

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085929.D
 Acq On : 31 Mar 2016 16:00
 Operator : UM/SJ
 Sample : H2075-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-13

Manual Integrations
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Sohil
 4/1/2016 9:46:37 PM

Quant Time: Apr 01 11:38:48 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	113784	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	437565	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	196088	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	329390	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	211483	20.00	ng	-0.02
86) Perylene-d12	15.36	264	209205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	767918	112.40	ng	-0.01
7) Phenol-d6	6.42	99	1078986	124.21	ng	-0.02
23) Nitrobenzene-d5	7.36	82	671340	86.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	230661	123.81	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1082154	92.20	ng	-0.01
78) Terphenyl-d14	12.89	244	698919	67.97	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	158039	10.62	ng	99
70) Phenanthrene	11.34	178	58736	3.47	ng	99
74) Fluoranthene	12.52	202	94769	5.27	ng	97
77) Pyrene	12.74	202	89409	5.14	ng	99
80) Benzo(a)anthracene	13.93	228	38035	3.15	ng	98
82) Chrysene	13.97	228	29555	2.43	ng	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	31700	3.38	ng	# 90
87) Benzo(b)fluoranthene	14.96	252	45513m	3.45	ng	
89) Benzo(a)pyrene	15.31	252	36833	3.15	ng	96
91) Benzo(g,h,i)perylene	17.15	276	34661	3.15	ng	99

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

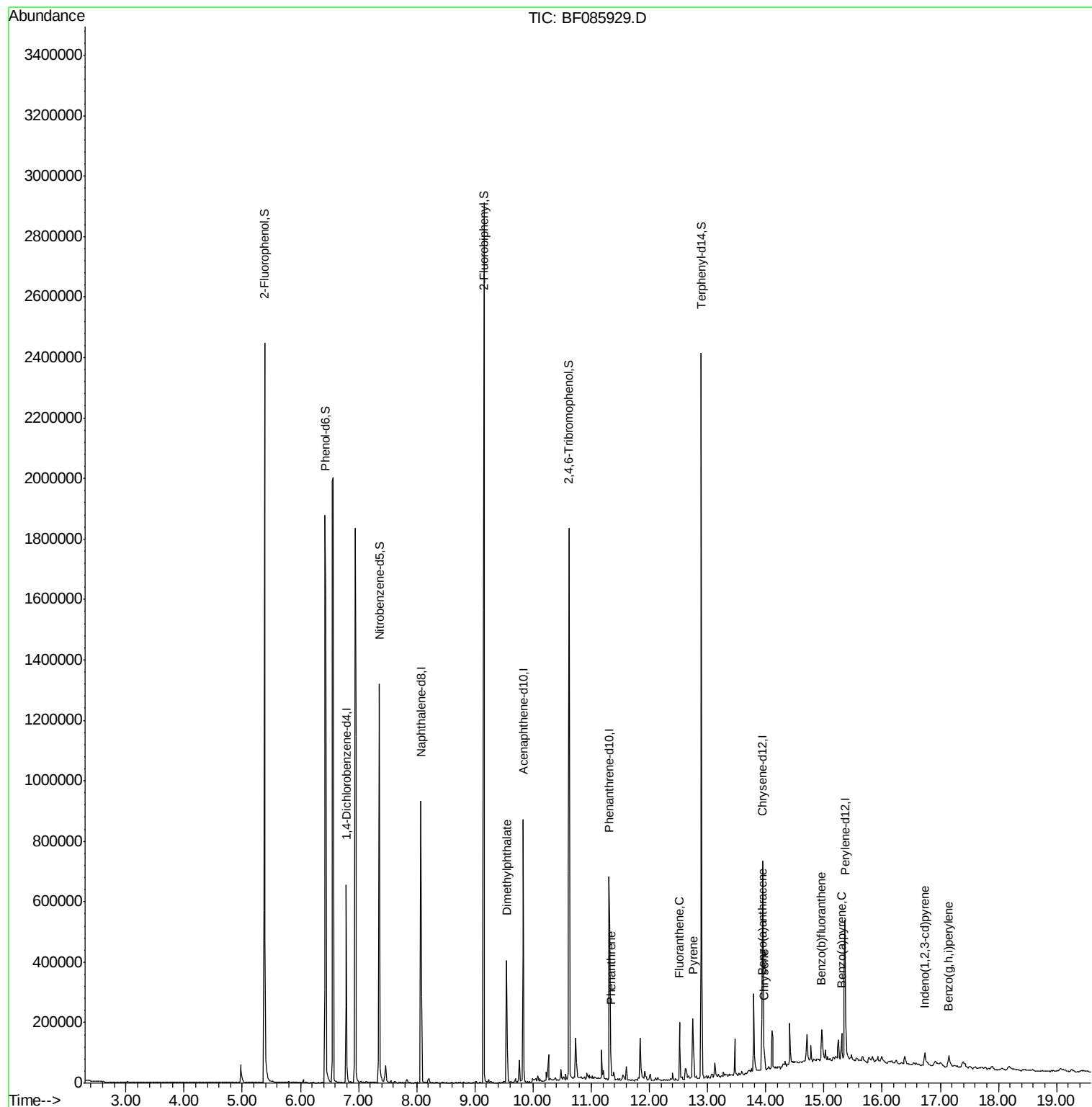
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
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Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

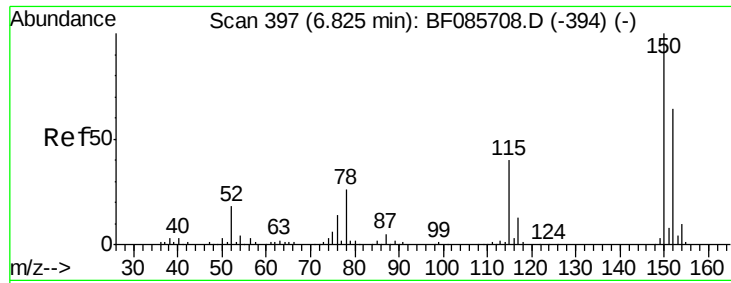
Instrument :
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#1

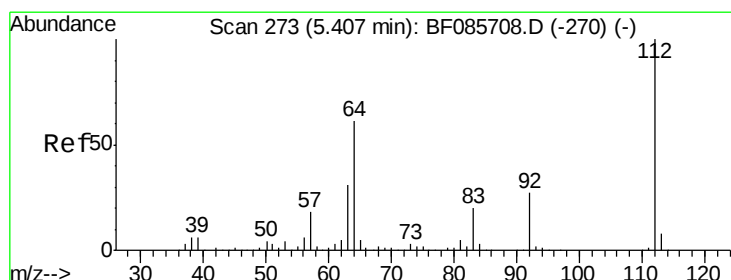
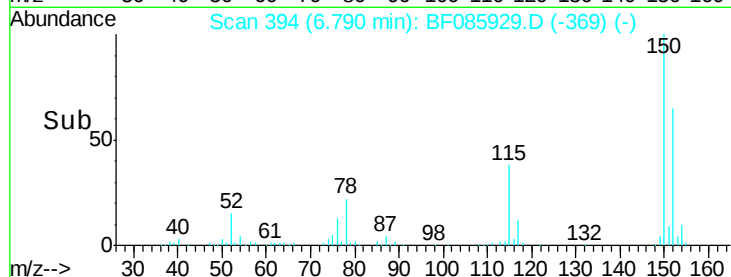
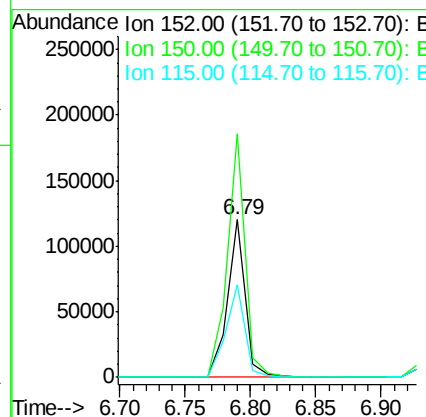
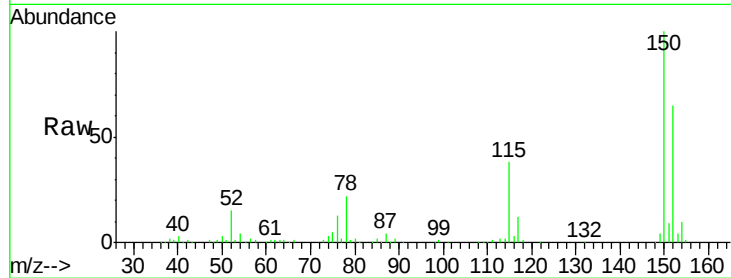
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Instrument :
BNA_F
ClientSampled :
SP-13

