

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085818.D
 Acq On : 28 Mar 2016 23:07
 Operator : UM/SJ
 Sample : H1942-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Manual Integrations
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Sohil
 3/29/2016 12:03:26 PM

Quant Time: Mar 29 01:52:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	106679	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	336850	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	134036	20.00	ng	0.01
63) Phenanthrene-d10	11.36	188	240187	20.00	ng	0.01
75) Chrysene-d12	13.98	240	184432	20.00	ng	0.00
86) Perylene-d12	15.40	264	192779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	571083	89.15	ng	0.00
7) Phenol-d6	6.45	99	703958	86.44	ng	-0.01
23) Nitrobenzene-d5	7.38	82	499703	83.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	153776	120.75	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	724045	90.25	ng	0.00
78) Terphenyl-d14	12.93	244	528864	58.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	87688	8.62	ng	# 57
51) Acenaphthene	9.90	154	117208	14.16	ng	# 90
57) Fluorene	10.42	166	242954	27.28	ng	# 96
70) Phenanthrene	11.39	178	649705	52.68	ng	# 96
71) Anthracene	11.43	178	68370m	5.28	ng	
74) Fluoranthene	12.56	202	133539	10.19	ng	93
77) Pyrene	12.79	202	153702	10.14	ng	97
80) Benzo(a)anthracene	13.97	228	26799	2.55	ng	# 89
82) Chrysene	14.00	228	28965m	2.73	ng	
87) Benzo(b)fluoranthene	14.99	252	31514m	2.59	ng	

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

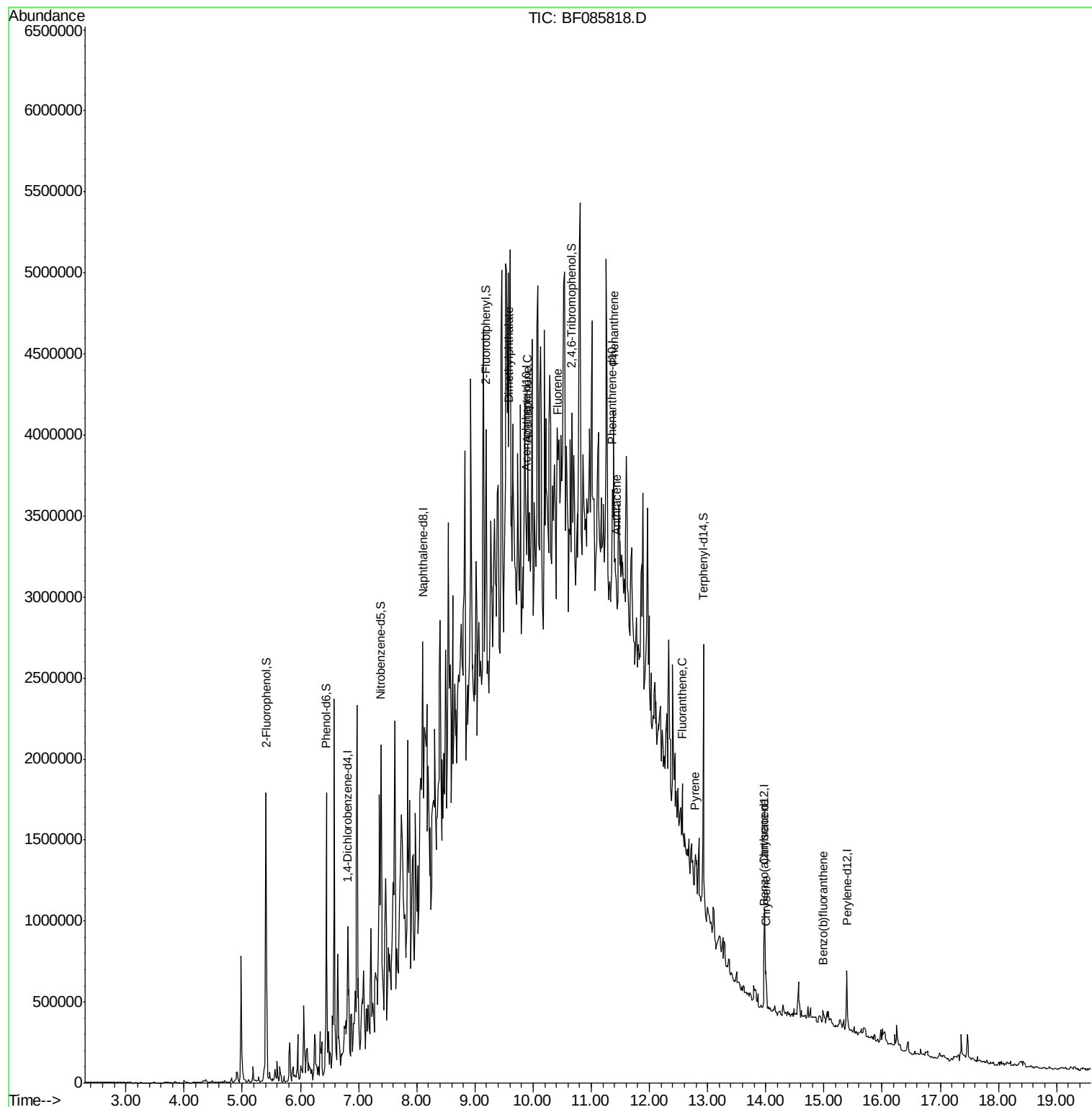
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085818.D
Acq On : 28 Mar 2016 23:07
Operator : UM/SJ
Sample : H1942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

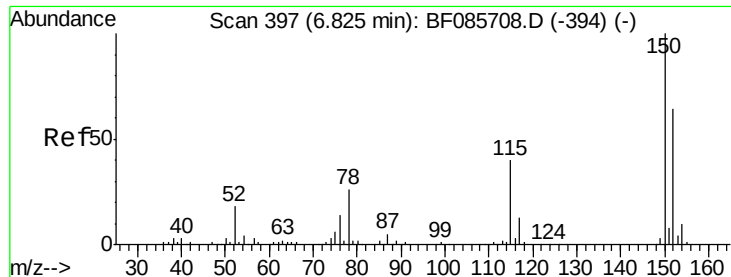
Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

Manual Integrations
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#1

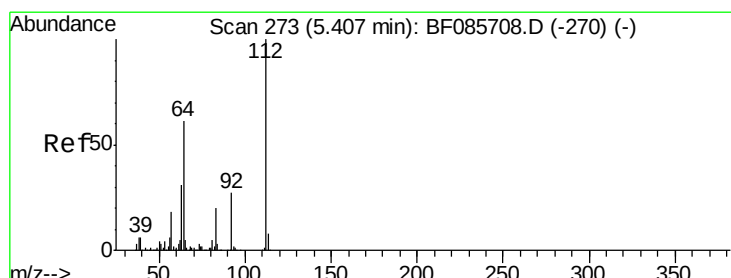
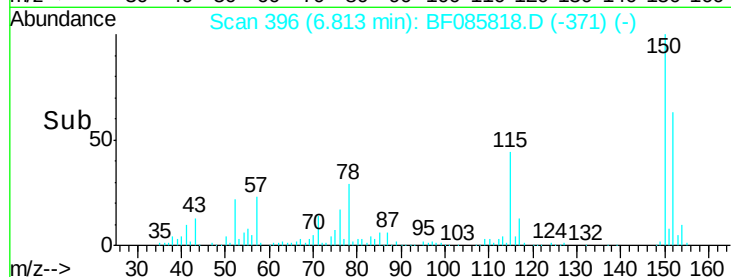
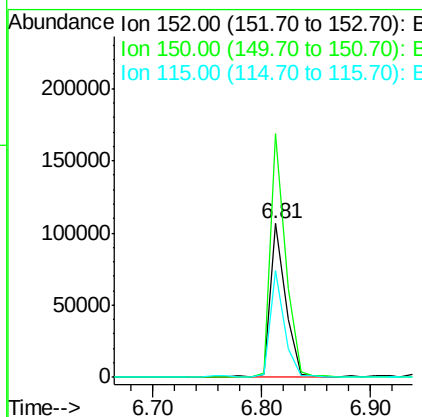
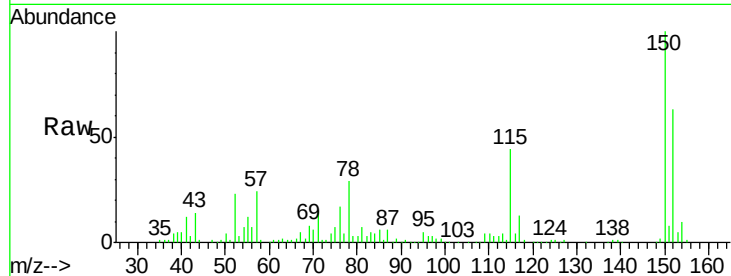
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	106679		
150	158.5	124.2	186.2	
115	69.7	47.0	70.6	

