

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086439.D
 Acq On : 27 Apr 2016 22:30
 Operator : UM/SJ
 Sample : H2723-02 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERET

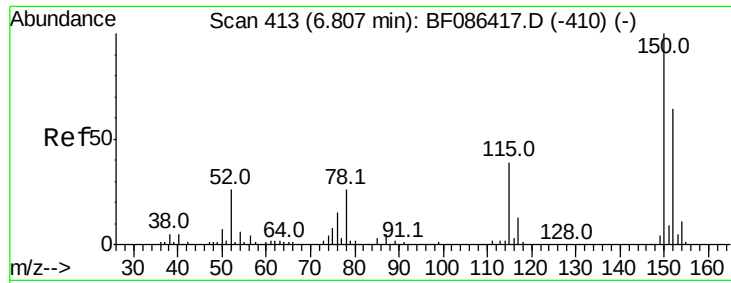
Manual Integrations
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Quant Time: Apr 28 02:01:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	96385	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	340079	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	141638	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	225142	20.00	ng	0.01
75) Chrysene-d12	14.01	240	107539	20.00	ng	0.05
86) Perylene-d12	15.46	264	92848	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	246272	44.07	ng	-0.01
7) Phenol-d6	6.43	99	331426	42.50	ng	-0.01
23) Nitrobenzene-d5	7.37	82	205511	32.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	59595	39.90	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	314875	31.77	ng	0.00
78) Terphenyl-d14	12.93	244	190718	39.07	ng	0.02
Target Compounds						
31) Naphthalene	8.11	128	53019	3.06	ng	# 84
37) 2-Methylnaphthalene	8.81	142	53032	5.19	ng	97
49) Dimethylphthalate	9.56	163	38801	3.64	ng	# 50
57) Fluorene	10.40	166	24745	2.52	ng	# 76
70) Phenanthrene	11.36	178	87293	7.39	ng	# 75
73) Di-n-butylphthalate	11.90	149	139511	11.02	ng	# 91
74) Fluoranthene	12.56	202	142565	11.95	ng	88
77) Pyrene	12.78	202	183875	23.73	ng	# 93
80) Benzo(a)anthracene	14.00	228	24108m	4.20	ng	
82) Chrysene	14.03	228	31674m	5.08	ng	
83) Bis(2-ethylhexyl)phthalate	14.00	149	177333	42.57	ng	# 87

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



#1

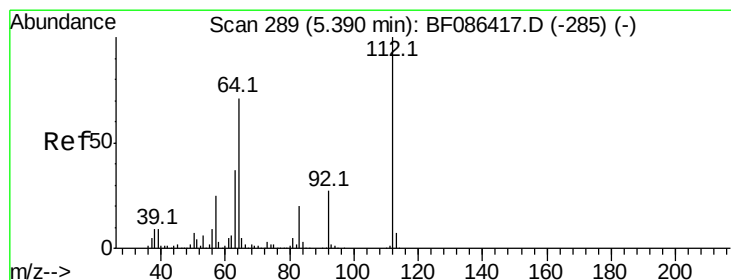
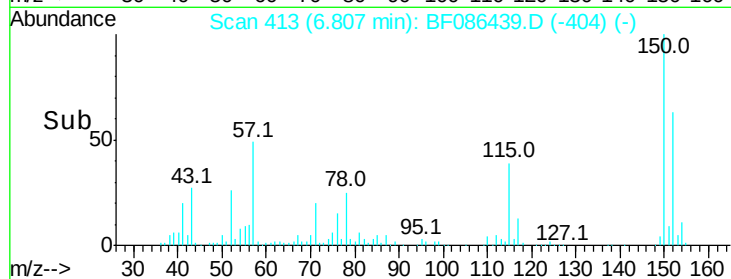
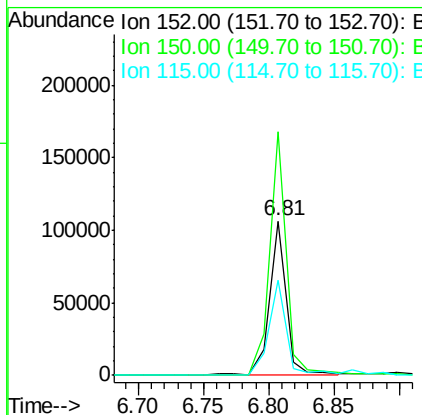
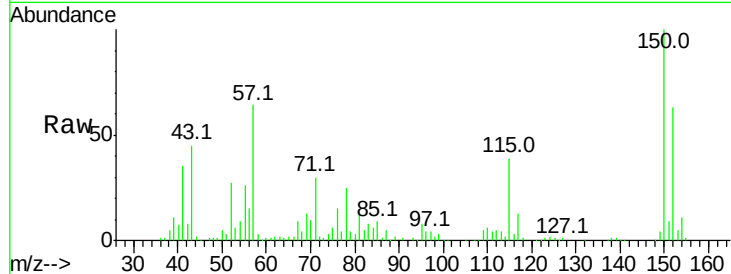
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.8	188.6
115	61.5	51.5	77.3