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	58.8	47.0	70.6

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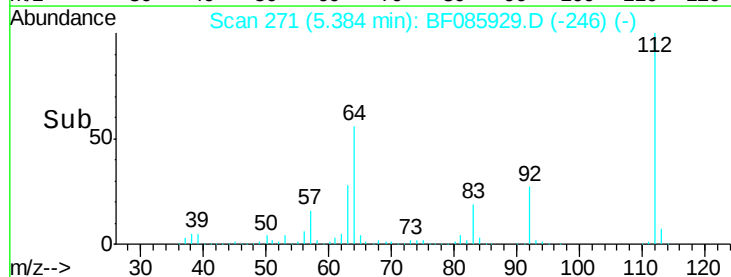
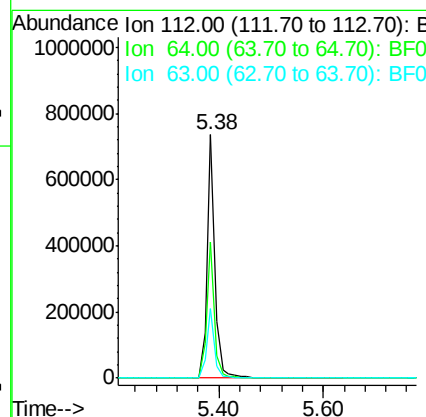
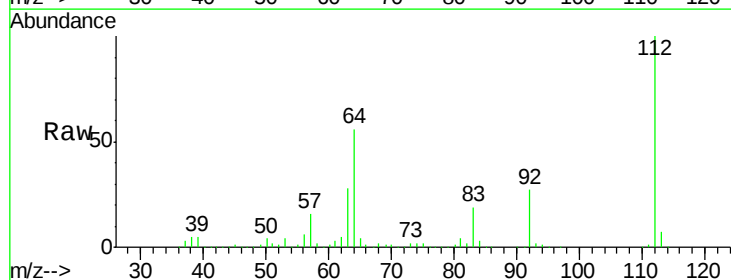
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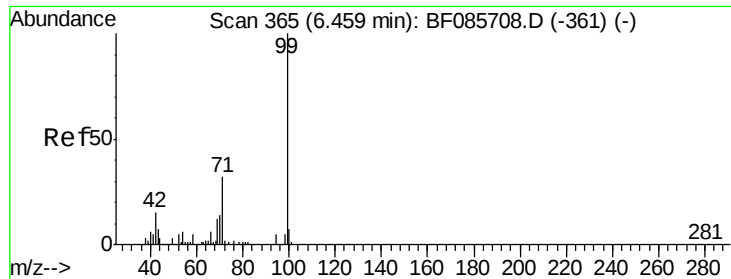


#5

2-Fluorophenol
Concen: 112.40 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	39.9	59.9
63	28.4	20.2	30.2





#7

Phenol-d6

Concen: 124.21 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Instrument :

BNA_F

ClientSampleId :

SP-13

Tgt Ion: 99 Resp: 1078986

Ion Ratio Lower Upper

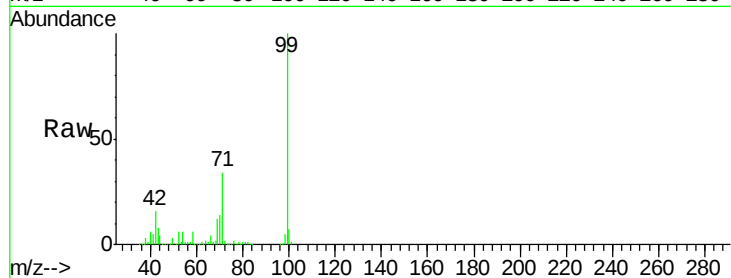
99 100

42 16.1 11.1 16.7

71 33.6 24.9 37.3

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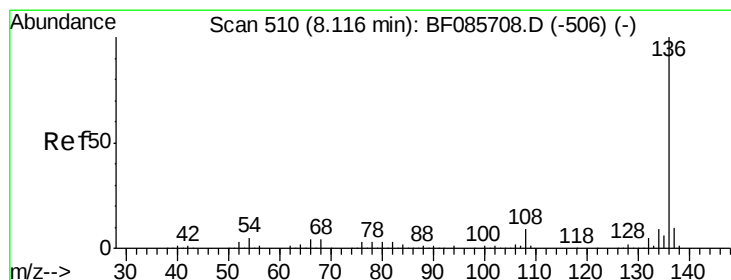
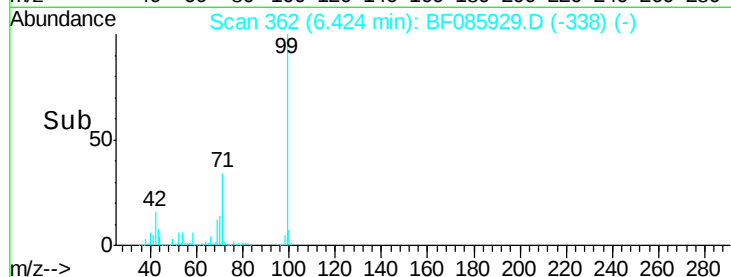
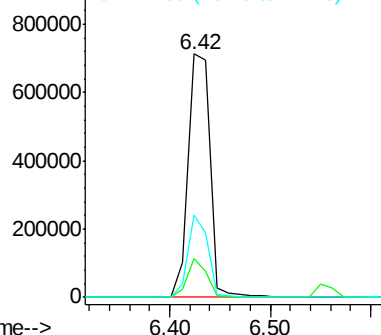
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Tgt Ion: 136 Resp: 437565

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.3 7.4 11.0

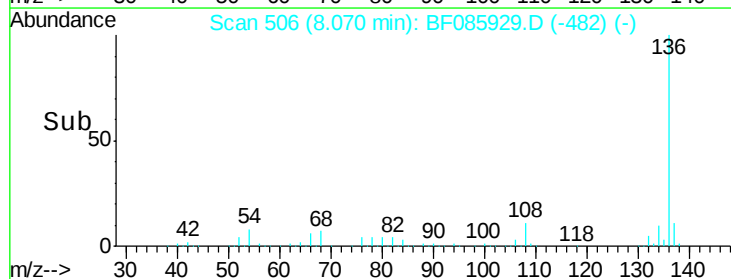
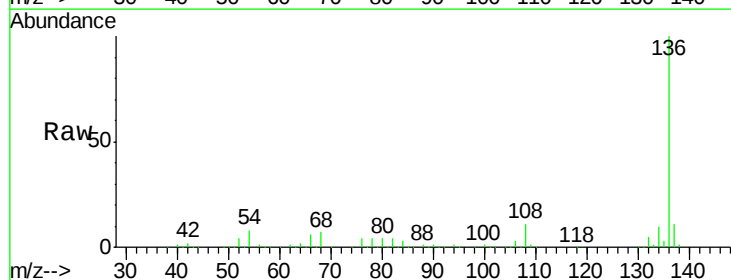
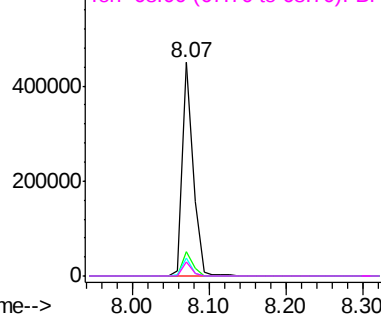
68 6.7 5.8 8.8

