

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087619.D
 Acq On : 1 Jun 2016 12:52
 Operator : UM/SJ
 Sample : H3258-01RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1RE

Manual Integrations
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Quant Time: Jun 01 15:08:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 13:33:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	137051	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	544319	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	225246	20.00	ng	-0.01
63) Phenanthrene-d10	14.70	188	343883	20.00	ng	-0.01
75) Chrysene-d12	18.41	240	292111	20.00	ng	-0.01
86) Perylene-d12	20.10	264	236689	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	917904	117.69	ng	0.01
7) Phenol-d6	7.02	99	1258703	119.43	ng	0.00
23) Nitrobenzene-d5	8.36	82	811263	75.12	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	194706	89.95	ng	-0.01
44) 2-Fluorobiphenyl	11.25	172	1202234	75.25	ng	-0.01
78) Terphenyl-d14	17.06	244	821411	59.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	222794	12.35	ng	99
59) Diethylphthalate	13.09	149	45188	2.58	ng	98
70) Phenanthrene	14.74	178	58830	3.09	ng	98
74) Fluoranthene	16.53	202	75978	3.98	ng	90
77) Pyrene	16.82	202	70687	3.36	ng	98
80) Benzo(a)anthracene	18.41	228	39879	2.40	ng	98
82) Chrysene	18.46	228	35587	2.16	ng	96
87) Benzo(b)fluoranthene	19.70	252	34962m	2.32	ng	

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

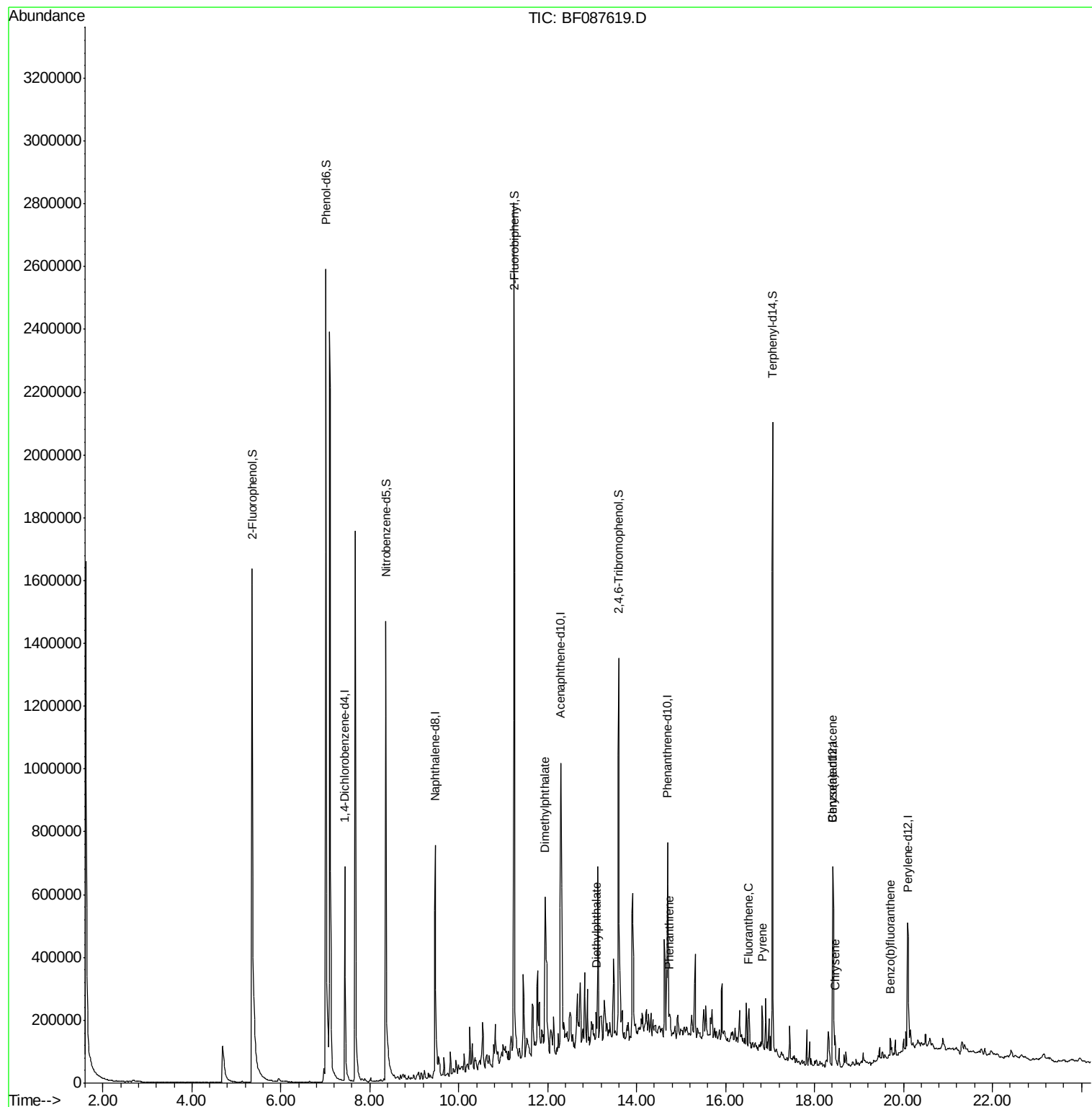
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087619.D
Acq On : 1 Jun 2016 12:52
Operator : UM/SJ
Sample : H3258-01RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

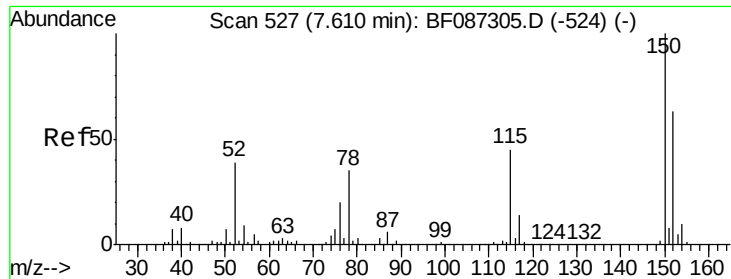
Instrument :
BNA_F
ClientSampleId :
B-1RE

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Quant Time: Jun 01 15:08:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 13:33:47 2016
Response via : Initial Calibration