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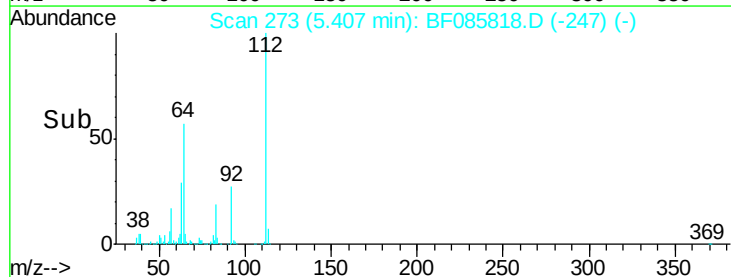
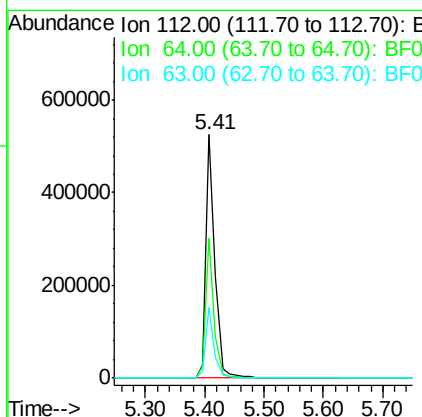
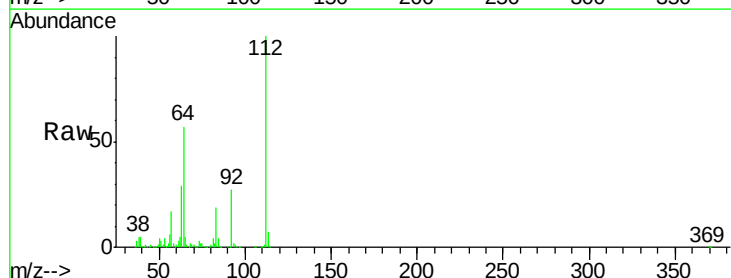
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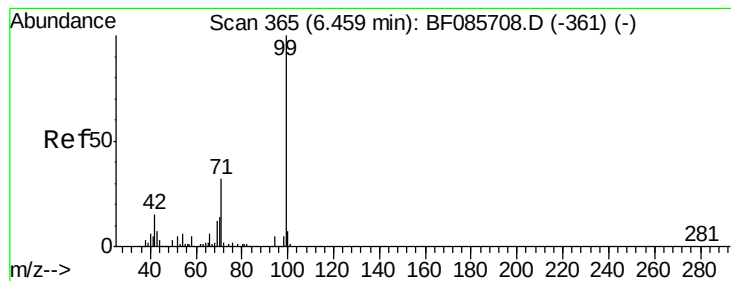


#5

2-Fluorophenol
Concen: 89.15 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	571083		
64	57.4	39.9	59.9	
63	29.2	20.2	30.2	





#7

Phenol-d6

Concen: 86.44 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085818.D

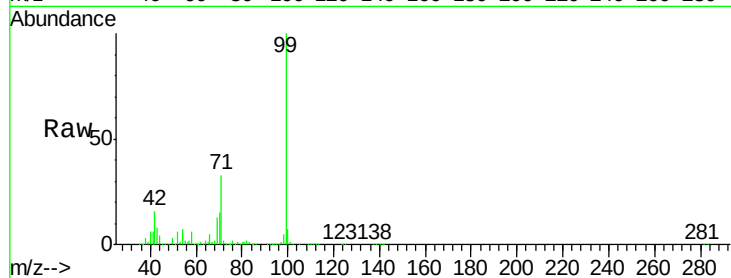
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Instrument :

BNA_F

ClientSampleId :

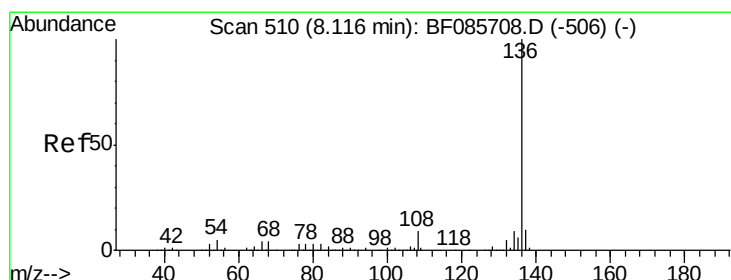
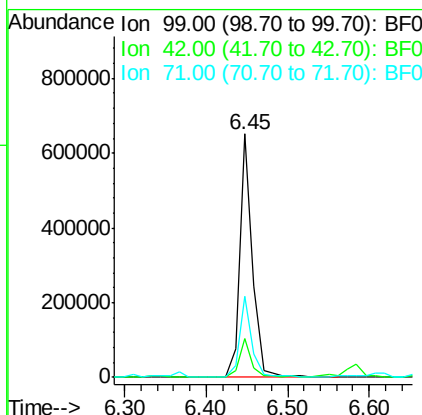
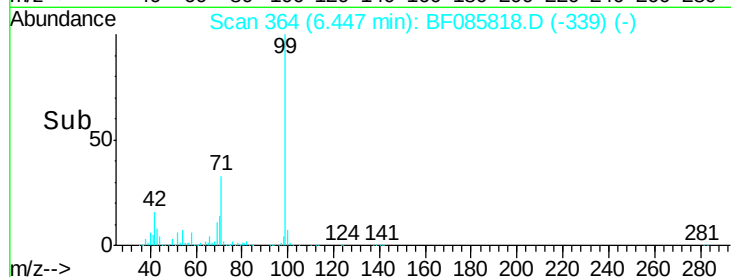
B-929NCOMP



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	703958		
42	16.1	11.1	16.7	
71	33.3	24.9	37.3	

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#21

Naphthalene-d8

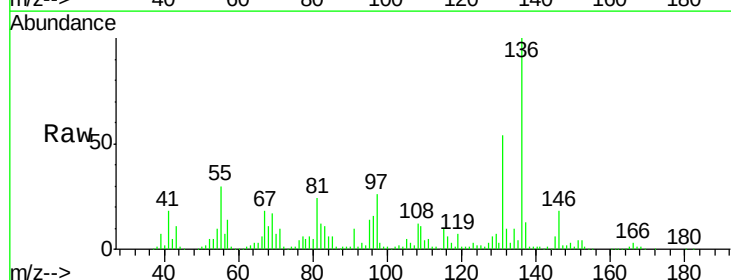
Concen: 20.00 ng

RT: 8.10 min Scan# 509

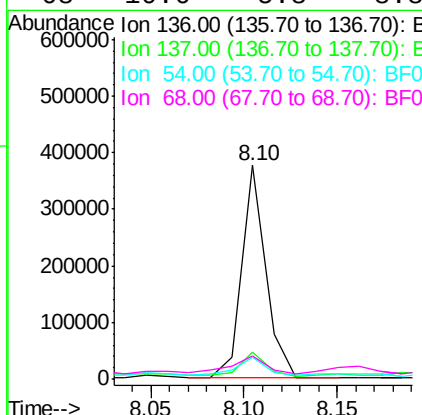
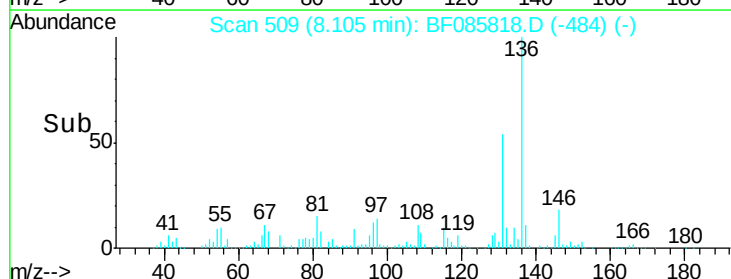
Delta R.T. -0.01 min