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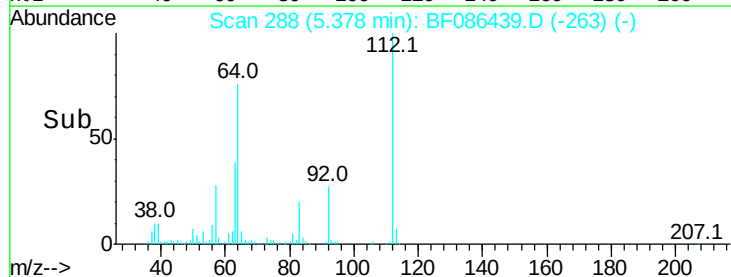
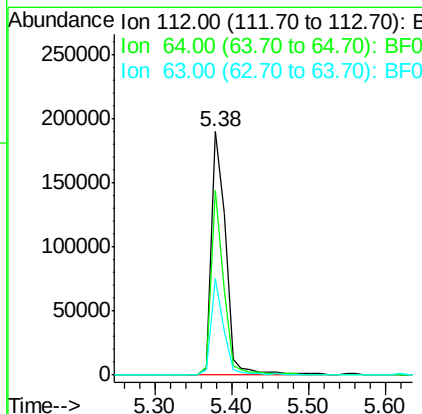
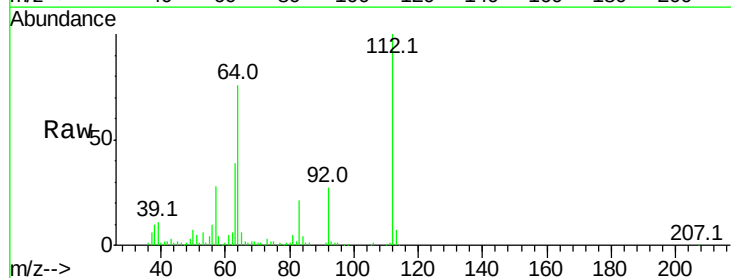
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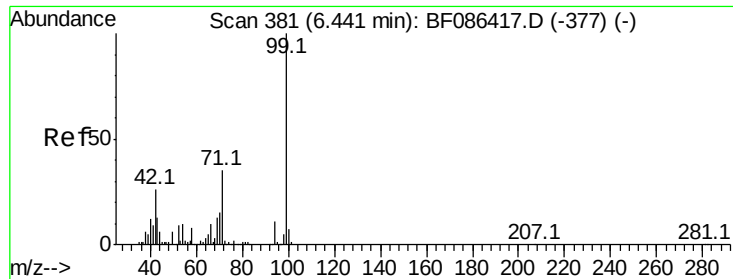


#5

2-Fluorophenol
Concen: 44.07 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.9	52.1	78.1
63	39.4	25.7	38.5





