

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
 Data File : BF090123.D
 Acq On : 19 Sep 2016 16:31
 Operator : UM/SJ
 Sample : H4716-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFRE

Manual Integrations
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Quant Time: Sep 19 18:05:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	173460m	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	641386	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	308812	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	543538	20.00	ng	-0.01
75) Chrysene-d12	13.66	240	176016	20.00	ng	-0.01
86) Perylene-d12	14.98	264	345302	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	392059	36.35	ng	-0.01
7) Phenol-d6	6.23	99	329314	23.32	ng	0.02
23) Nitrobenzene-d5	7.11	82	885294	77.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	202574	65.30	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1613608	82.06	ng	-0.01
78) Terphenyl-d14	12.63	244	781154	105.39	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.74	79	236632	29.76	ng	# 87
22) Acetophenone	6.96	105	77051	4.96	ng	# 91
32) Benzoic acid	8.14	122	15222977m	1793.98	ng	
49) Dimethylphthalate	9.31	163	311091	13.56	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	17581	2.22	ng	# 93

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

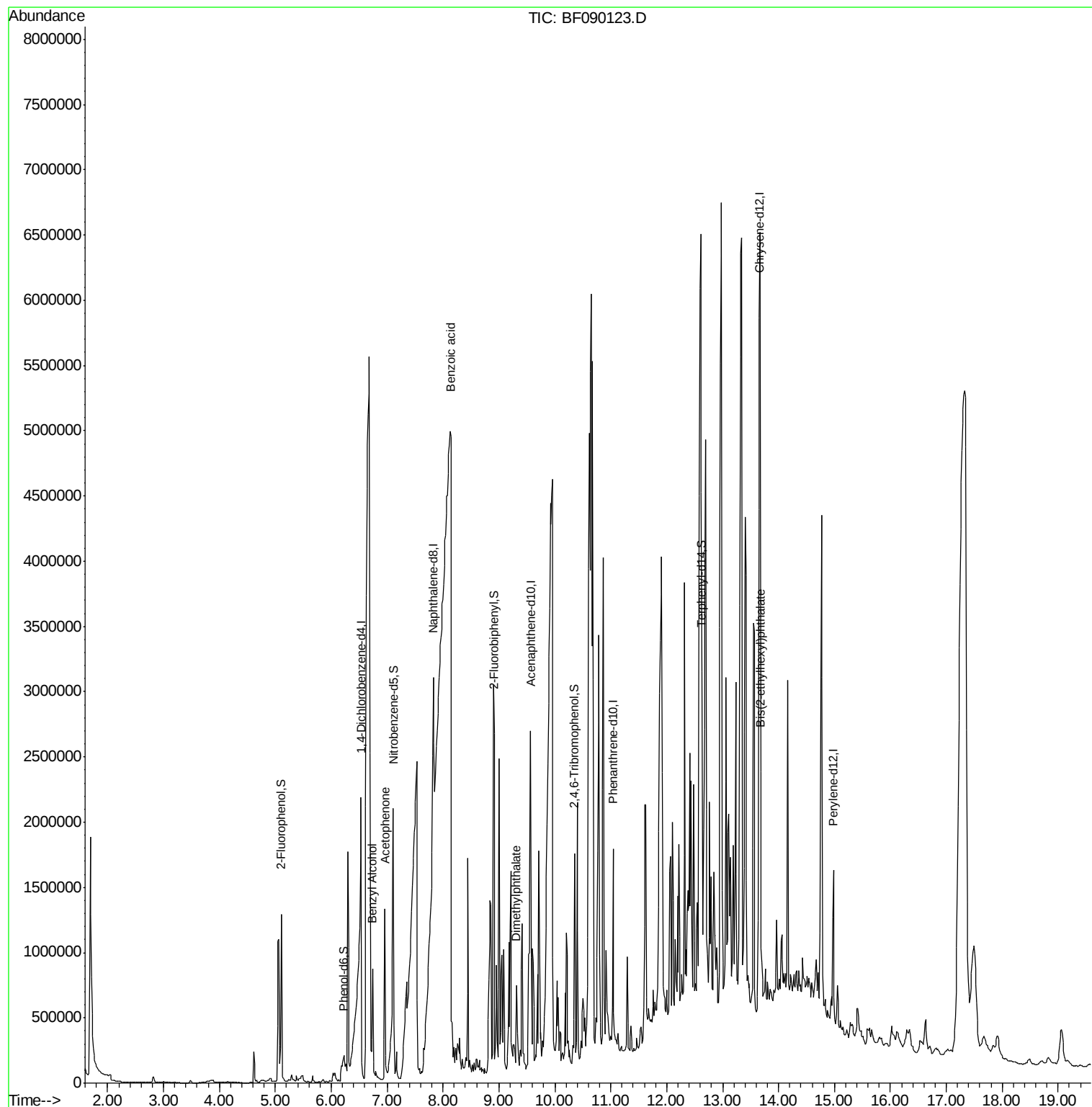
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
Data File : BF090123.D
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ALS Vial : 5 Sample Multiplier: 1

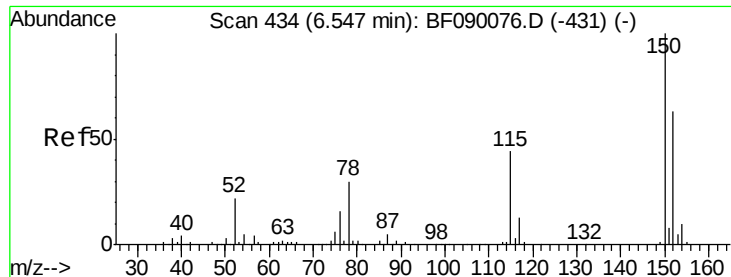
Instrument :
BNA_F
ClientSampleId :
EFFRE

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Quant Time: Sep 19 18:05:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration





#1

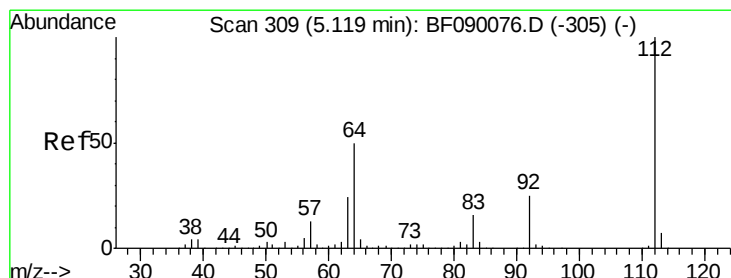
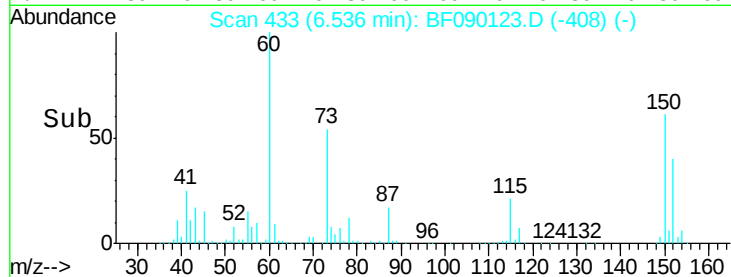
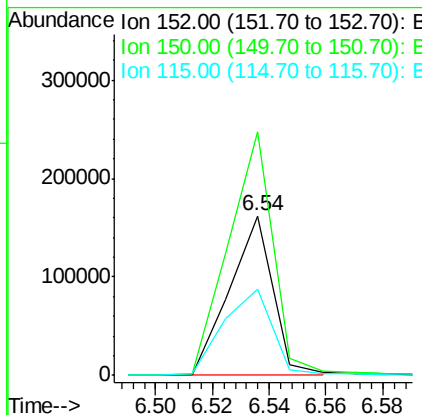
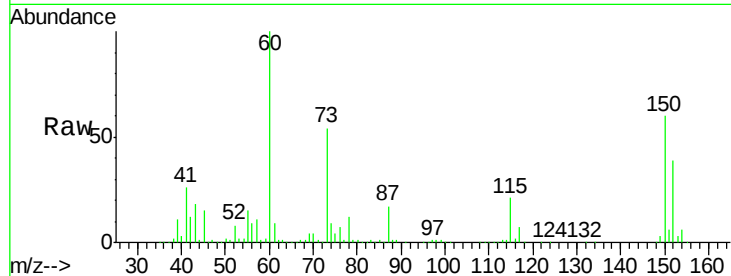
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF090123.D
Acq: 19 Sep 2016 16:31

Instrument :
BNA_F
ClientSampleId :
EFFRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	128.9	193.3
115	54.2	55.5	83.3

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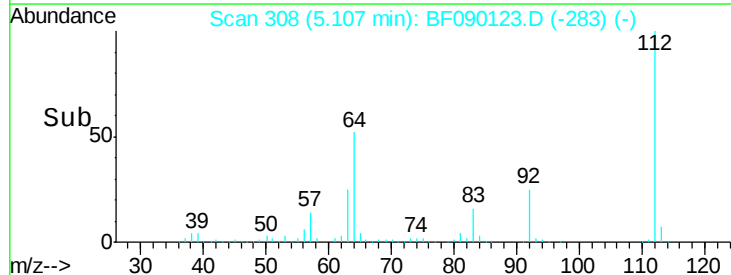
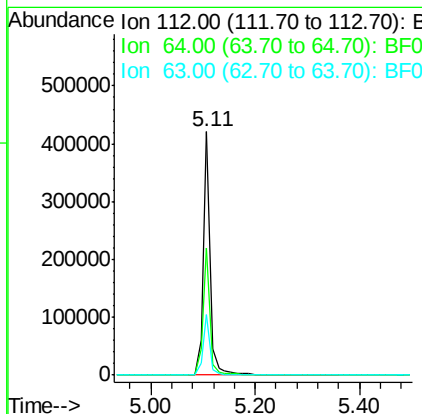
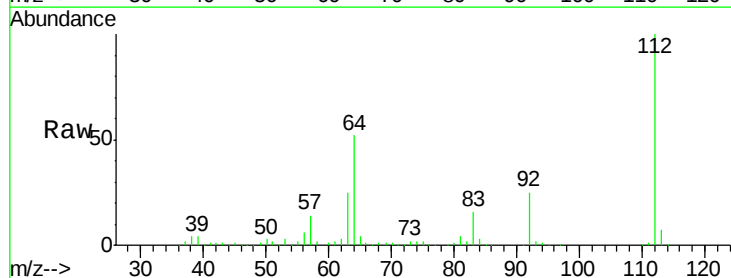
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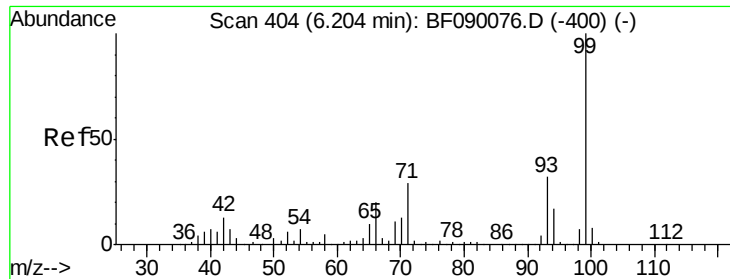


#5

2-Fluorophenol
Concen: 36.35 ng
RT: 5.11 min Scan# 308
Delta R.T. -0.01 min
Lab File: BF090123.D
Acq: 19 Sep 2016 16:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.8	59.6
63	24.7	18.9	28.3





#7

Phenol-d6

Concen: 23.32 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Instrument :

BNA_F

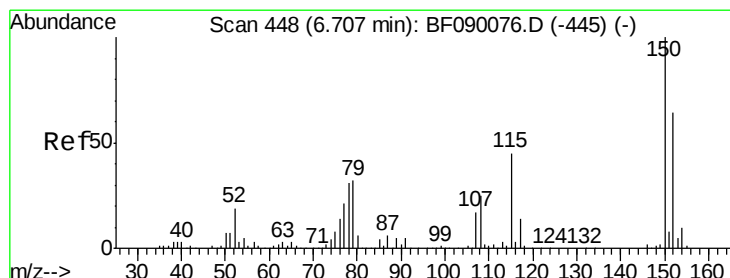
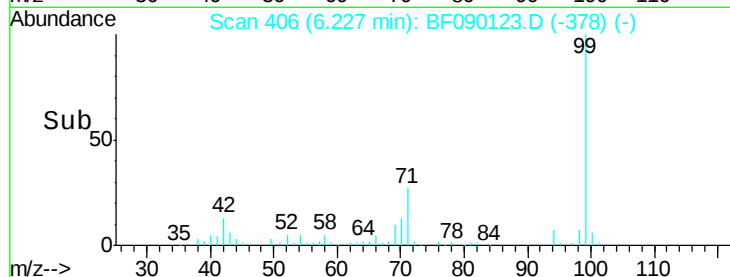
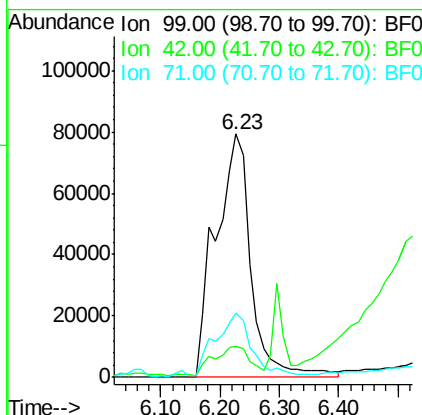
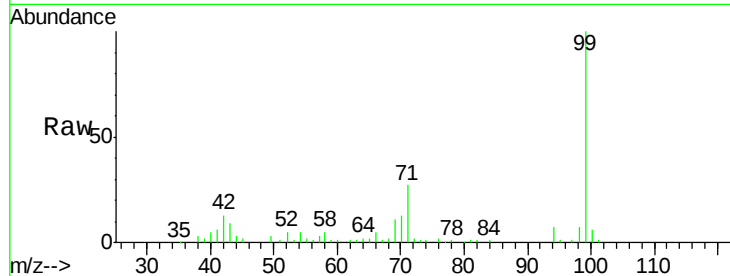
ClientSampled :

