

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086109.D
 Acq On : 6 Apr 2016 20:32
 Operator : UM/SJ
 Sample : H2254-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-19

Manual Integrations
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Sohil
 4/7/2016 8:59:08 AM

Quant Time: Apr 07 02:23:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	145959	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	577276	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	225015	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	356184	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	334505	20.00	ng	-0.03
86) Perylene-d12	15.30	264	307292	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	821167	96.17	ng	-0.02
7) Phenol-d6	6.40	99	1058102	97.55	ng	-0.02
23) Nitrobenzene-d5	7.31	82	552305	56.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	149667	70.87	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	800906	59.18	ng	-0.03
78) Terphenyl-d14	12.84	244	566496	39.81	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	215454	12.92	ng	99
74) Fluoranthene	12.48	202	66916	3.31	ng	91
77) Pyrene	12.70	202	64730	2.75	ng	99
80) Benzo(a)anthracene	13.89	228	45223	2.29	ng	# 88
82) Chrysene	13.93	228	40435m	2.13	ng	
83) Bis(2-ethylhexyl)phthalate	13.88	149	121414	8.62	ng	# 90
87) Benzo(b)fluoranthene	14.91	252	59566m	3.08	ng	
89) Benzo(a)pyrene	15.24	252	39854	2.33	ng	# 94

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

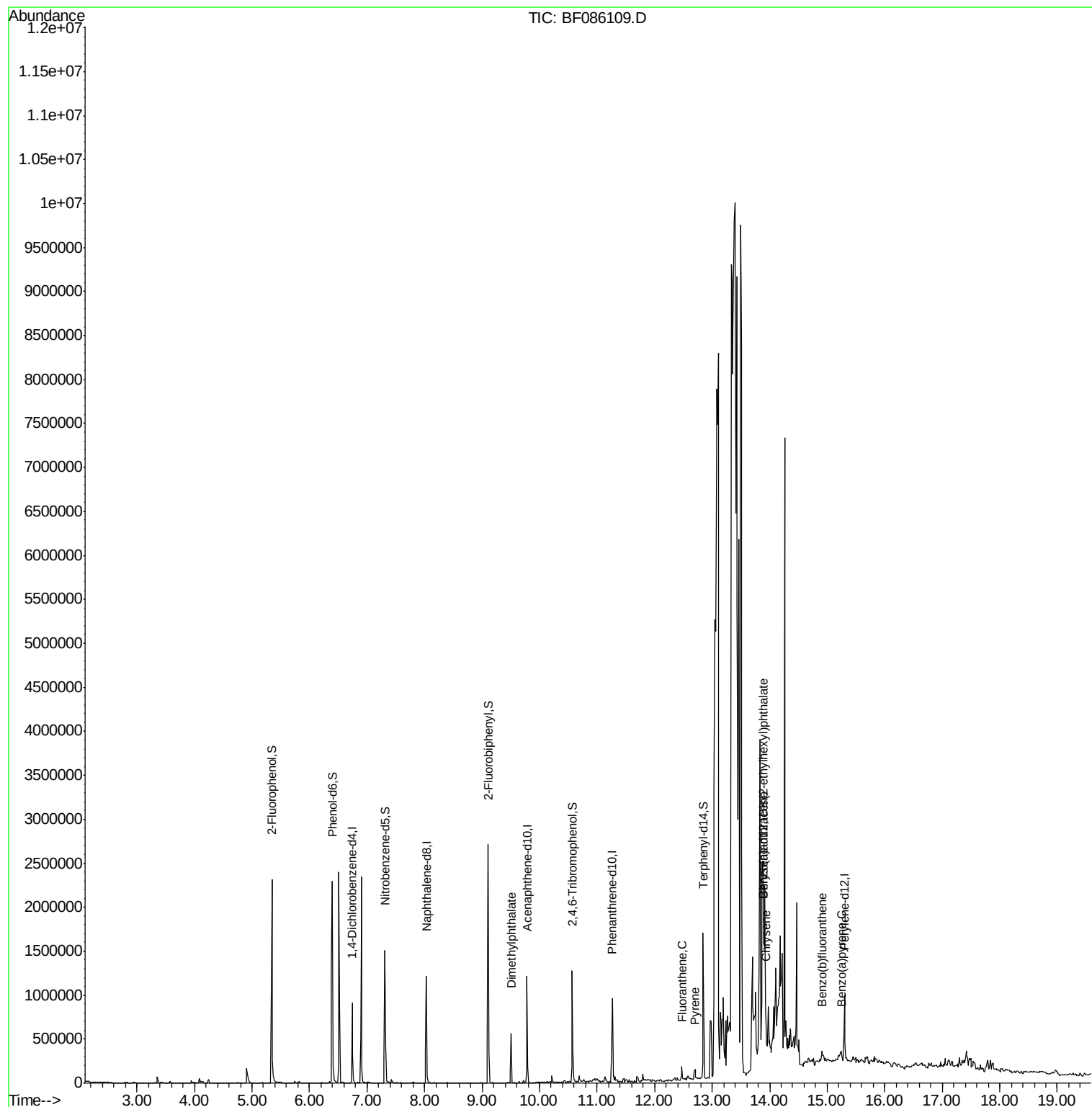
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086109.D
Acq On : 6 Apr 2016 20:32
Operator : UM/SJ
Sample : H2254-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

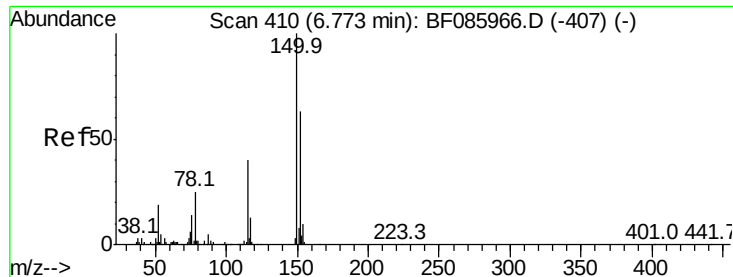
Instrument :
BNA_F
ClientSampleId :
SP-19

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Instrument :

BNA_F

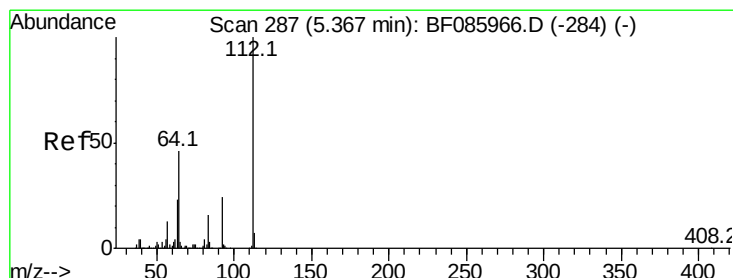
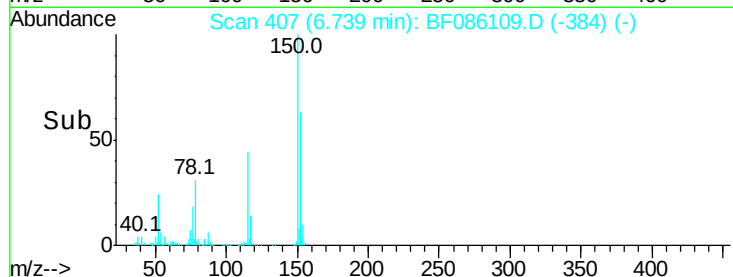
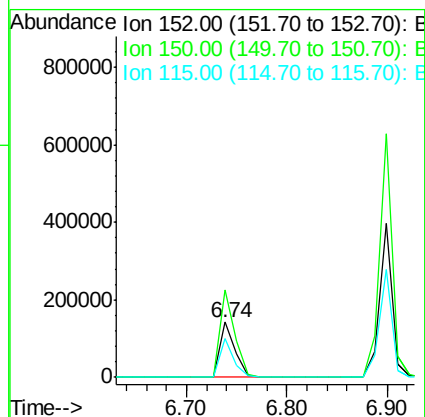
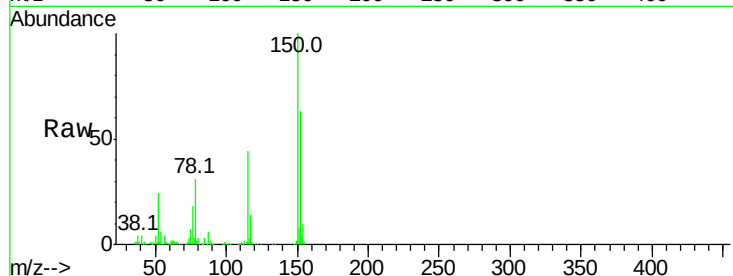
ClientSampleId :