#7

Phenol-d6

Concen: 42.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

Tot Ion: 99 Resp: 331426
Ion Ratio Lower Upper

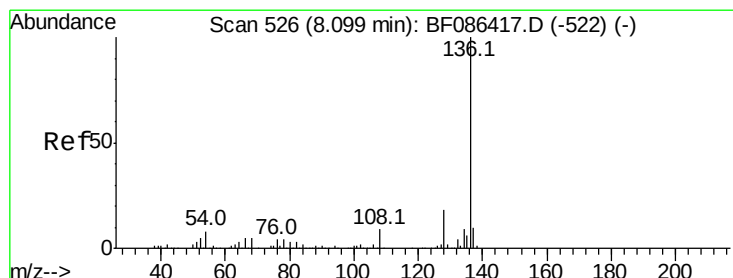
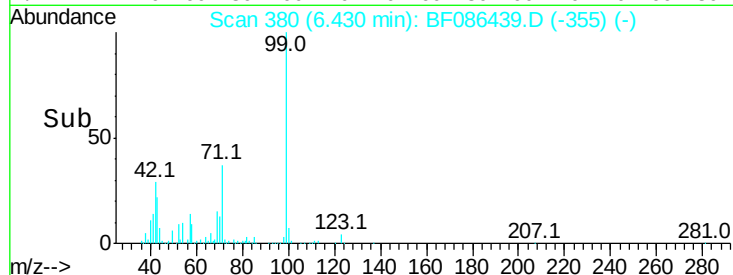
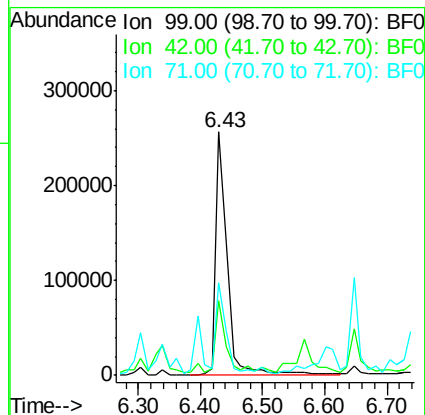
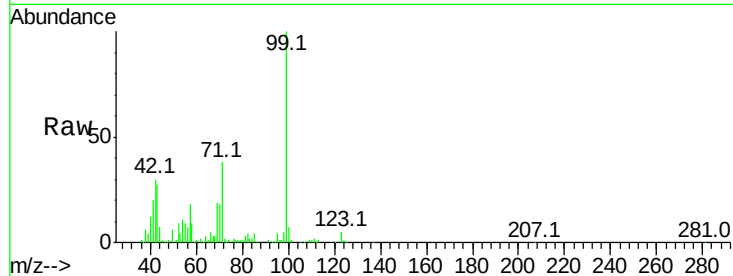
99 100

42 30.5 13.6 20.4#

71 38.3 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

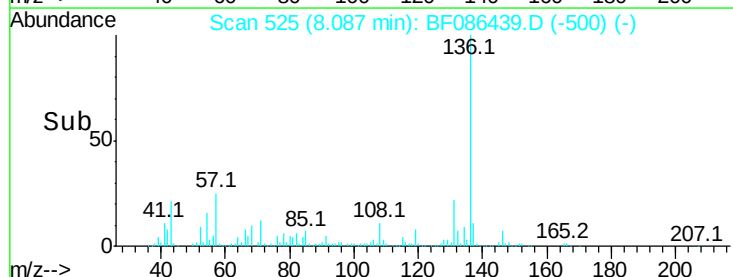
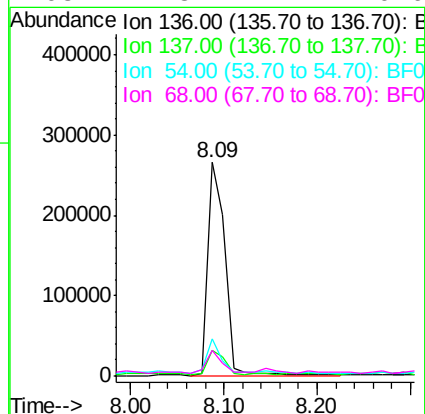
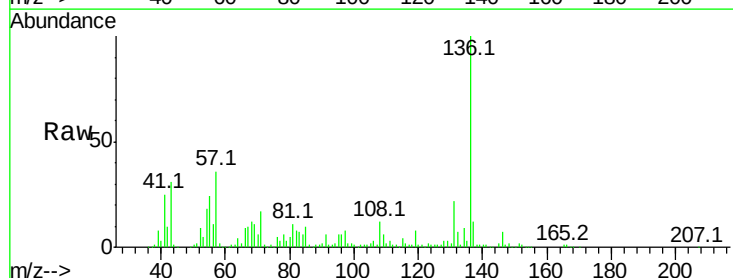
Tgt Ion: 136 Resp: 340079
Ion Ratio Lower Upper

