

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086105.D
 Acq On : 6 Apr 2016 18:37
 Operator : UM/SJ
 Sample : H2254-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-15

Manual Integrations
 APPROVED

Sohil
 4/7/2016 8:59:12 AM

Quant Time: Apr 07 02:07:11 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	156701	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	635432	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	280773	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	507191	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	311529	20.00	ng	-0.03
86) Perylene-d12	15.30	264	323575	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	952654	103.92	ng	-0.02
7) Phenol-d6	6.40	99	1242420	106.70	ng	-0.02
23) Nitrobenzene-d5	7.31	82	671071	62.28	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	263840	100.12	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1009612	59.79	ng	-0.03
78) Terphenyl-d14	12.84	244	821440	61.98	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	244681	11.76	ng	99
74) Fluoranthene	12.48	202	70674	2.46	ng	89
77) Pyrene	12.71	202	129109	5.88	ng	97
80) Benzo(a)anthracene	13.88	228	52359	2.85	ng	98
82) Chrysene	13.93	228	38725m	2.19	ng	
87) Benzo(b)fluoranthene	14.91	252	46612m	2.29	ng	
89) Benzo(a)pyrene	15.24	252	42492	2.36	ng	99

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

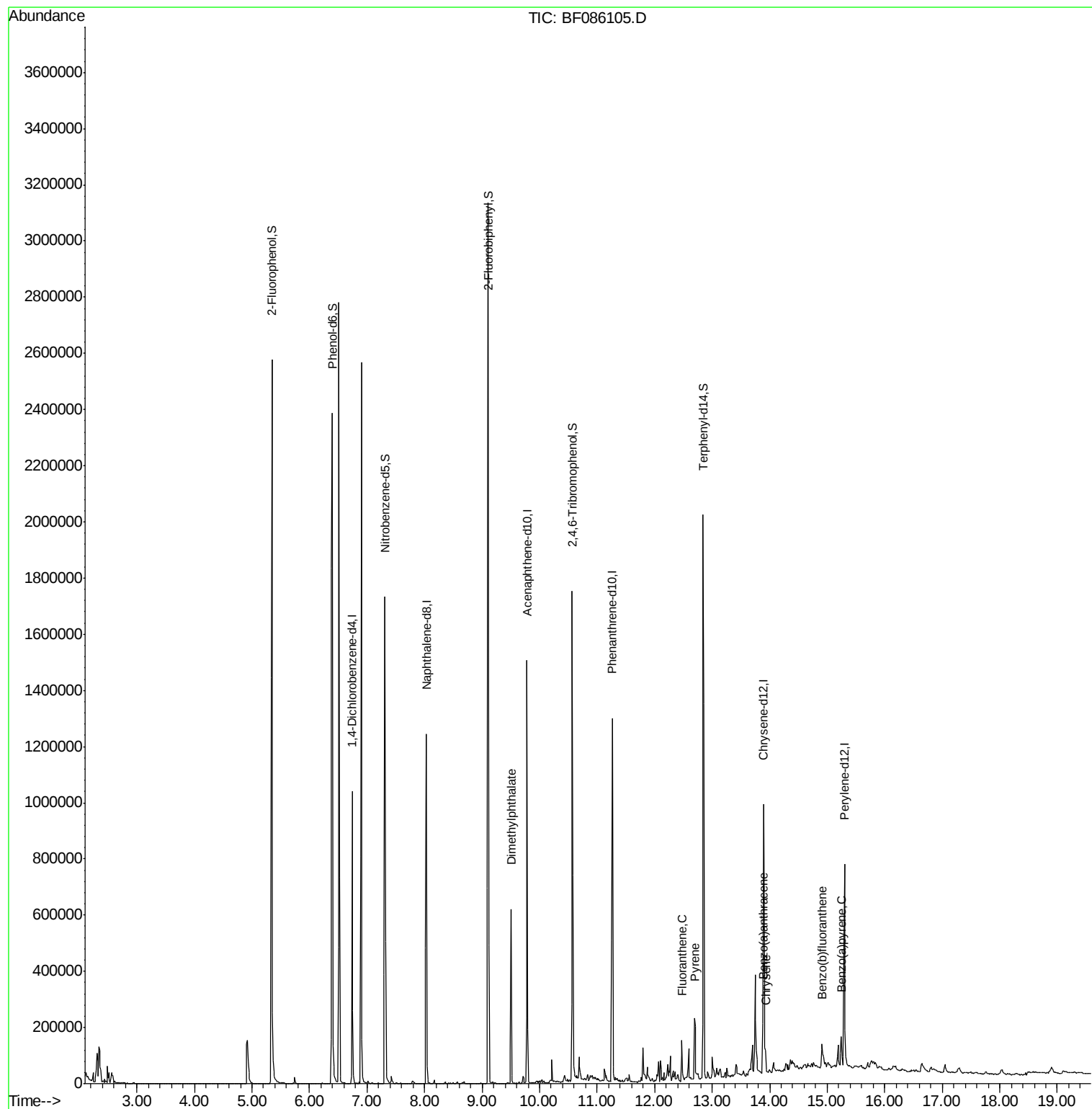
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086105.D
Acq On : 6 Apr 2016 18:37
Operator : UM/SJ
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ALS Vial : 16 Sample Multiplier: 1

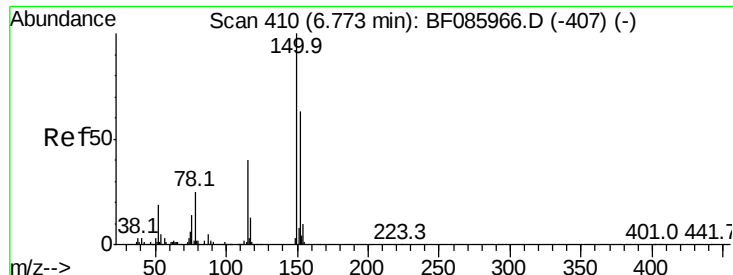
Instrument :
BNA_F
ClientSampleId :
SP-15

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Quant Time: Apr 07 02:07:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