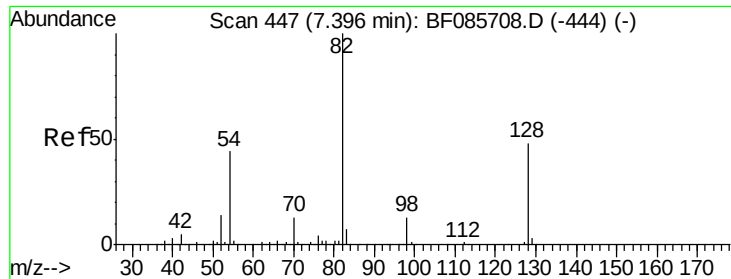
Lab File: BF085818.D

Acq: 28 Mar 2016 23:07



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	336850		
137	12.7	9.1	13.7	
54	10.4	7.4	11.0	
68	10.6	5.8	8.8#	





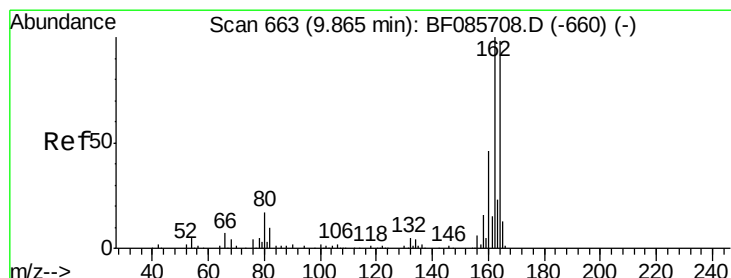
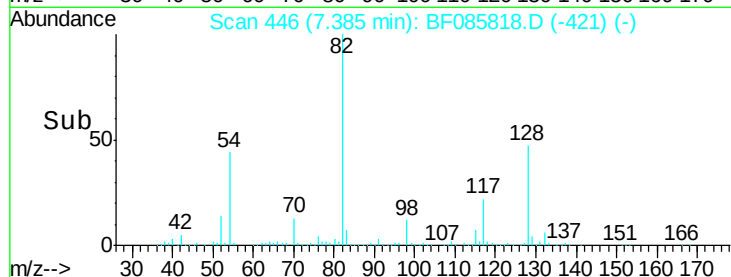
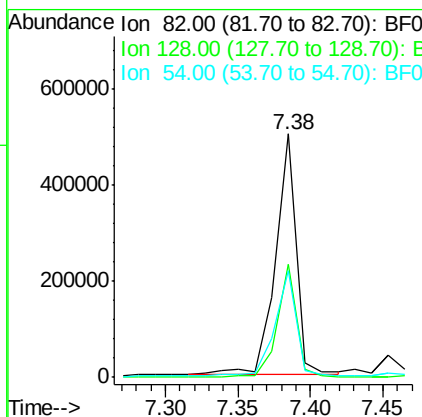
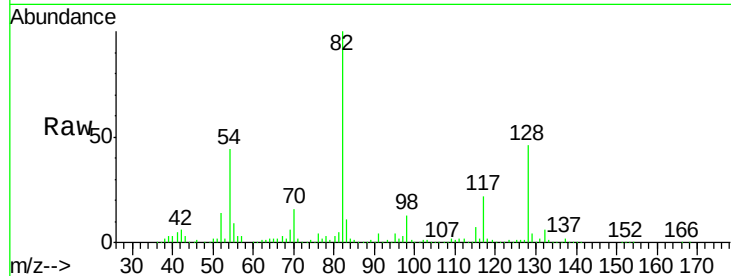
#23
 Nitrobenzene-d5
 Concen: 83.54 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	499703		
128	46.4	41.8	62.8	
54	43.6	33.4	50.0	

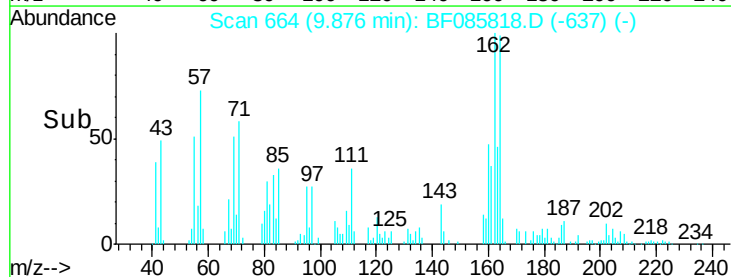
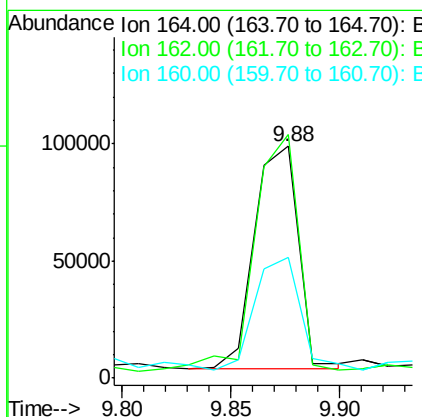
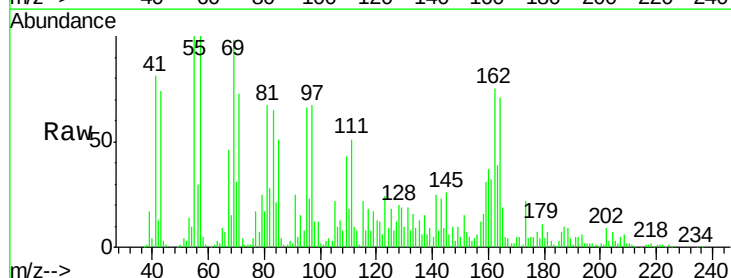
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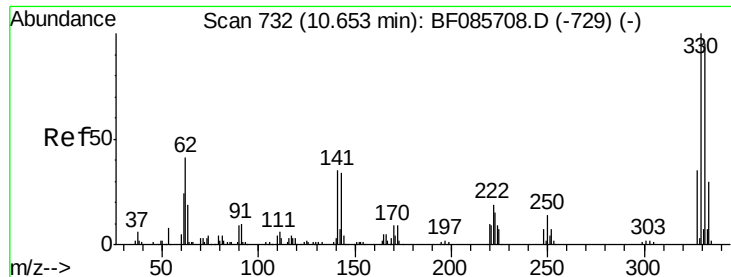
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134036		
162	105.1	82.1	123.1	
160	52.3	37.4	56.2	





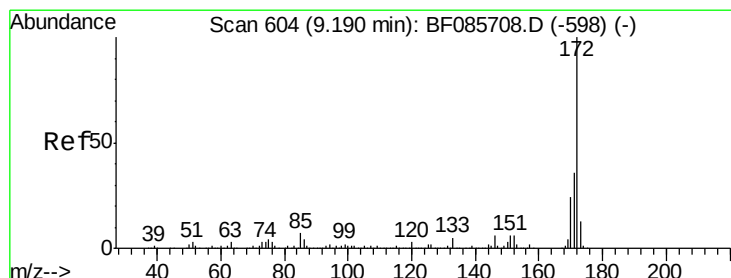
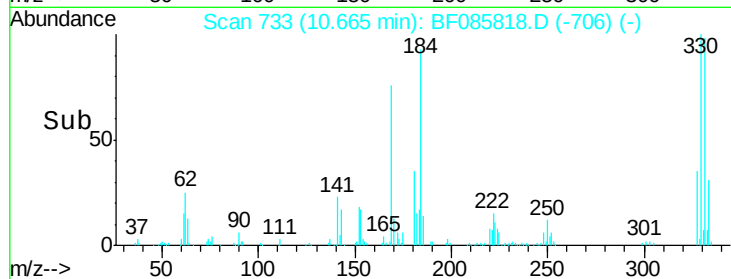
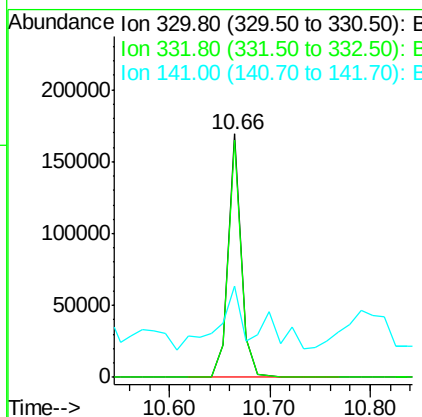
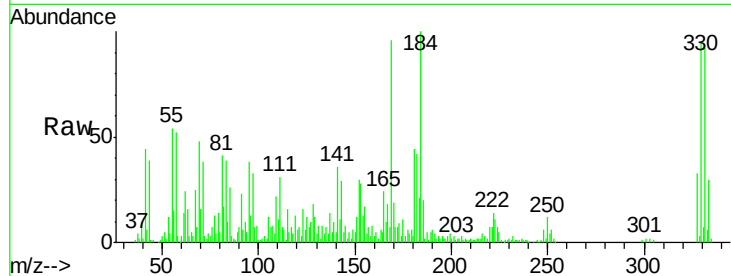
#41
 2,4,6-Tribromophenol
 Concen: 120.75 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	153776		
332	97.7	78.2	117.2	
141	47.8	31.5	47.3#	