EFFRE

Tgt Ion:	99	Resp:	329314
Ion Ratio	Lower	Upper	
99	100		
42	13.0	10.6	15.8
71	26.5	23.0	34.6

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#15

Benzyl Alcohol

Concen: 29.76 ng

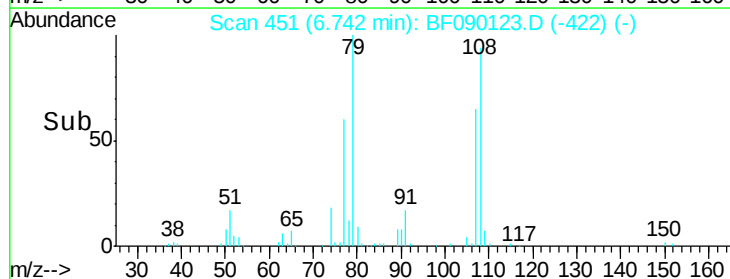
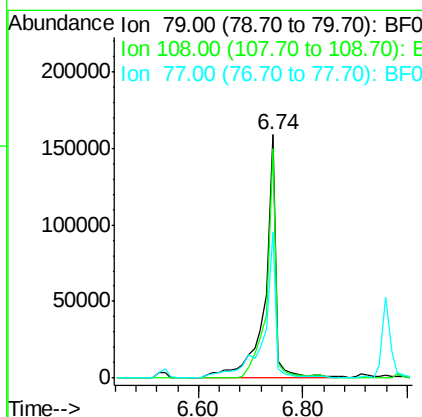
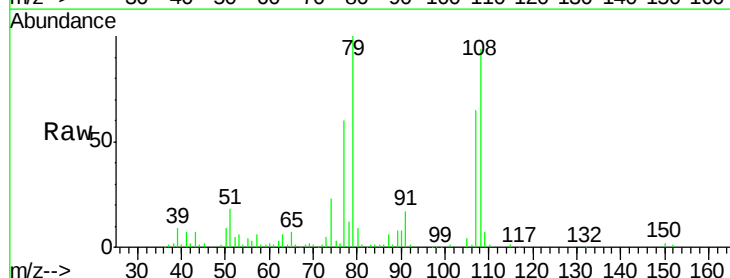
RT: 6.74 min Scan# 451

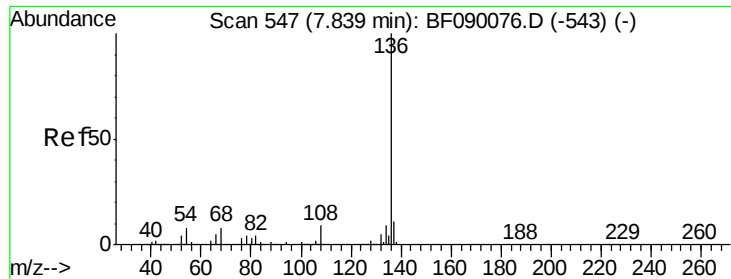
Delta R.T. 0.03 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Tgt Ion:	79	Resp:	236632
Ion Ratio	Lower	Upper	
79	100		
108	94.1	62.2	93.4#
77	59.9	51.4	77.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Instrument :

BNA_F

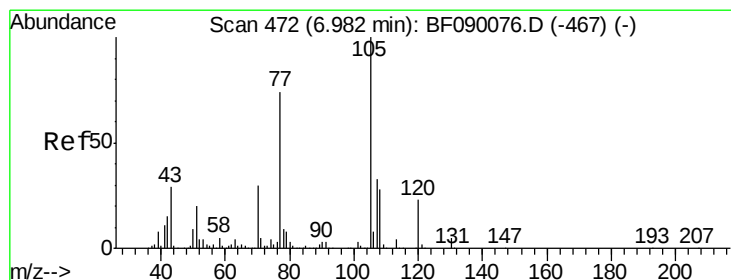
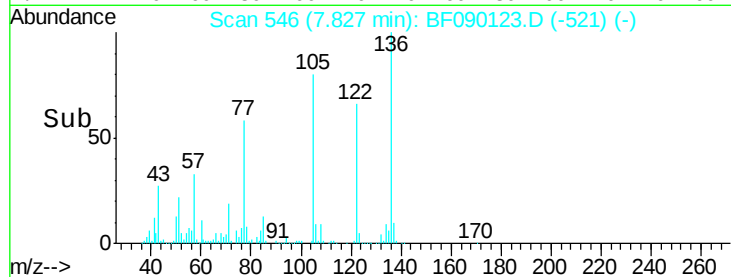
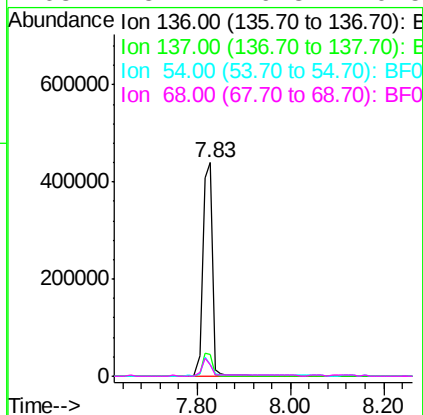
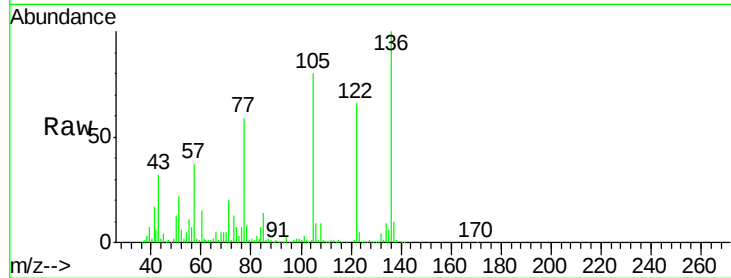
ClientSampleId :