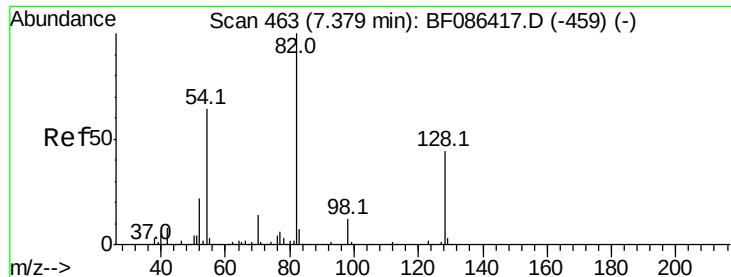
136 100

137 11.8 8.8 13.2

54 17.6 5.0 7.4#

68 11.8 4.4 6.6#





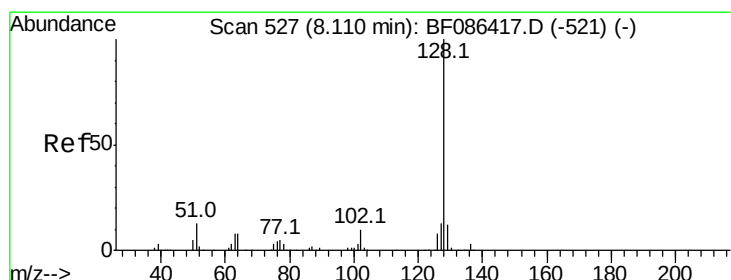
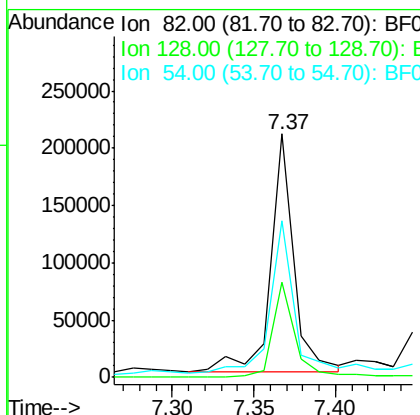
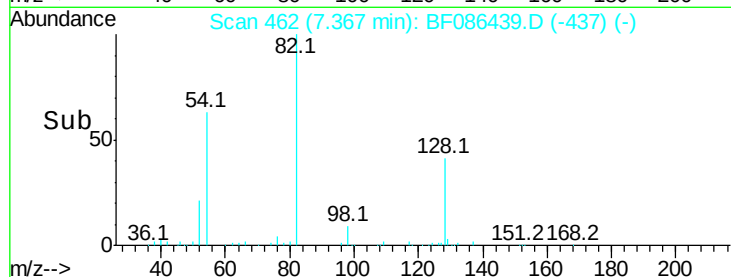
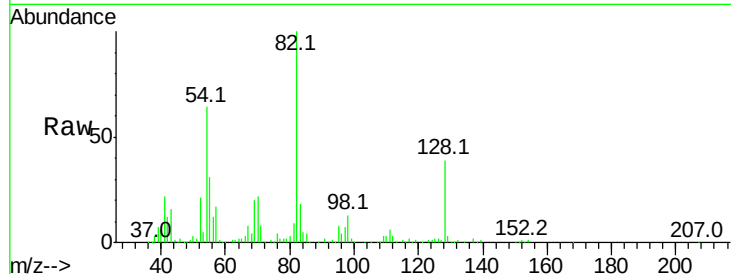
#23
 Nitrobenzene-d5
 Concen: 32.57 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERET

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	40.6	61.0#	
54	64.2	38.1	57.1#	