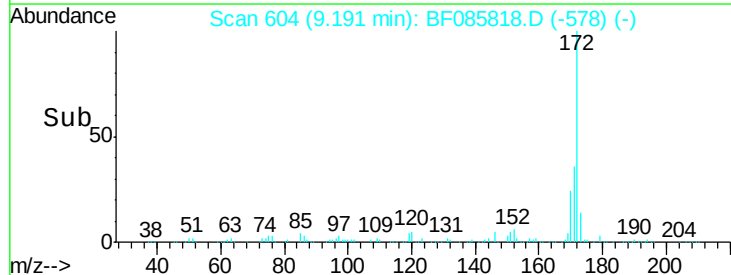
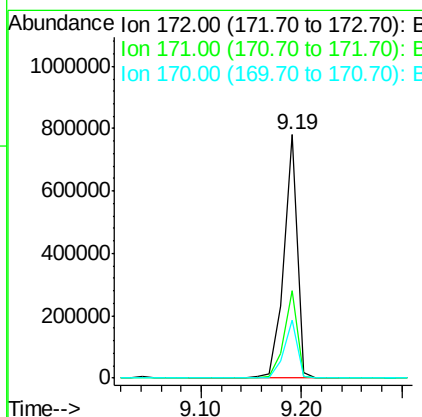
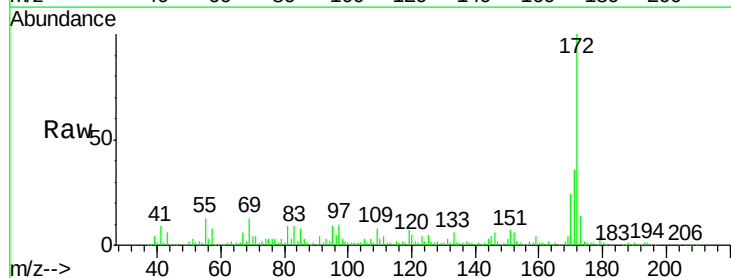
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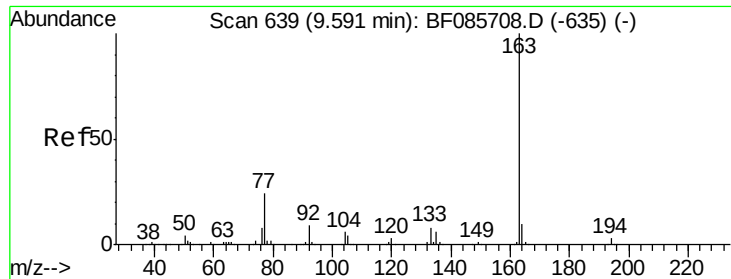
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#44
 2-Fluorobiphenyl
 Concen: 90.25 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	724045		
171	36.1	29.4	44.2	
170	23.8	19.8	29.6	





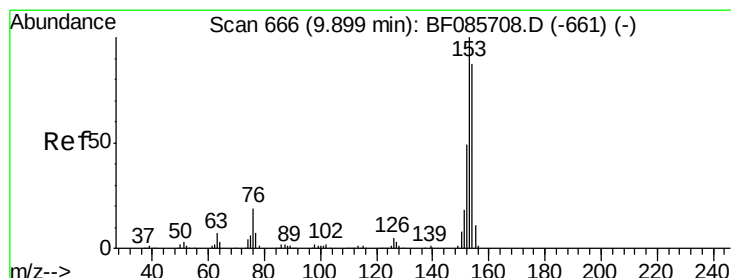
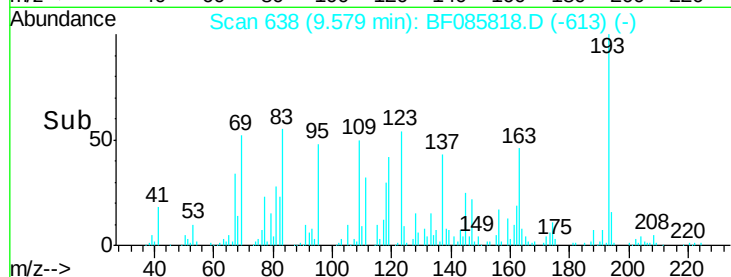
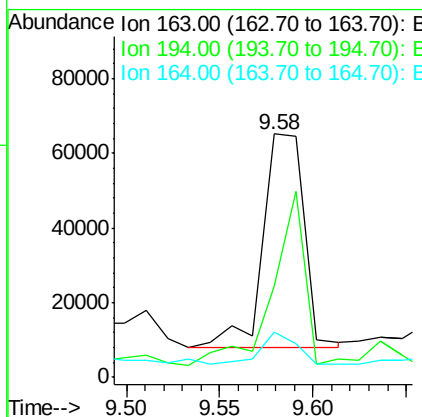
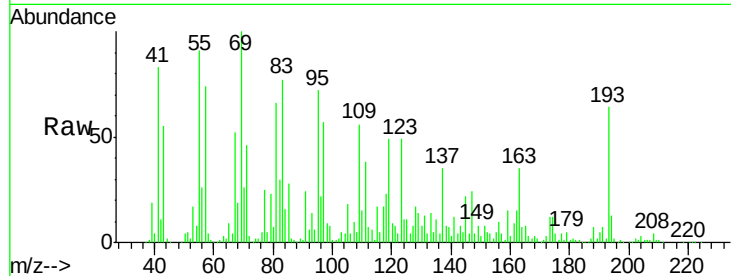
#49
Dimethylphthalate
Concen: 8.62 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87688		
194	37.5	2.9	4.3#	
164	18.7	8.3	12.5#	