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





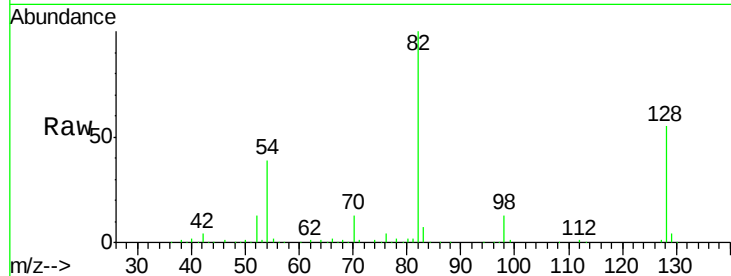
#23
 Nitrobenzene-d5
 Concen: 86.40 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085929.D
 Acq: 31 Mar 2016 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-13

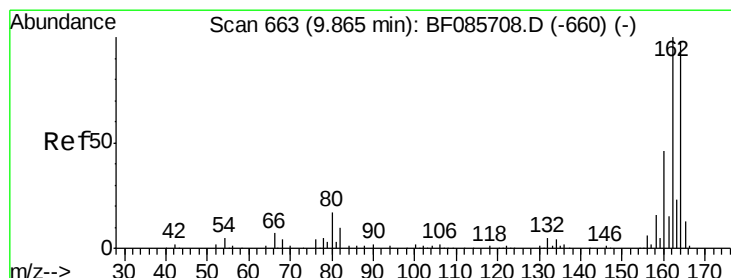
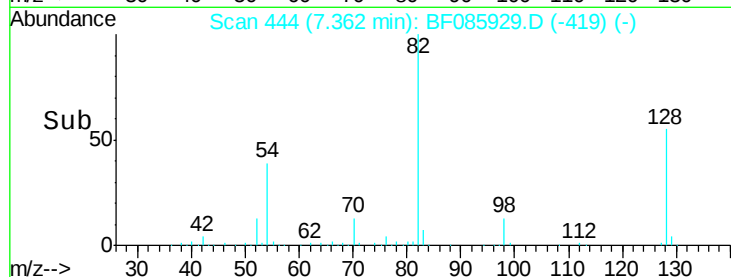
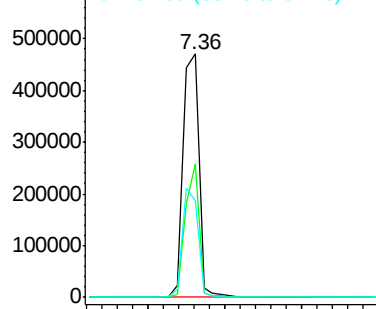
Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.0	41.8	62.8
54	39.5	33.4	50.0

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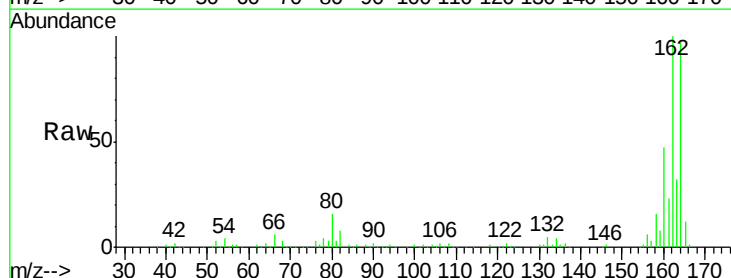


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

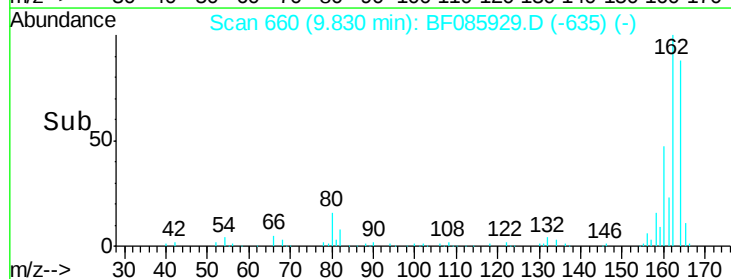
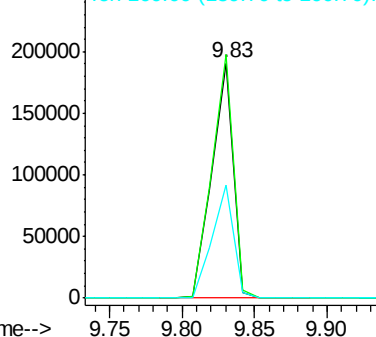


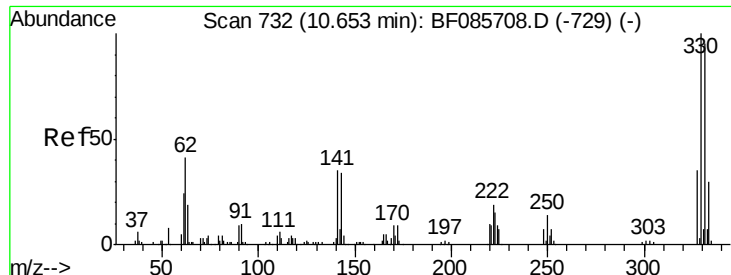
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085929.D
 Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	48.2	37.4	56.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





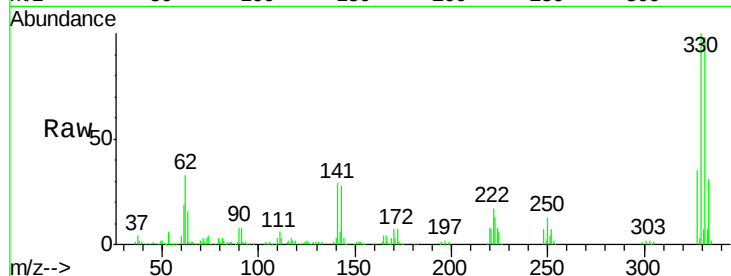
#41
 2,4,6-Tribromophenol
 Concen: 123.81 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085929.D
 Acq: 31 Mar 2016 16:00

Instrument :
 BNA_F
 ClientSampled :
 SP-13

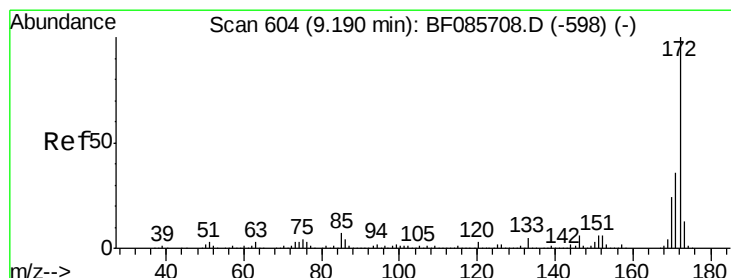
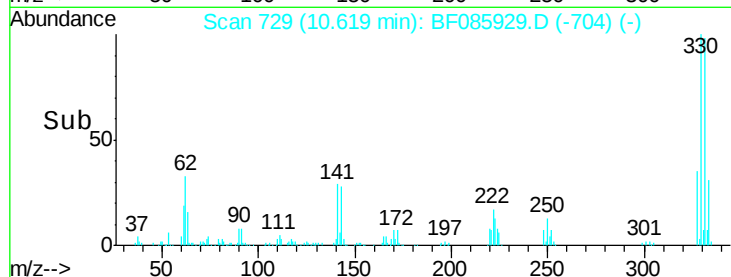
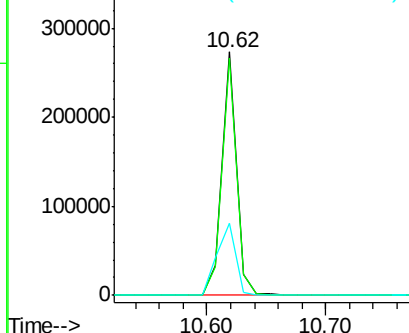
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230661		
332	97.7	78.2	117.2	
141	38.1	31.5	47.3	