SP-19

Tot Ion:	152	Resp:	145959
Ion Ratio	Lower	Upper	
152	100		
150	158.1	124.2	186.2
115	69.6	47.0	70.6

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#5

2-Fluorophenol

Concen: 96.17 ng

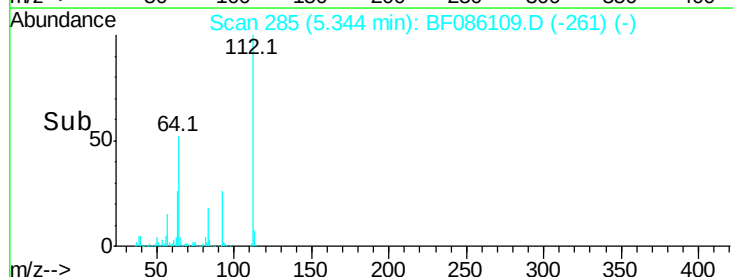
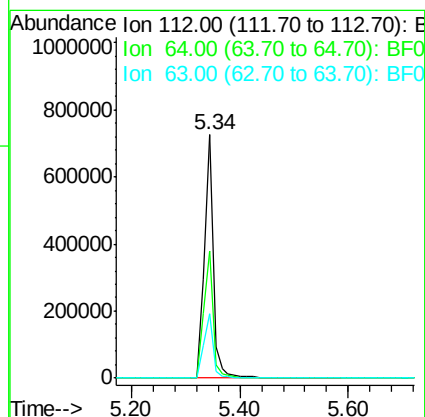
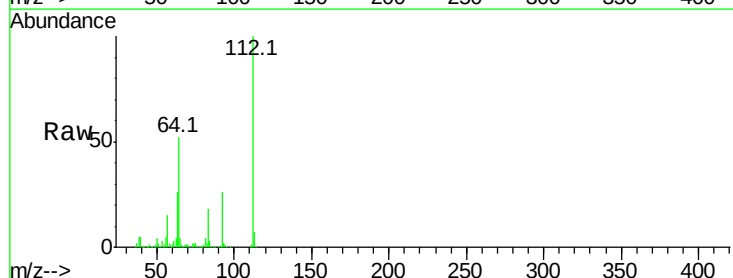
RT: 5.34 min Scan# 285

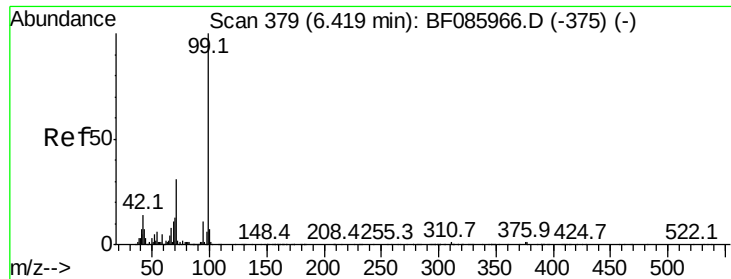
Delta R.T. -0.02 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Tgt Ion:	112	Resp:	821167
Ion Ratio	Lower	Upper	
112	100		
64	52.1	39.9	59.9
63	26.2	20.2	30.2





#7

Phenol-d6

Concen: 97.55 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Instrument :

BNA_F

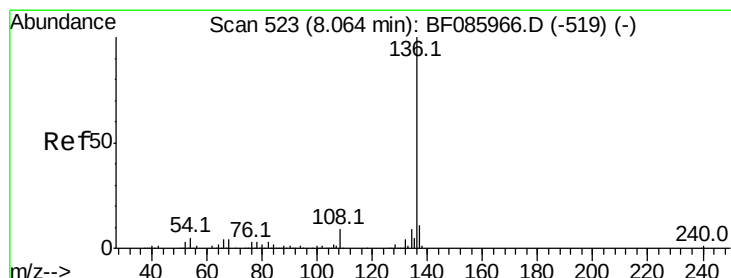
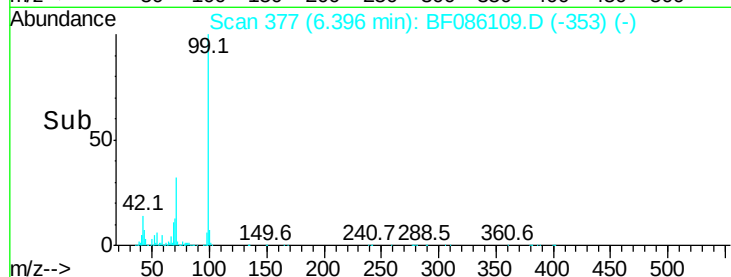
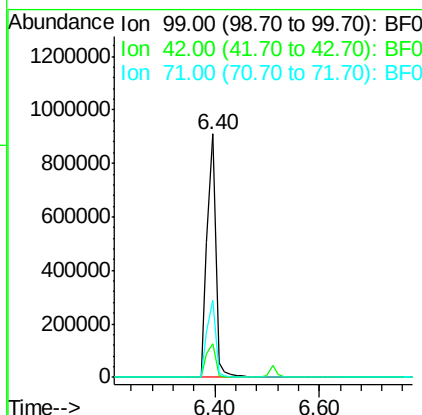
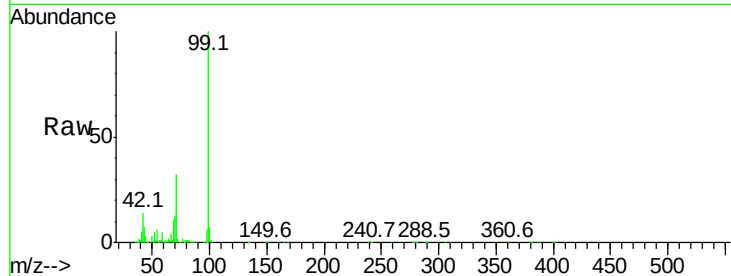
ClientSampleId :

SP-19

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	13.7	11.1	16.7	
71	31.6	24.9	37.3	