#1

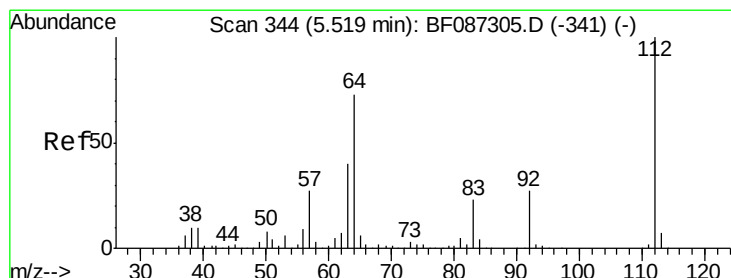
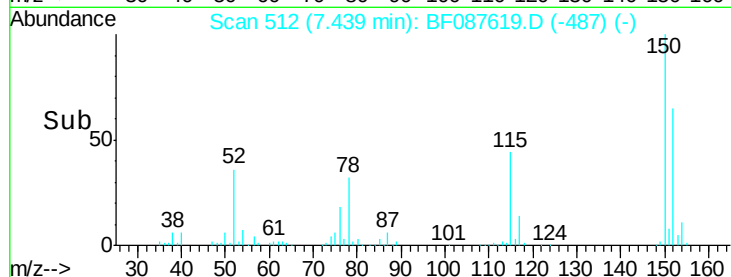
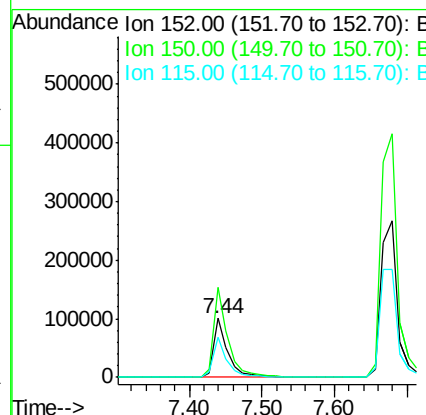
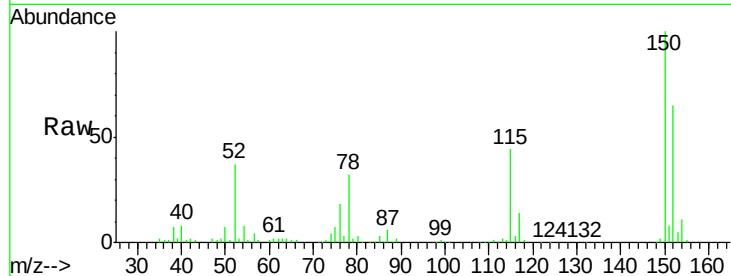
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Instrument :
BNA_F
ClientSampleId :
B-1RE

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	153.2	125.8	188.6	
115	67.2	51.5	77.3	

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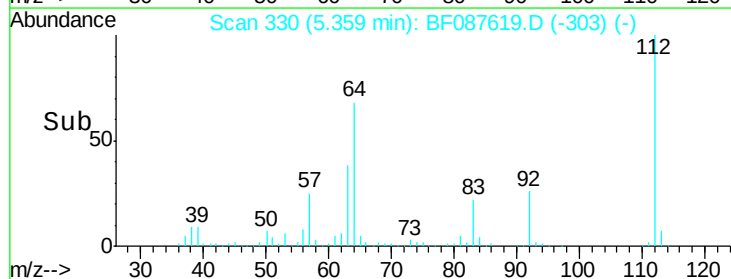
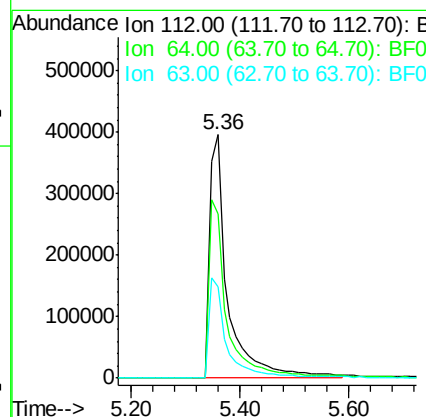
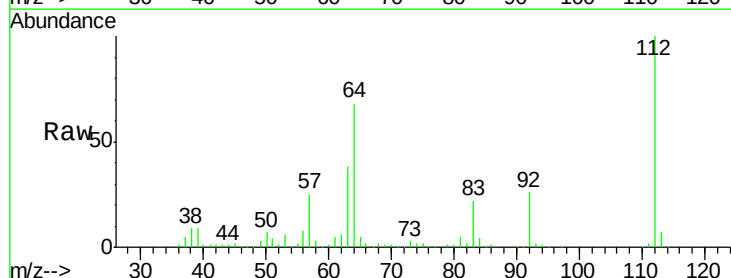
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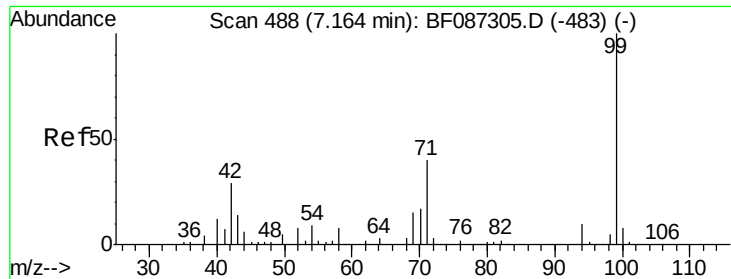


#5

2-Fluorophenol
Concen: 117.69 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.01 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	67.6	52.1	78.1	
63	37.6	25.7	38.5	





#7

Phenol-d6

Concen: 119.43 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF087619.D

Acq: 1 Jun 2016 12:52

Instrument :

BNA_F

ClientSampled :

B-1RE

Tot Ion: 99 Resp: 1258703

Ion Ratio Lower Upper

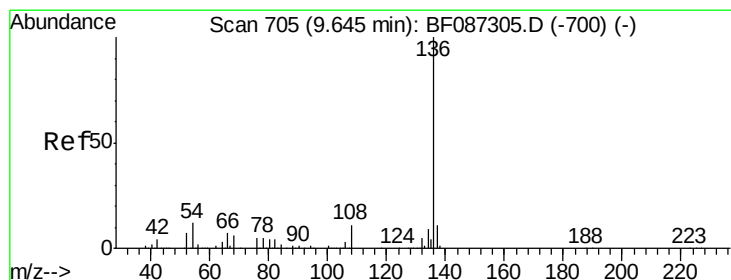
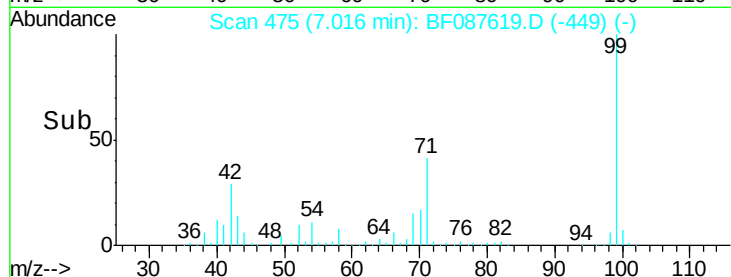
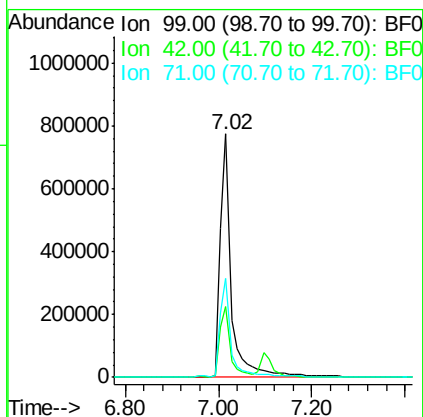
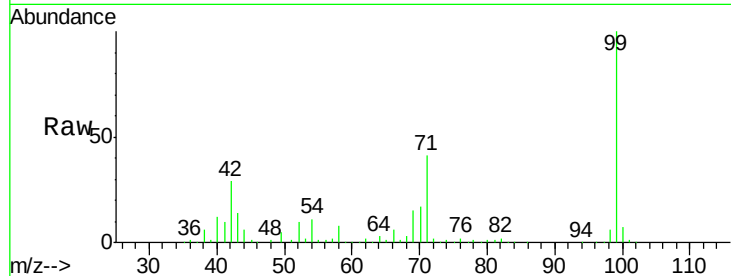
99 100