EFFRE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	641386		
137	10.5	9.0	13.4	
54	5.3	6.4	9.6#	
68	5.2	6.3	9.5#	

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#22

Acetophenone

Concen: 4.96 ng

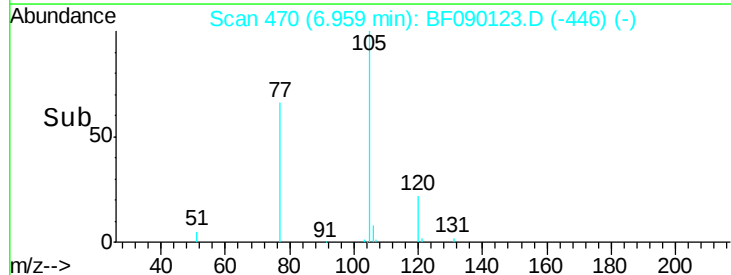
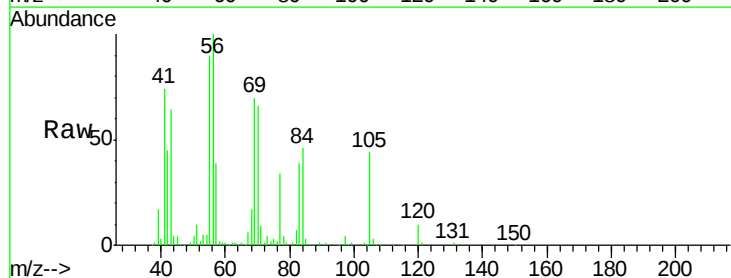
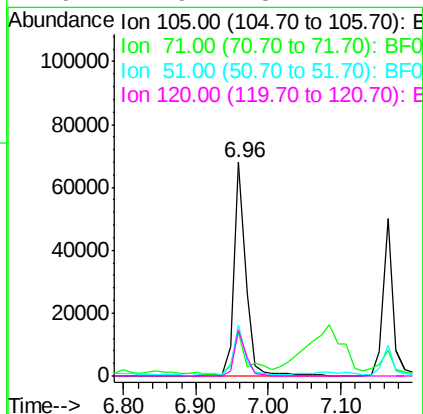
RT: 6.96 min Scan# 470

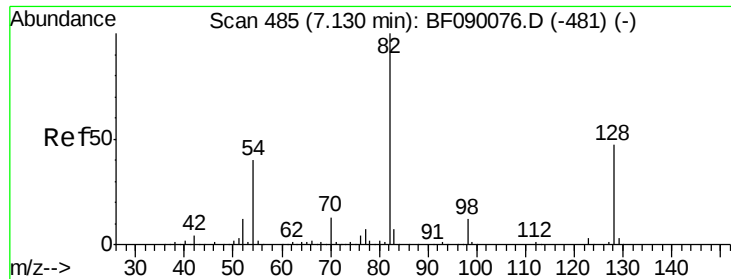
Delta R.T. -0.02 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	77051		
71	20.5	4.1	6.1#	
51	24.0	16.2	24.2	
120	21.9	18.2	27.2	





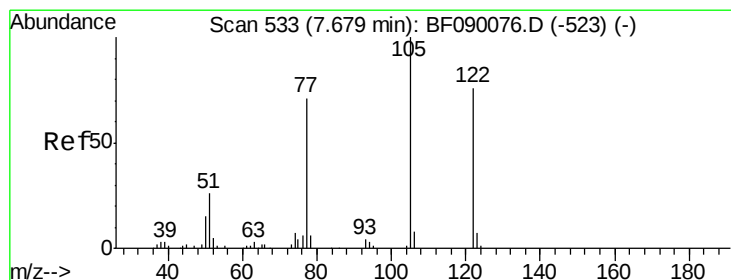
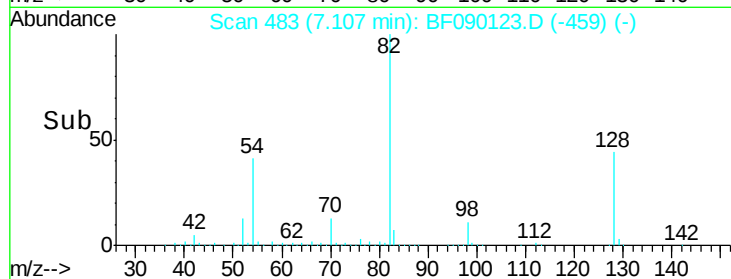
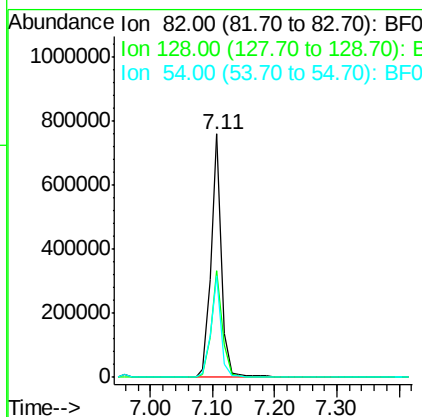
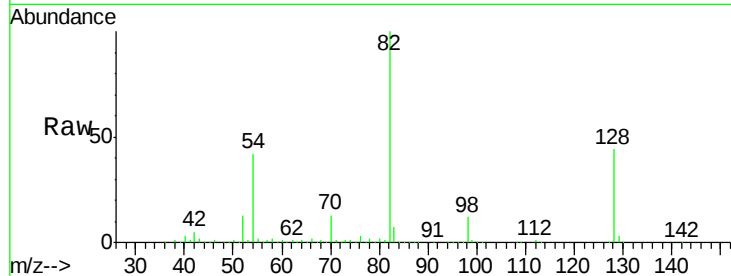
#23
Nitrobenzene-d5
Concen: 77.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF090123.D
Acq: 19 Sep 2016 16:31

Instrument :
BNA_F
ClientSampled :
EFFRE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.5	56.3
54	41.5	31.9	47.9