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#21

Naphthalene-d8

Concen: 20.00 ng

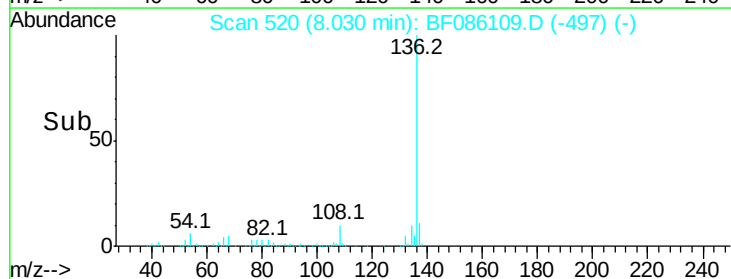
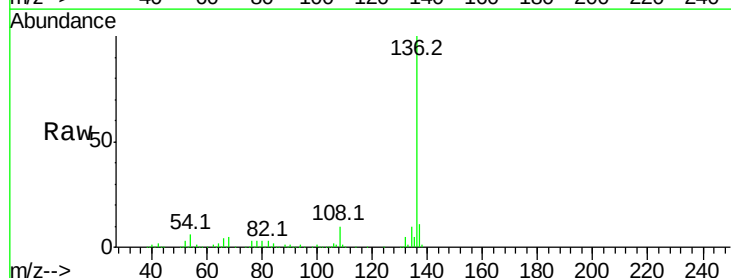
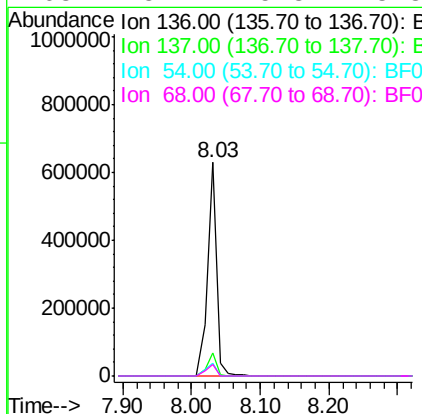
RT: 8.03 min Scan# 520

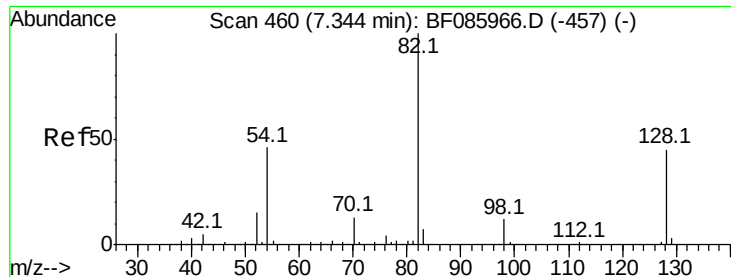
Delta R.T. -0.03 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	6.1	7.4	11.0#	
68	5.2	5.8	8.8#	





#23

Nitrobenzene-d5

Concen: 56.42 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Instrument :

BNA_F

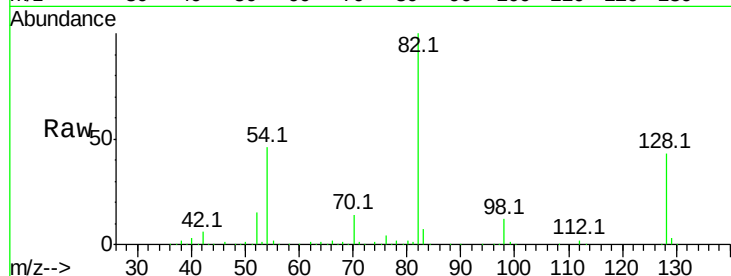
ClientSampled :

SP-19

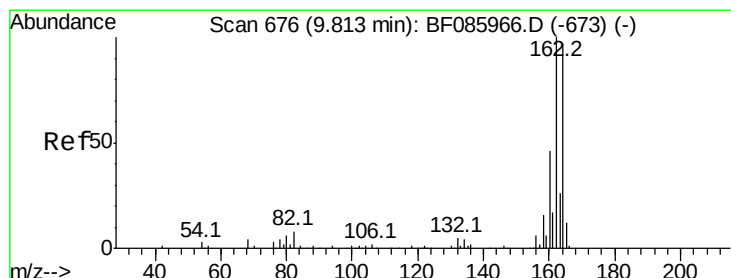
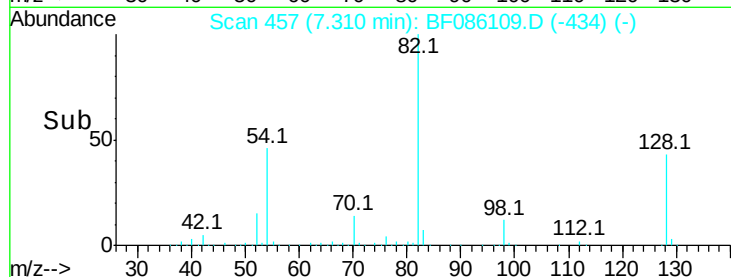
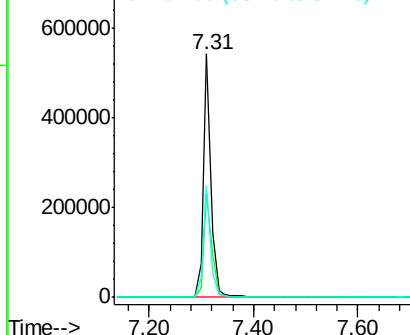
Tot Ion:	82	Resp:	552305
Ion Ratio	Lower	Upper	
82	100		
128	43.0	41.8	62.8
54	46.0	33.4	50.0

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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

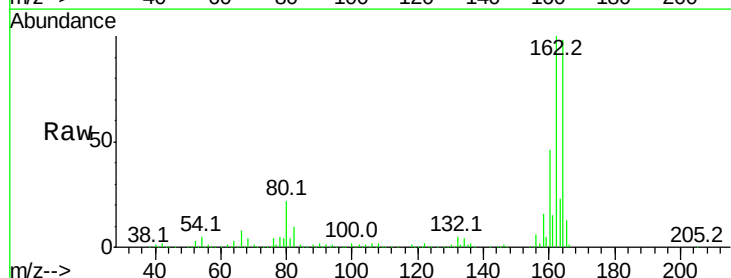
RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

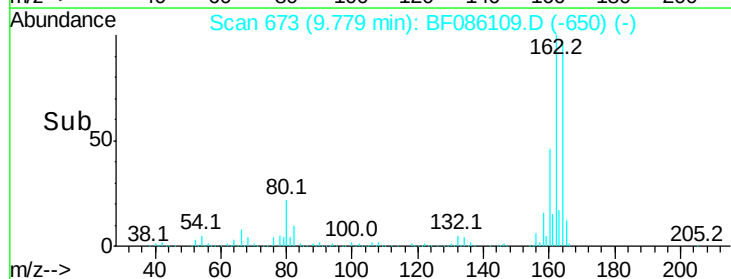
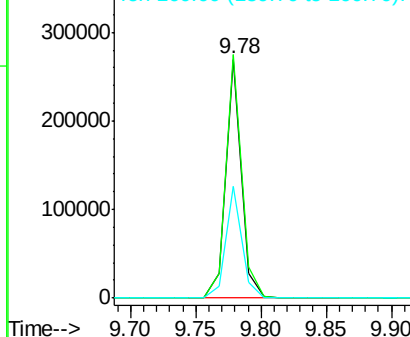
Lab File: BF086109.D