42 29.2 13.6 20.4#

71 40.7 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF087619.D

Acq: 1 Jun 2016 12:52

Tgt Ion: 136 Resp: 544319

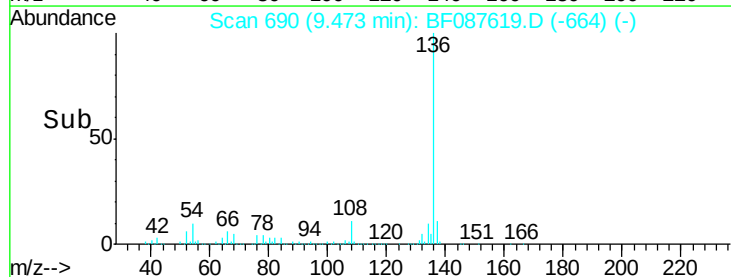
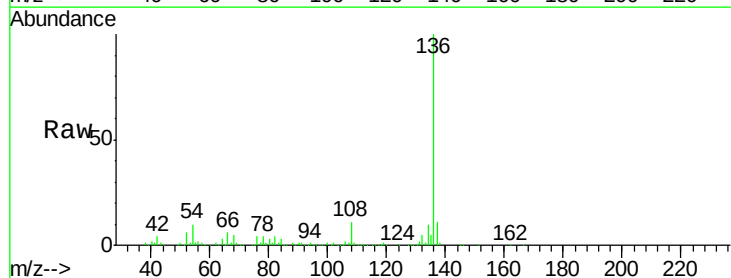
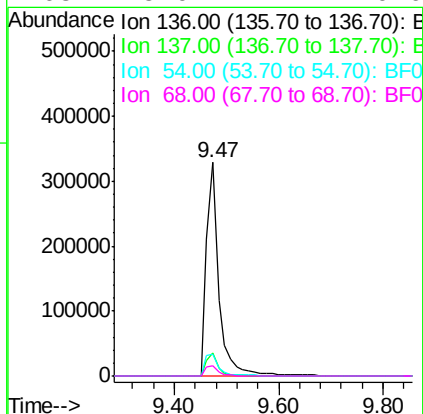
Ion Ratio Lower Upper

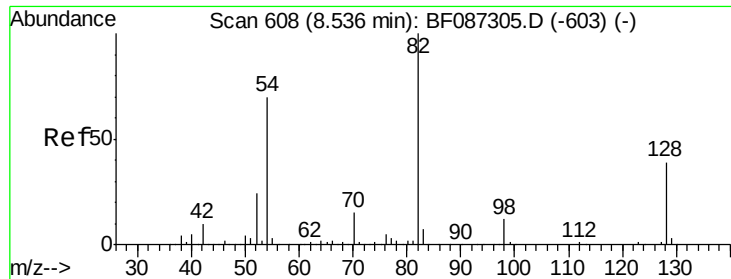
136 100

137 10.6 8.8 13.2

54 10.3 5.0 7.4#

68 5.0 4.4 6.6





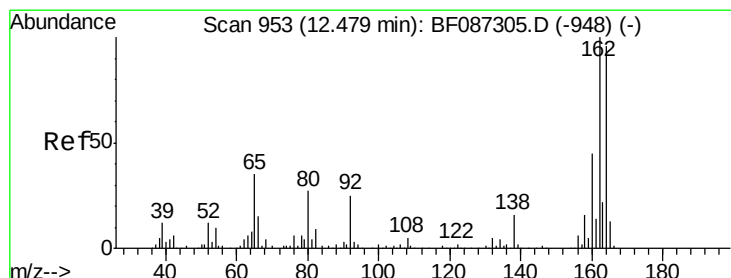
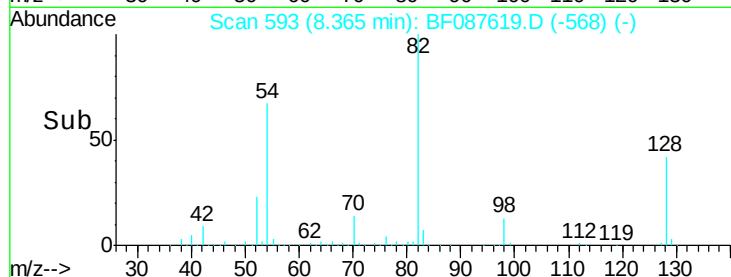
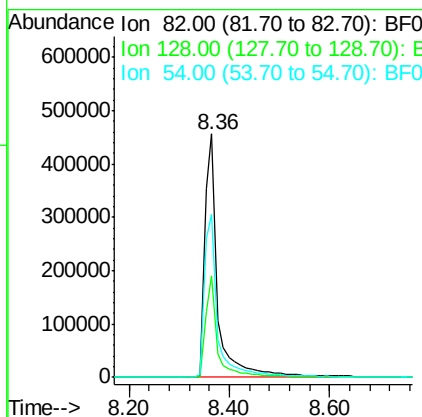
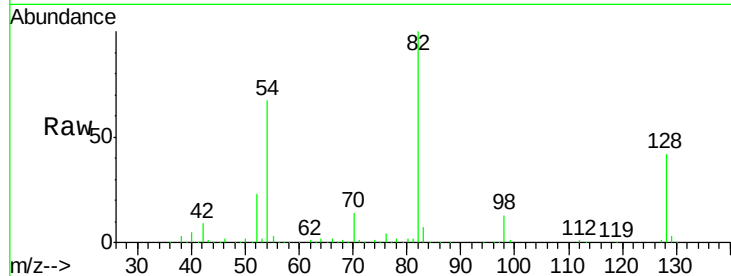
#23
 Nitrobenzene-d5
 Concen: 75.12 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087619.D
 Acq: 1 Jun 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 B-1RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	40.6	61.0
54	67.2	38.1	57.1

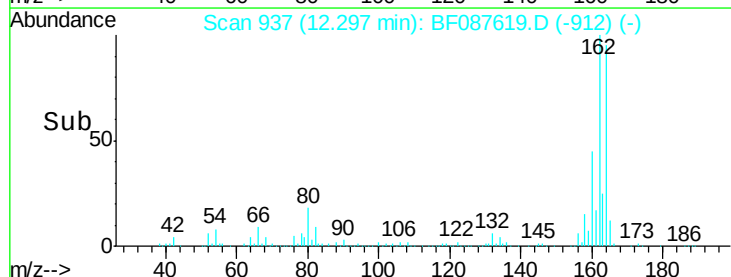
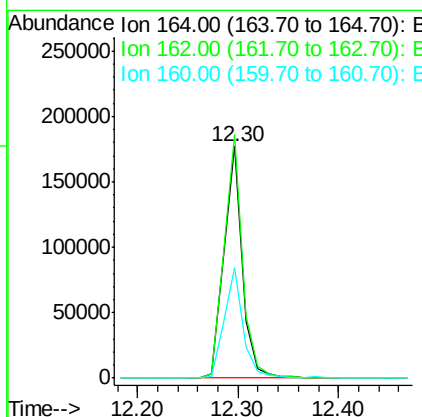
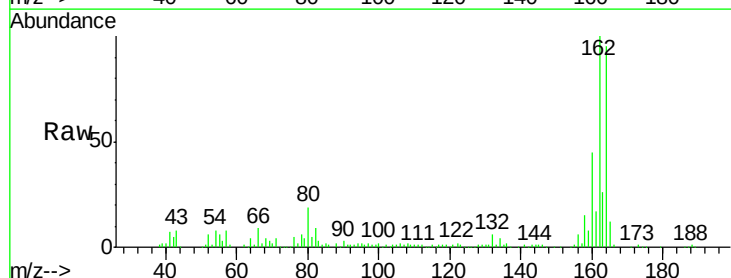
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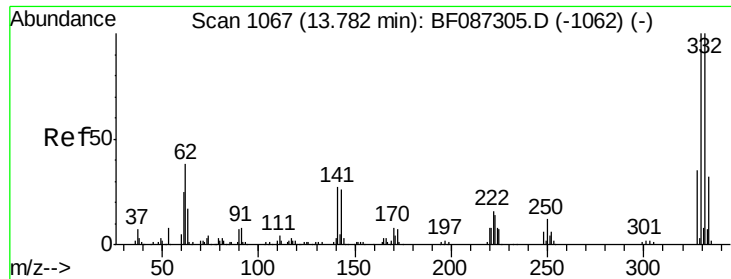
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF087619.D
 Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.8	124.2
160	47.7	36.9	55.3