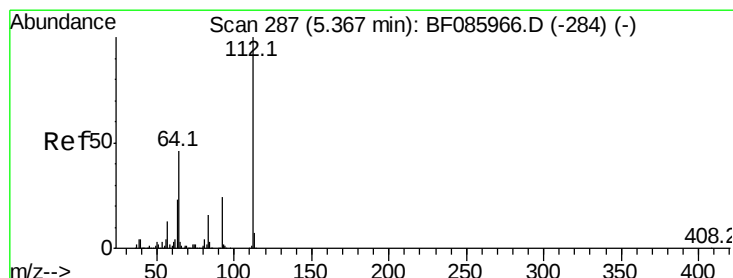
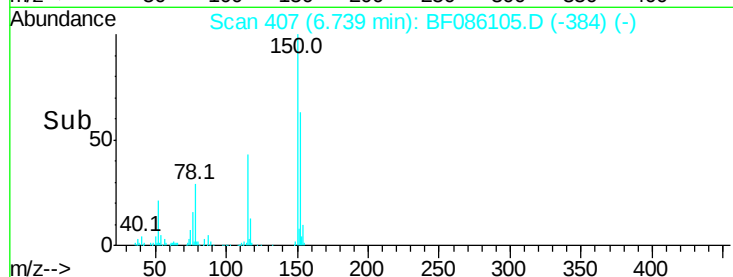
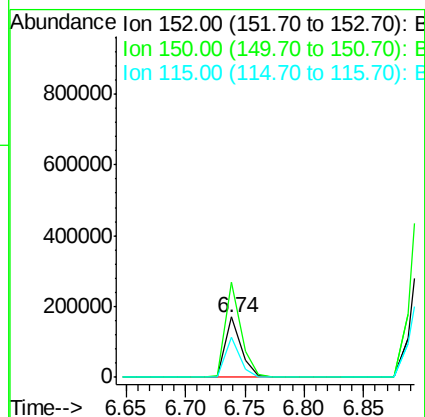
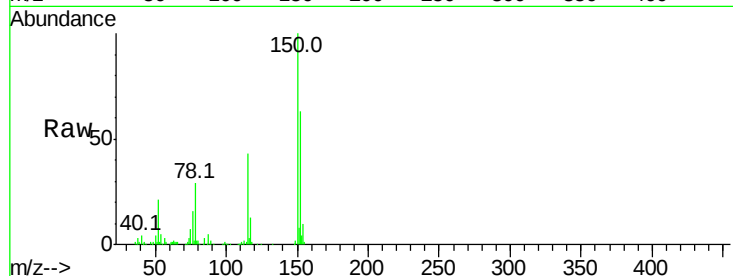
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.2	186.2
115	67.6	47.0	70.6

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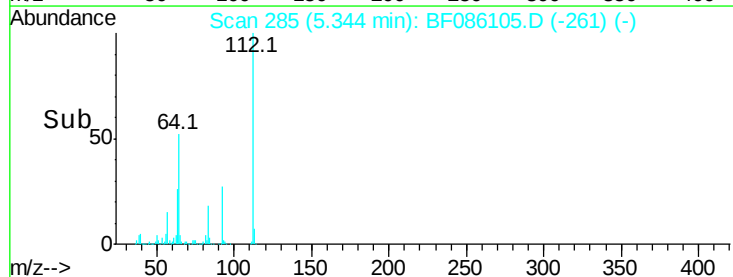
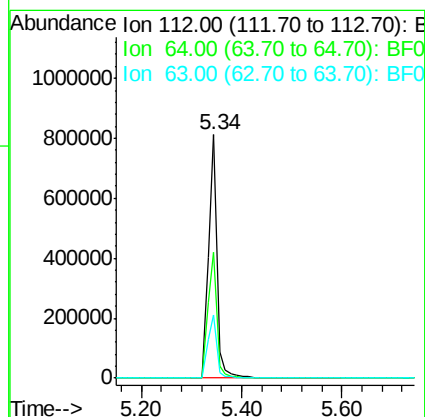
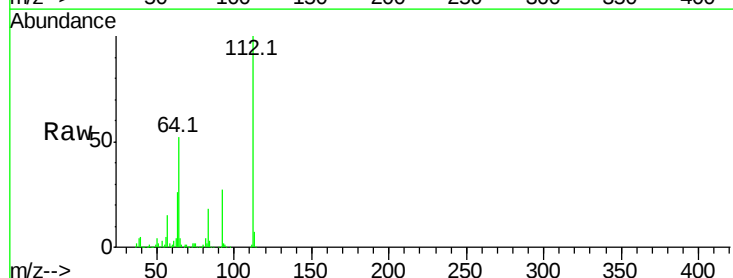
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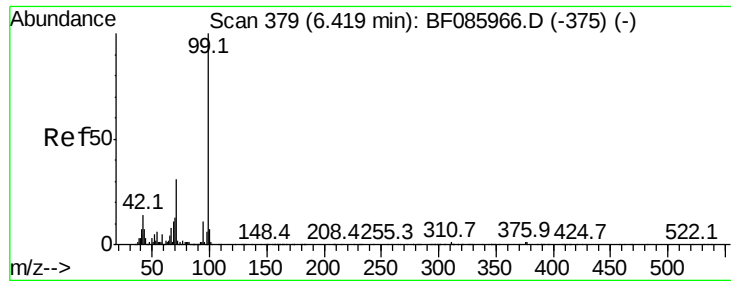


#5

2-Fluorophenol
Concen: 103.92 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.9	59.9
63	26.0	20.2	30.2





#7

Phenol-d6

Concen: 106.70 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086105.D

Acq: 6 Apr 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SP-15

Tot Ion: 99 Resp: 1242420

Ion Ratio Lower Upper

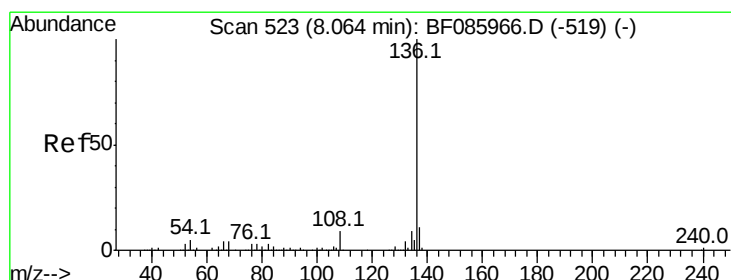
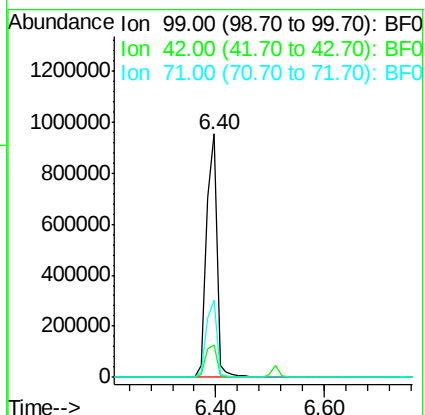
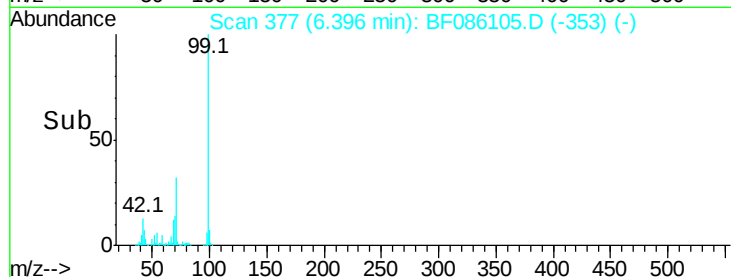
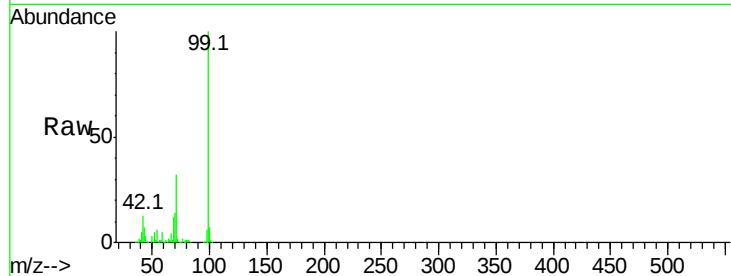
99 100