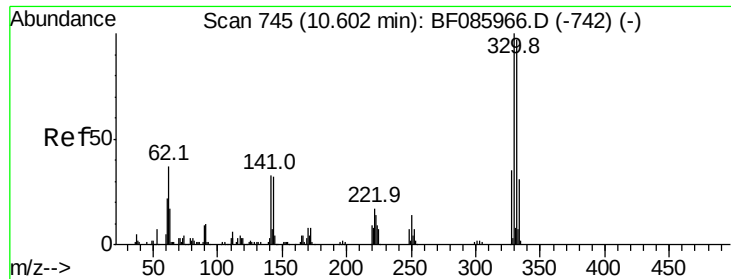
Acq: 6 Apr 2016 20:32

Tgt Ion:	164	Resp:	225015
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.1	123.1
160	46.9	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





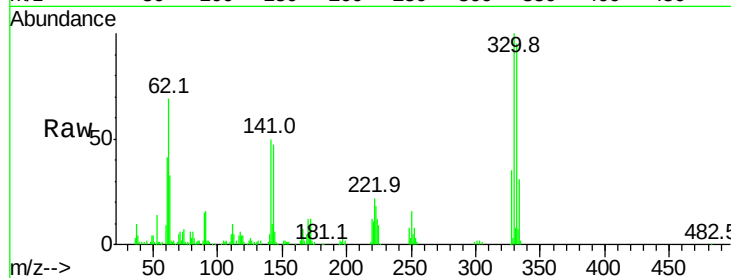
#41
2,4,6-Tribromophenol
Concen: 70.87 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Instrument :
BNA_F
ClientSampled :
SP-19

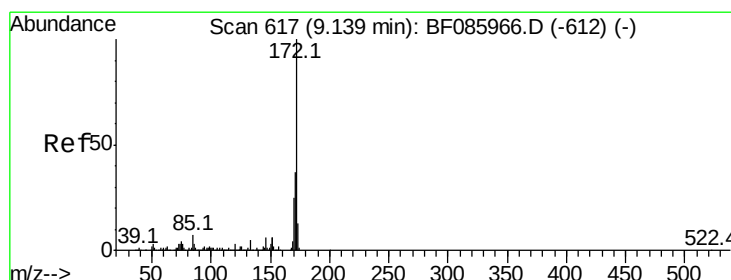
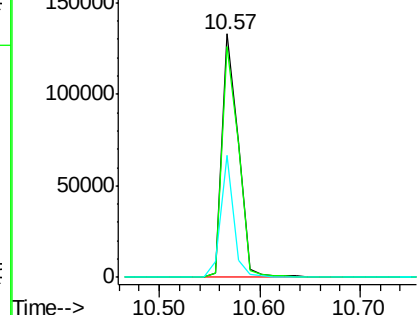
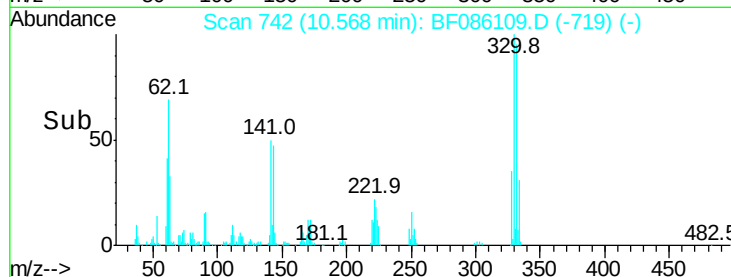
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	78.2	117.2	
141	40.5	31.5	47.3	

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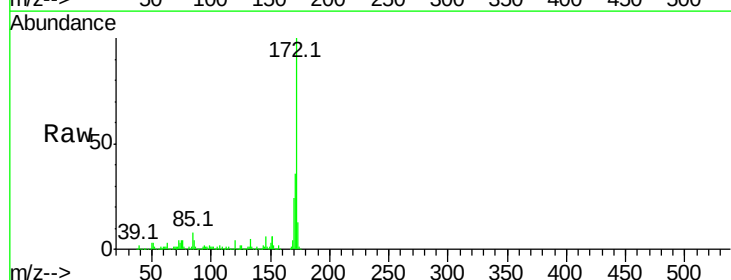


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

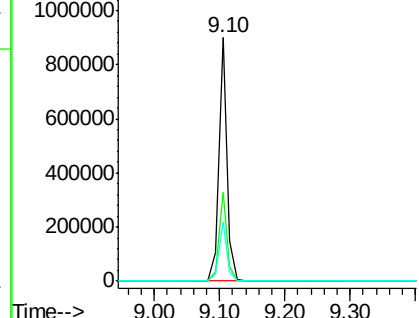
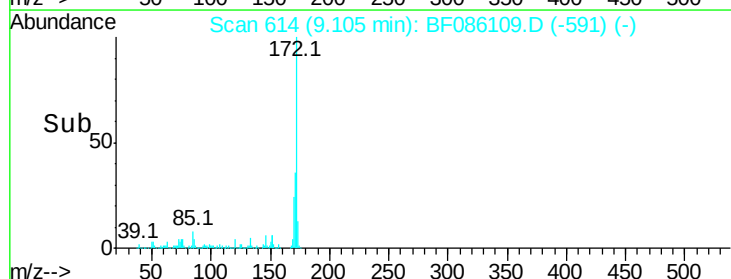


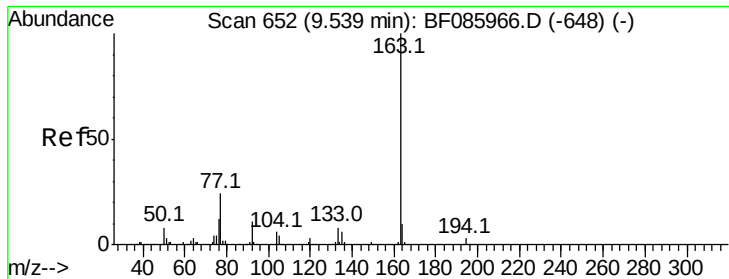
#44
2-Fluorobiphenyl
Concen: 59.18 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.4	44.2	
170	24.2	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





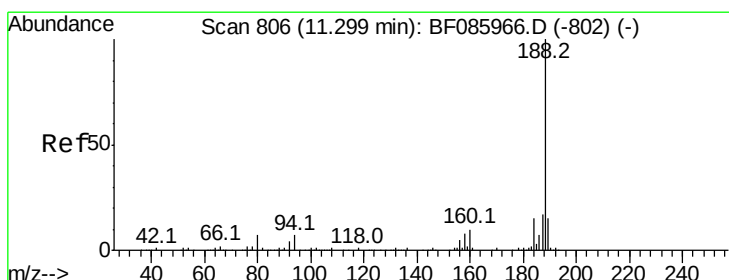
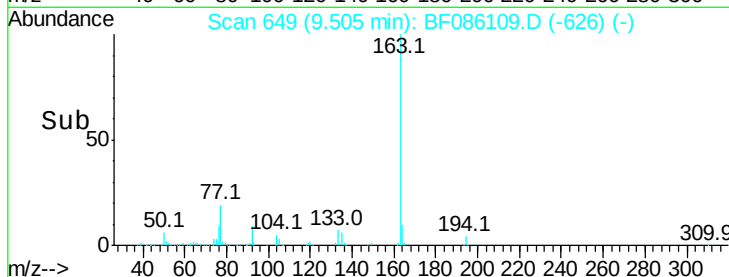
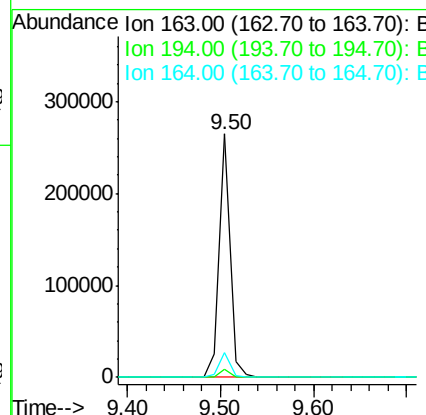
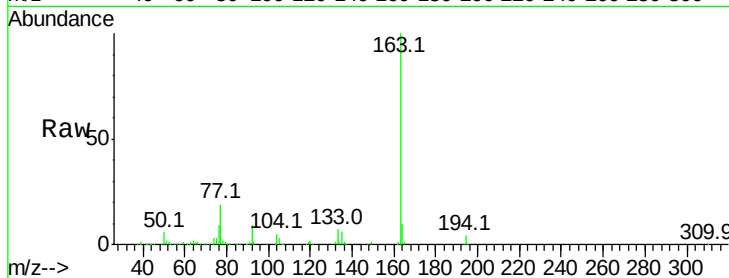
#49
Dimethylphthalate
Concen: 12.92 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	163	Resp:	215454
Ion Ratio		Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.9	8.3	12.5

