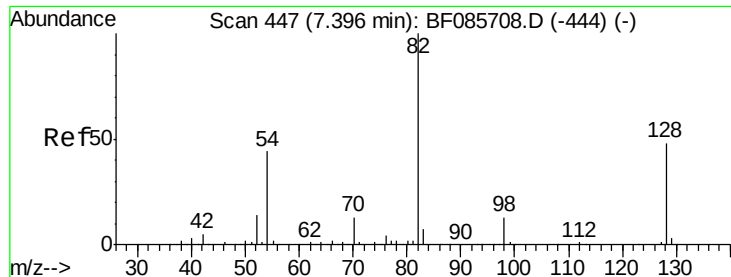
Abundance Ion 136.00 (135.70 to 136.70): E

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





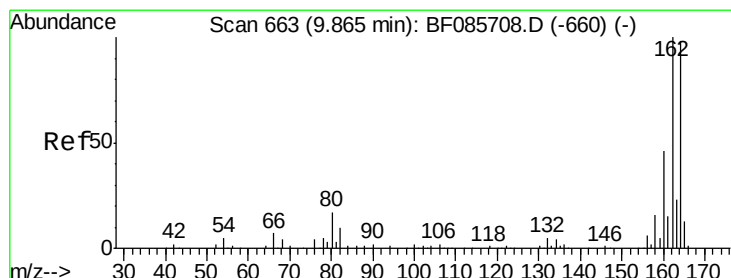
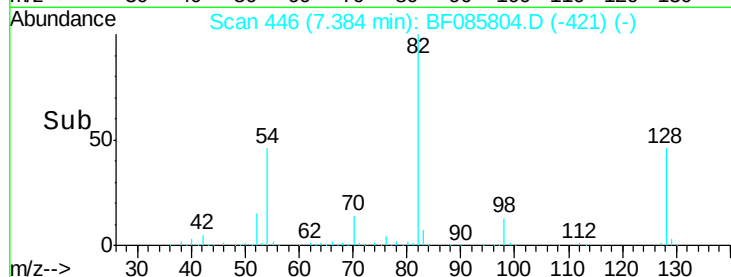
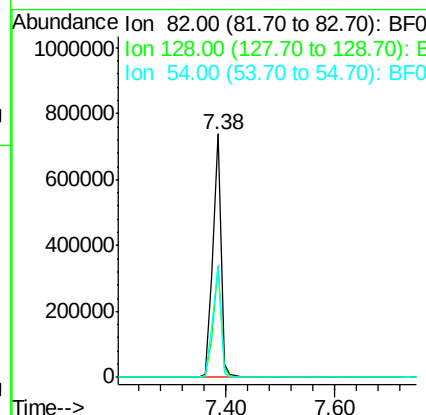
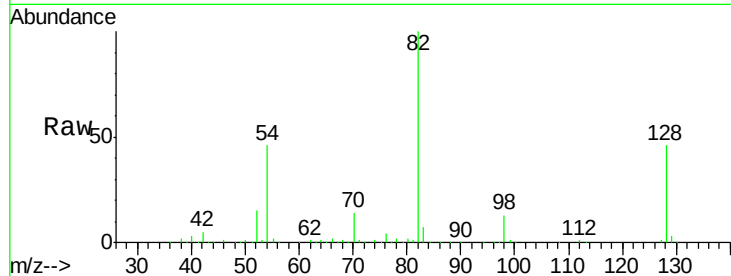
#23
 Nitrobenzene-d5
 Concen: 99.38 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085804.D
 Acq: 28 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampled :
 SP-7

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	41.8	62.8
54	45.8	33.4	50.0

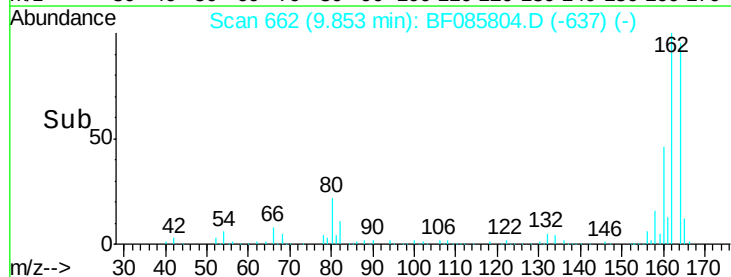
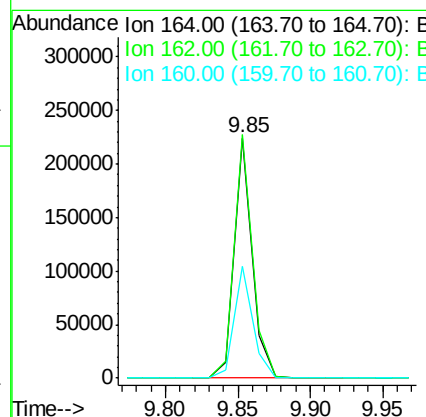
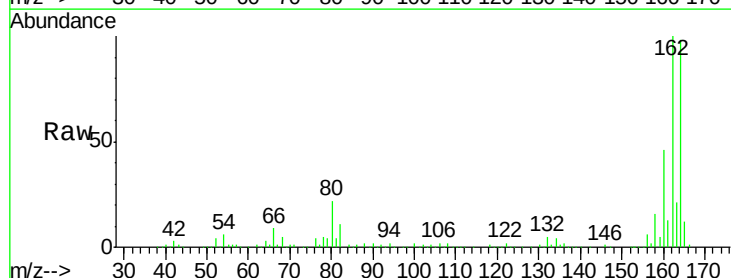
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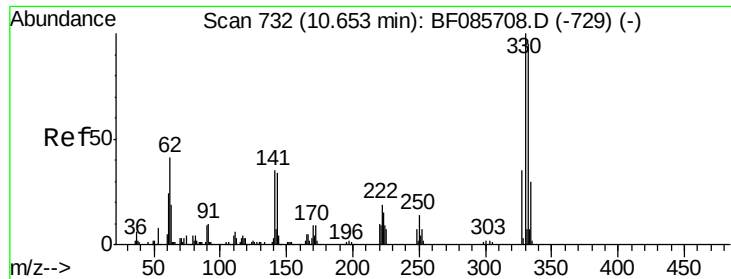
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085804.D
 Acq: 28 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	46.9	37.4	56.2





#41

2,4,6-Tribromophenol

Concen: 164.39 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Instrument :