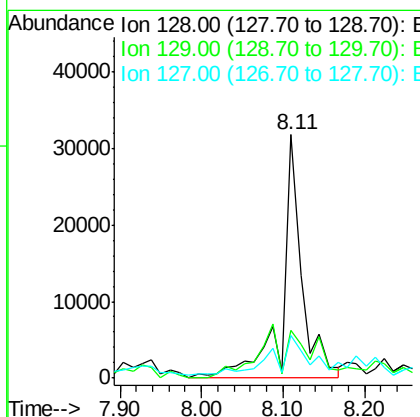
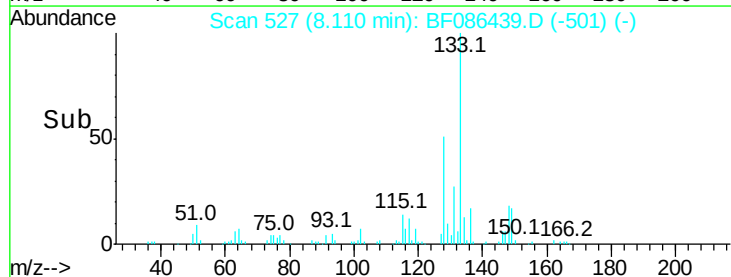
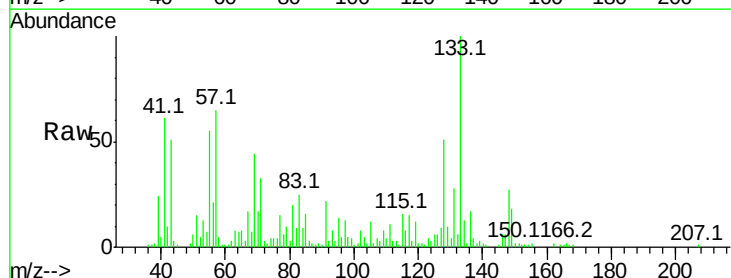
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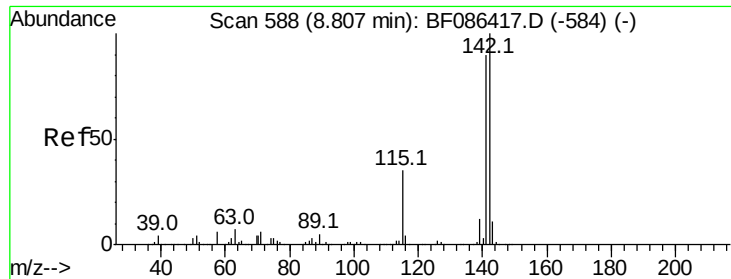
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#31
 Naphthalene
 Concen: 3.06 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	19.7	8.6	13.0#	
127	17.5	10.8	16.2#	





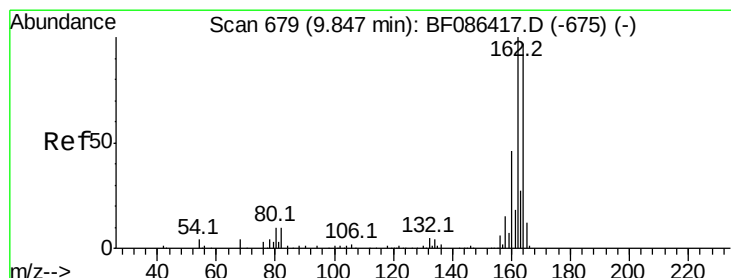
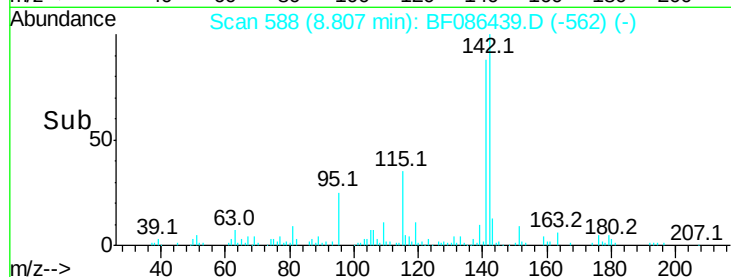
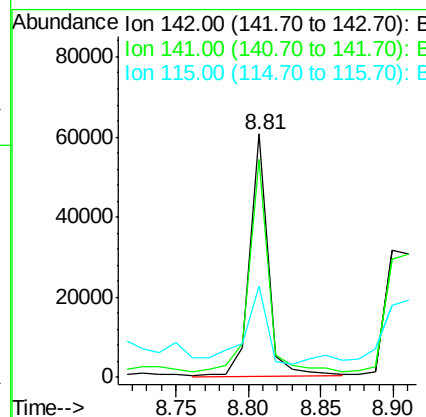
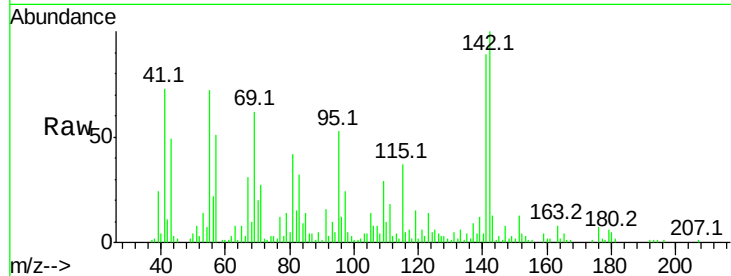
#37
2-Methylnaphthalene
Concen: 5.19 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	37.4	26.6	39.8