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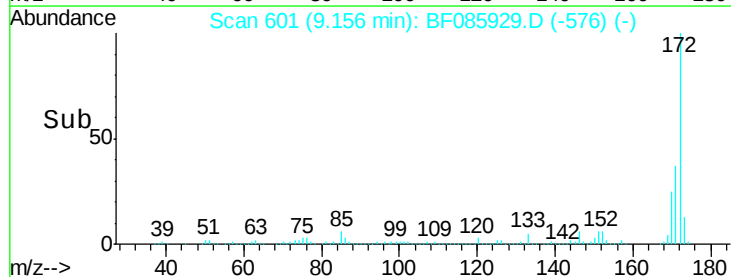
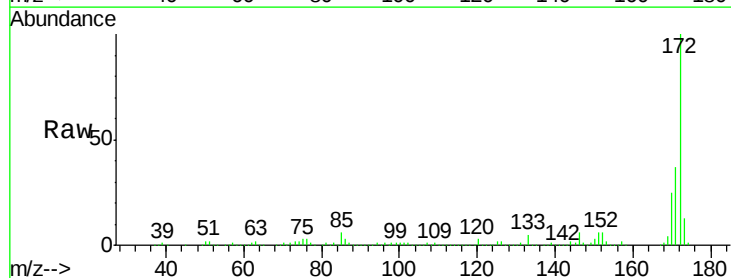
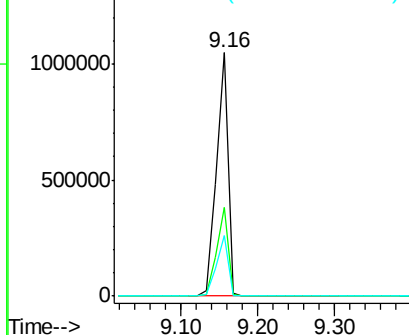
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

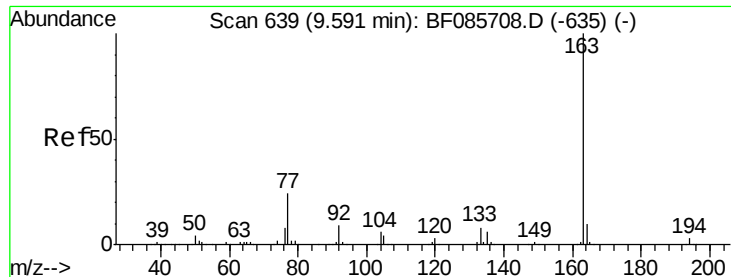


#44
 2-Fluorobiphenyl
 Concen: 92.20 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085929.D
 Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1082154		
171	36.7	29.4	44.2	
170	24.9	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





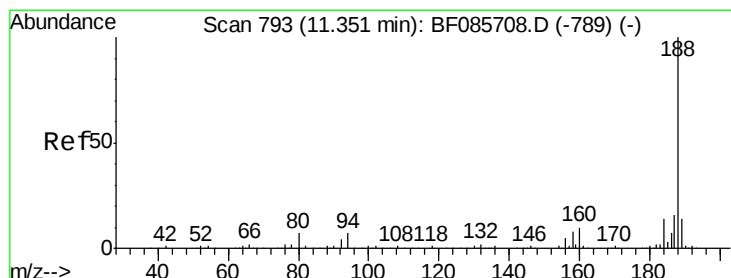
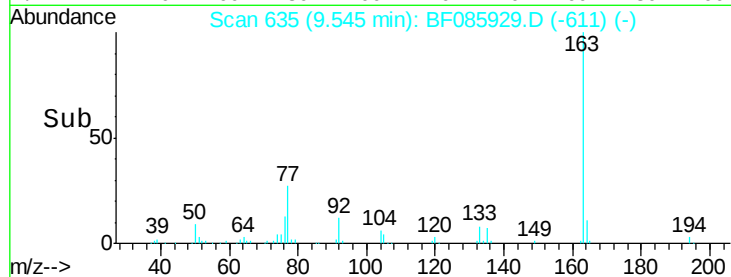
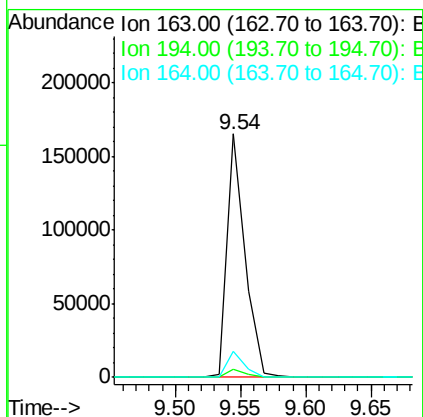
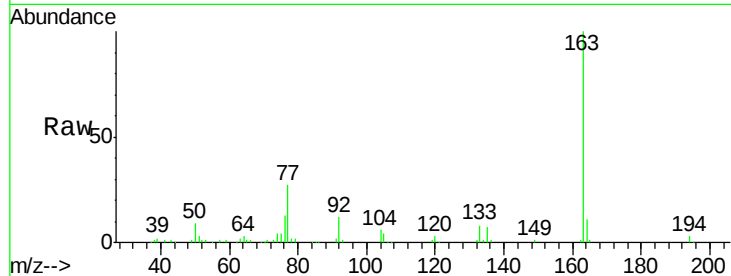
#49
Dimethylphthalate
Concen: 10.62 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Instrument :
BNA_F
ClientSampleId :
SP-13

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.9	4.3
164	10.5	8.3	12.5

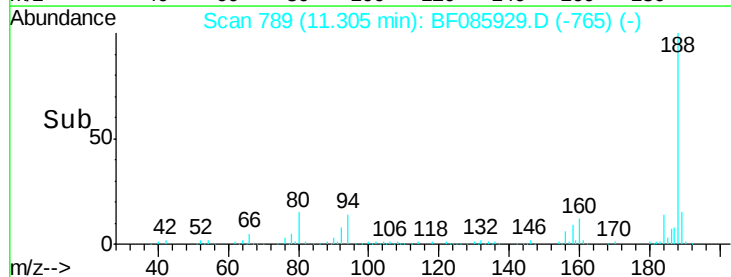
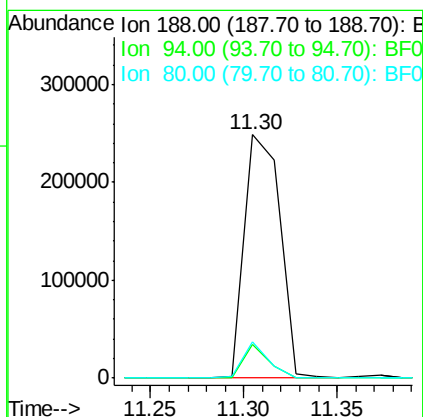
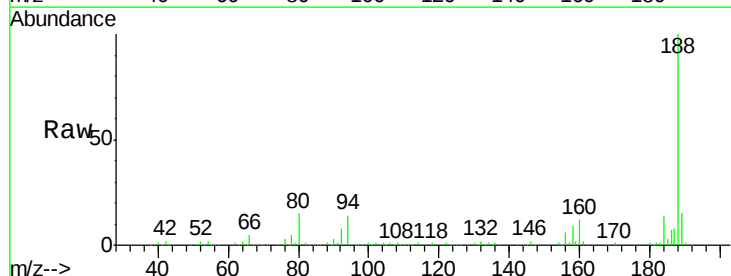
Manual Integrations
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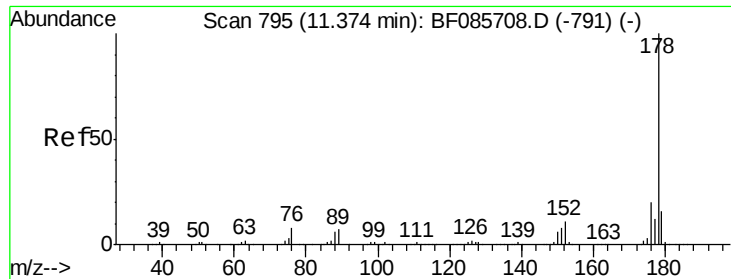
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.7	5.4	8.0#
80	14.9	5.5	8.3#