BNA_F

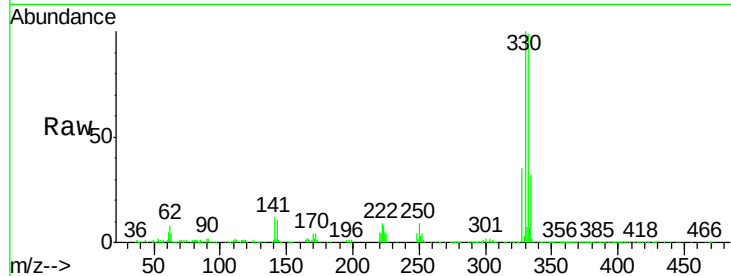
ClientSampleId :

SP-7

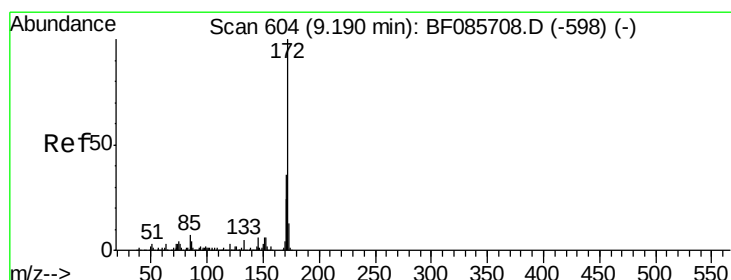
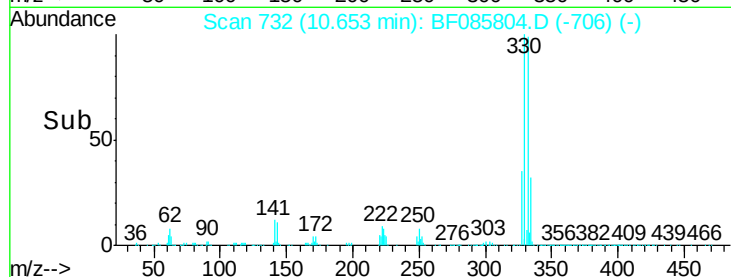
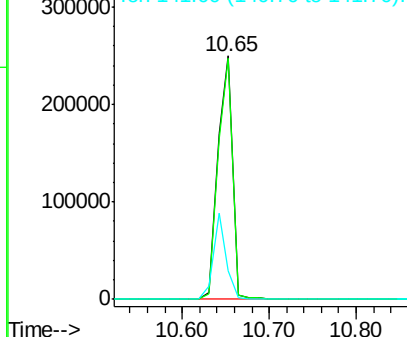
Tgt Ion:	330	Resp:	300313
Ion Ratio		Lower	Upper
330	100		
332	97.9	78.2	117.2
141	31.1	31.5	47.3#

Manual Integrations
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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: 96.77 ng

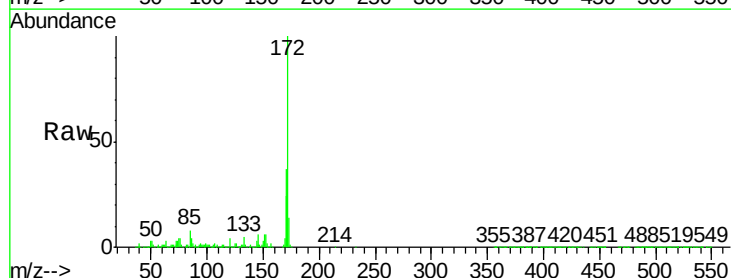
RT: 9.18 min Scan# 603

Delta R.T. -0.01 min

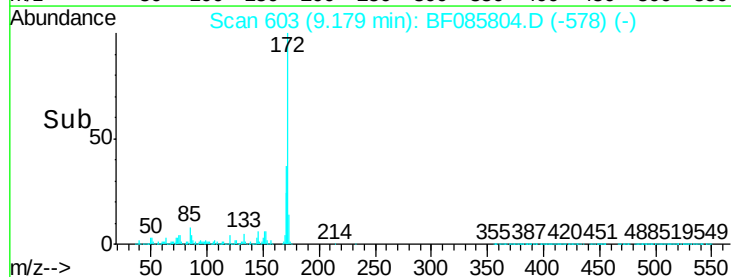
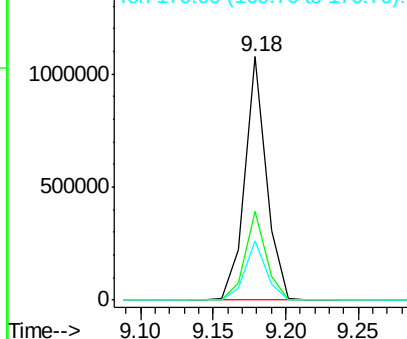
Lab File: BF085804.D

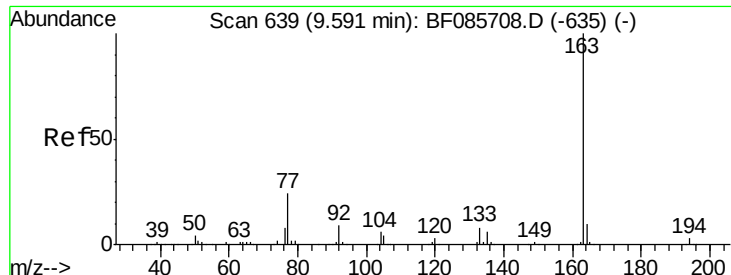
Acq: 28 Mar 2016 16:28

Tgt Ion:	172	Resp:	1113702
Ion Ratio		Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.4	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