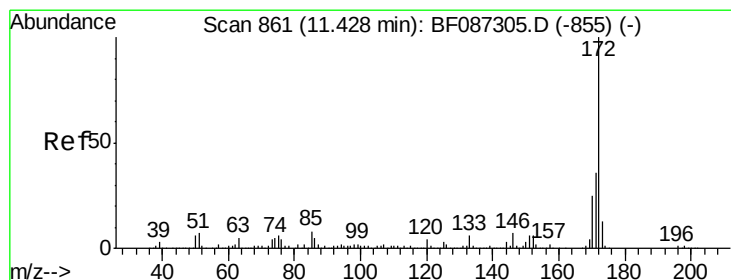
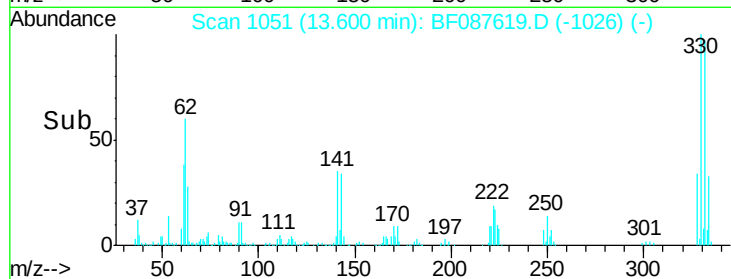
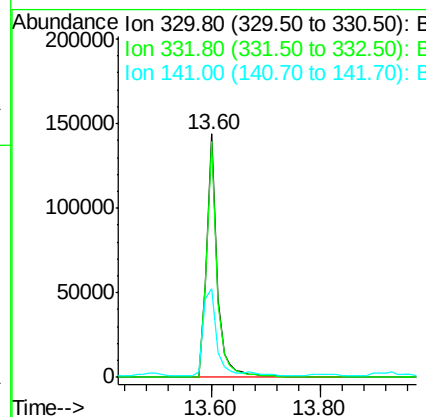
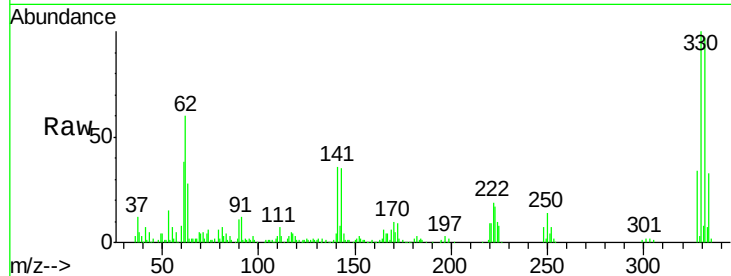
#41
 2,4,6-Tribromophenol
 Concen: 89.95 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087619.D
 Acq: 1 Jun 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 B-1RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194706		
332	97.2	79.0	118.4	
141	45.5	31.2	46.8	

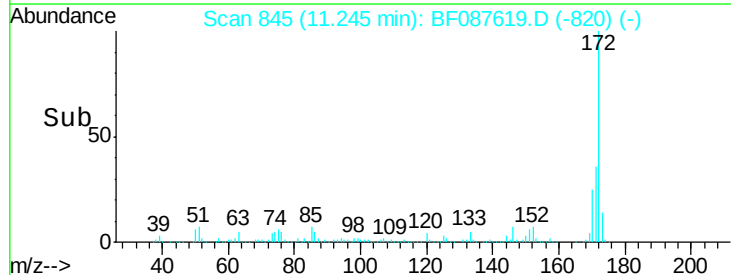
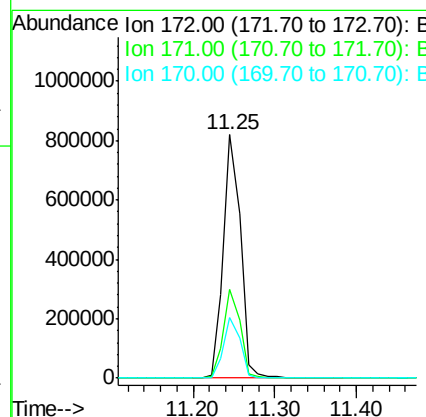
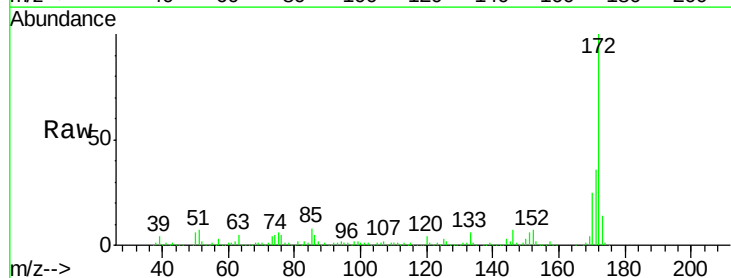
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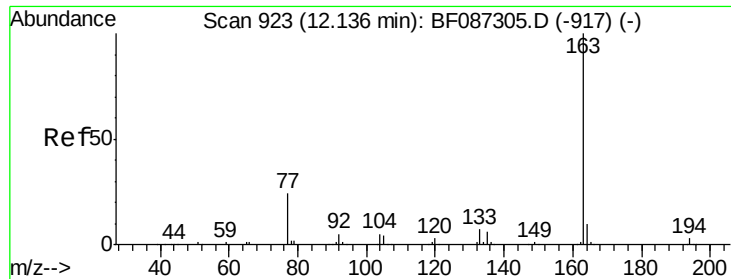
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#44
 2-Fluorobiphenyl
 Concen: 75.25 ng
 RT: 11.25 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087619.D
 Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1202234		
171	36.3	29.0	43.6	
170	24.8	19.8	29.8	