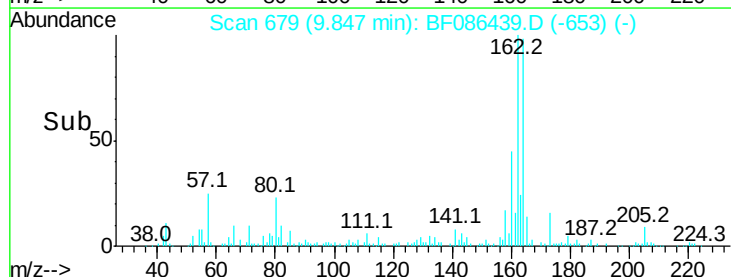
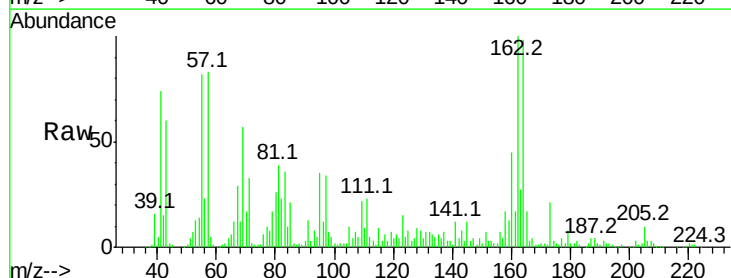
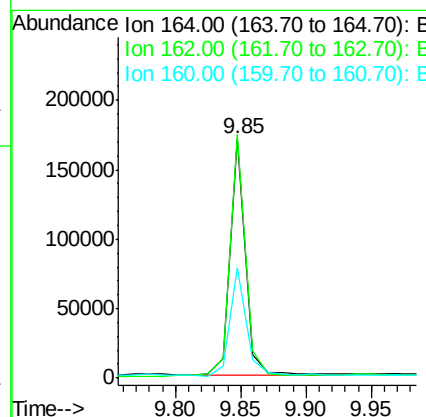
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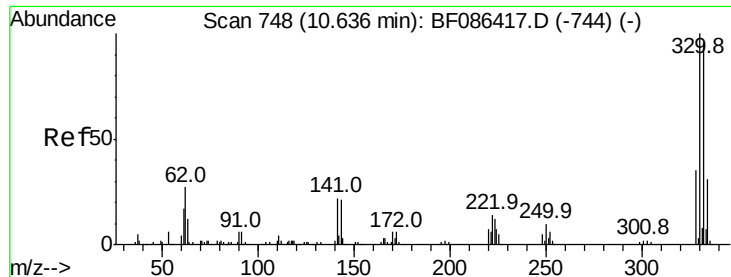
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.1	36.9	55.3