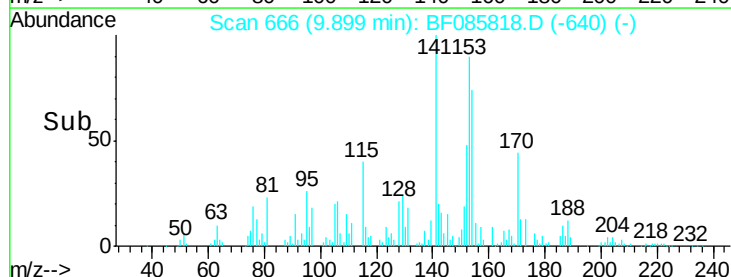
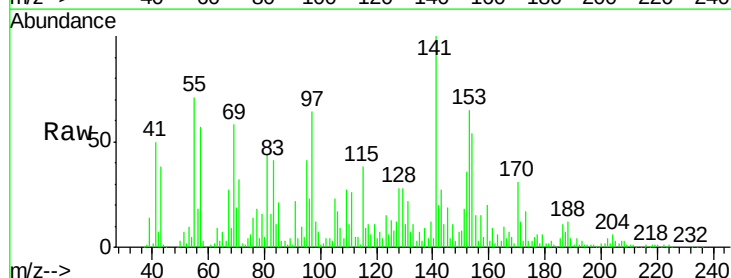
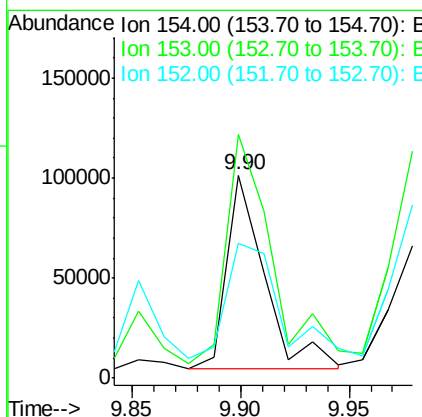
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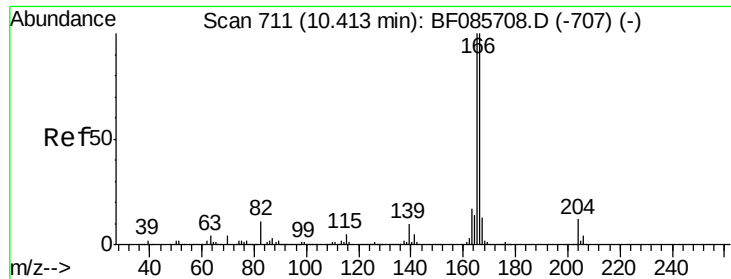
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#51
Acenaphthene
Concen: 14.16 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

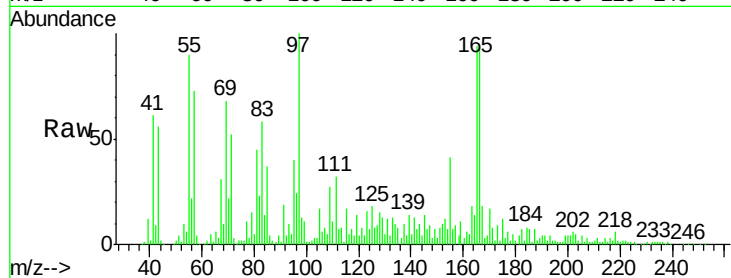
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	117208		
153	120.2	90.1	135.1	
152	66.7	44.2	66.2#	





#57
Fluorene
 Concen: 27.28 ng
 RT: 10.42 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

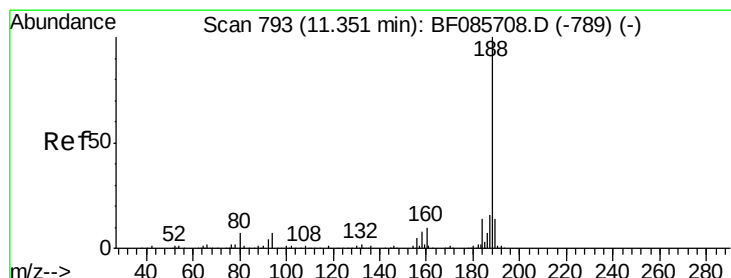
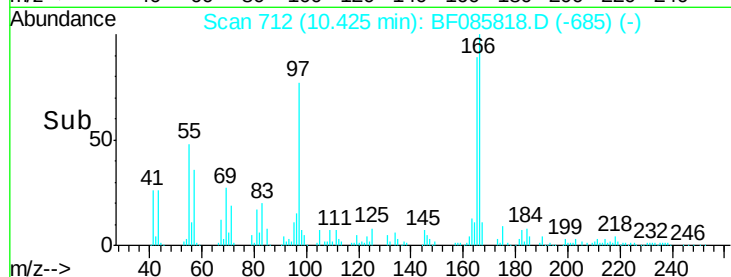
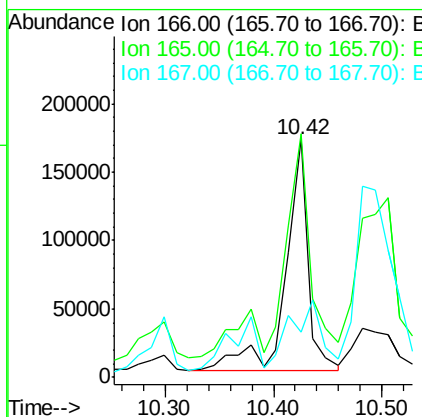
Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	242954		
165	102.2	79.4	119.0	
167	19.1	11.0	16.4#	

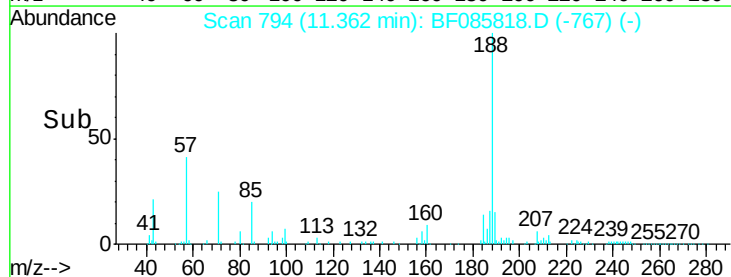
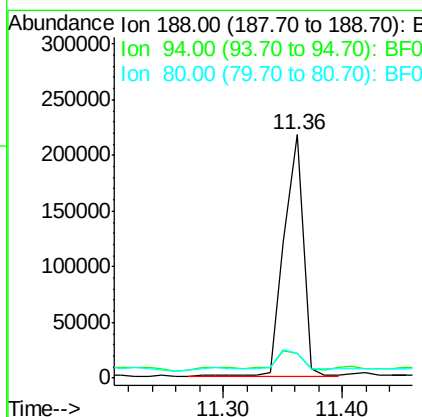
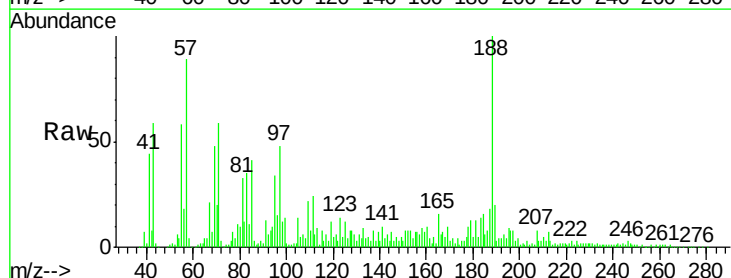
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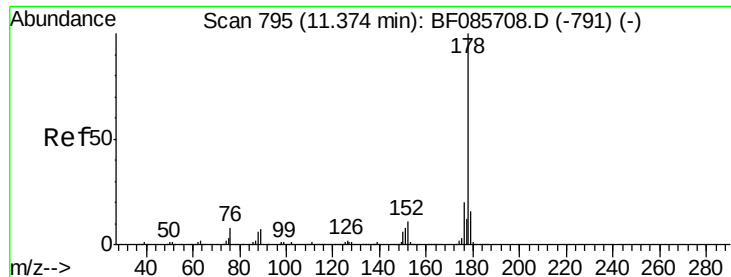
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	240187		
94	10.0	5.4	8.0#	
80	10.0	5.5	8.3#	