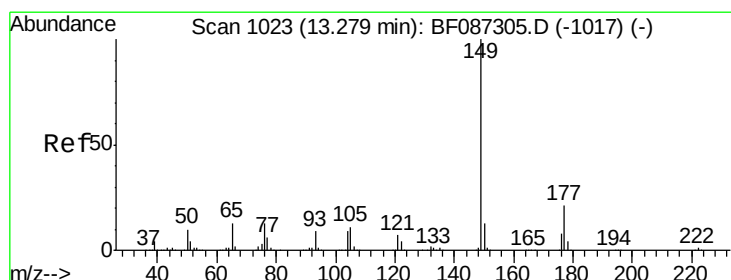
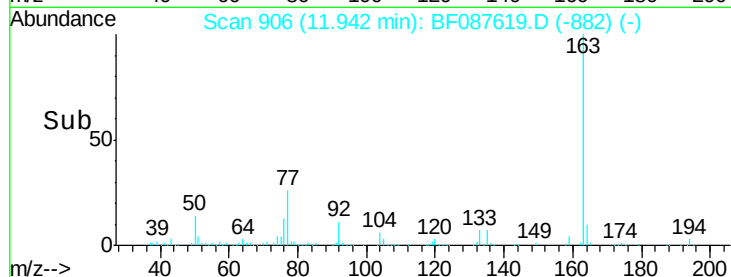
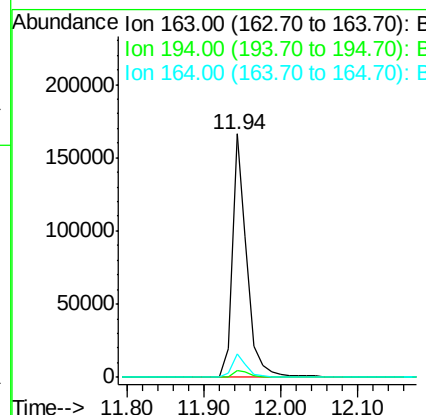
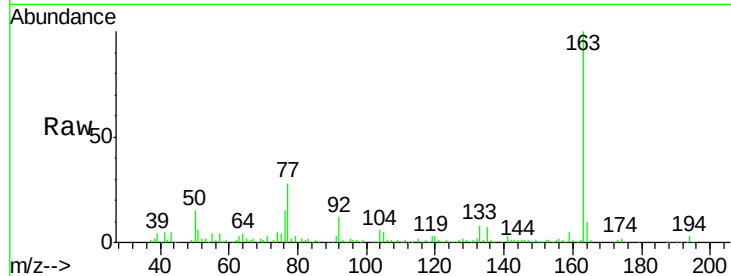
#49
Dimethylphthalate
Concen: 12.35 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Instrument :
BNA_F
ClientSampleId :
B-1RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	222794		
194	3.0	2.6	4.0	
164	9.9	8.2	12.4	

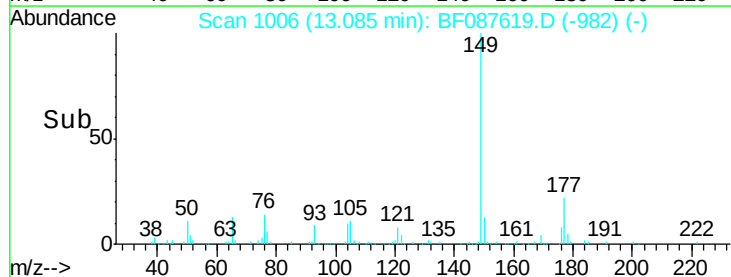
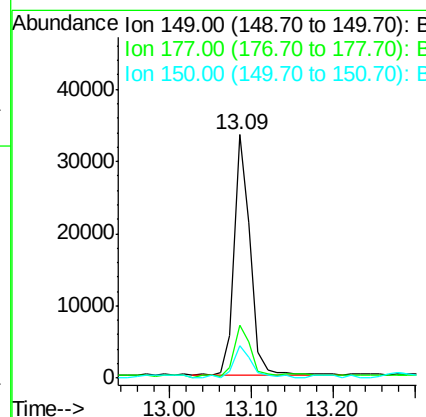
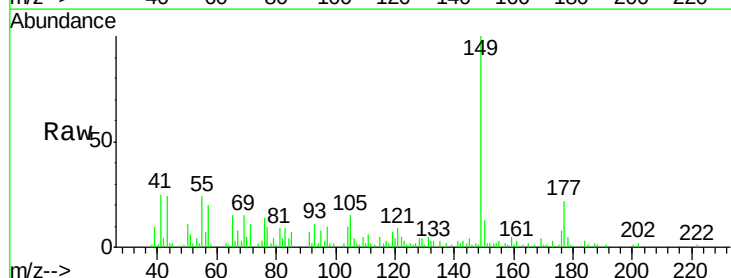
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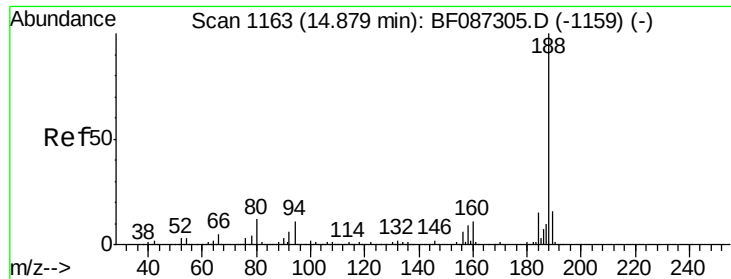
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#59
Diethylphthalate
Concen: 2.58 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	45188		
177	21.8	16.6	24.8	
150	13.3	10.0	15.0	





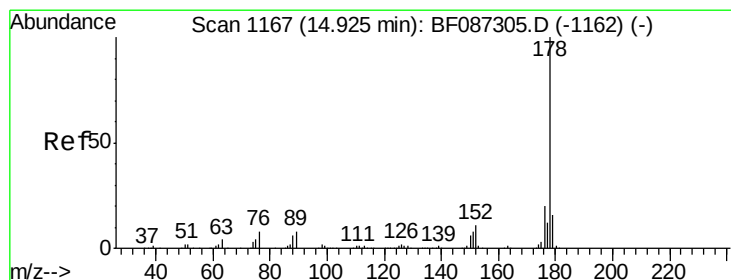
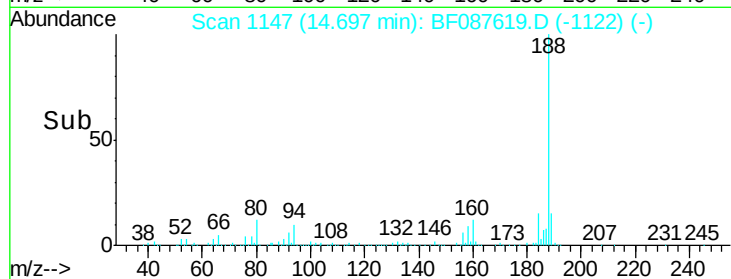
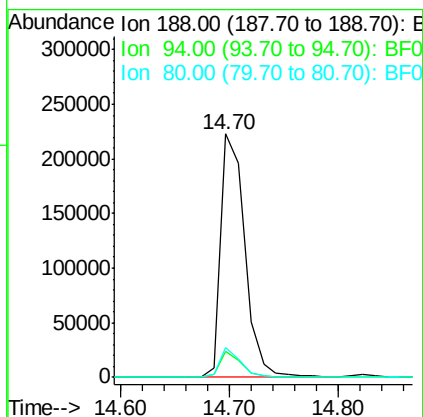
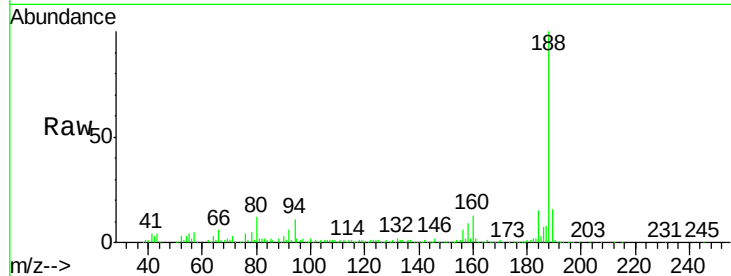
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Phenanthrene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Instrument :
BNA_F
ClientSampleId :
B-1RE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	343883		
94	10.5	6.8	10.2#	
80	12.2	7.1	10.7#	