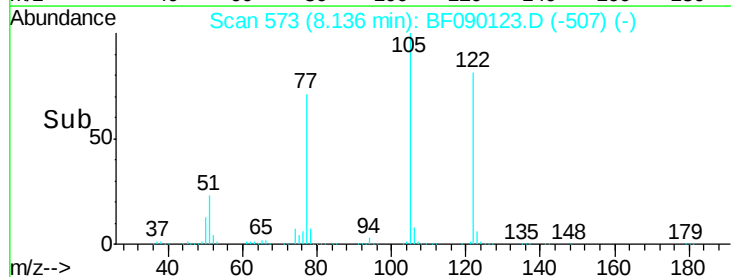
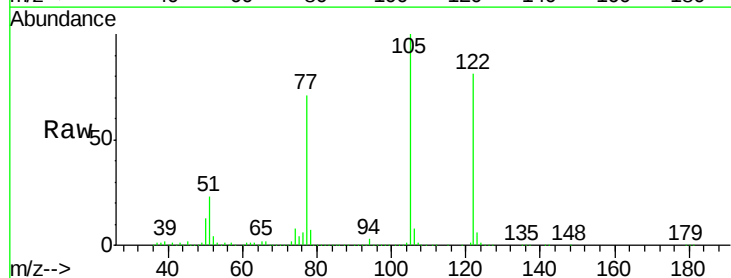
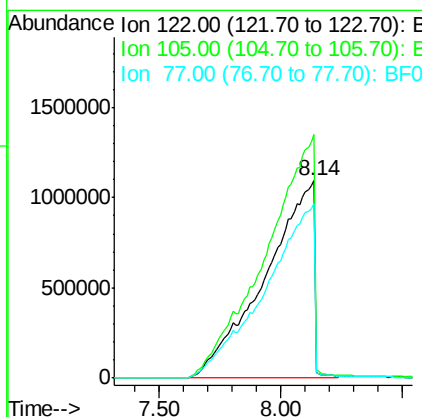
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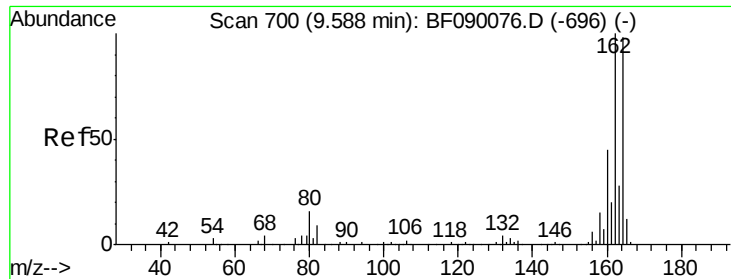
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#32
Benzoic acid
Concen: 1793.98 ng m
RT: 8.14 min Scan# 573
Delta R.T. 0.46 min
Lab File: BF090123.D
Acq: 19 Sep 2016 16:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	105.0	145.0
77	88.1	70.4	110.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF090123.D

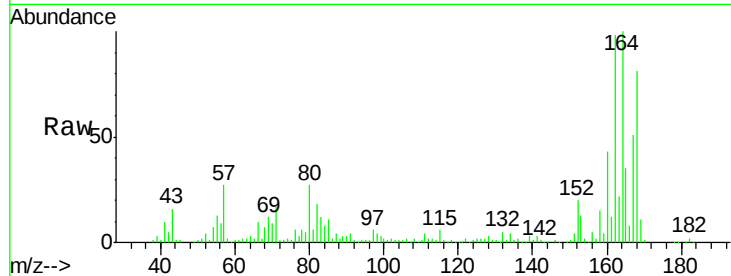
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Instrument :

BNA_F

ClientSampleId :

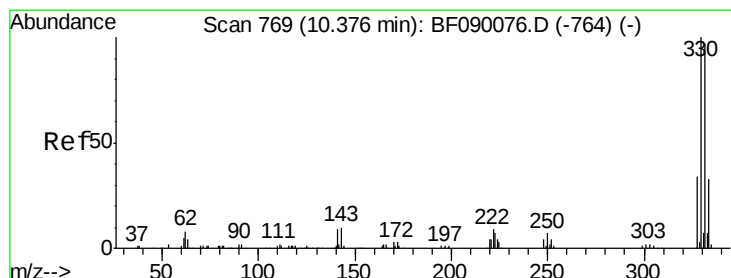
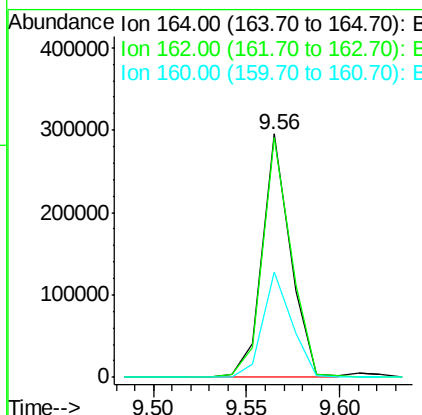
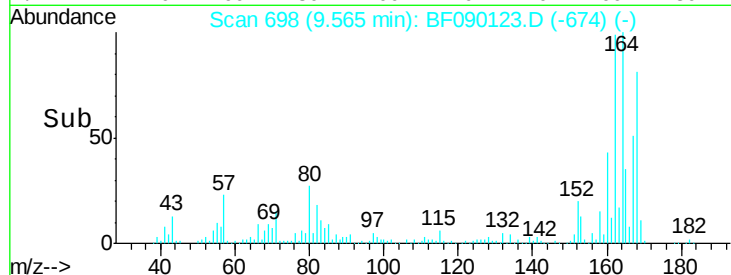
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	308812		
162	98.4	81.4	122.2	
160	43.1	36.6	54.8	

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#41

2,4,6-Tribromophenol

Concen: 65.30 ng

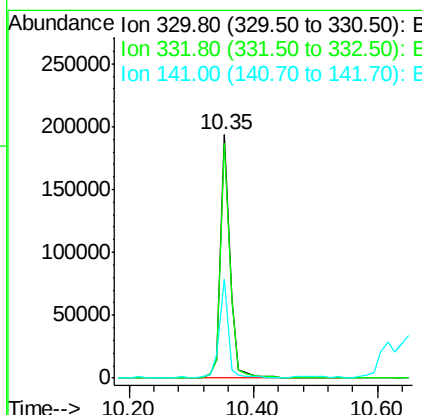
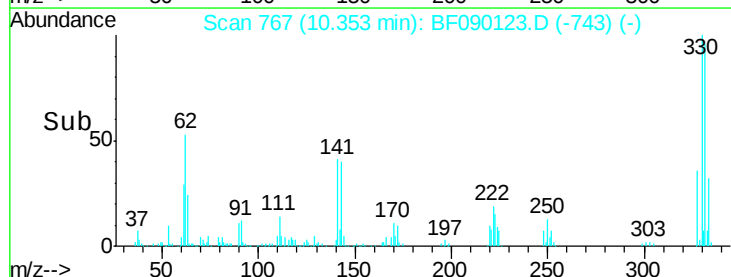
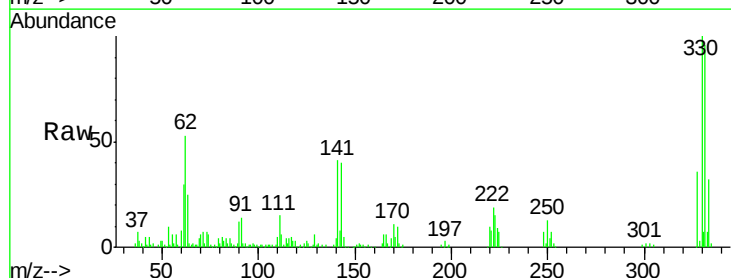
RT: 10.35 min Scan# 767