42 13.4 11.1 16.7

71 31.8 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: BF086105.D

Acq: 6 Apr 2016 18:37

Tgt Ion: 136 Resp: 635432

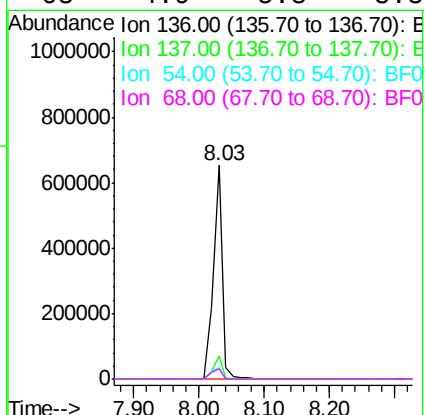
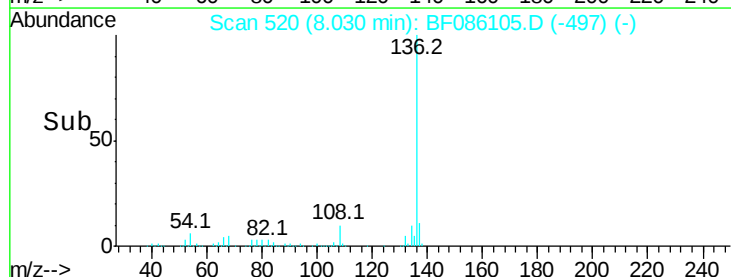
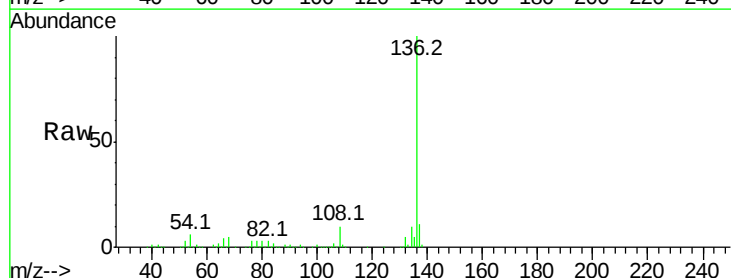
Ion Ratio Lower Upper

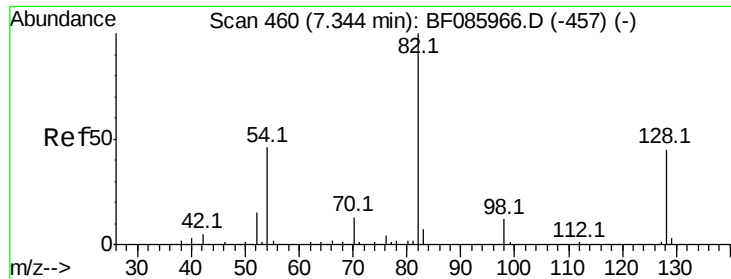
136 100

137 11.1 9.1 13.7

54 5.6 7.4 11.0#

68 4.9 5.8 8.8#





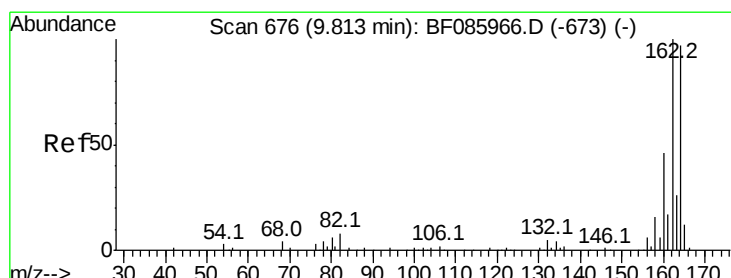
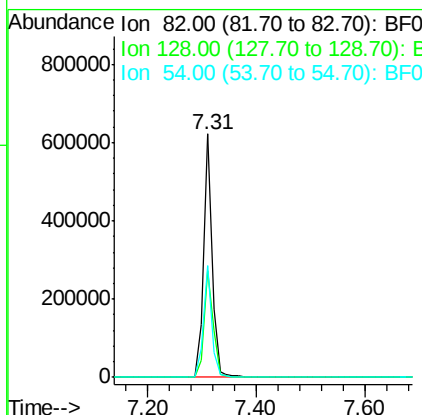
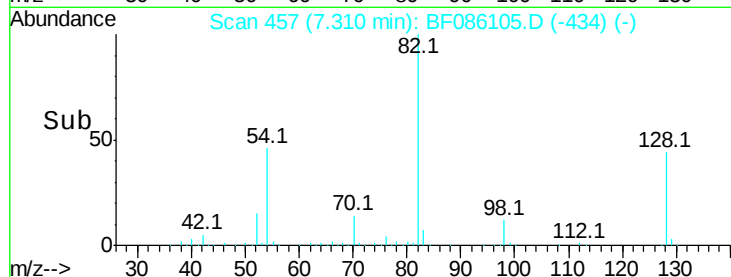
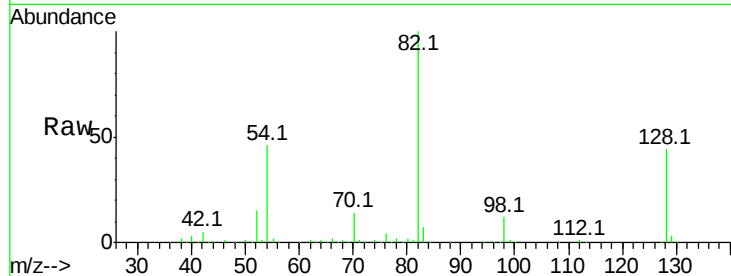
#23
 Nitrobenzene-d5
 Concen: 62.28 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086105.D
 Acq: 6 Apr 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 SP-15

Tot Ion:	82	Resp:	671071
Ion Ratio	Lower	Upper	
82	100		
128	44.0	41.8	62.8
54	45.8	33.4	50.0

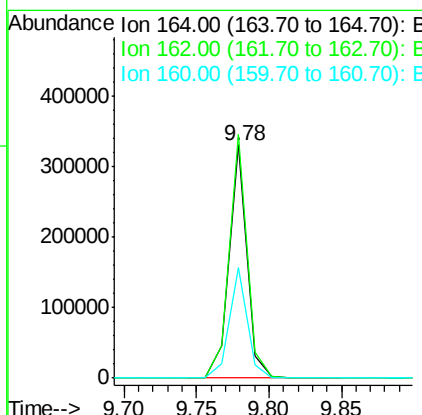
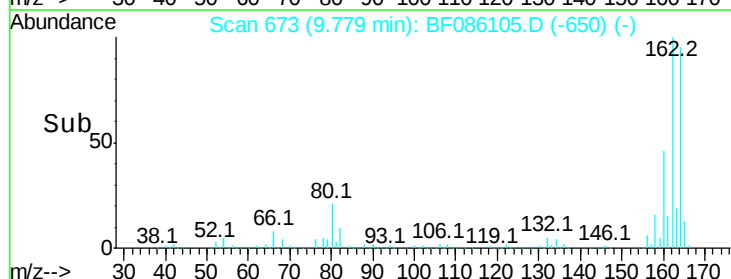
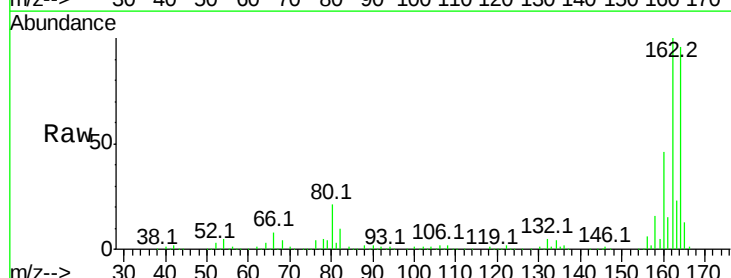
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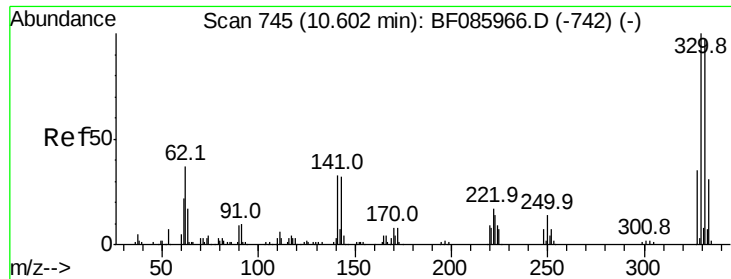
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086105.D
 Acq: 6 Apr 2016 18:37