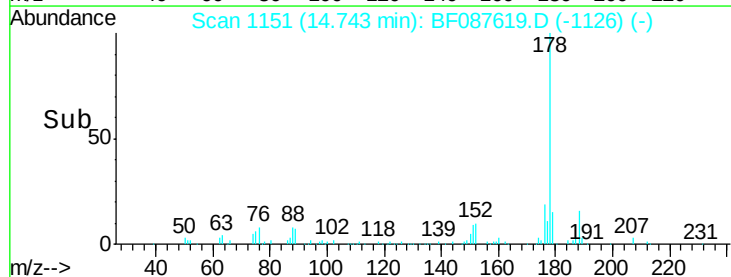
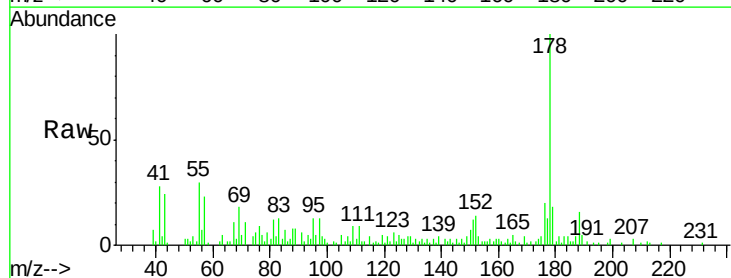
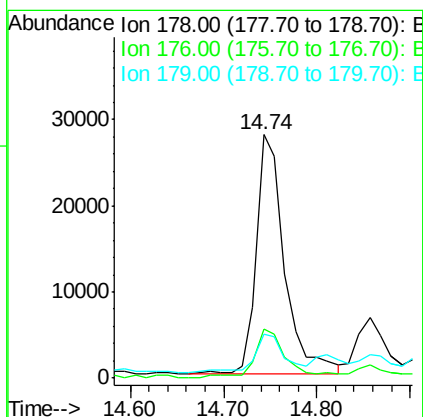
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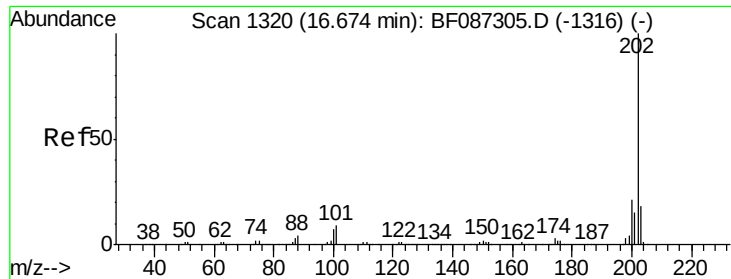
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#70
Phenanthrene
Concen: 3.09 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58830		
176	19.9	16.0	24.0	
179	17.9	12.6	18.8	





#74

Fluoranthene

Concen: 3.98 ng

RT: 16.53 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF087619.D

Acq: 1 Jun 2016 12:52

Instrument :

BNA_F

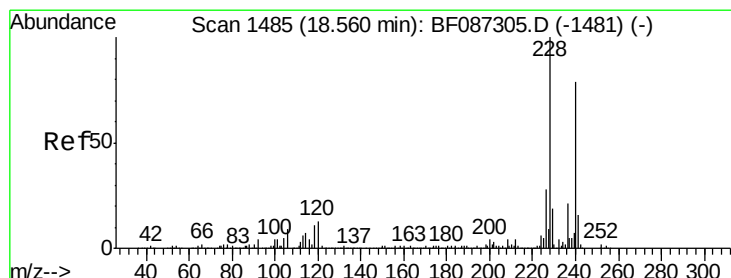
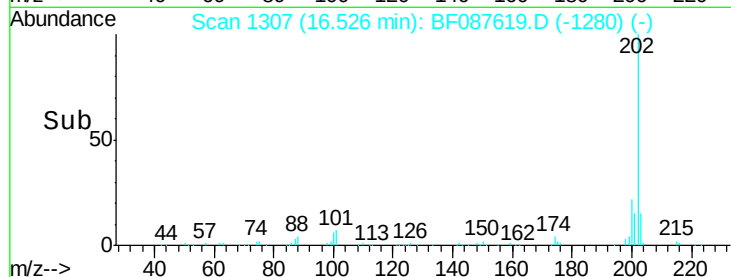
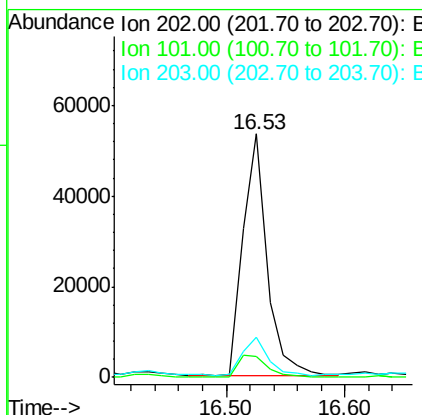
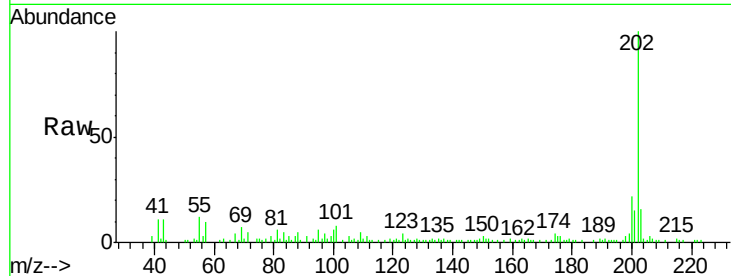
ClientSampleId :

B-1RE

Tot Ion:	202	Resp:	75978
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	35.4
203	16.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

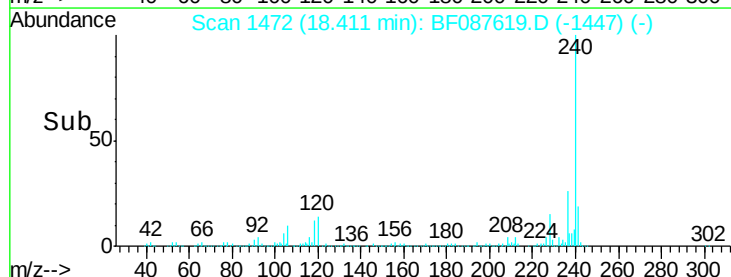
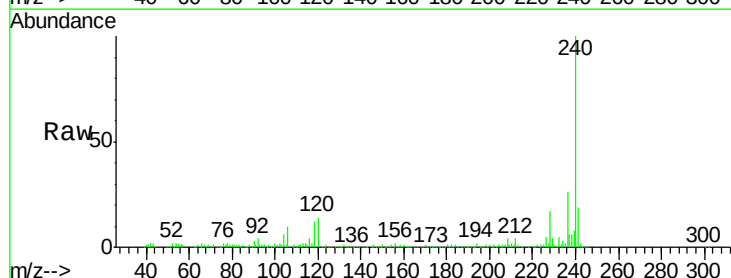
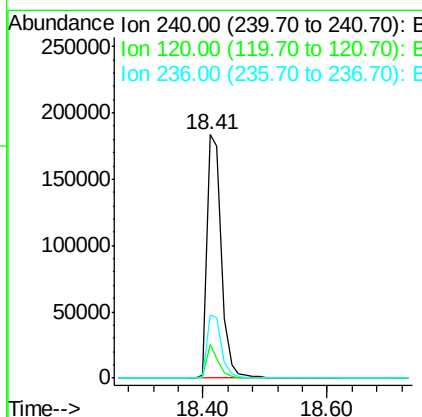
RT: 18.41 min Scan# 1472