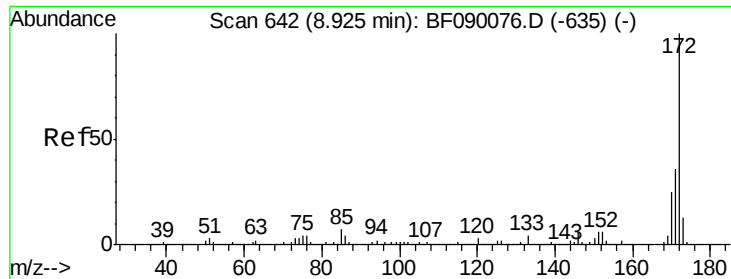
Delta R.T. -0.02 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

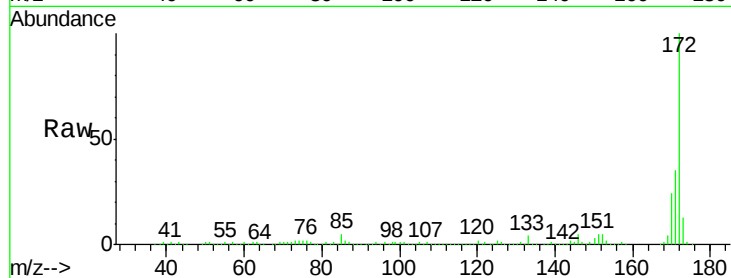
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	202574		
332	97.4	78.1	117.1	
141	37.8	23.9	35.9#	





#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090123.D
 Acq: 19 Sep 2016 16:31

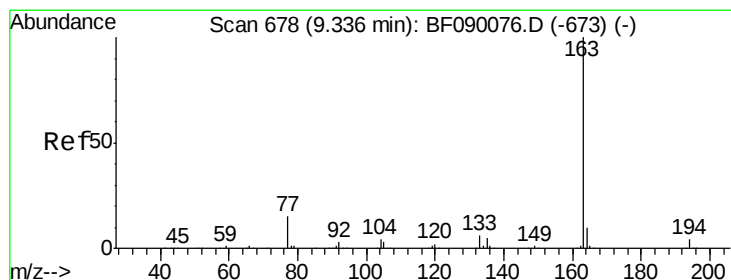
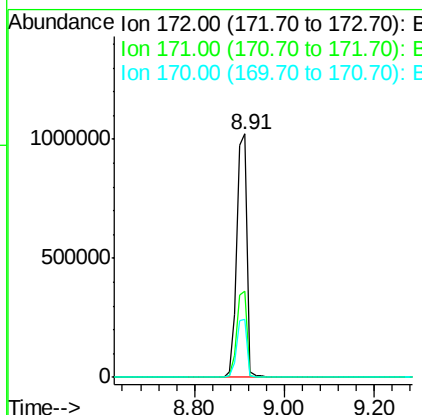
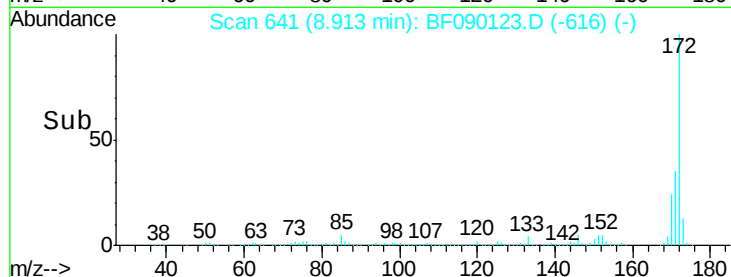
Instrument :
 BNA_F
 ClientSampled :
 EFFRE



Tgt Ion:172 Resp: 1613608
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 24.0 19.8 29.8

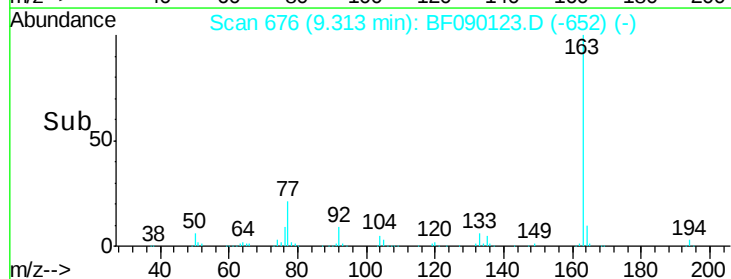
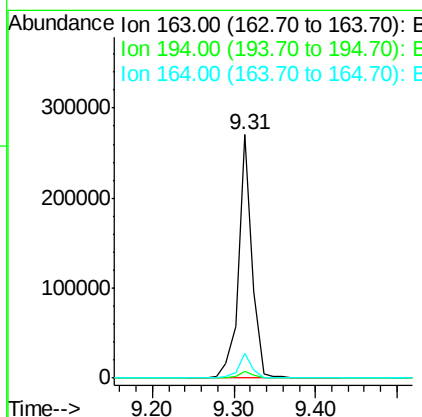
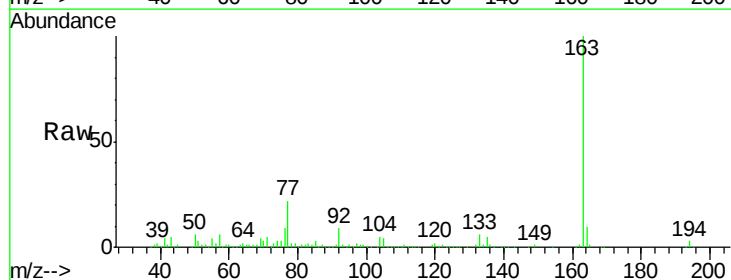
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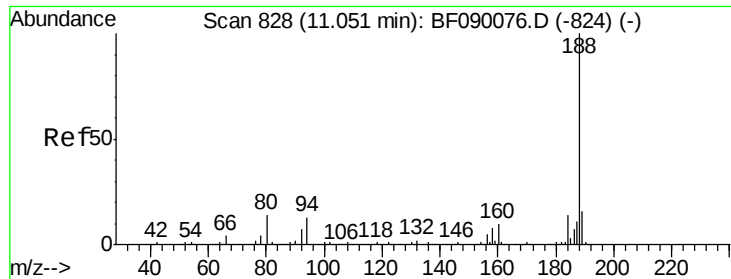
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#49
 Dimethylphthalate
 Concen: 13.56 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF090123.D
 Acq: 19 Sep 2016 16:31