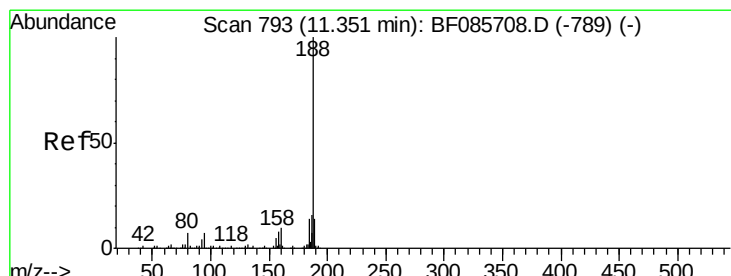
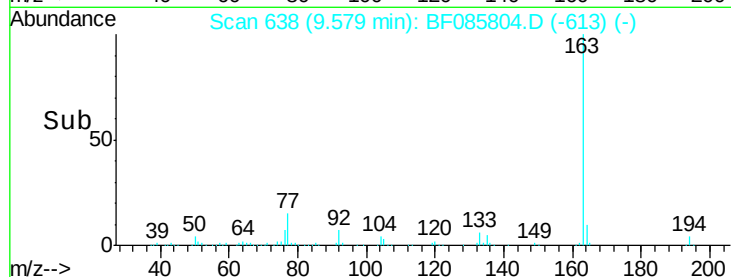
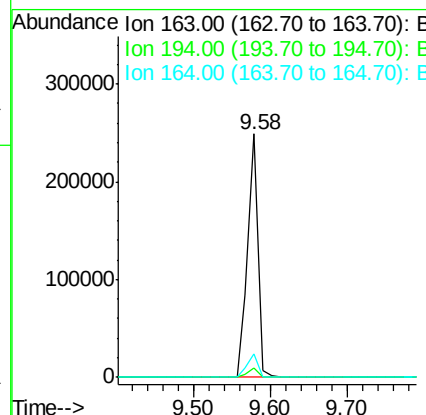
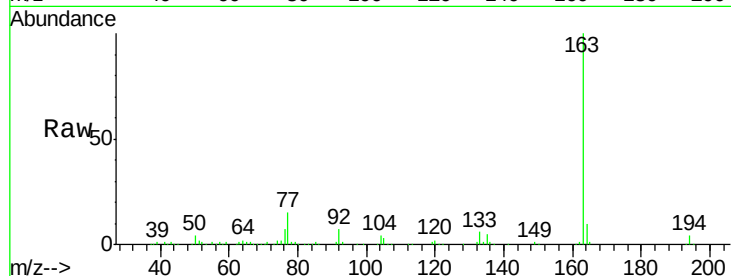
#49
Dimethylphthalate
Concen: 16.26 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085804.D
Acq: 28 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
SP-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.9	4.3
164	9.6	8.3	12.5

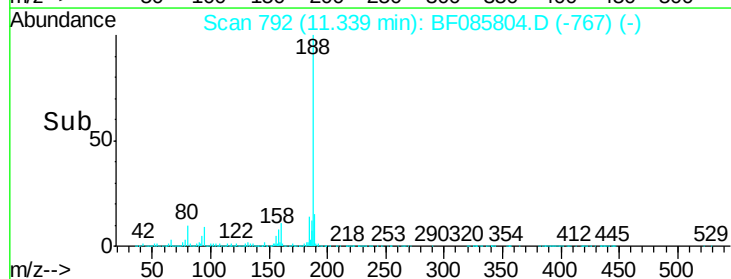
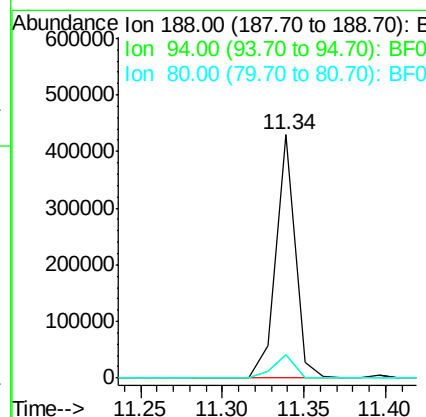
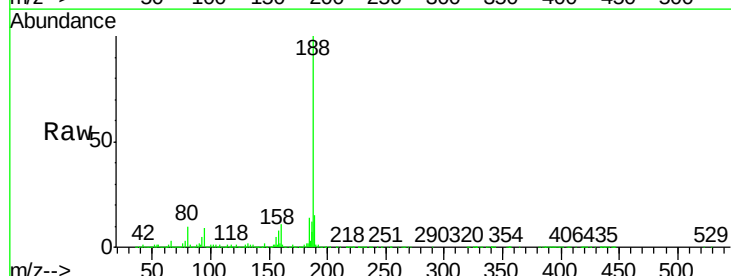
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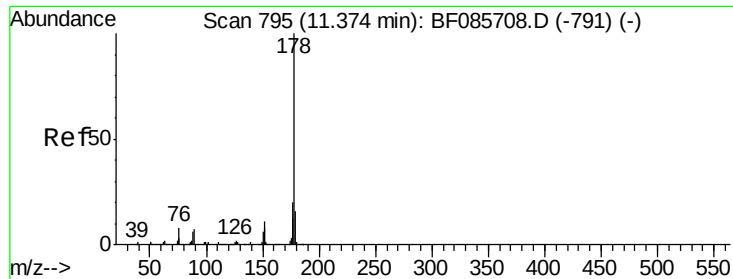
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085804.D
Acq: 28 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	5.4	8.0#
80	9.6	5.5	8.3#





#70

Phenanthrene

Concen: 2.92 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Instrument :

BNA_F

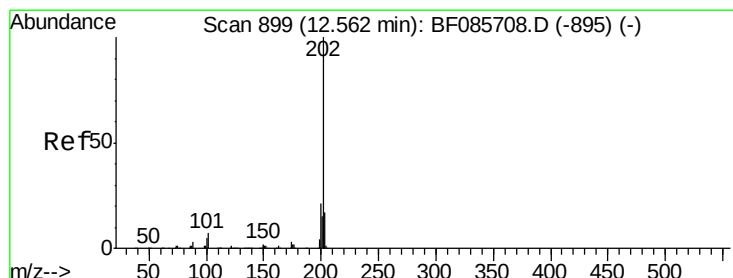
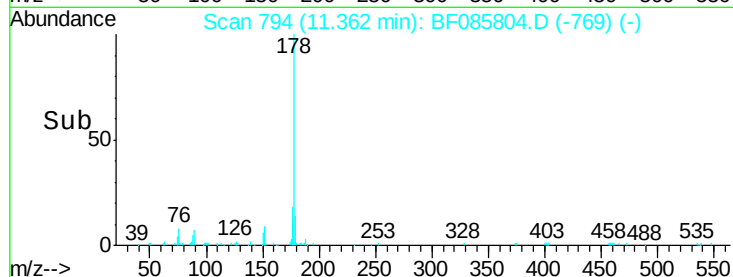
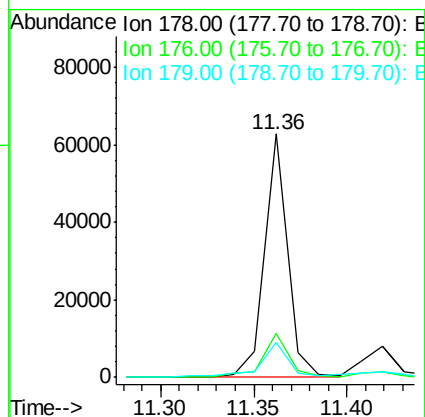
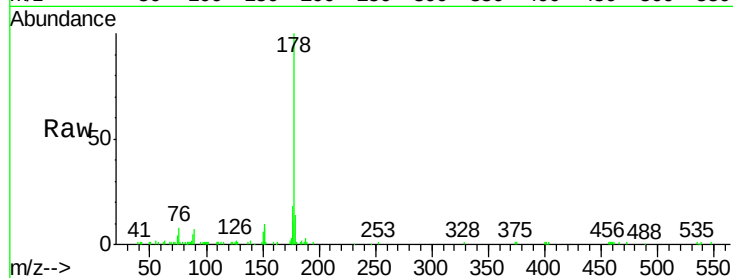
ClientSampleId :