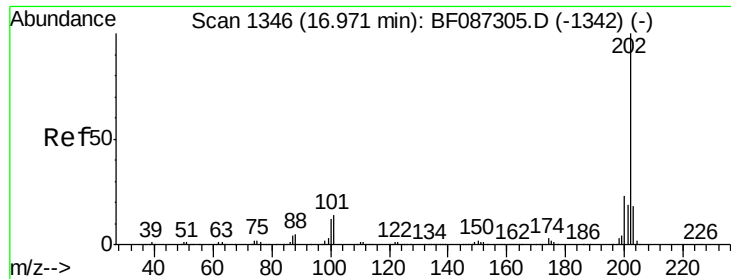
Delta R.T. -0.01 min

Lab File: BF087619.D

Acq: 1 Jun 2016 12:52

Tgt Ion:	240	Resp:	292111
Ion Ratio	Lower	Upper	
240	100		
120	13.7	11.2	16.8
236	26.0	21.2	31.8





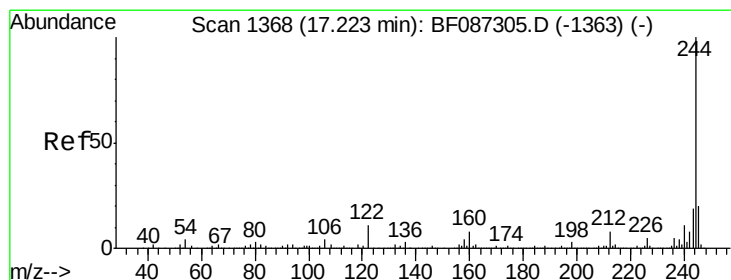
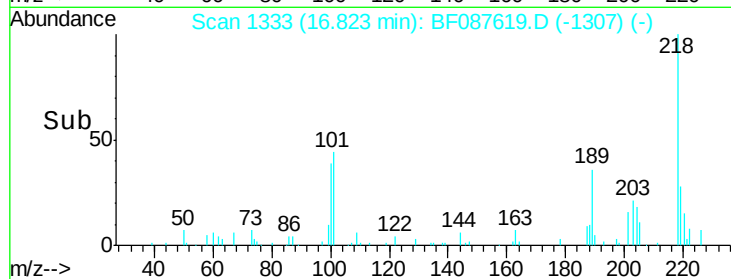
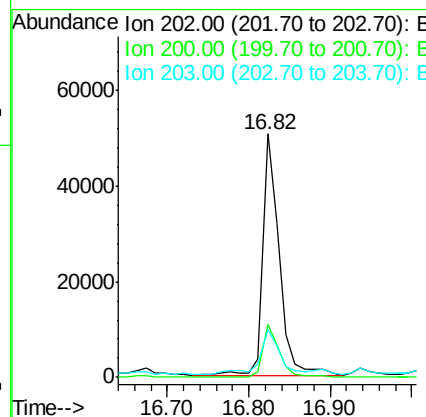
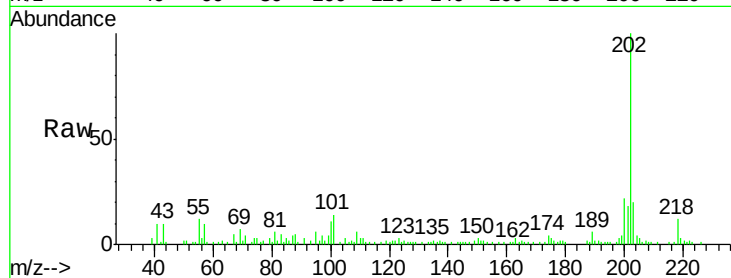
#77
Pvrene
Concen: 3.36 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Instrument :
BNA_F
ClientSampleId :
B-1RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	19.8	14.2	21.4

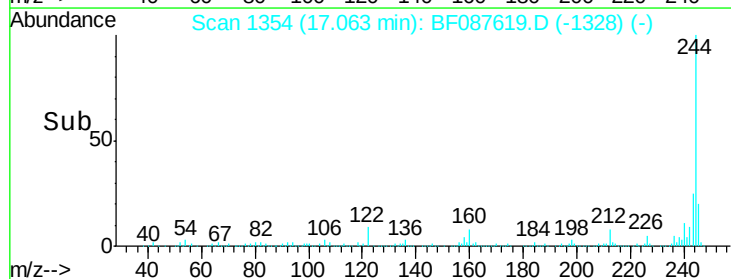
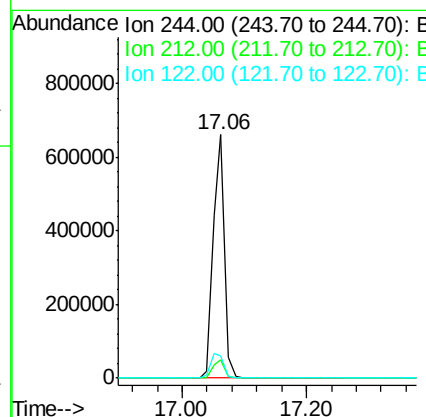
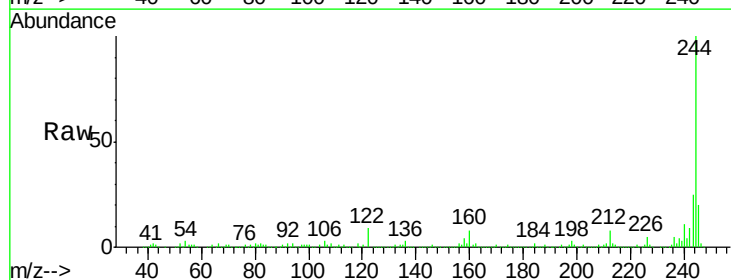
Manual Integrations
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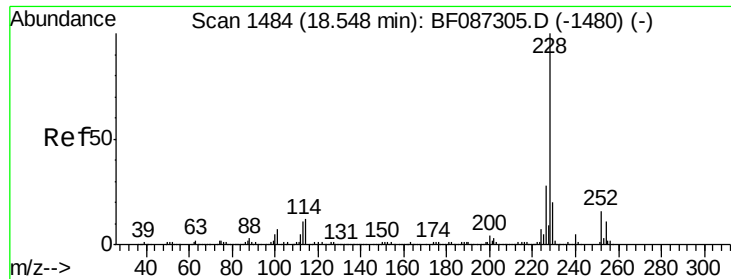
sohil
6/1/2016 6:34:58 PM



#78
Terphenyl-d14
Concen: 59.78 ng
RT: 17.06 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	9.4	12.0	18.0#





#80

Benzo(a)anthracene

Concen: 2.40 ng

RT: 18.41 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BF087619.D

Acq: 1 Jun 2016 12:52

Instrument :