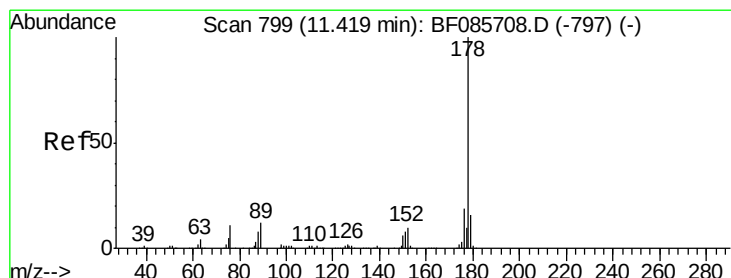
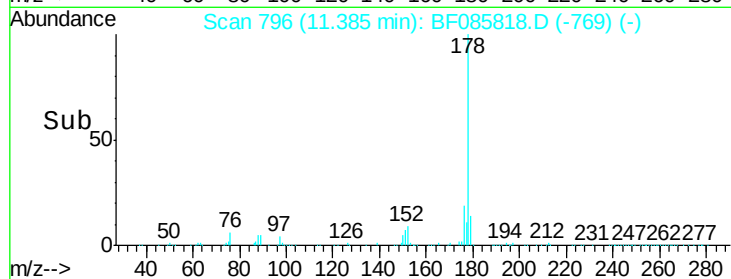
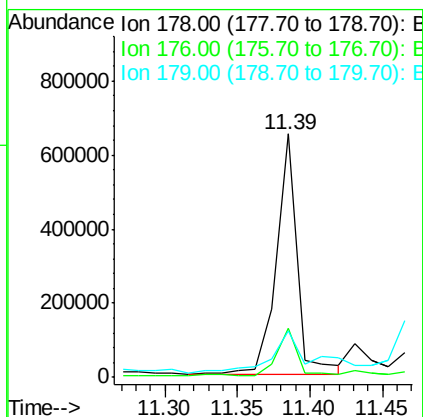
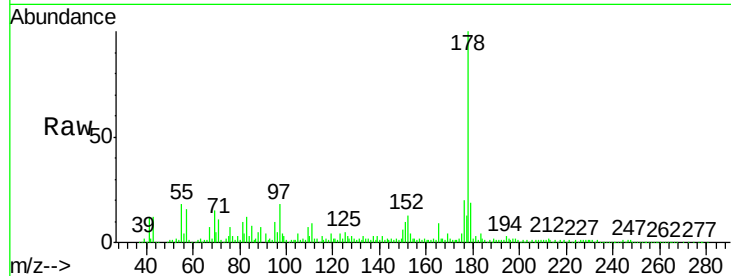
#70
Phenanthrene
Concen: 52.68 ng
RT: 11.39 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	18.8	12.6	18.8#

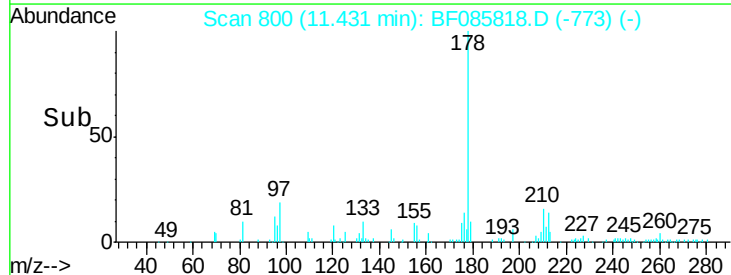
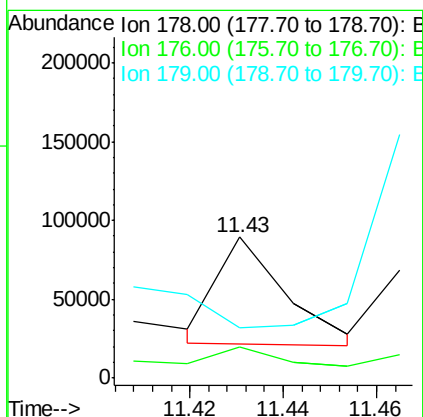
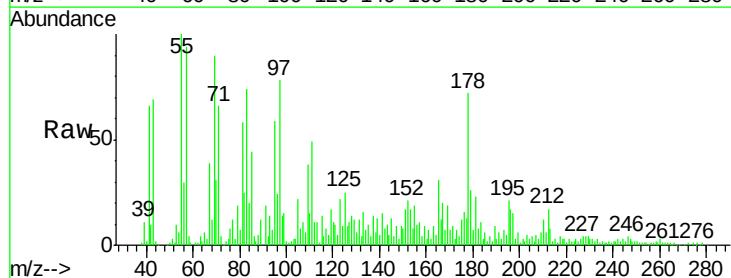
Manual Integrations
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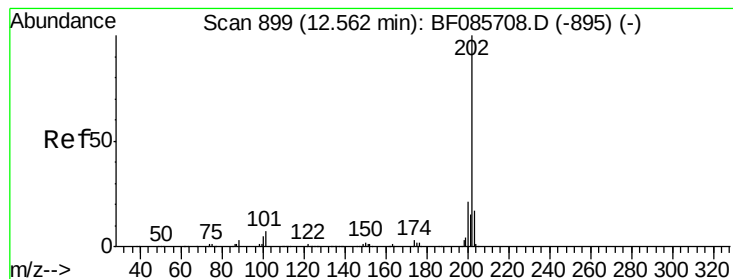
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#71
Anthracene
Concen: 5.28 ng m
RT: 11.43 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.9	23.9
179	35.9	13.0	19.4#





#74

Fluoranthene

Concen: 10.19 ng

RT: 12.56 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

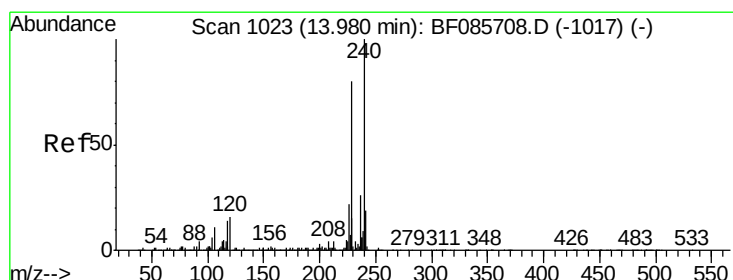
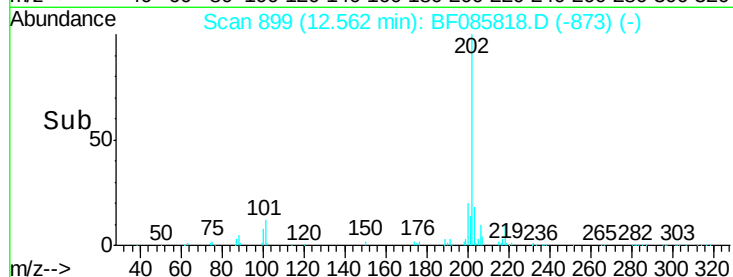
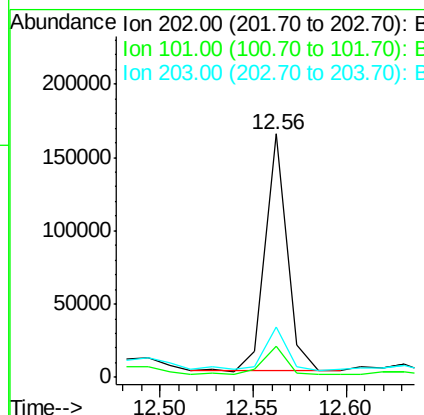
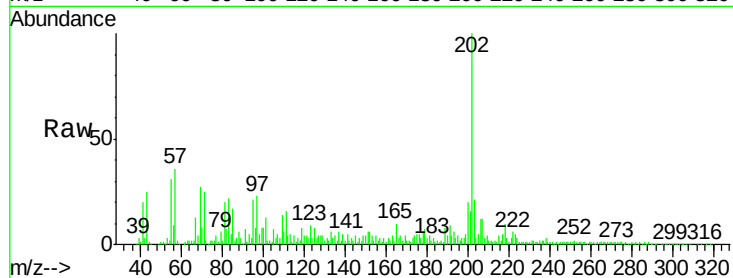
ClientSampleId :

B-929NCOMP

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.9	0.0	36.6		
203	20.6	0.0	38.1		