SP-7

Tgt Ion:	178	Resp:	53375
Ion Ratio	Lower	Upper	
178	100		
176	18.2	16.3	24.5
179	14.3	12.6	18.8

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#74

Fluoranthene

Concen: 3.96 ng

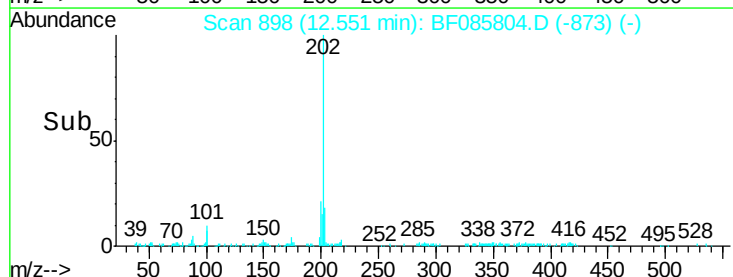
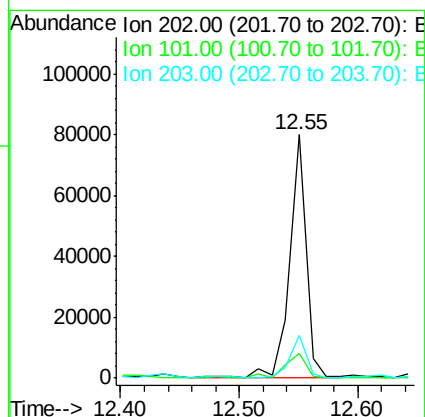
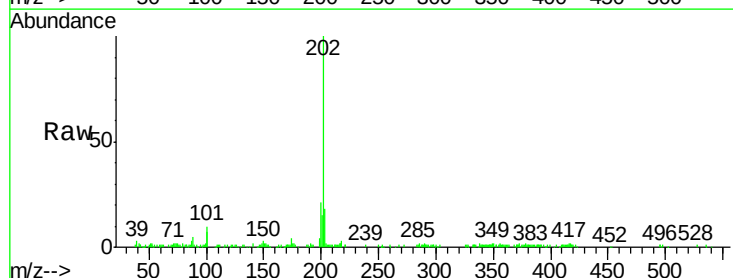
RT: 12.55 min Scan# 898

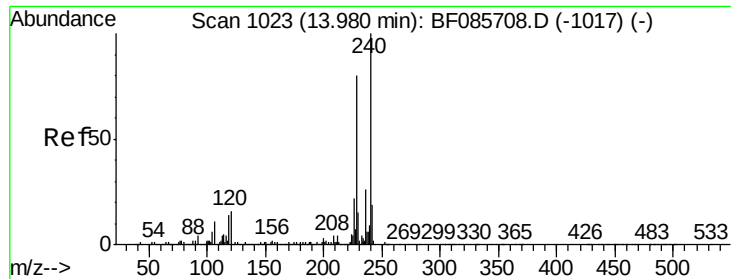
Delta R.T. -0.01 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Tgt Ion:	202	Resp:	76952
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	36.6
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Instrument :

BNA_F

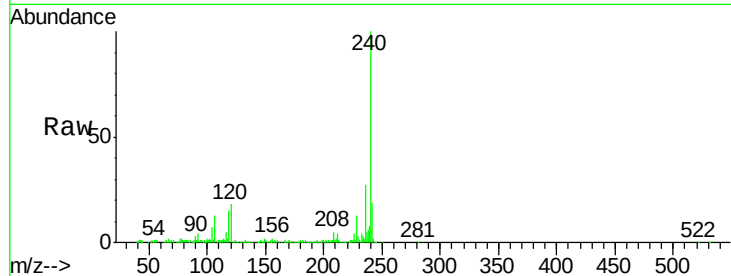
ClientSampleId :

SP-7

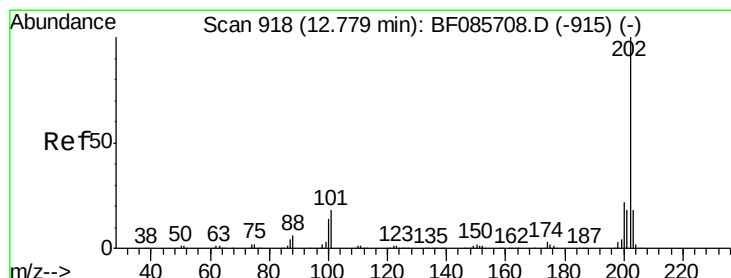
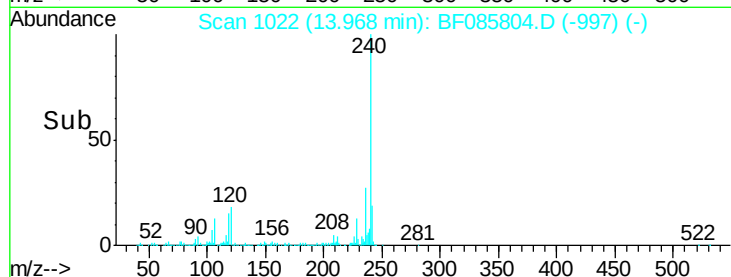
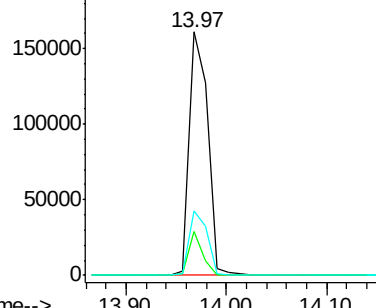
Tgt Ion:	240	Resp:	205987
Ion Ratio	Lower	Upper	
240	100		
120	18.3	13.8	20.8
236	26.6	20.6	30.8