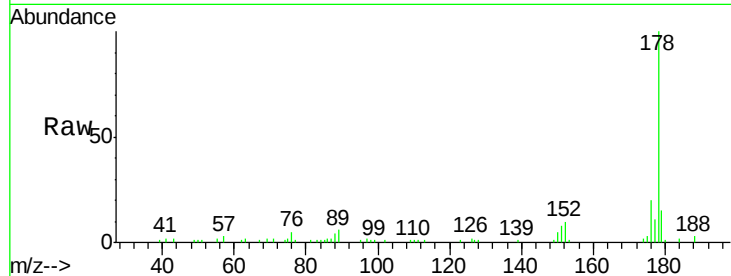
#70
Phenanthrene
Concen: 3.47 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Instrument :
BNA_F
ClientSampleId :
SP-13

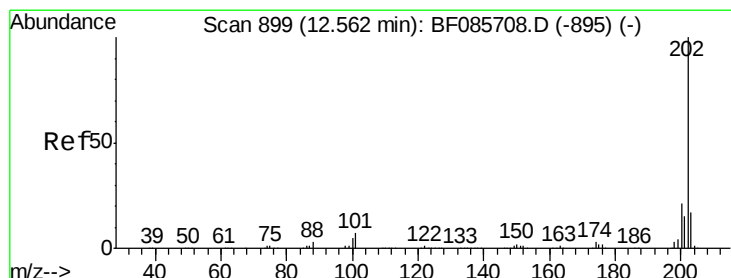
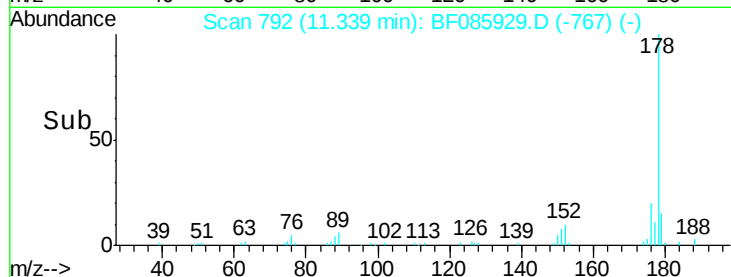
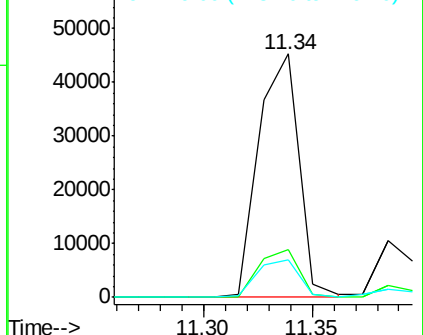
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.3	12.6	18.8

Manual Integrations
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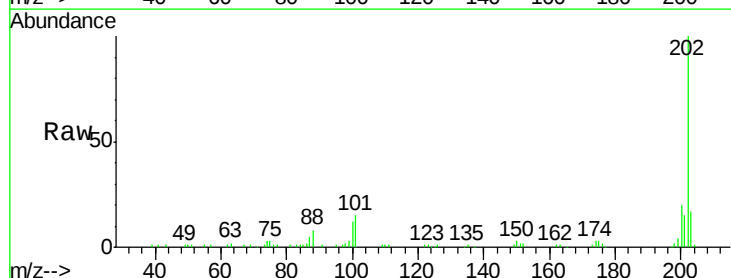


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

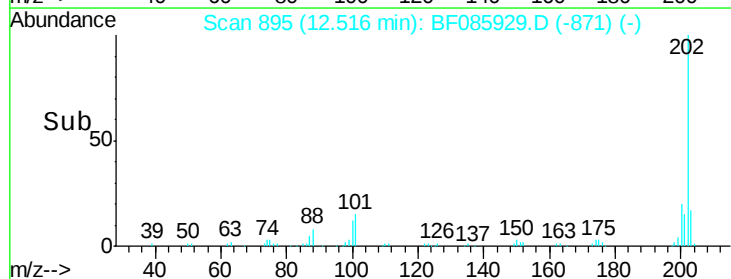
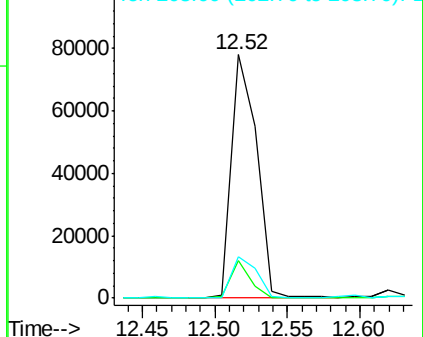


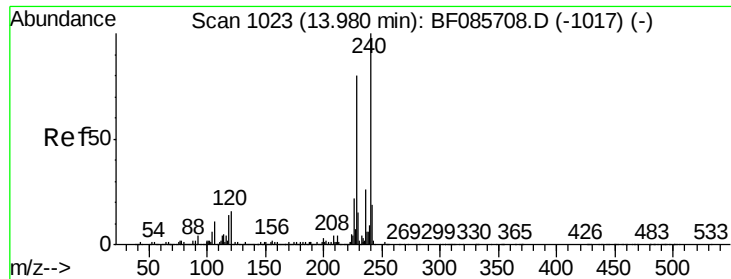
#74
Fluoranthene
Concen: 5.27 ng
RT: 12.52 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	36.6
203	16.8	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: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Instrument :

BNA_F

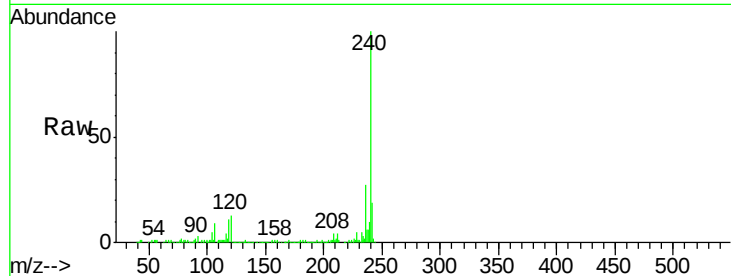
ClientSampleId :

SP-13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	211483		
120	13.4	13.8	20.8#	
236	26.6	20.6	30.8	