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3/29/2016 12:03:26 PM



#75

Chrysene-d12

Concen: 20.00 ng

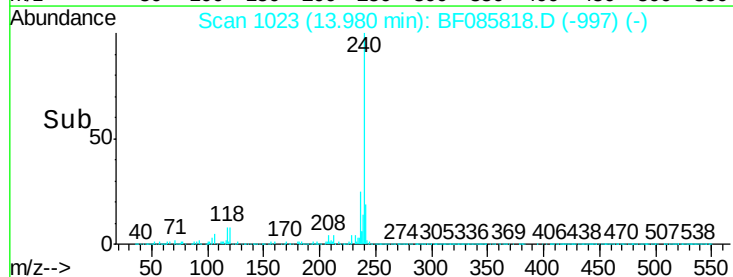
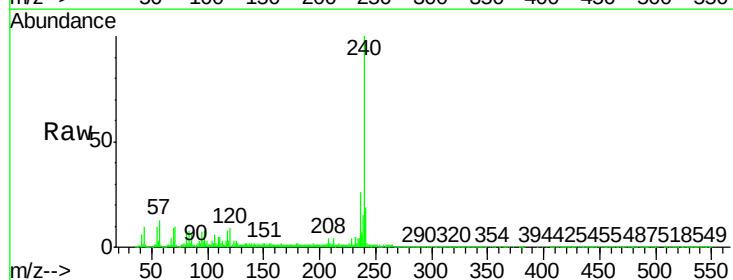
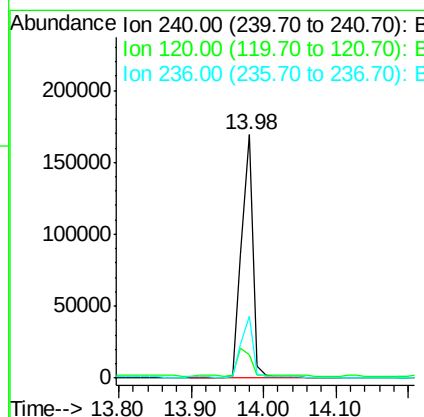
RT: 13.98 min Scan# 1023

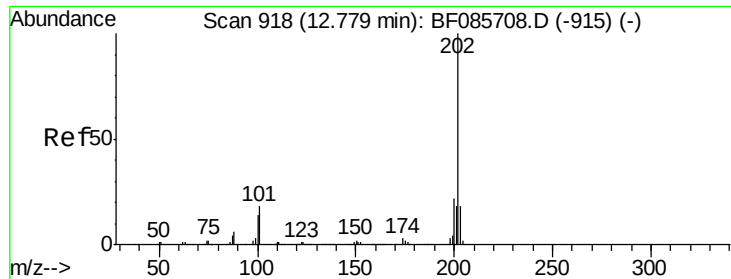
Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.5	13.8	20.8#		
236	25.5	20.6	30.8		





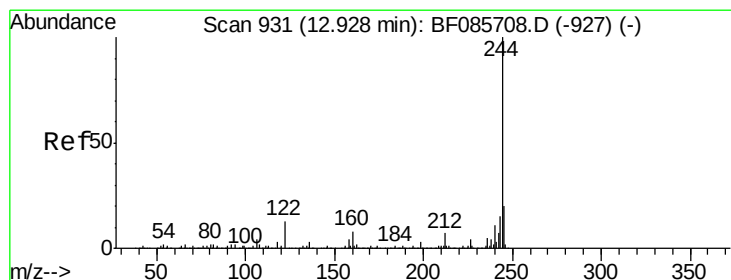
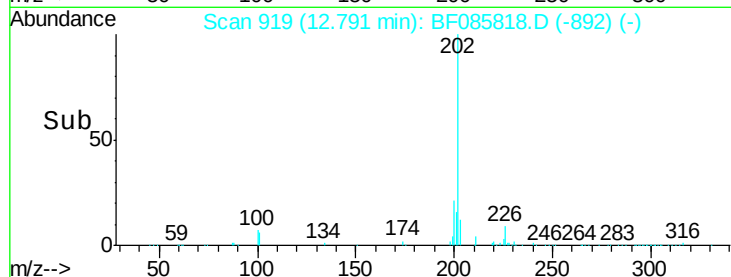
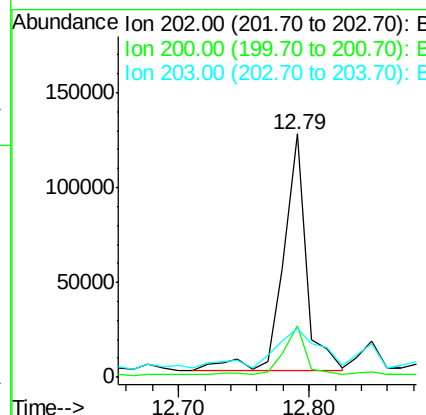
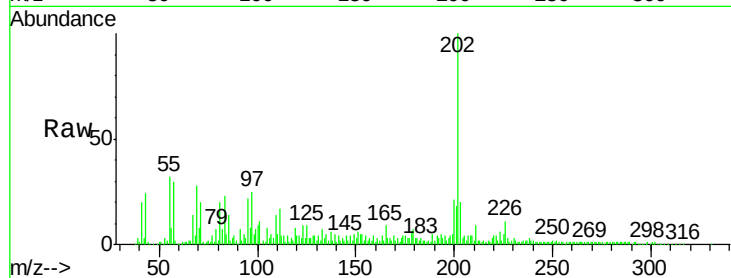
#77
 Pyrene
 Concen: 10.14 ng
 RT: 12.79 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.6	26.4
203	19.9	14.0	21.0

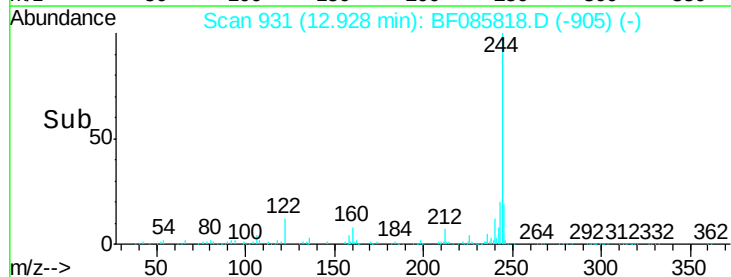
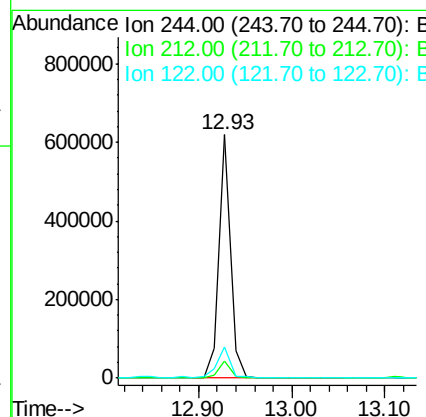
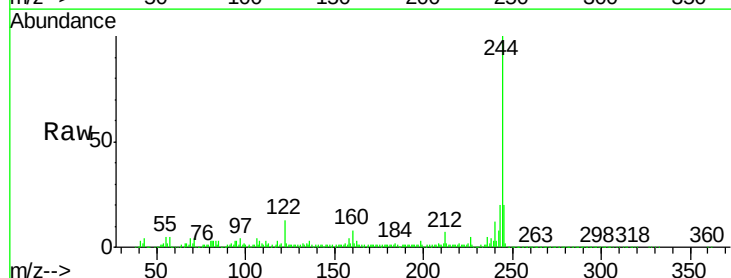
Manual Integrations
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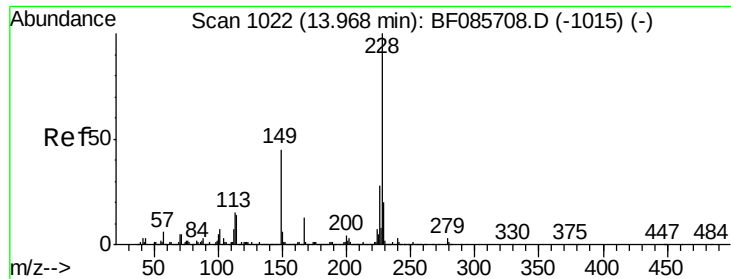
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#78
 Terphenyl-d14
 Concen: 58.97 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	6.1	9.1
122	12.7	10.2	15.4