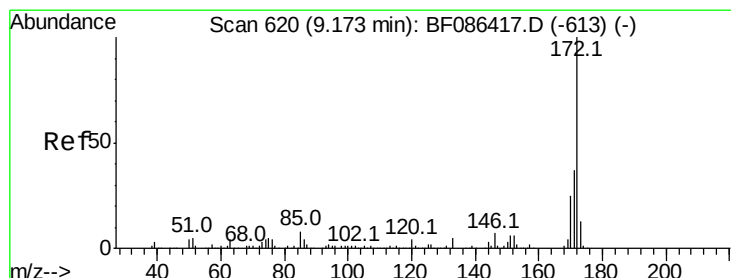
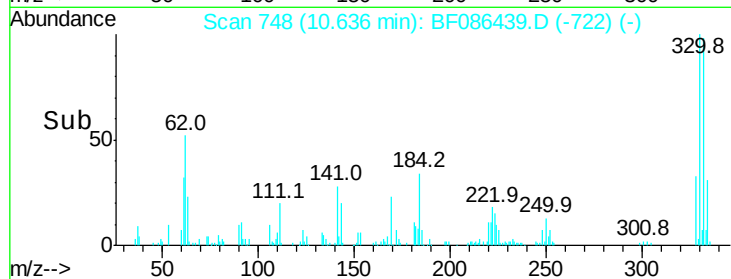
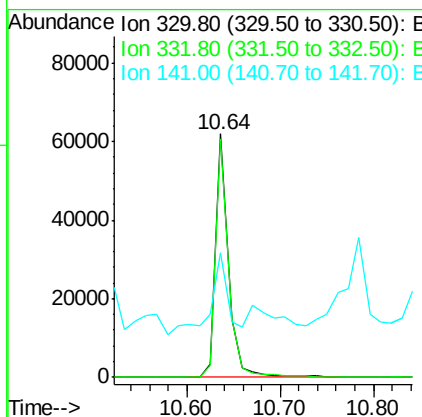
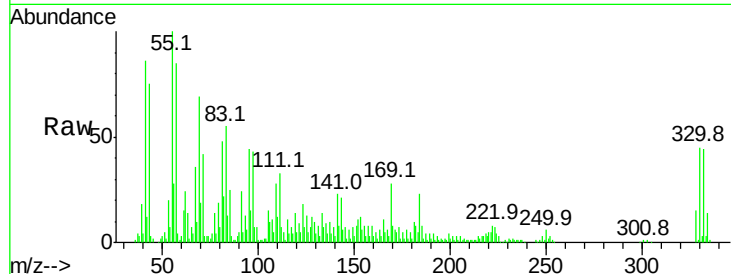
#41
 2,4,6-Tribromophenol
 Concen: 39.90 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERET

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	27.4	31.2	46.8

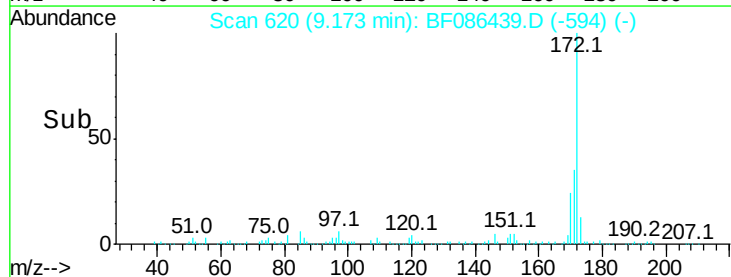
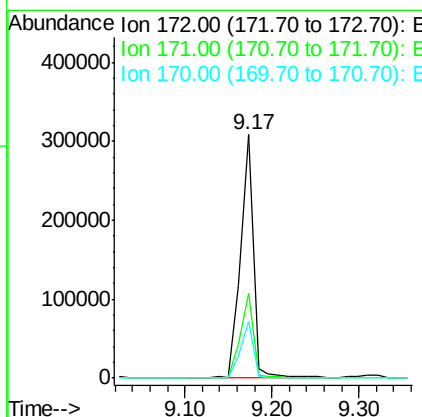
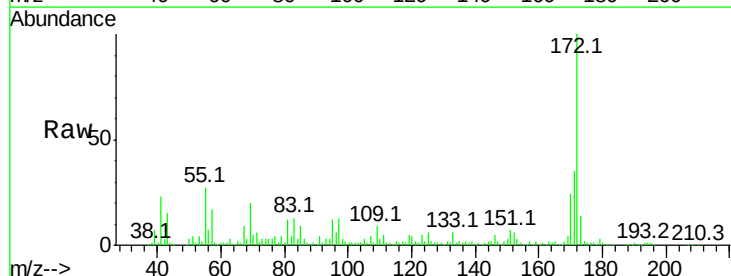
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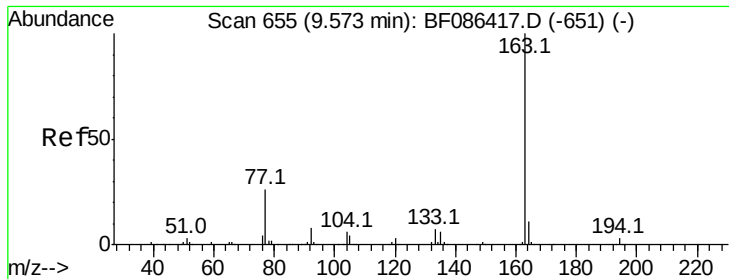
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#44
 2-Fluorobiphenyl
 Concen: 31.77 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	23.6	19.8	29.8