Tgt Ion:	164	Resp:	280773
Ion Ratio	Lower	Upper	
164	100		
162	104.4	82.1	123.1
160	47.6	37.4	56.2





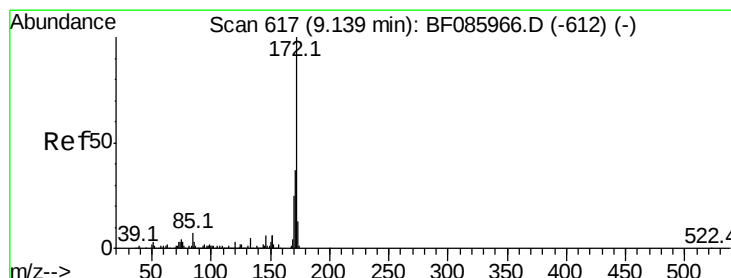
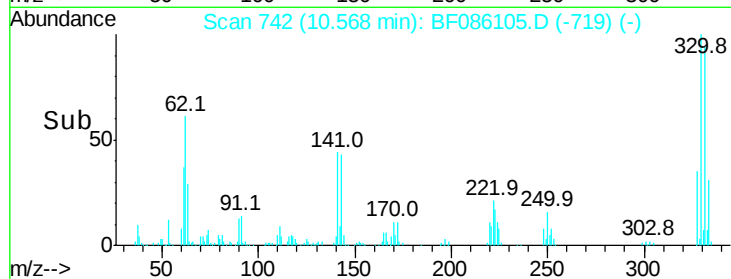
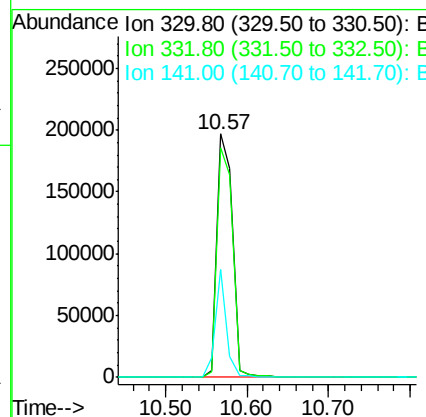
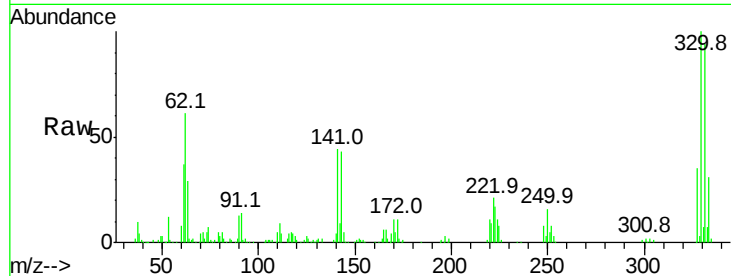
#41
 2,4,6-Tribromophenol
 Concen: 100.12 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086105.D
 Acq: 6 Apr 2016 18:37

Instrument :
 BNA_F
 ClientSampled :
 SP-15

Tot Ion	Ratio	Resp	Lower	Upper
330	100	263840		
332	95.3	78.2	117.2	
141	32.5	31.5	47.3	

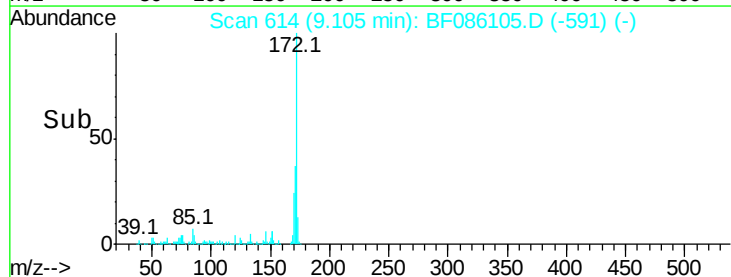
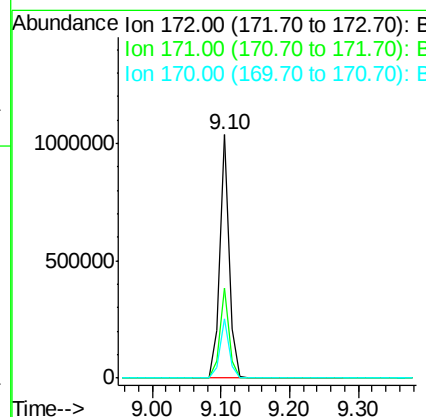
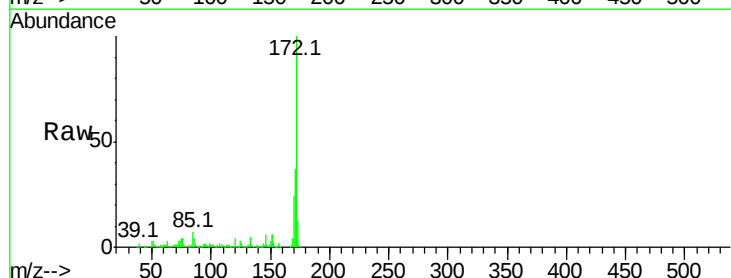
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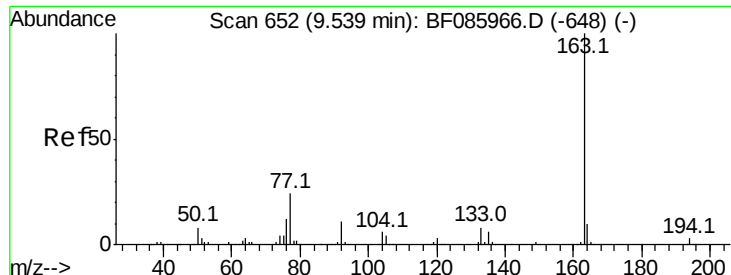
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#44
 2-Fluorobiphenyl
 Concen: 59.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086105.D
 Acq: 6 Apr 2016 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1009612		
171	36.8	29.4	44.2	
170	24.5	19.8	29.6	