BNA_F

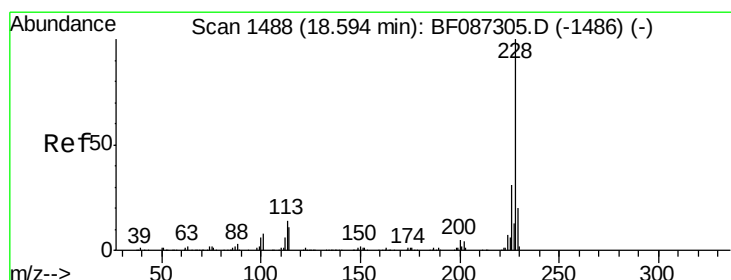
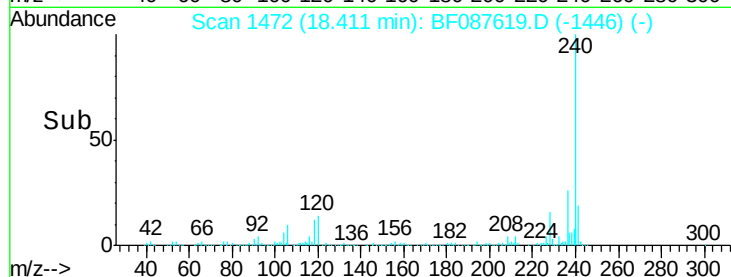
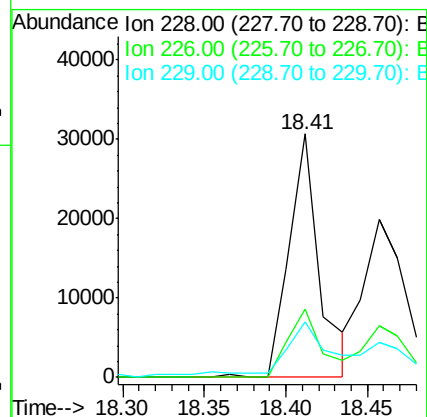
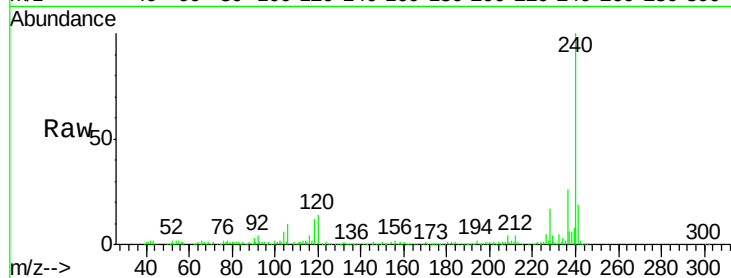
ClientSampleId :

B-1RE

Tot Ion:	228	Resp:	39879
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.5	33.7
229	22.8	16.6	25.0

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#82

Chrysene

Concen: 2.16 ng

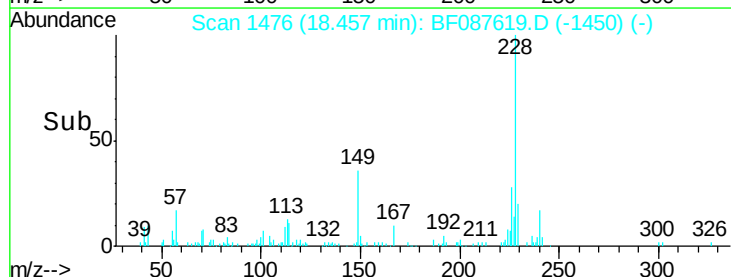
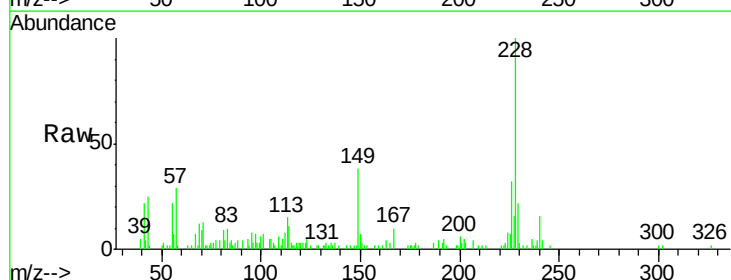
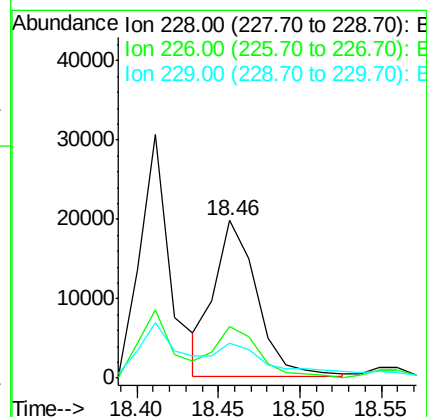
RT: 18.46 min Scan# 1476

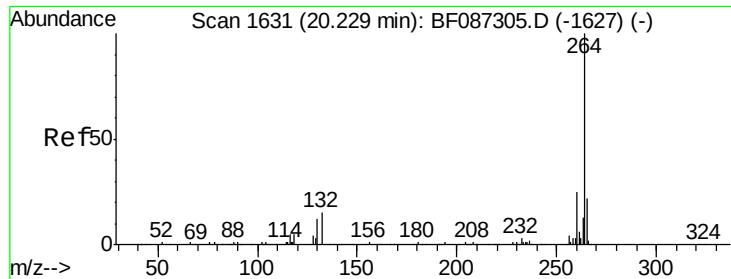
Delta R.T. 0.00 min

Lab File: BF087619.D

Acq: 1 Jun 2016 12:52

Tgt Ion:	228	Resp:	35587
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.4	36.6
229	22.0	15.8	23.8





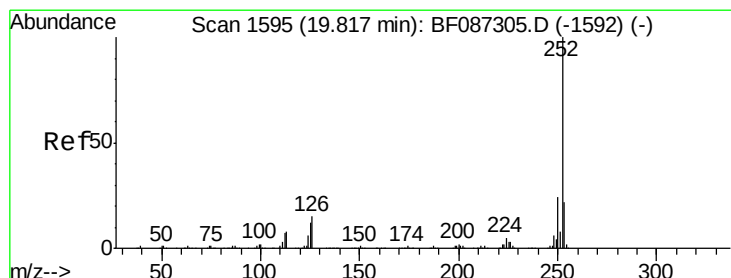
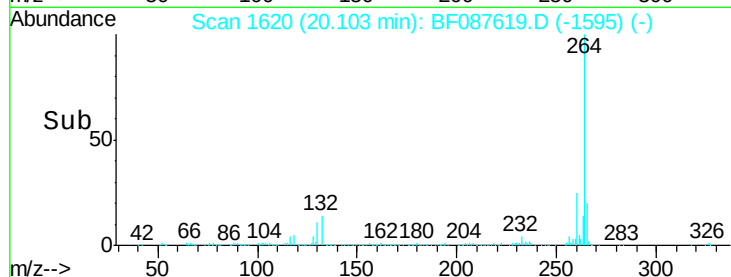
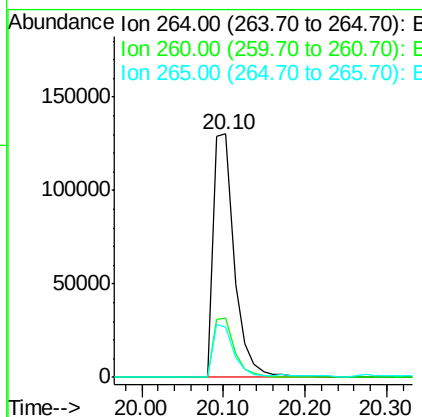
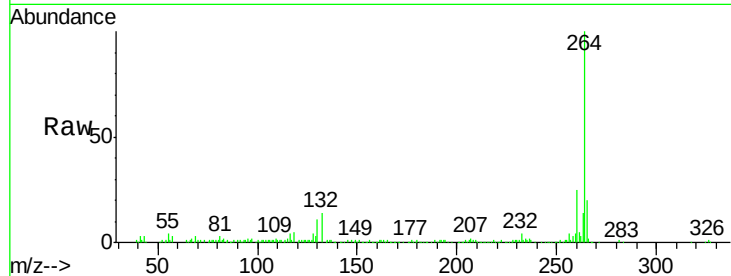
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Instrument :
BNA_F
ClientSampleId :
B-1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.4	17.3	25.9

Manual Integrations
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6/1/2016 6:34:58 PM



#87
Benzo(b)fluoranthene
Concen: 2.32 ng m
RT: 19.70 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF087619.D
Acq: 1 Jun 2016 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.6
125	16.0	11.4	17.0