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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: 4.34 ng

RT: 12.78 min Scan# 918

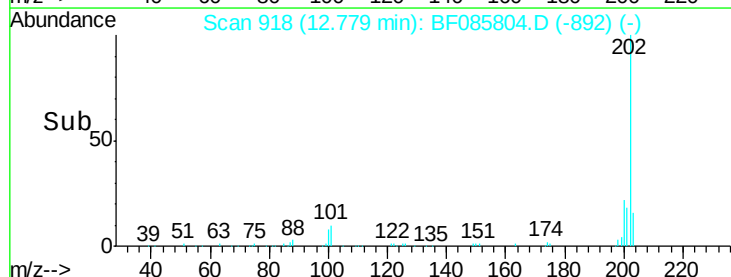
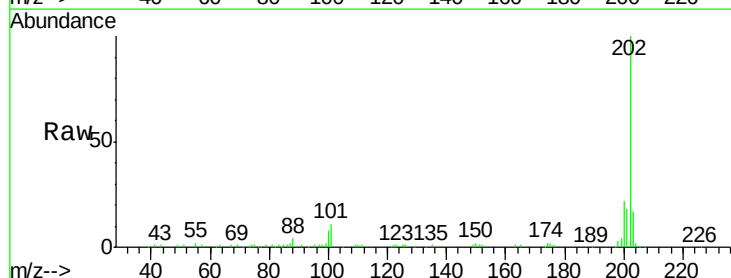
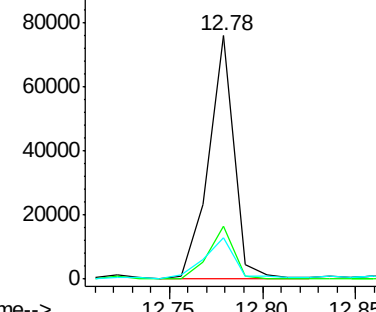
Delta R.T. -0.00 min

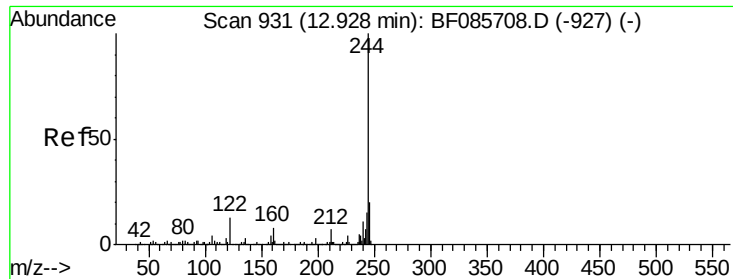
Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Tgt Ion:	202	Resp:	73416
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	16.9	14.0	21.0

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: 101.76 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085804.D

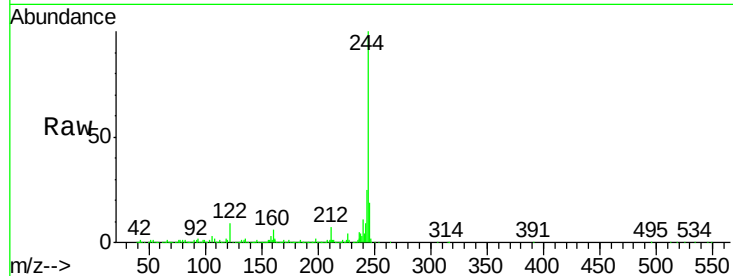
Acq: 28 Mar 2016 16:28

Instrument :

BNA_F

ClientSampled :

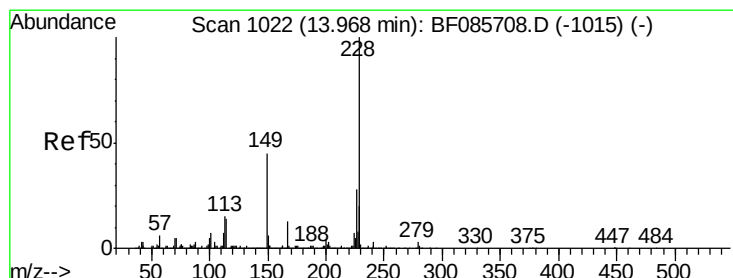
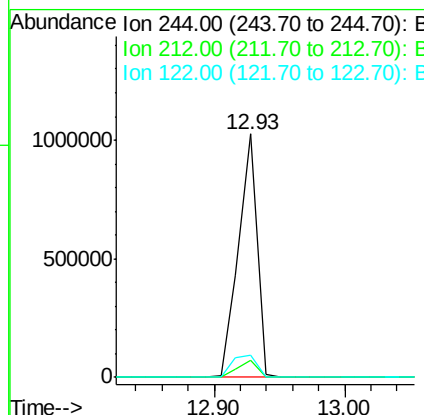
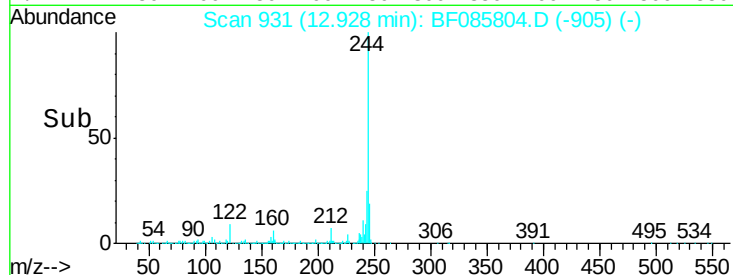
SP-7



Tgt Ion:	244	Resp:	1019233
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.1	9.1
122	9.1	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 2.68 ng