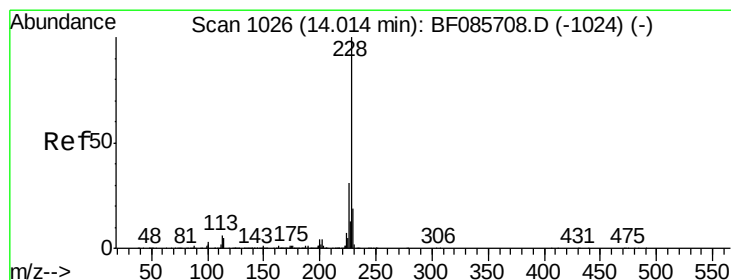
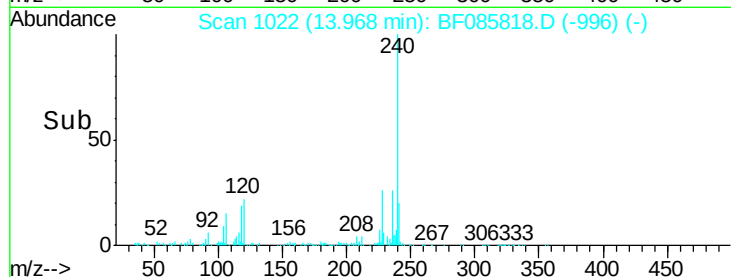
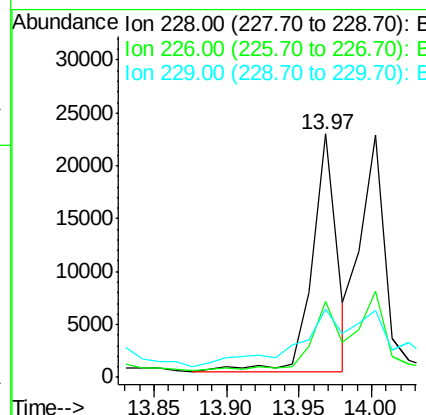
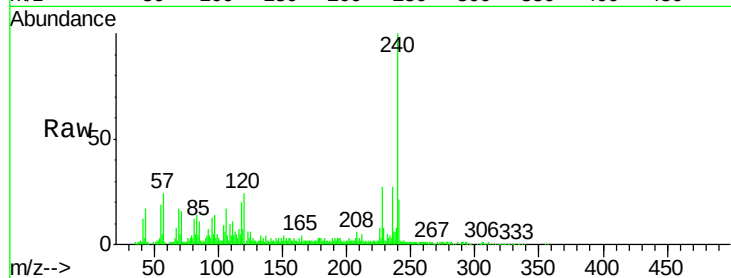
#80
Benzo(a)anthracene
Concen: 2.55 ng
RT: 13.97 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.1	33.1
229	28.3	16.2	24.4

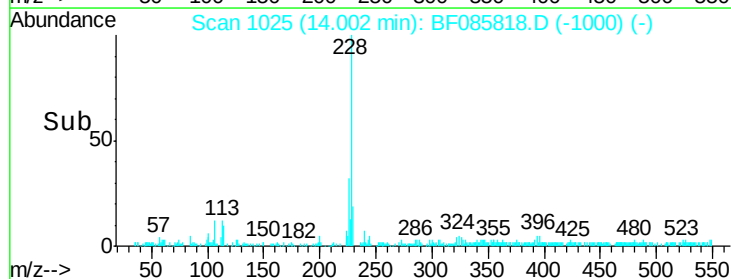
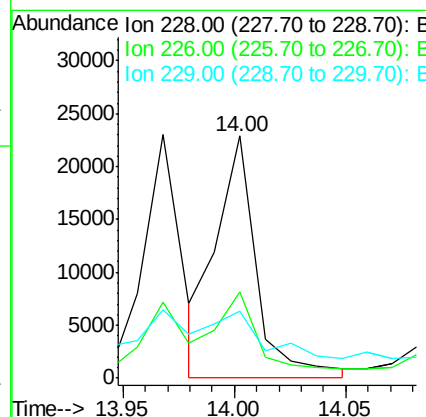
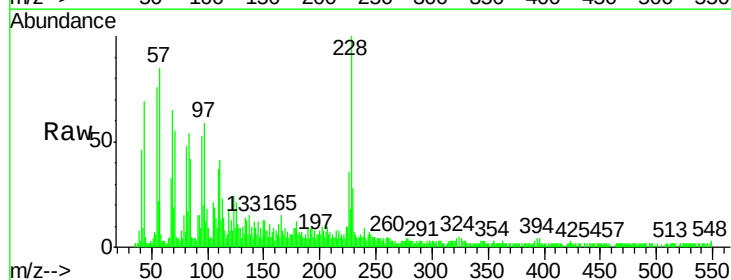
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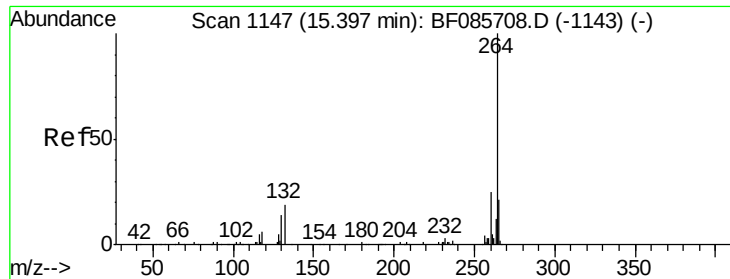
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3/29/2016 12:03:26 PM



#82
Chrysene
Concen: 2.73 ng m
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	25.0	37.6
229	27.8	15.7	23.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

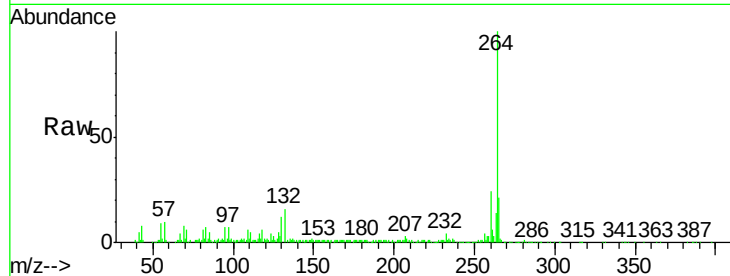
ClientSampleId :

B-929NCOMP

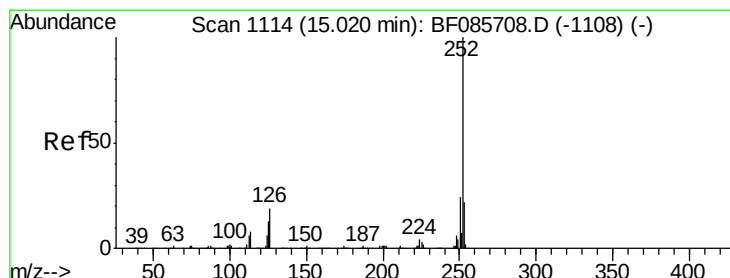
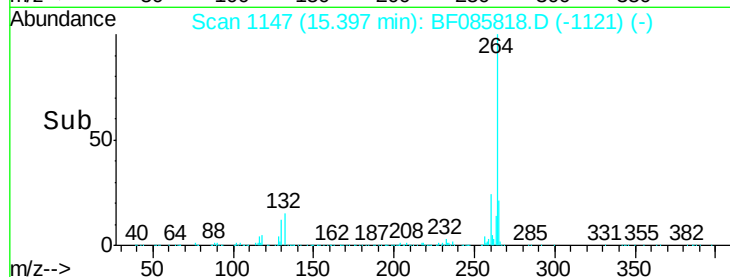
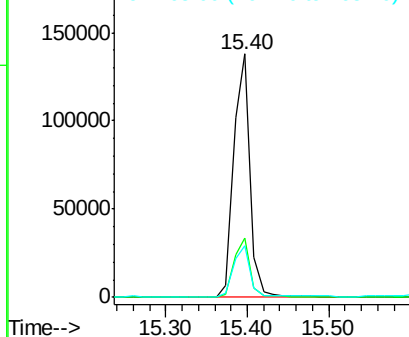
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	192779		
260	24.3	19.4	29.2	
265	21.4	17.2	25.8	

Manual Integrations
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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: 2.59 ng m

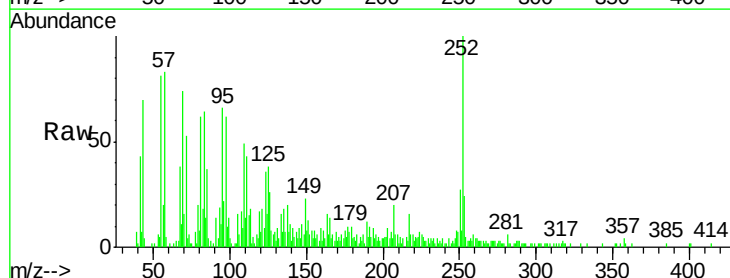
RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	31514		
253	24.3	17.6	26.4	
125	37.7	10.3	15.5#	



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