Tgt Ion:163 Resp: 311091
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.1 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Instrument :

BNA_F

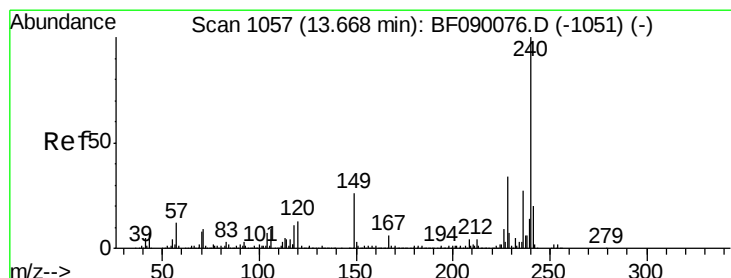
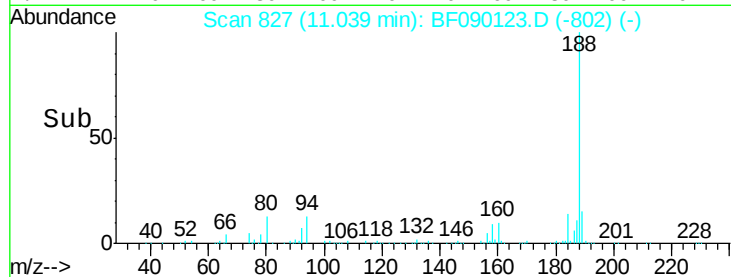
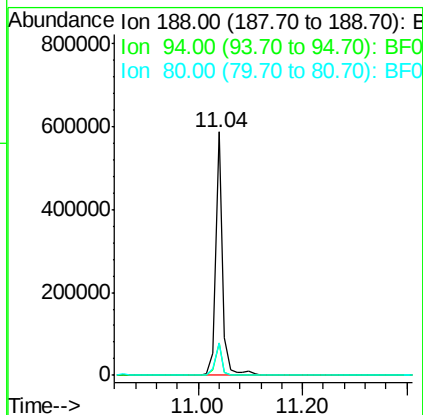
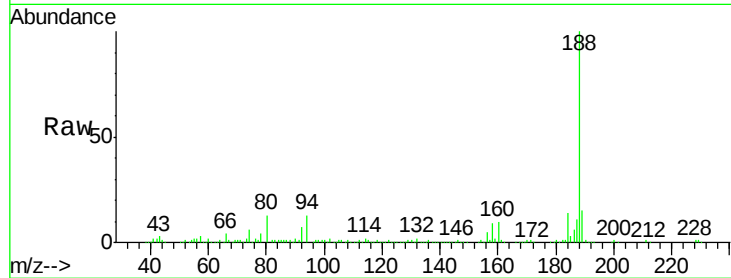
ClientSampled :

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Tgt Ion:	188	Resp:	543538
Ion Ratio	Lower	Upper	
188	100		
94	13.1	10.5	15.7
80	13.2	11.2	16.8

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#75

Chrysene-d12

Concen: 20.00 ng

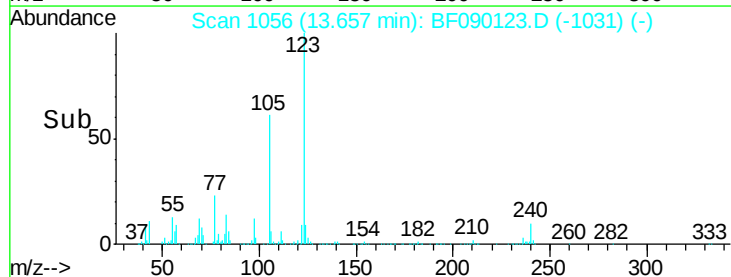
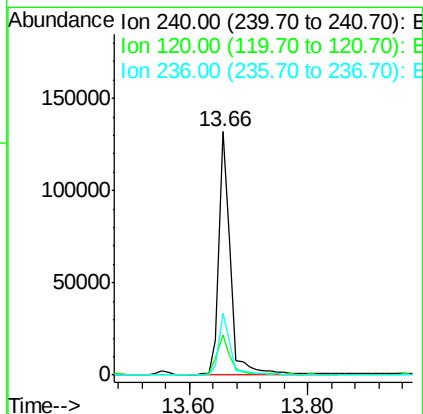
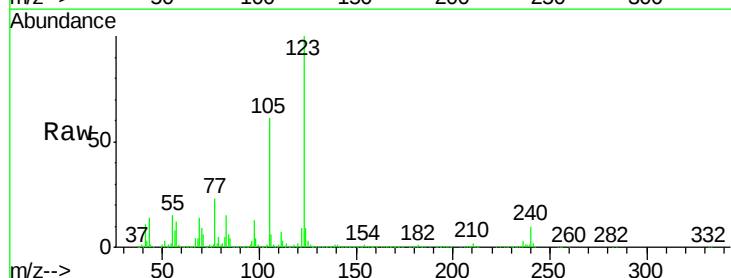
RT: 13.66 min Scan# 1056

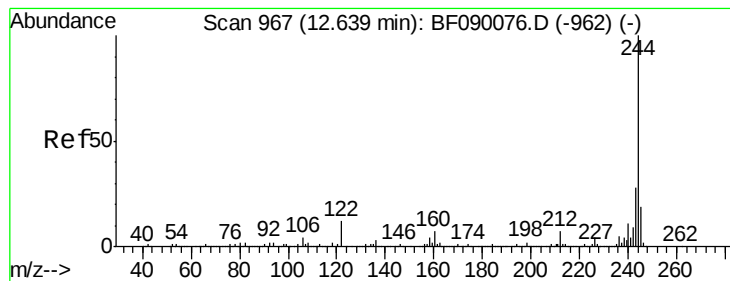
Delta R.T. -0.01 min

Lab File: BF090123.D

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Tgt Ion:	240	Resp:	176016
Ion Ratio	Lower	Upper	
240	100		
120	16.5	10.6	16.0#
236	25.6	21.6	32.4





#78

Terphenyl-d14

Concen: 105.39 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Instrument :