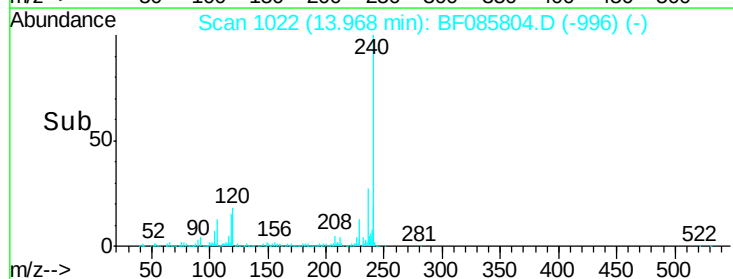
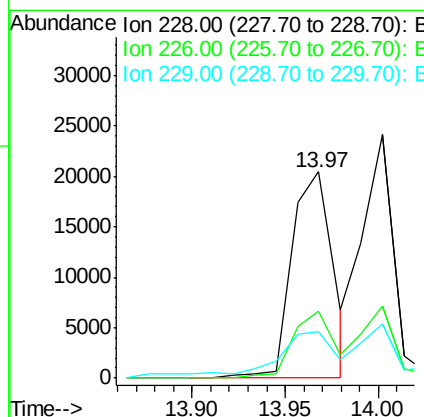
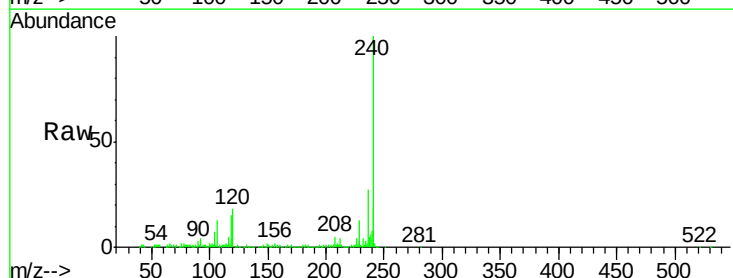
RT: 13.97 min Scan# 1022

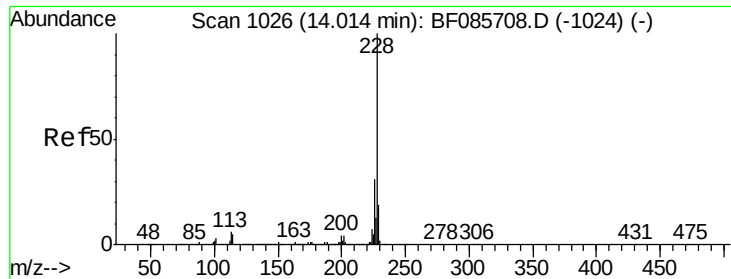
Delta R.T. -0.00 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Tgt Ion:	228	Resp:	31529
Ion Ratio	Lower	Upper	
228	100		
226	32.5	22.1	33.1
229	22.7	16.2	24.4





#82

Chrysene

Concen: 2.41 ng m

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Instrument :

BNA_F

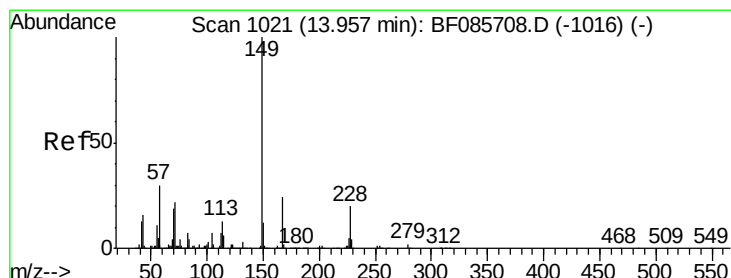
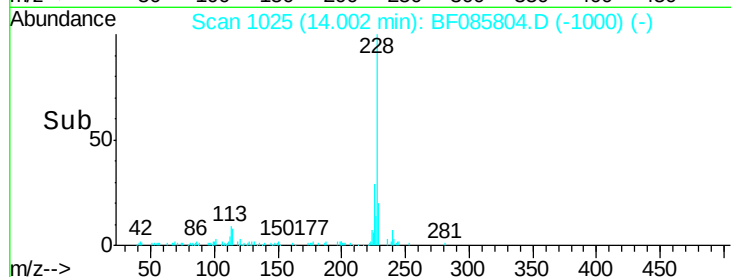
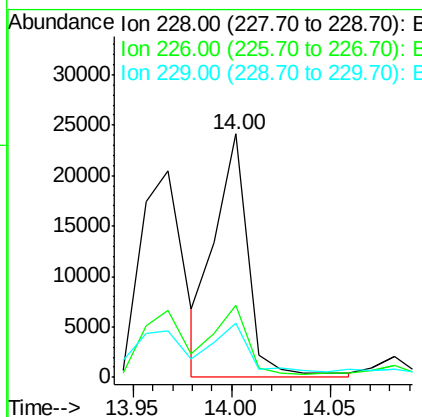
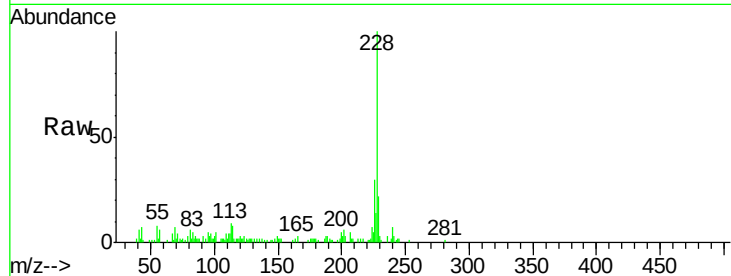
ClientSampleId :

SP-7

Tgt Ion:	228	Resp:	28504
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	22.1	15.7	23.5

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.70 ng

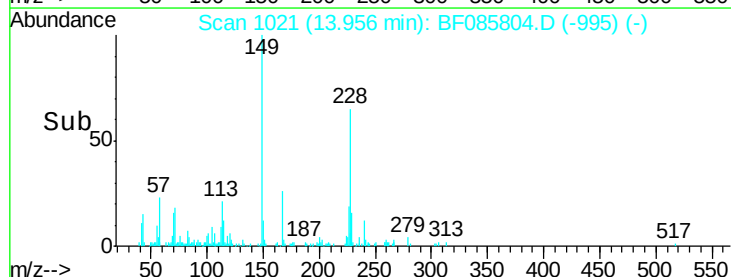
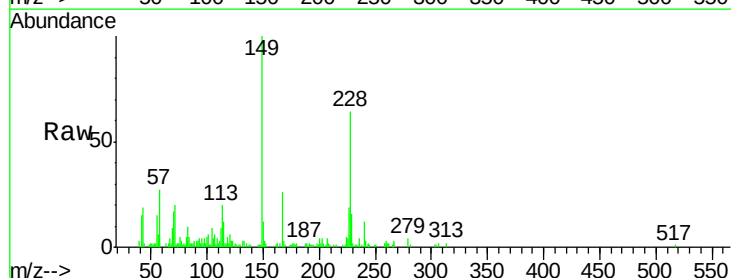
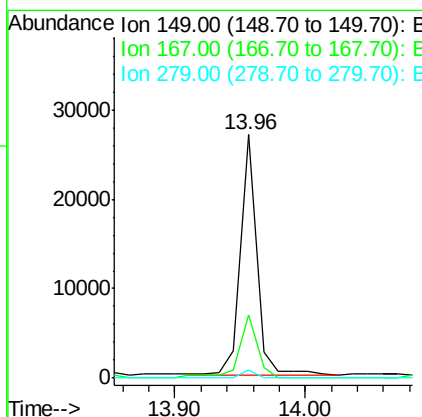
RT: 13.96 min Scan# 1021