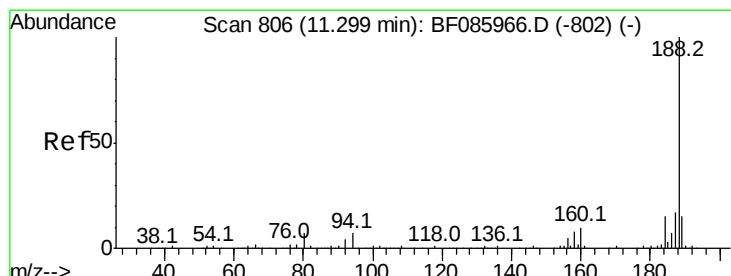
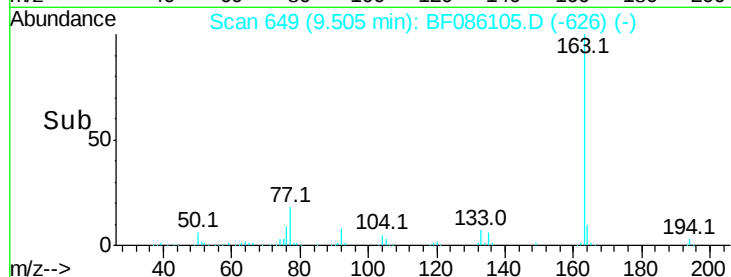
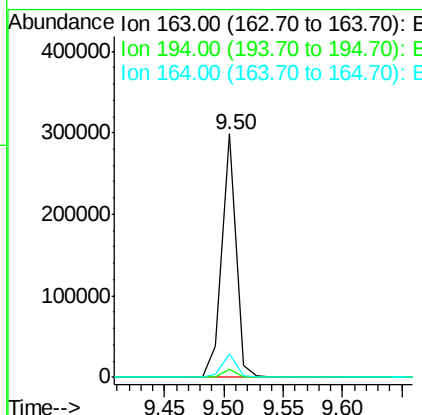
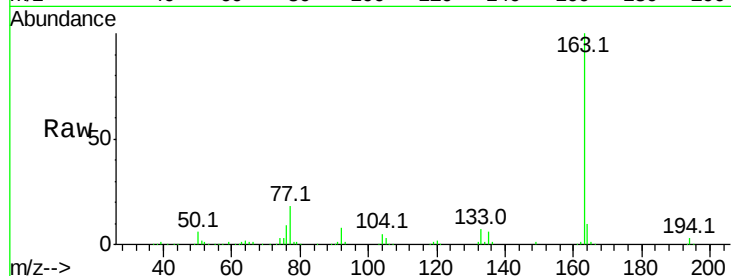
#49
Dimethylphthalate
Concen: 11.76 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.8	8.3	12.5

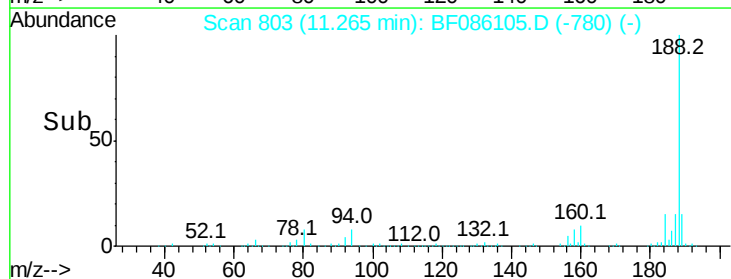
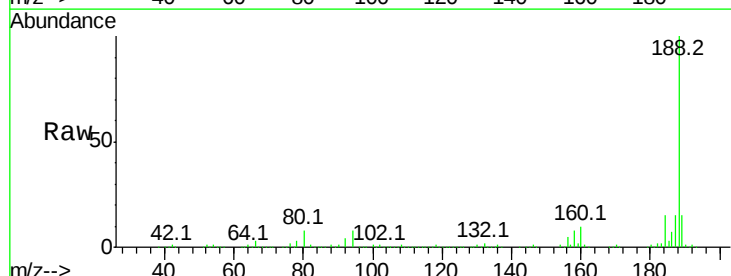
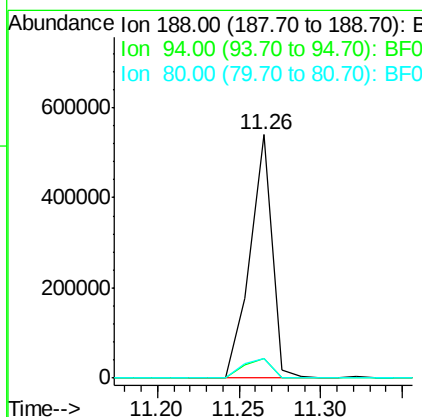
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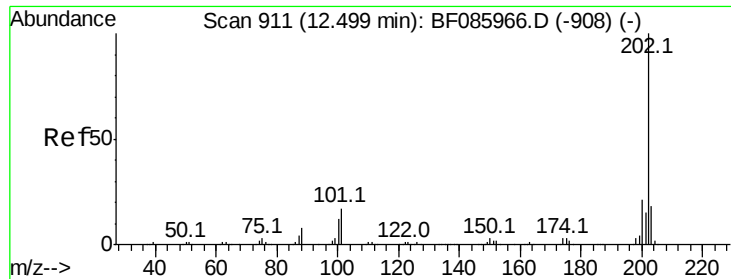
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	5.4	8.0#
80	8.3	5.5	8.3





#74

Fluoranthene

Concen: 2.46 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF086105.D

Acq: 6 Apr 2016 18:37

Instrument :

BNA_F

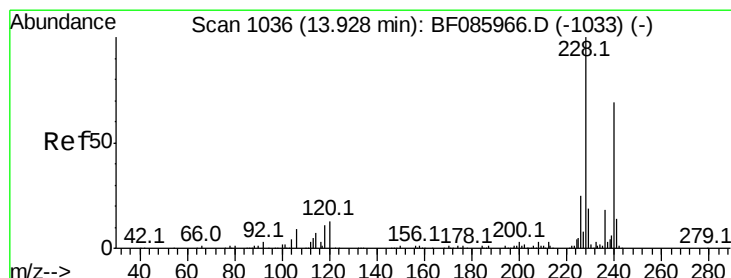
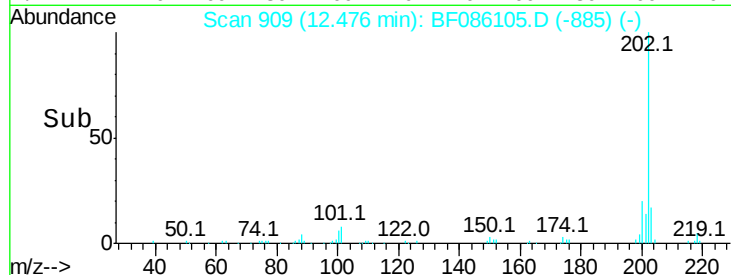
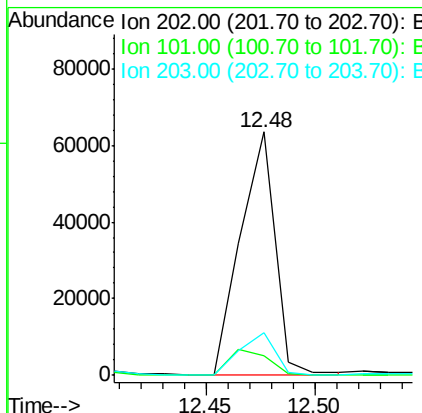
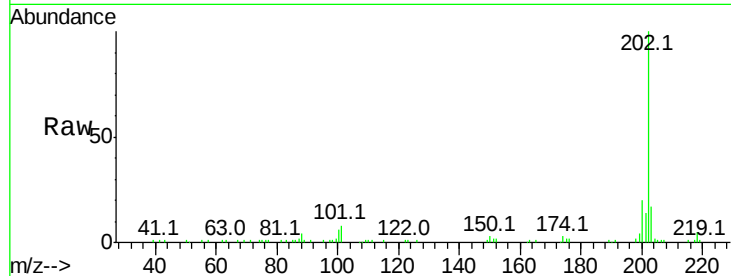
ClientSampleId :