Manual Integrations
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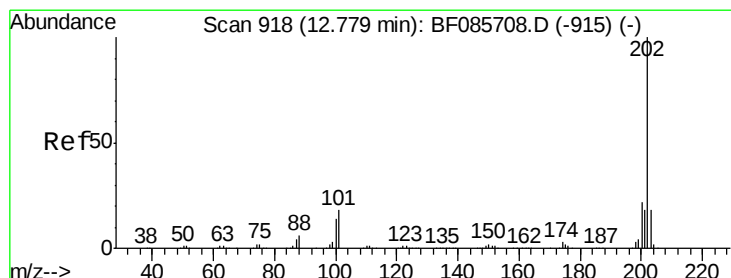
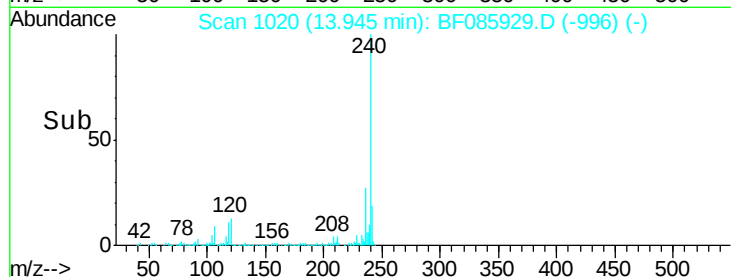
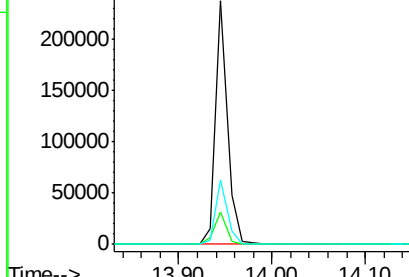


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.95



#77

Pyrene

Concen: 5.14 ng

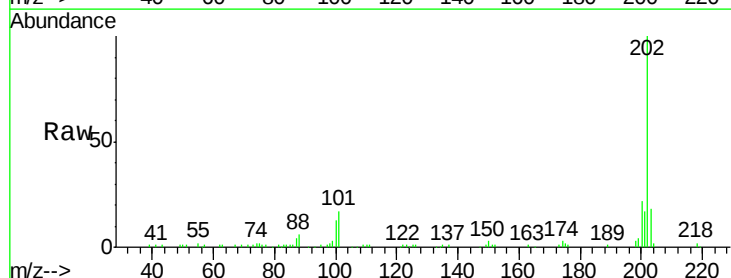
RT: 12.74 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	89409		
200	21.6	17.6	26.4	
203	18.2	14.0	21.0	

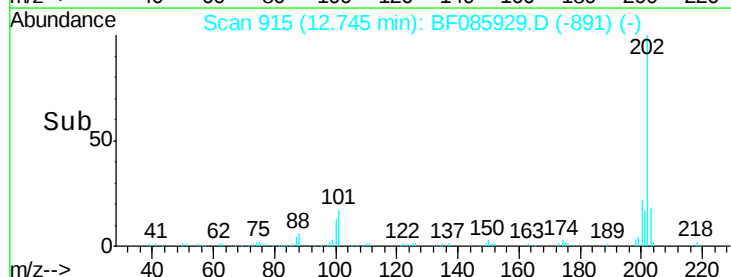
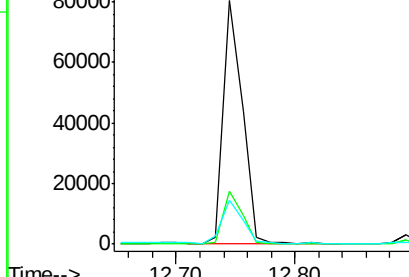


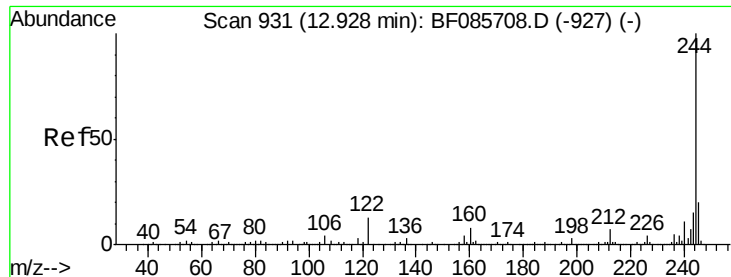
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.74





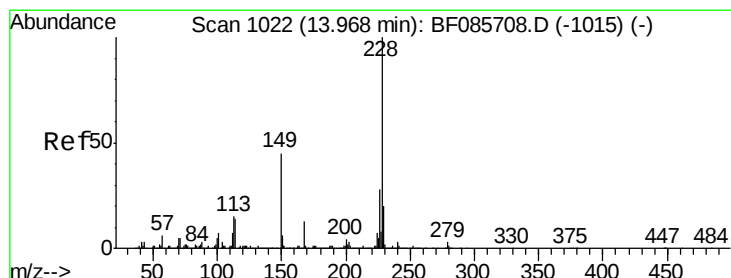
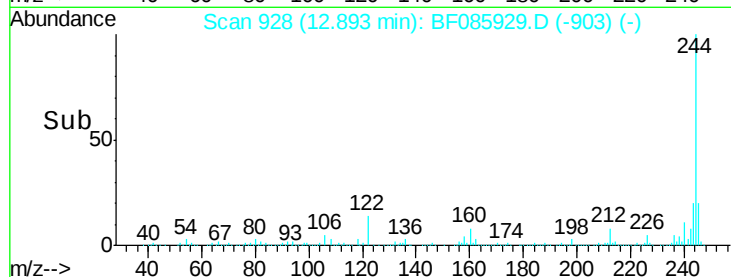
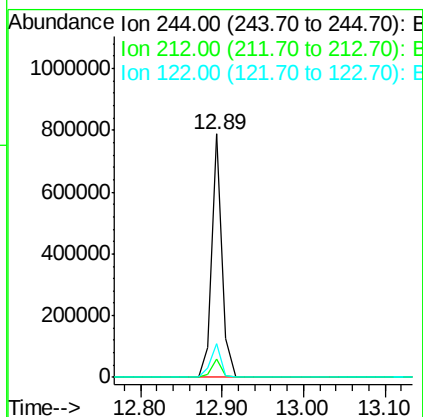
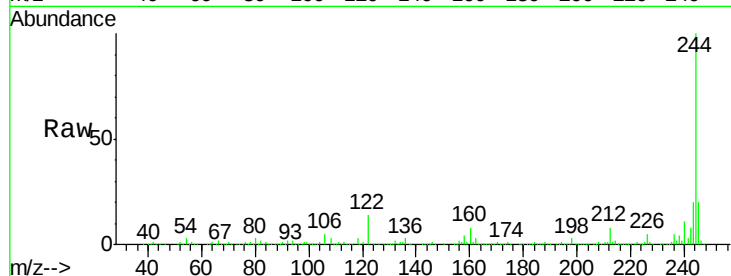
#78
 Terphenyl-d14
 Concen: 67.97 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085929.D
 Acq: 31 Mar 2016 16:00

Instrument :
 BNA_F
 ClientSampled :
 SP-13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.7	10.2	15.4