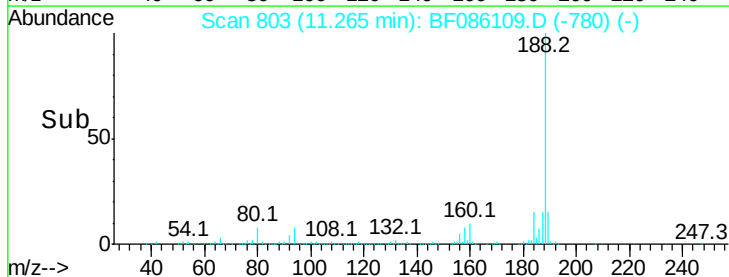
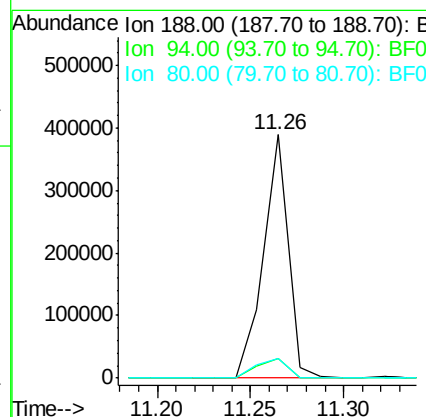
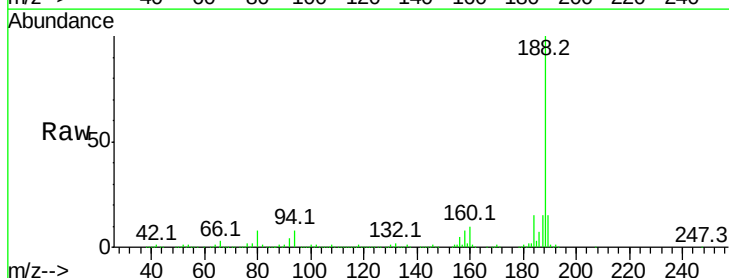
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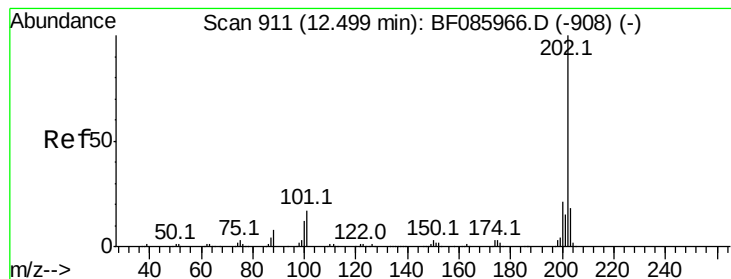
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Tgt Ion:	188	Resp:	356184
Ion Ratio		Lower	Upper
188	100		
94	8.0	5.4	8.0
80	8.2	5.5	8.3





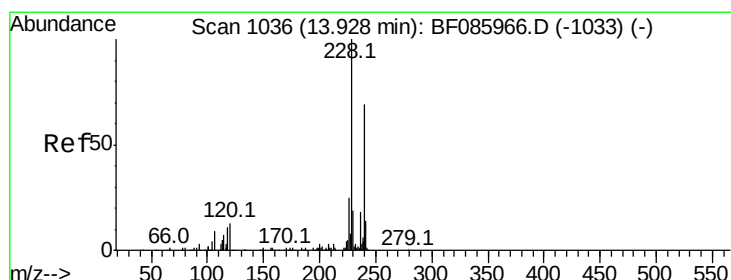
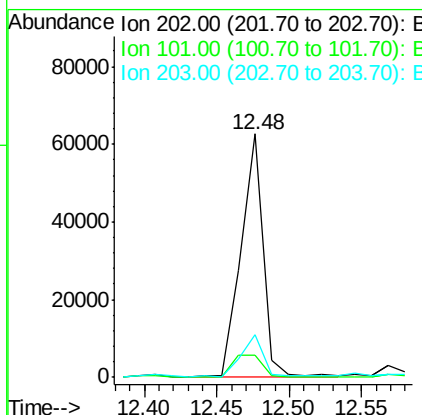
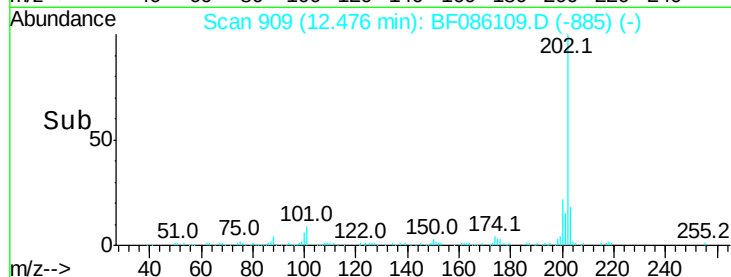
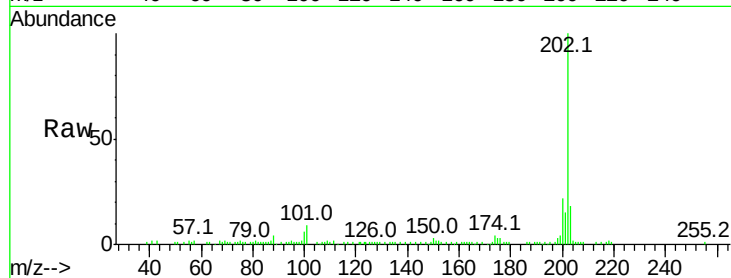
#74
Fluoranthene
Concen: 3.31 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Instrument :
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ClientSampleId :
SP-19