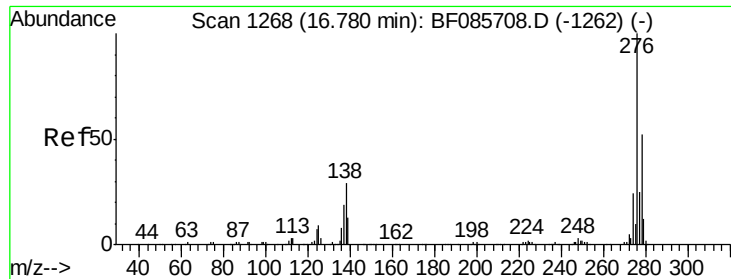
Delta R.T. -0.00 min

Lab File: BF085804.D

Acq: 28 Mar 2016 16:28

Tgt Ion:	149	Resp:	22928
Ion Ratio	Lower	Upper	
149	100		
167	25.9	19.4	29.2
279	3.6	1.5	2.3#





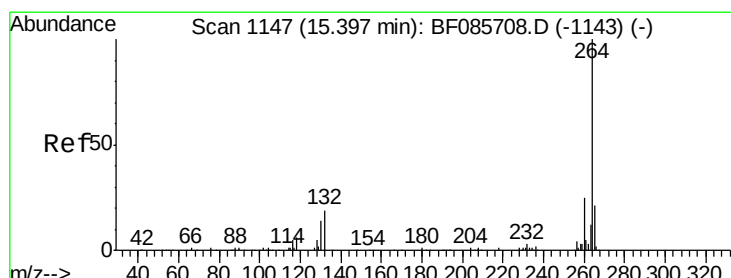
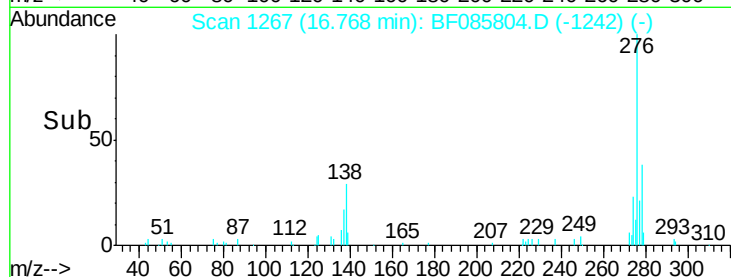
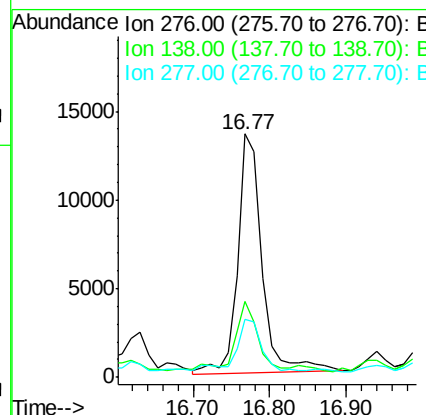
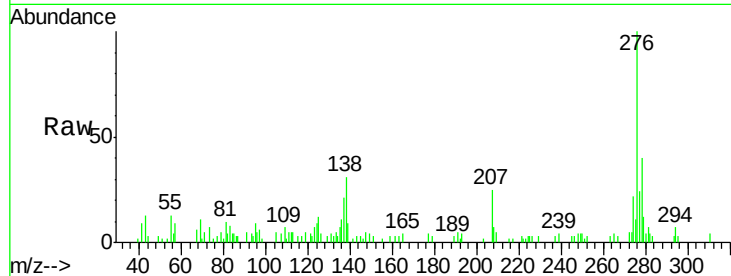
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.26 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF085804.D
 Acq: 28 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.2	36.4
277	23.3	20.0	30.0

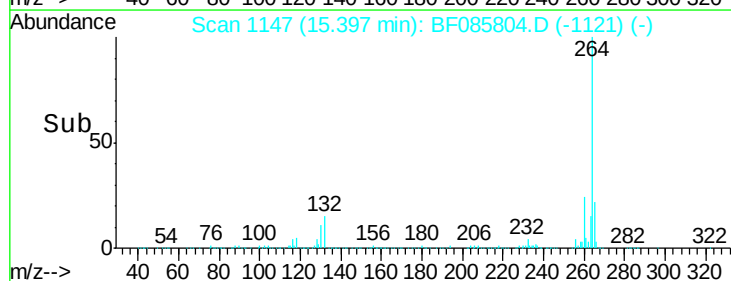
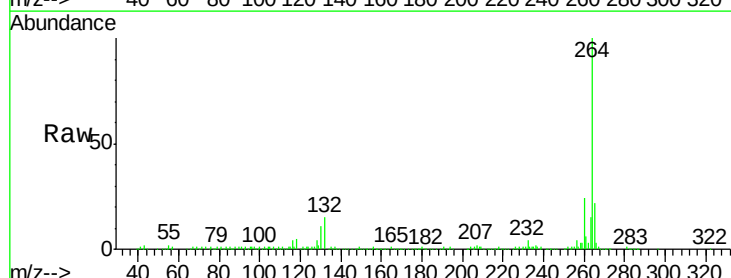
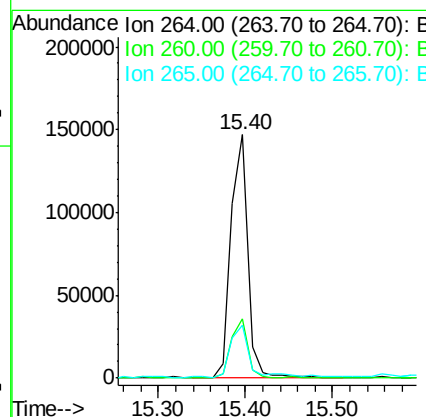
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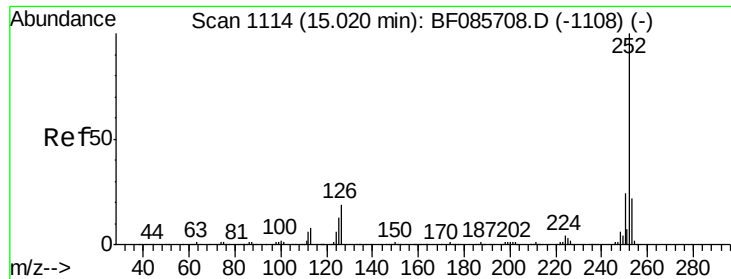
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085804.D
 Acq: 28 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.8	17.2	25.8