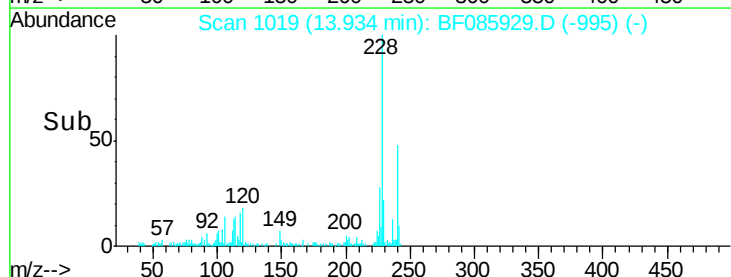
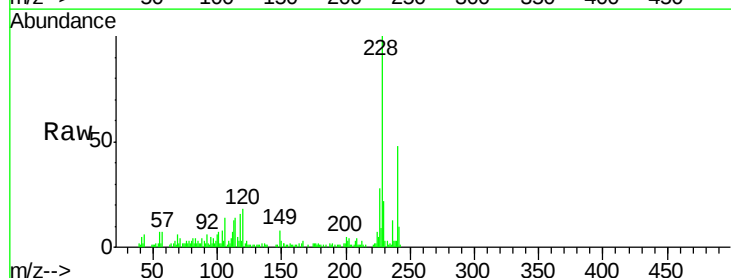
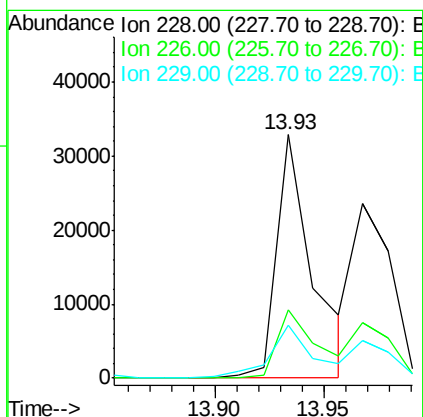
Manual Integrations
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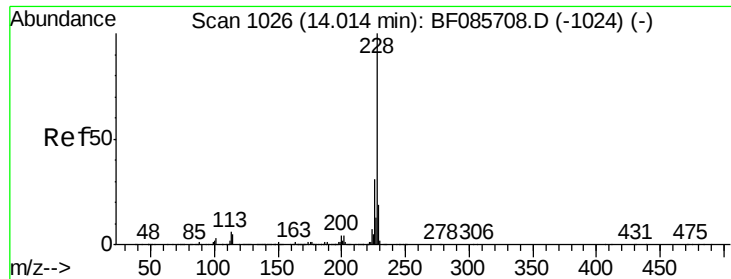
Sohil
 4/1/2016 9:46:37 PM



#80
 Benzo(a)anthracene
 Concen: 3.15 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BF085929.D
 Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	21.7	16.2	24.4





#82

Chrysene

Concen: 2.43 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Instrument :

BNA_F

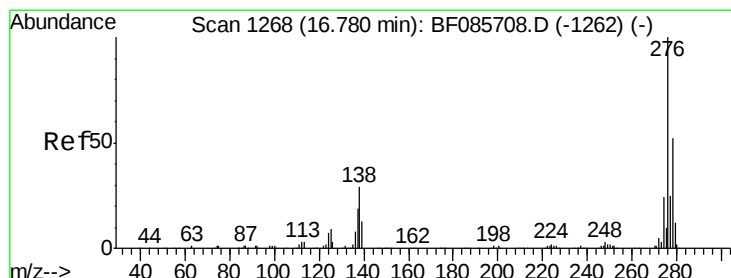
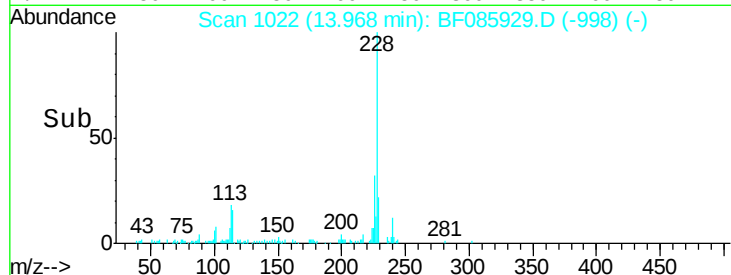
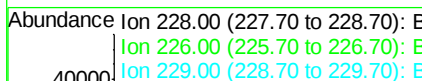
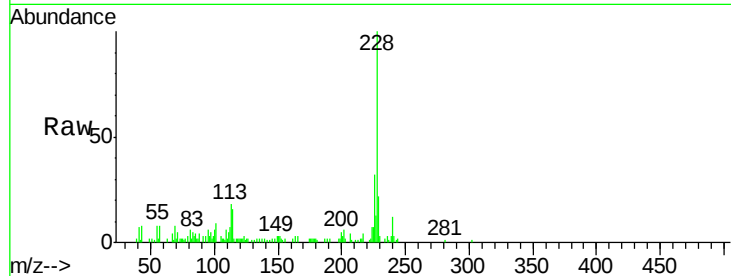
ClientSampleId :

SP-13

Tgt Ion:	228	Resp:	29555
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.0	37.6
229	21.7	15.7	23.5

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4/1/2016 9:46:37 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.38 ng

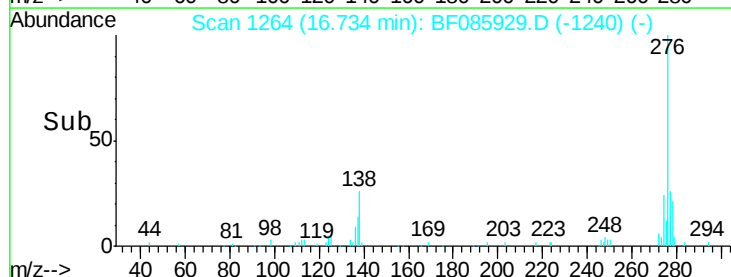
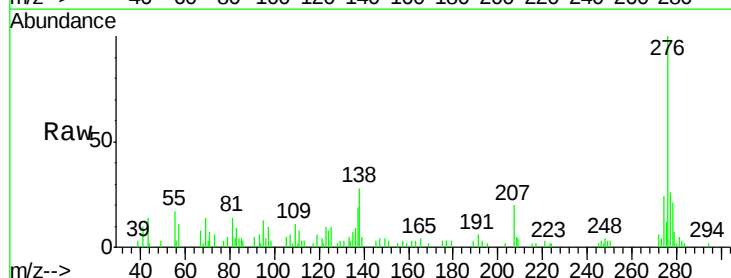
RT: 16.73 min Scan# 1264

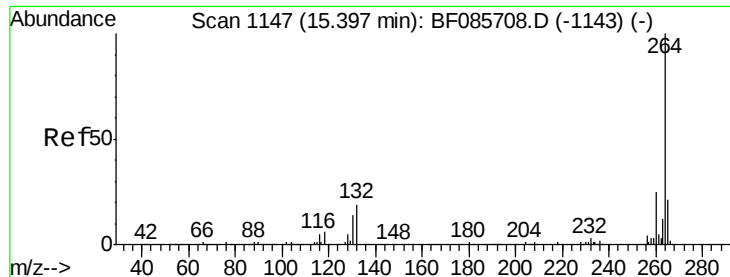
Delta R.T. -0.02 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Tgt Ion:	276	Resp:	31700
Ion Ratio	Lower	Upper	
276	100		
138	23.6	24.2	36.4#
277	28.2	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: BF085929.D

Acq: 31 Mar 2016 16:00

Instrument :