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	36.6
203	17.6	0.0	38.1

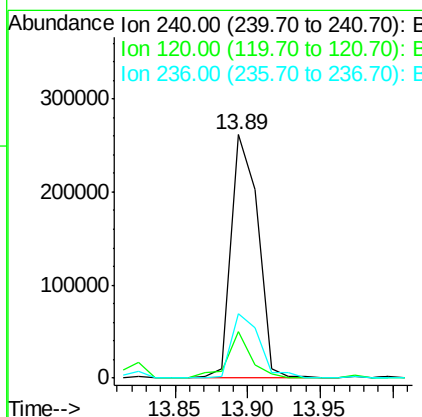
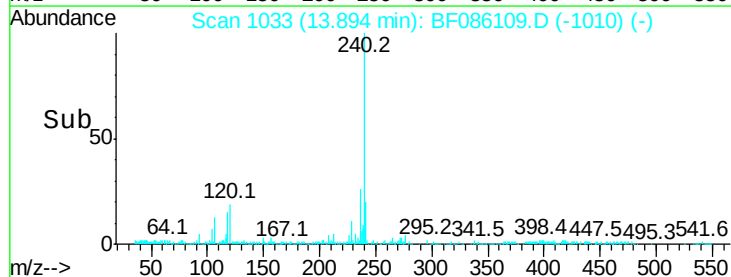
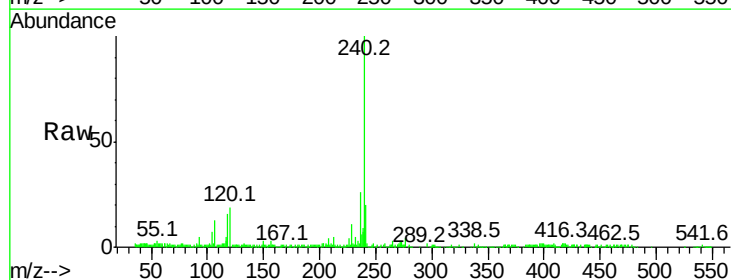
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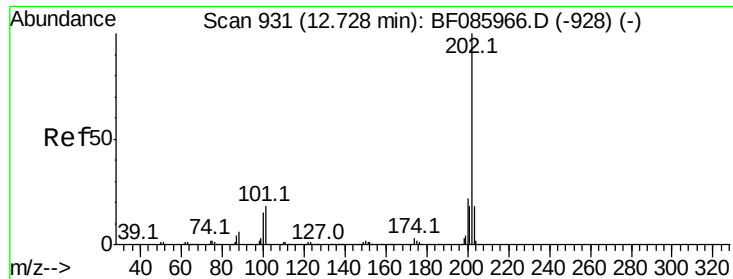
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	18.9	13.8	20.8
236	26.4	20.6	30.8





#77

Pvrene

Concen: 2.75 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Instrument :

BNA_F

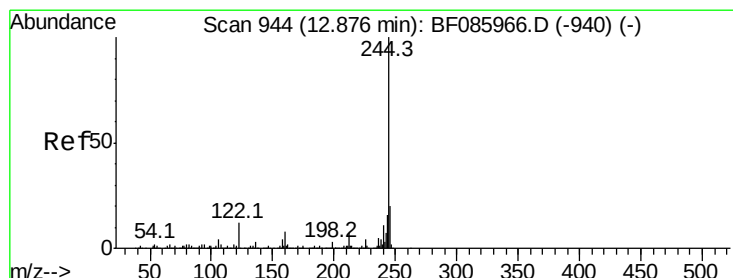
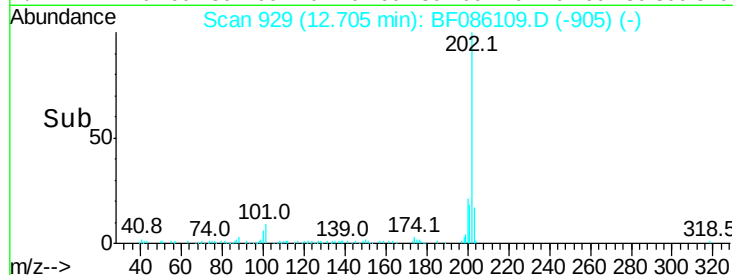
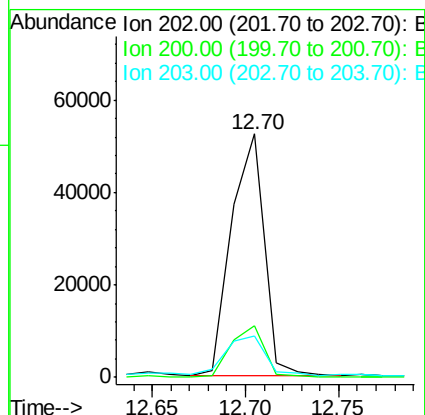
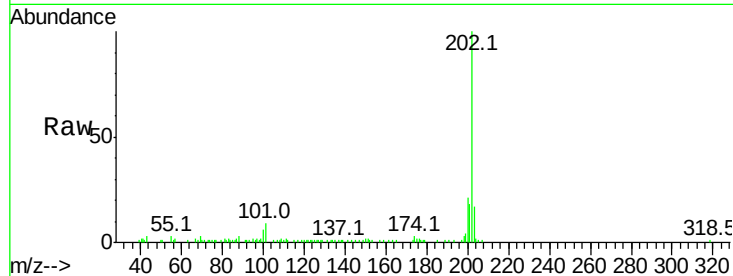
ClientSampleId :

SP-19

Tot Ion:	202	Resp:	64730
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	17.2	14.0	21.0

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#78

Terphenyl-d14

Concen: 39.81 ng

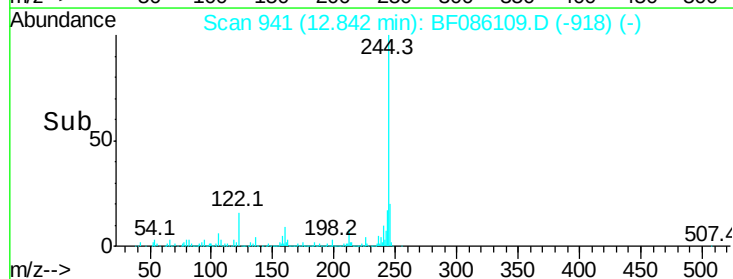
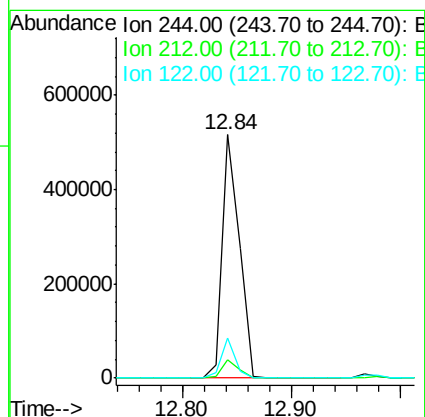
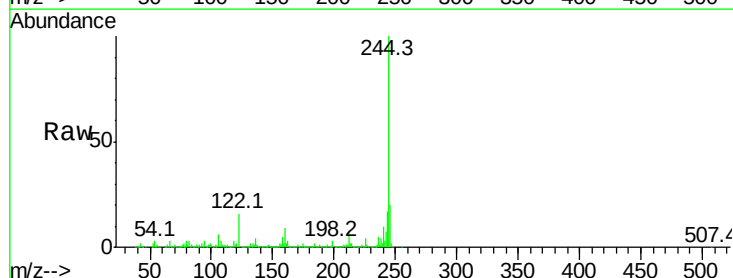
RT: 12.84 min Scan# 941

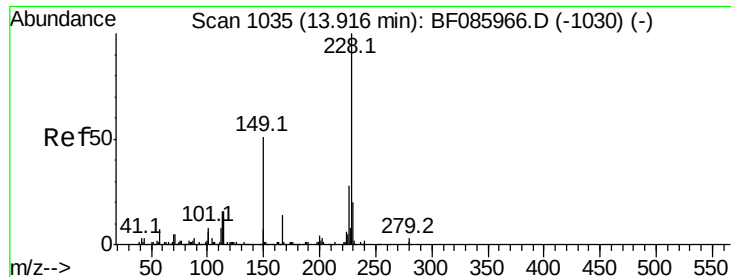
Delta R.T. -0.03 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Tgt Ion:	244	Resp:	566496
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	16.3	10.2	15.4#