BNA_F

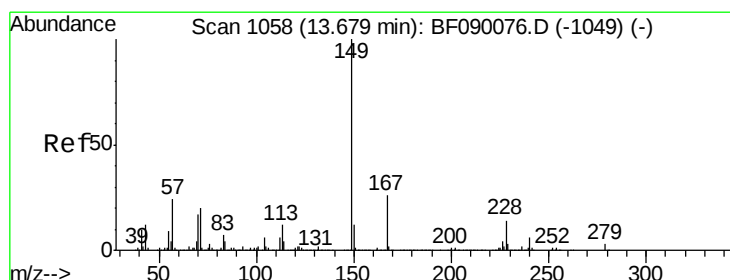
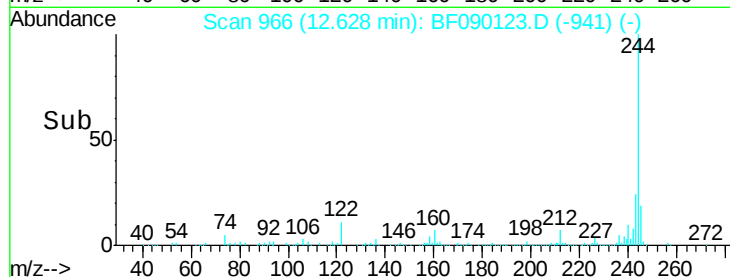
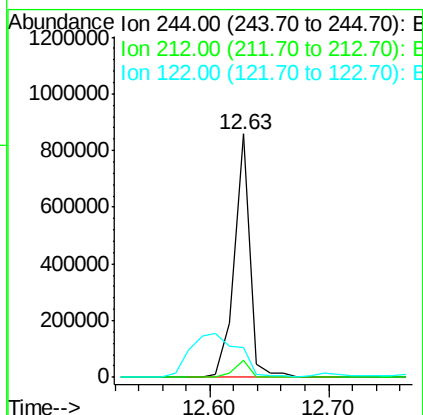
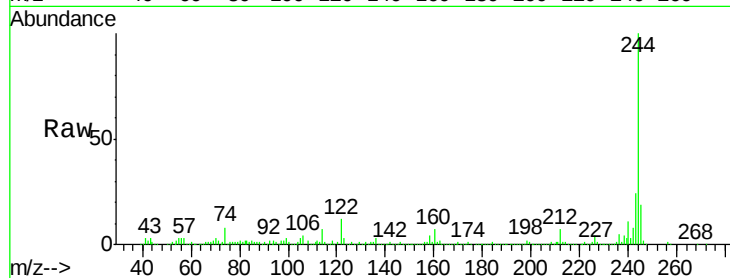
ClientSampleId :

EFFRE

Tgt Ion:	244	Resp:	781154
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	12.3	9.4	14.0

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.22 ng

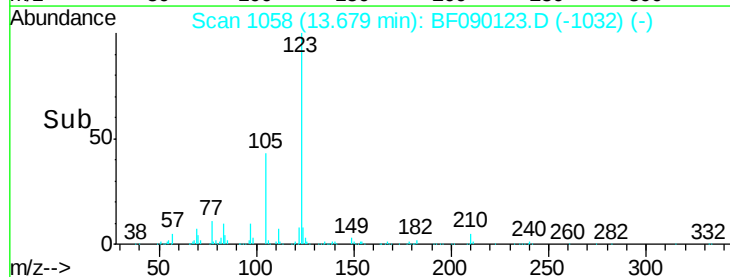
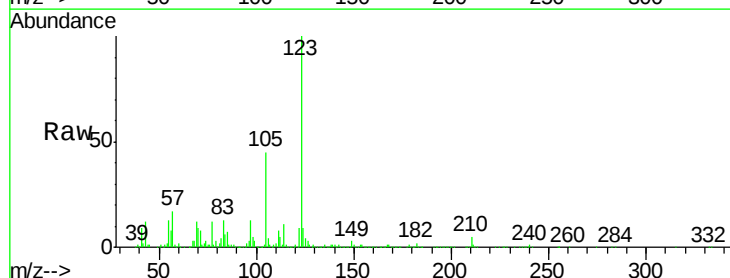
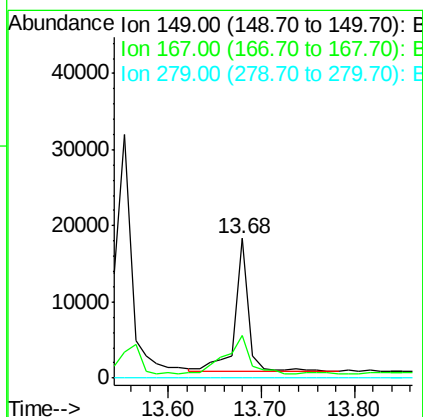
RT: 13.68 min Scan# 1058

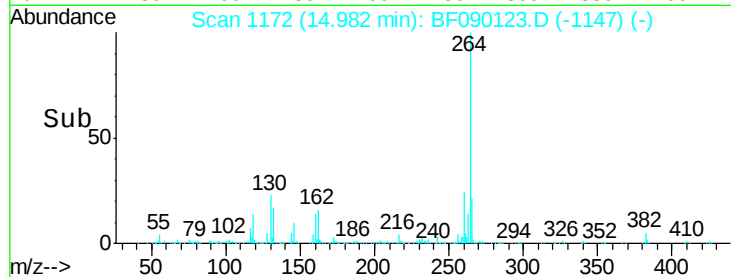
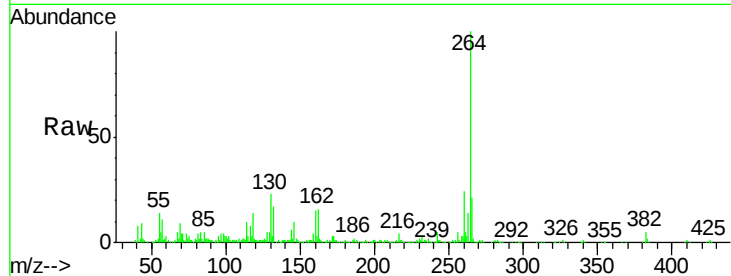
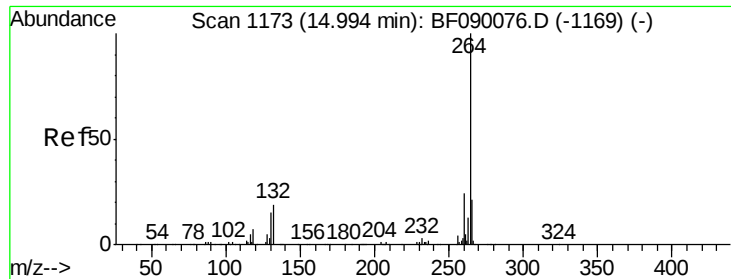
Delta R.T. 0.00 min

Lab File: BF090123.D

Acq: 19 Sep 2016 16:31

Tgt Ion:	149	Resp:	17581
Ion Ratio	Lower	Upper	
149	100		
167	30.3	21.2	31.8
279	0.0	2.2	3.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090123.D
Acq: 19 Sep 2016 16:31

Instrument :
BNA_F
ClientSampleId :
EFFRE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.0	25.4

Manual Integrations
APPROVED

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