SP-15

Tot Ion:	202	Resp:	70674
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	36.6
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

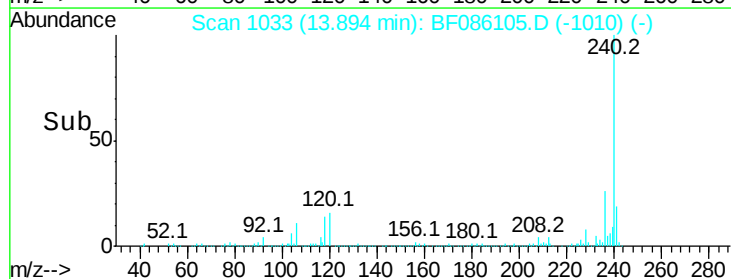
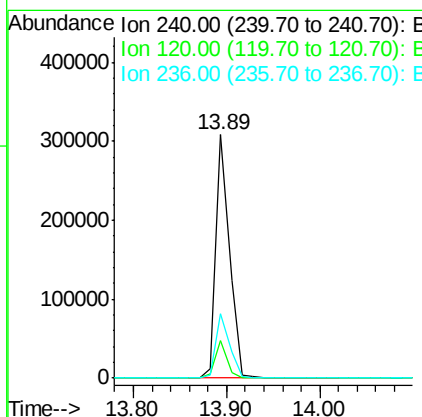
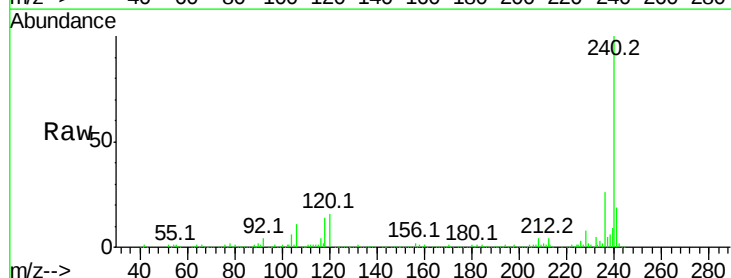
RT: 13.89 min Scan# 1033

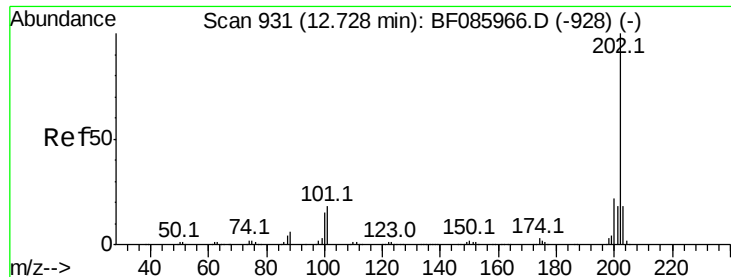
Delta R.T. -0.03 min

Lab File: BF086105.D

Acq: 6 Apr 2016 18:37

Tgt Ion:	240	Resp:	311529
Ion Ratio	Lower	Upper	
240	100		
120	15.7	13.8	20.8
236	26.2	20.6	30.8





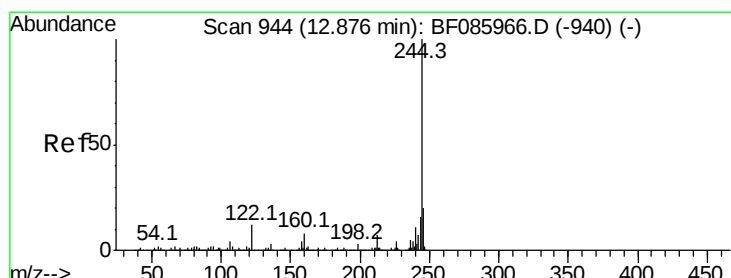
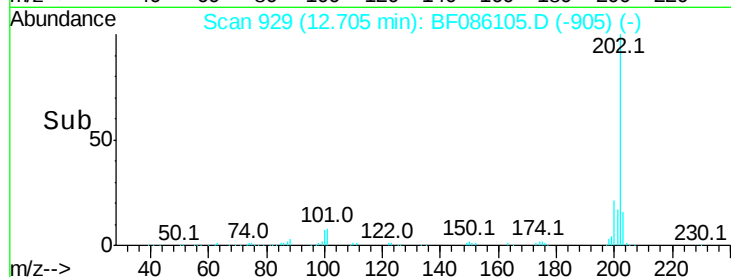
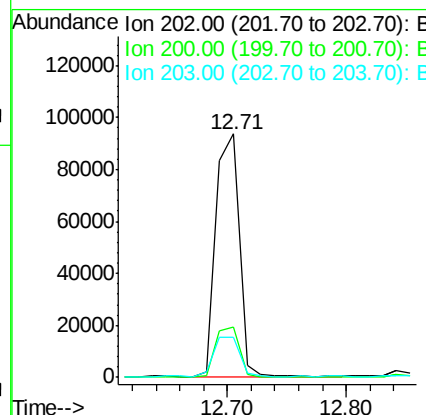
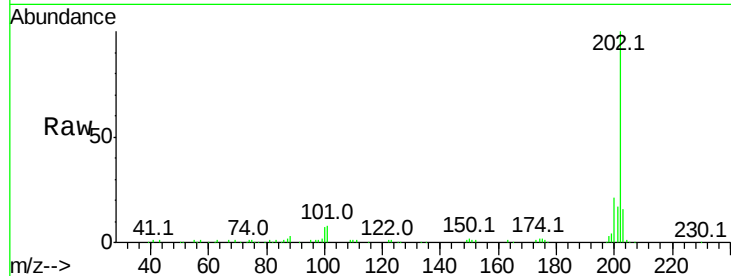
#77
Pvrene
Concen: 5.88 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.6	26.4
203	16.4	14.0	21.0