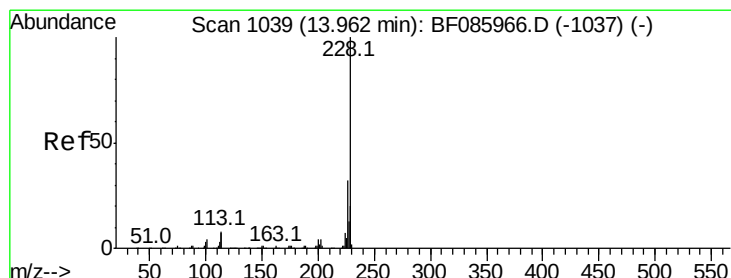
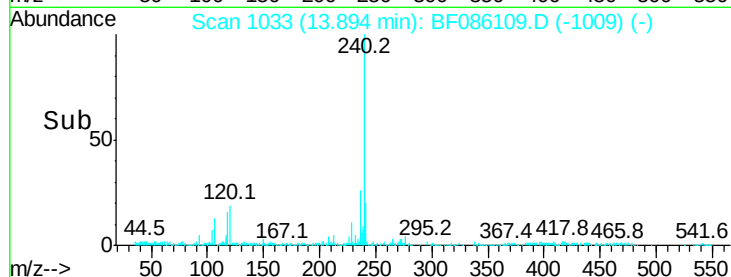
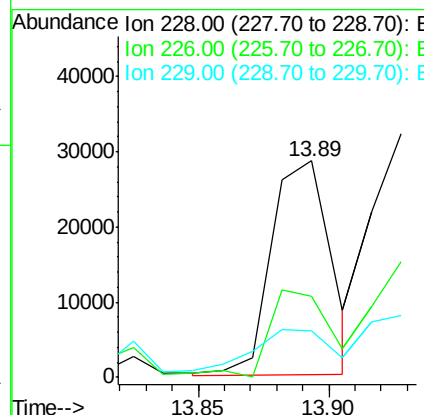
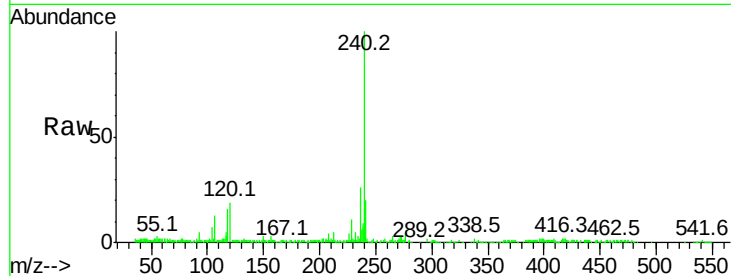
#80
Benzo(a)anthracene
Concen: 2.29 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Instrument :
BNA_F
ClientSampleId :
SP-19

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.4	22.1	33.1#
229	21.5	16.2	24.4

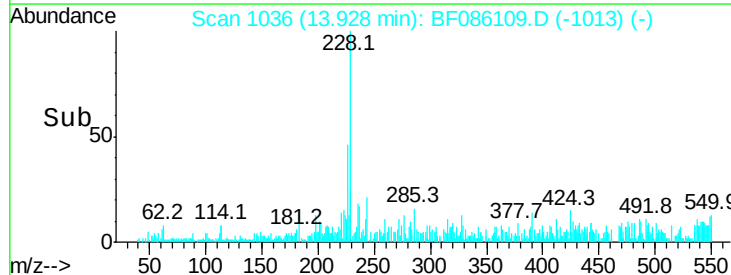
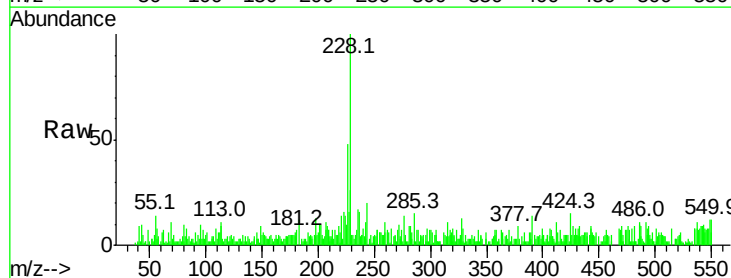
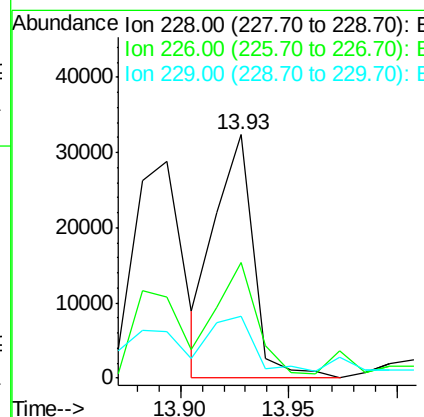
Manual Integrations
APPROVED

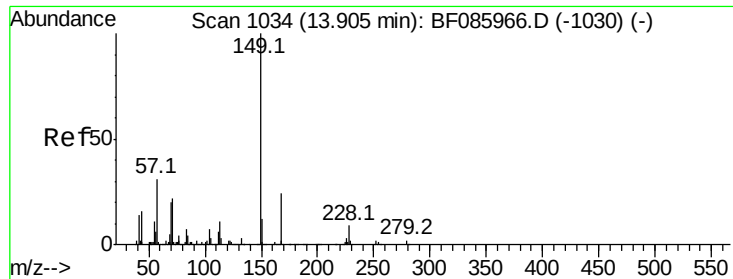
Sohil
4/7/2016 8:59:08 AM



#82
Chrysene
Concen: 2.13 ng m
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	47.5	25.0	37.6#
229	25.5	15.7	23.5#





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.62 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Instrument :

BNA_F

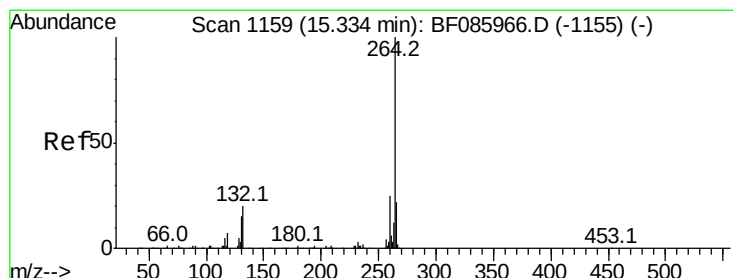
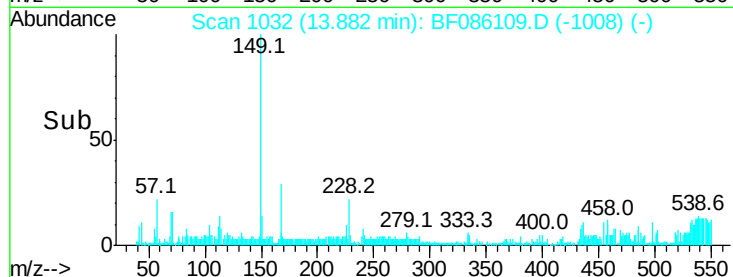
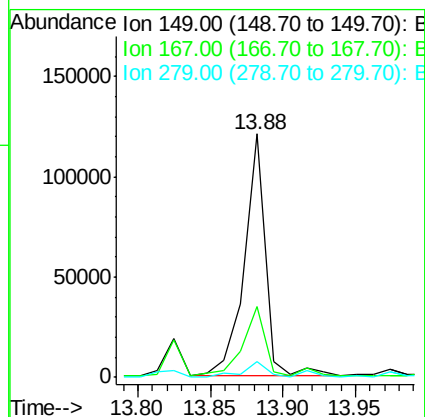
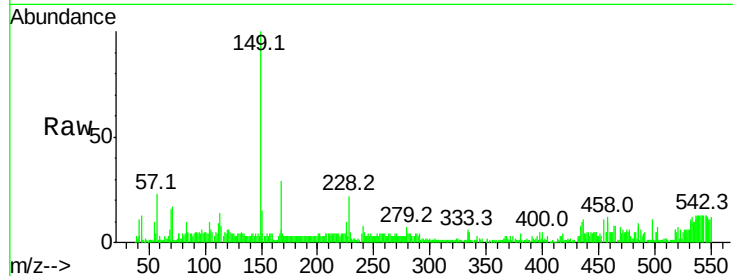
ClientSampleId :