BNA_F

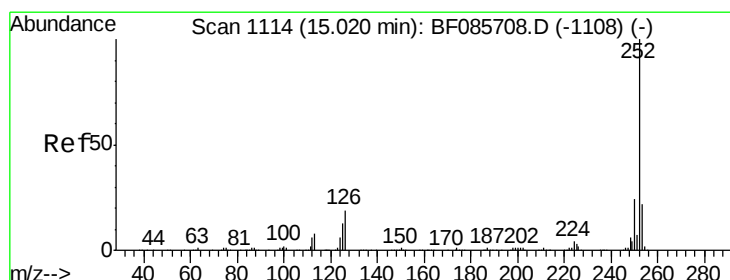
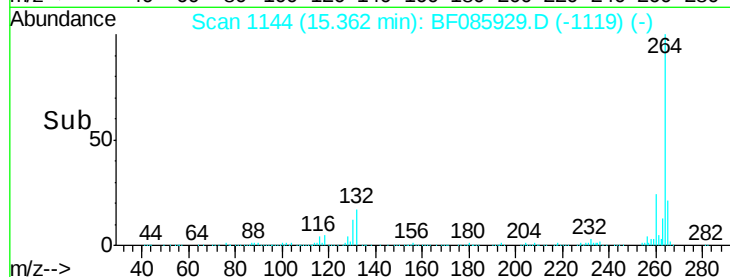
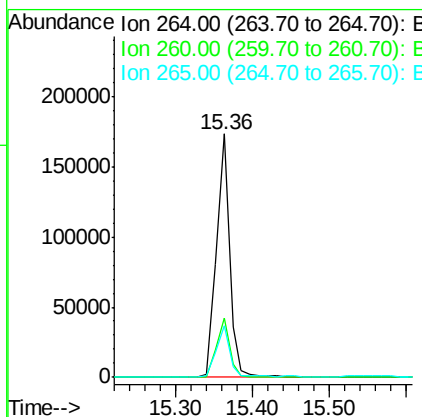
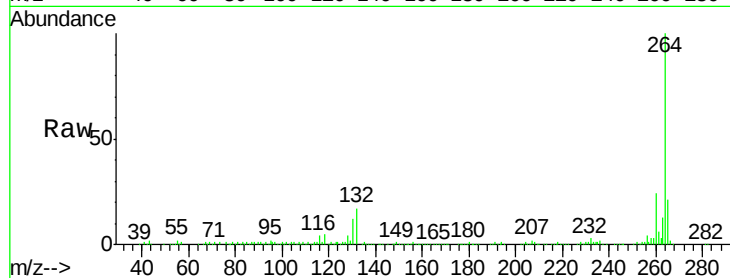
ClientSampleId :

SP-13

Tgt Ion:	264	Resp:	209205
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.2	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 3.45 ng m

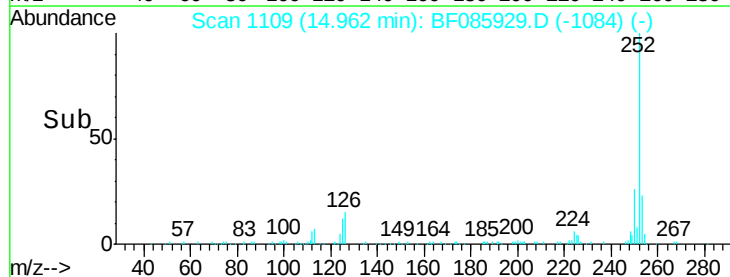
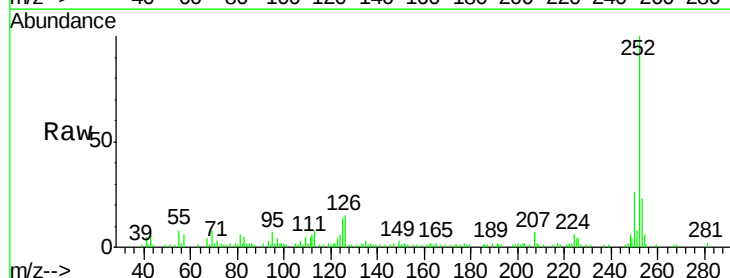
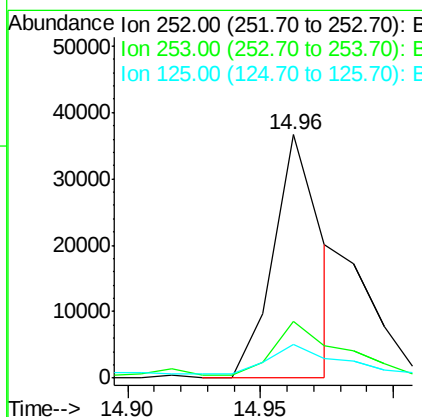
RT: 14.96 min Scan# 1109

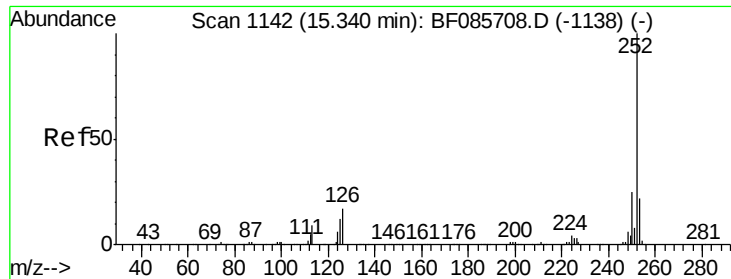
Delta R.T. -0.01 min

Lab File: BF085929.D

Acq: 31 Mar 2016 16:00

Tgt Ion:	252	Resp:	45513
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.6	10.3	15.5





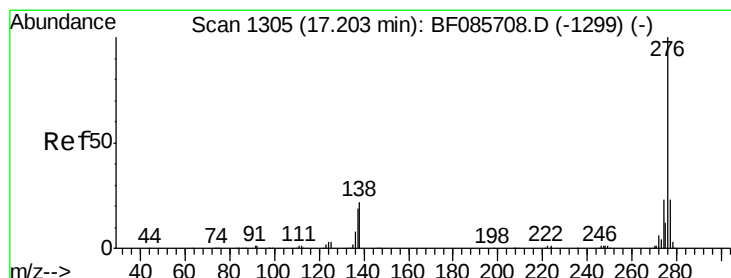
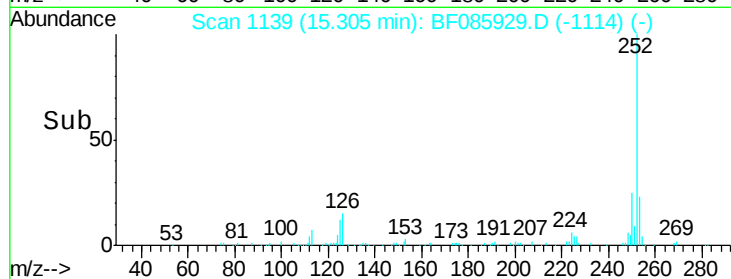
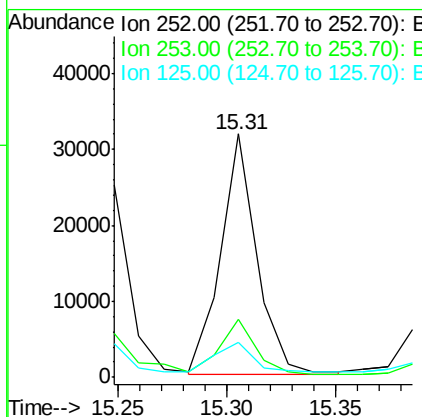
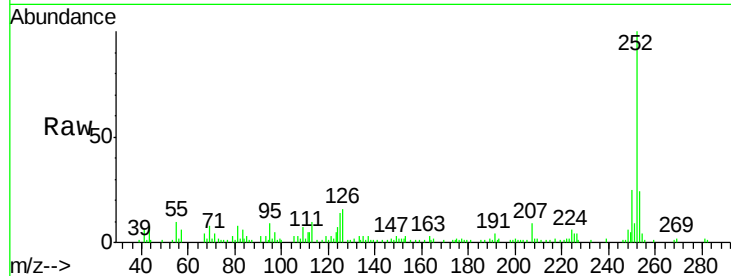
#89
Benzo(a)pyrene
Concen: 3.15 ng
RT: 15.31 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Instrument :
BNA_F
ClientSampleId :
SP-13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	14.3	10.3	15.5

Manual Integrations
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4/1/2016 9:46:37 PM



#91
Benzo(g,h,i)perylene
Concen: 3.15 ng
RT: 17.15 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF085929.D
Acq: 31 Mar 2016 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	28.5	22.6	34.0