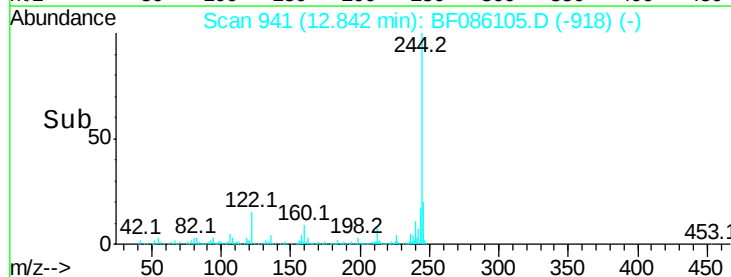
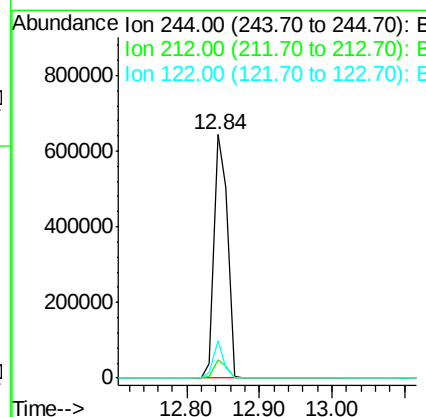
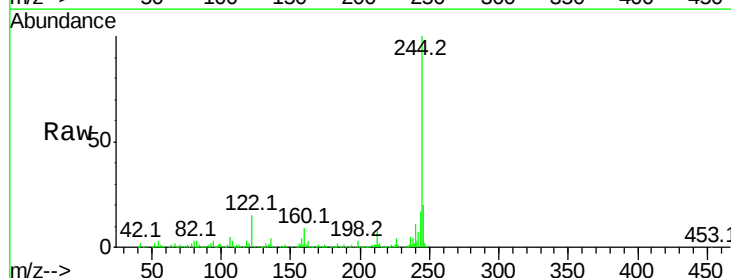
Manual Integrations
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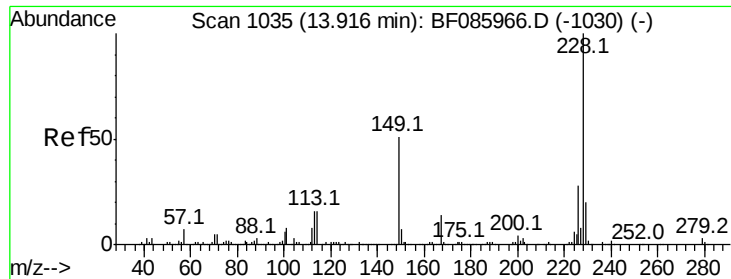
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#78
Terphenyl-d14
Concen: 61.98 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

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





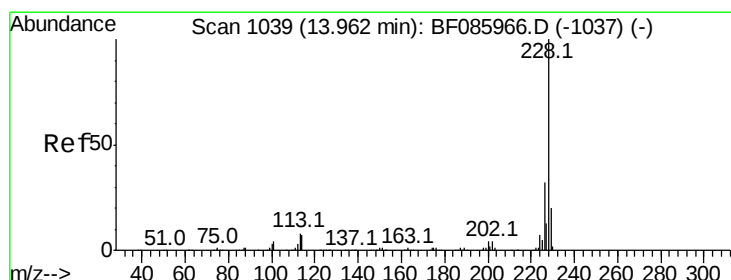
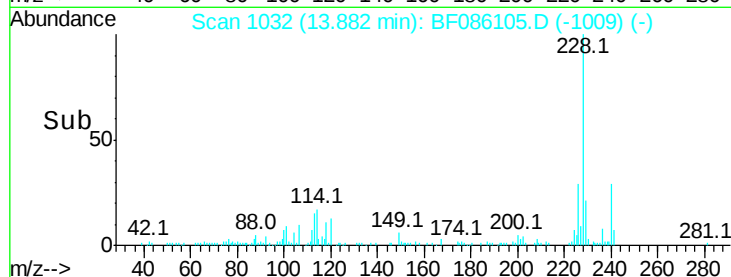
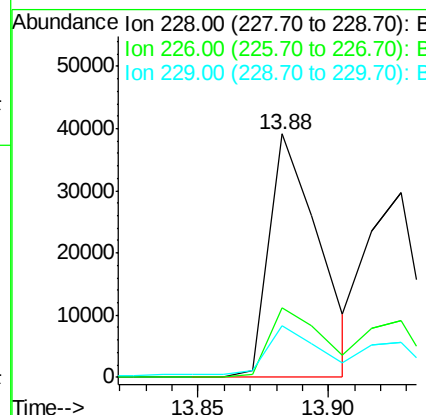
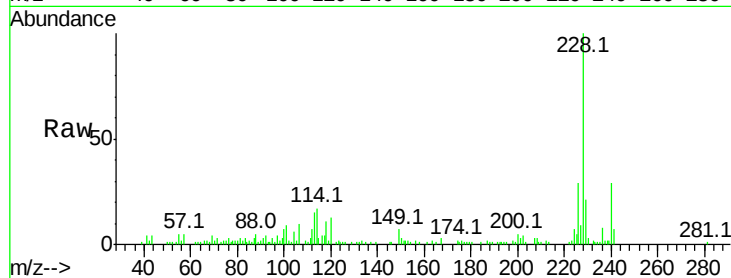
#80
Benzo(a)anthracene
Concen: 2.85 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	21.1	16.2	24.4

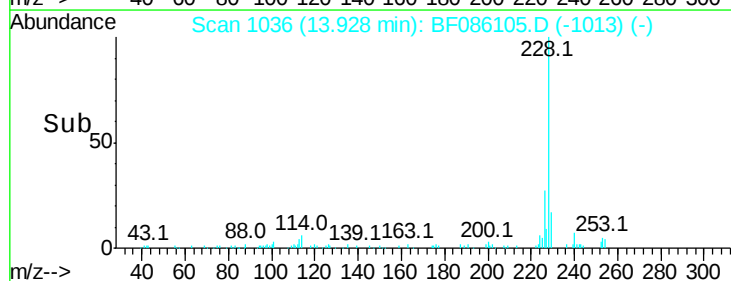
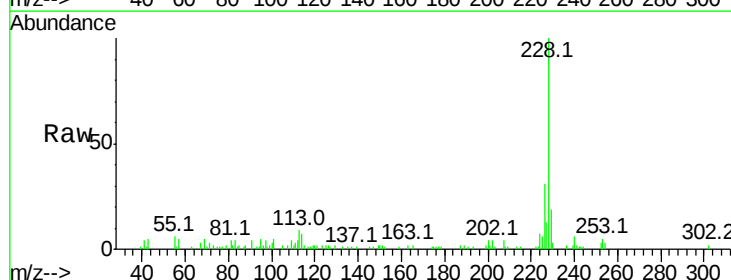
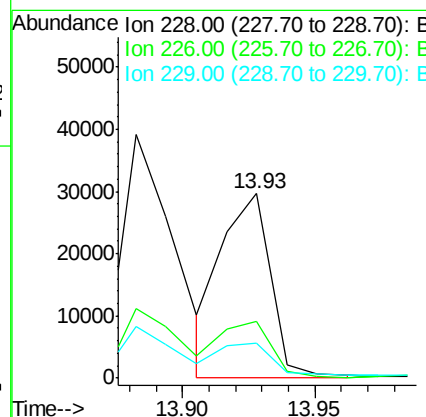
Manual Integrations
APPROVED