SP-19

Tot Ion:	149	Resp:	121414
Ion Ratio	Lower	Upper	
149	100		
167	29.1	19.4	29.2
279	6.5	1.5	2.3#

Manual Integrations
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4/7/2016 8:59:08 AM



#86

Perylene-d12

Concen: 20.00 ng

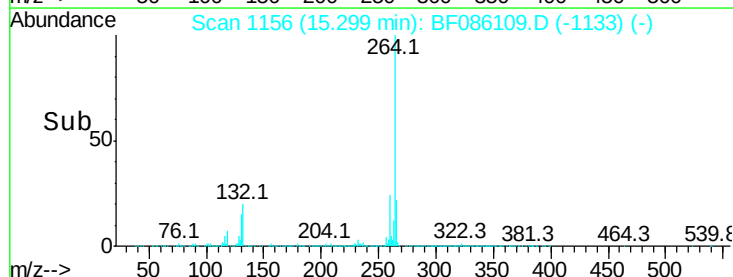
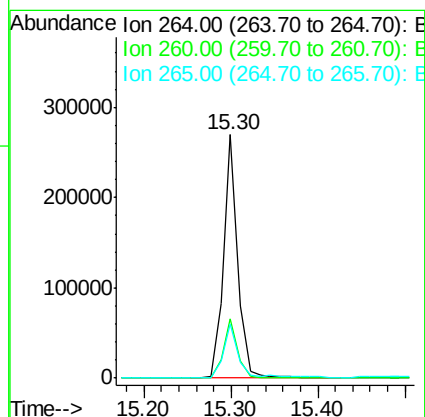
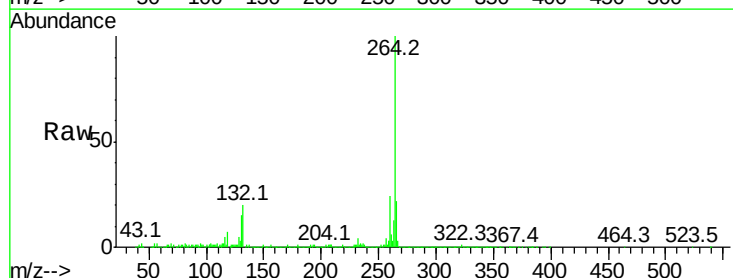
RT: 15.30 min Scan# 1156

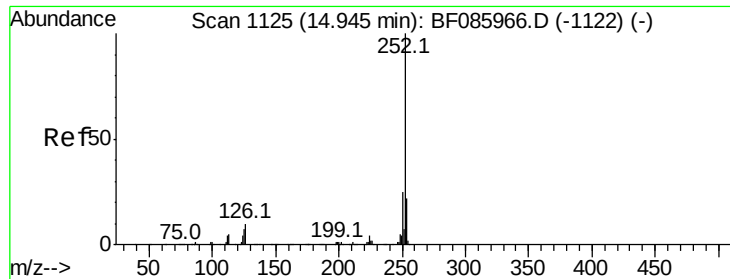
Delta R.T. -0.03 min

Lab File: BF086109.D

Acq: 6 Apr 2016 20:32

Tgt Ion:	264	Resp:	307292
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	22.1	17.2	25.8





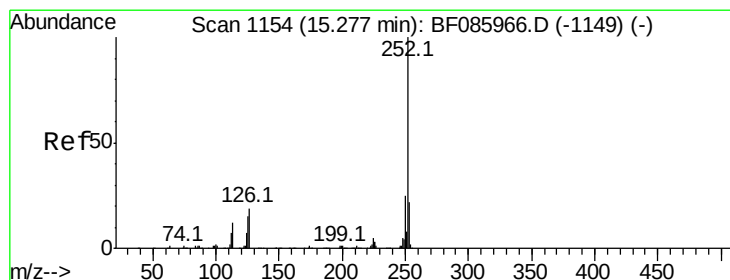
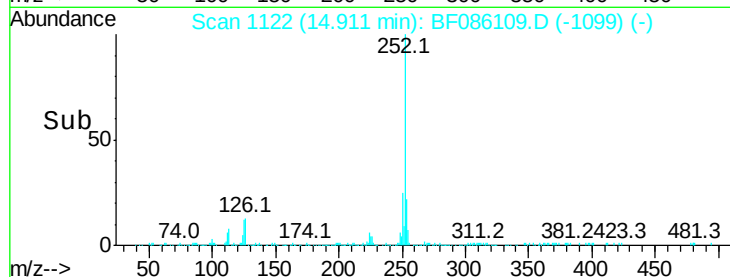
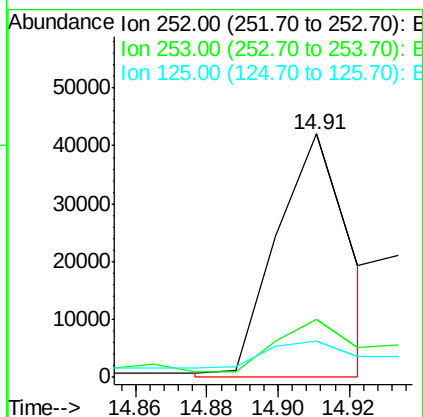
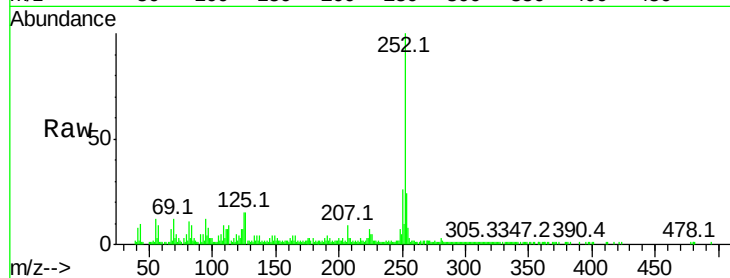
#87
Benzo(b)fluoranthene
Concen: 3.08 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Instrument :
BNA_F
ClientSampled :
SP-19

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	15.1	10.3	15.5

Manual Integrations
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4/7/2016 8:59:08 AM



#89
Benzo(a)pyrene
Concen: 2.33 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086109.D
Acq: 6 Apr 2016 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	16.0	10.3	15.5#