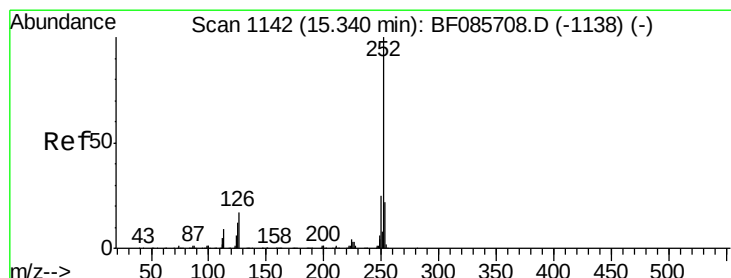
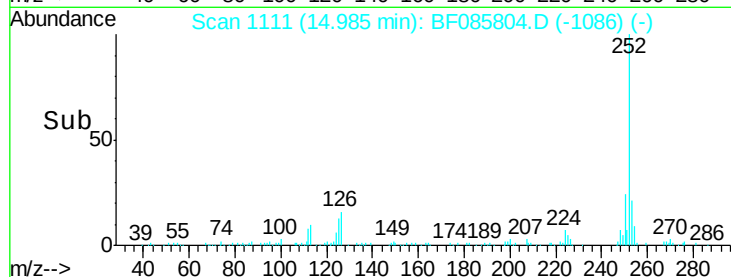
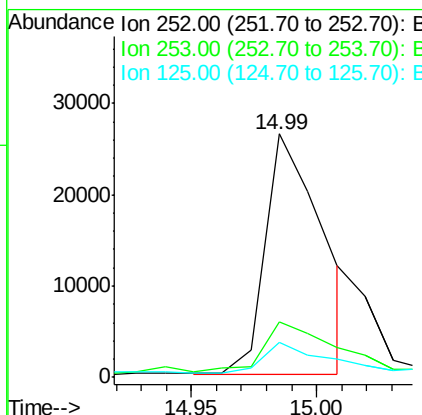
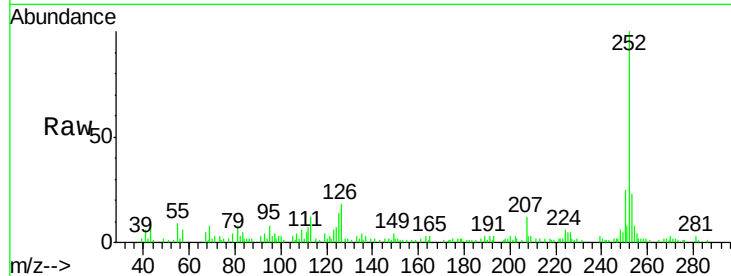
#87
Benzo(b)fluoranthene
Concen: 3.33 ng m
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085804.D
Acq: 28 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
SP-7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	14.3	10.3	15.5

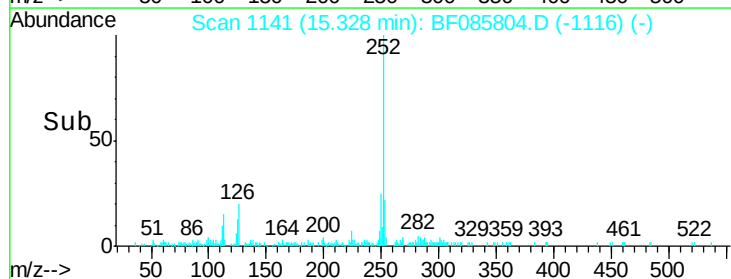
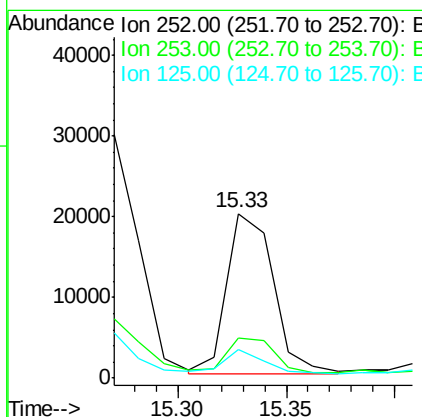
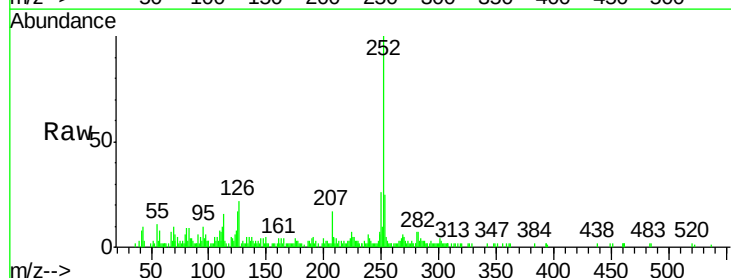
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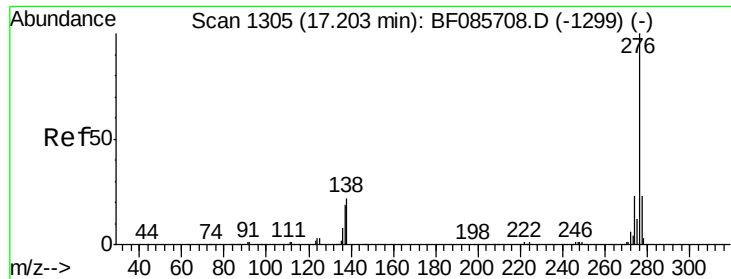
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#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085804.D
Acq: 28 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	17.1	10.3	15.5#





#91
 Benzo(g,h,i)perylene
 Concen: 4.40 ng
 RT: 17.19 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF085804.D
 Acq: 28 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Tgt Ion:	276	Resp:	46415
Ion Ratio		Lower	Upper
276	100		
277	26.5	18.8	28.2
138	25.0	22.6	34.0

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