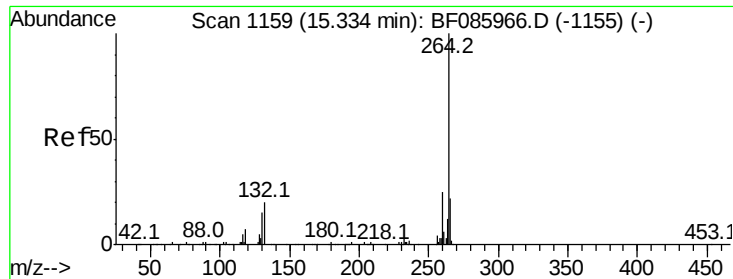
Sohil
4/7/2016 8:59:12 AM



#82
Chrysene
Concen: 2.19 ng m
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.3	15.7	23.5





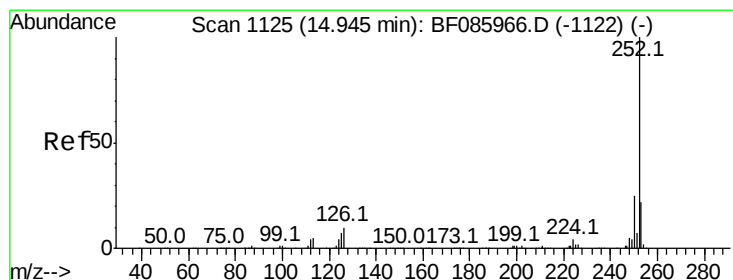
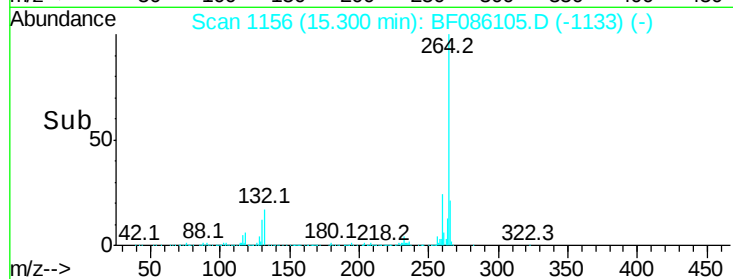
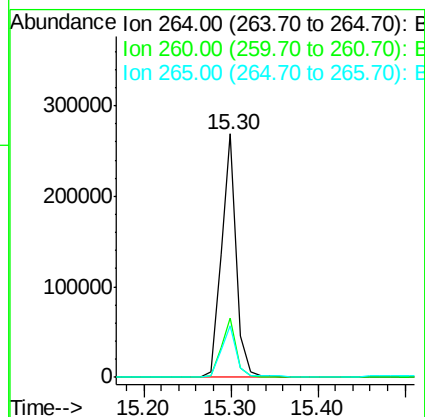
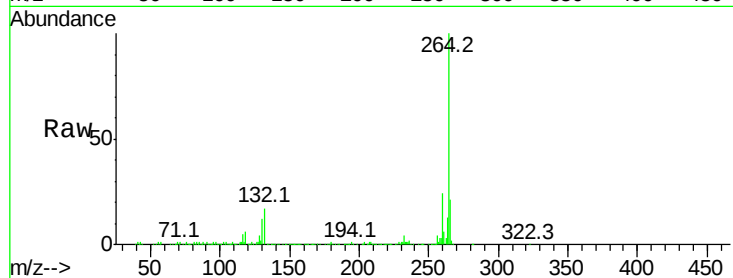
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.2	25.8

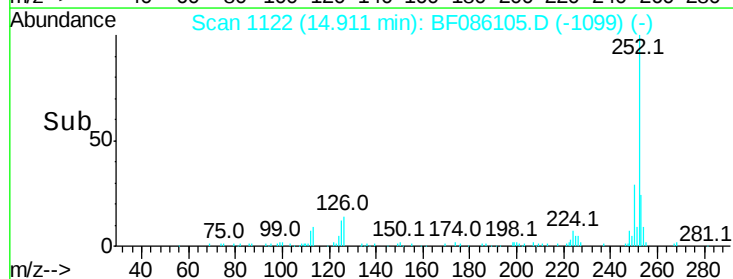
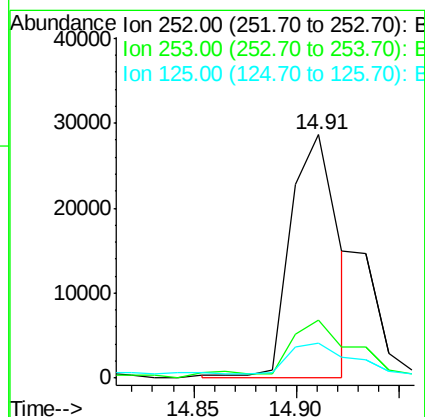
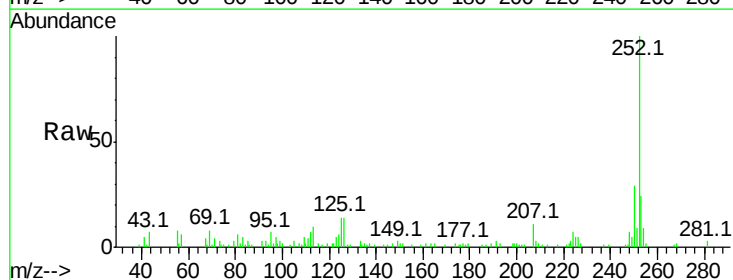
Manual Integrations
APPROVED

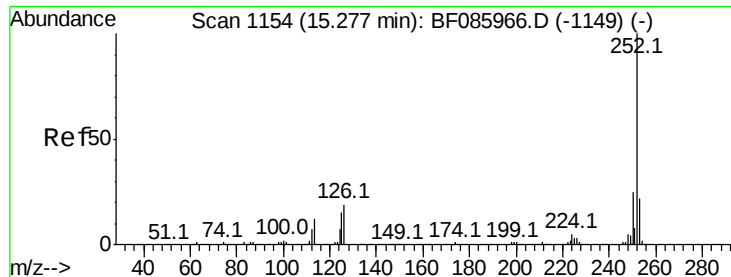
Sohil
4/7/2016 8:59:12 AM



#87
Benzo(b)fluoranthene
Concen: 2.29 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.6	26.4
125	14.3	10.3	15.5





#89

Benzo(a)pyrene

Concen: 2.36 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF086105.D

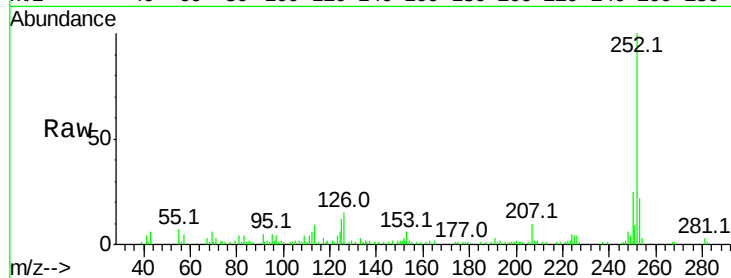
Acq: 6 Apr 2016 18:37

Instrument :

BNA_F

ClientSampleId :

SP-15



Tot Ion:	252	Resp:	42492
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	12.2	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/7/2016 8:59:12 AM