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

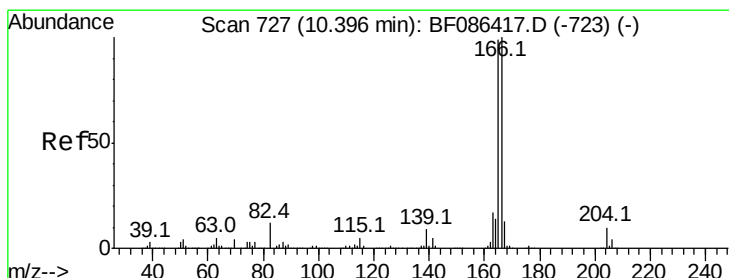
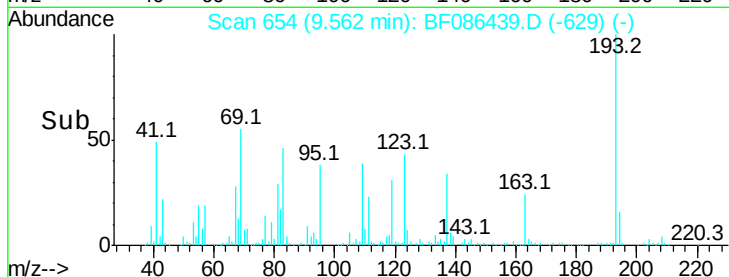
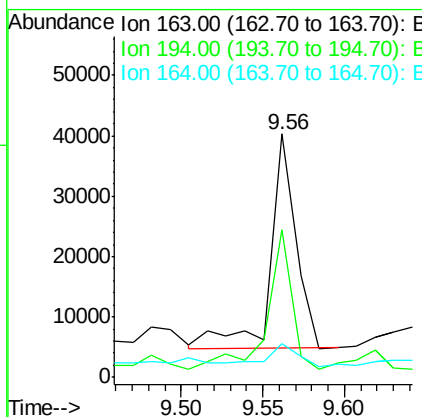
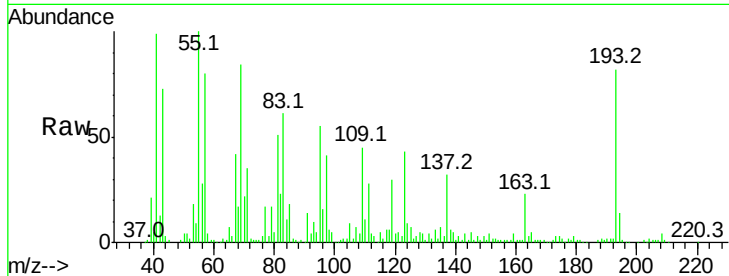
ClientSampled :

WC-CARTERET

Tot Ion:	163	Resp:	38801
Ion Ratio	Lower	Upper	
163	100		
194	60.8	2.6	4.0#
164	14.0	8.2	12.4#

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#57

Fluorene

Concen: 2.52 ng

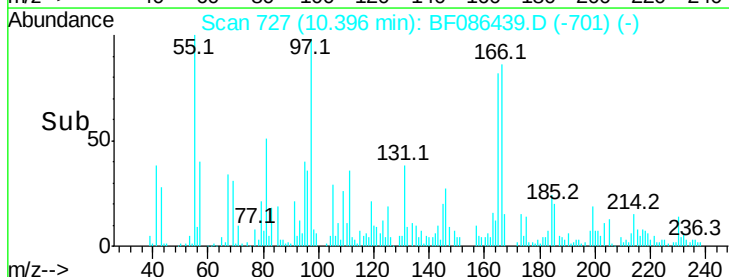
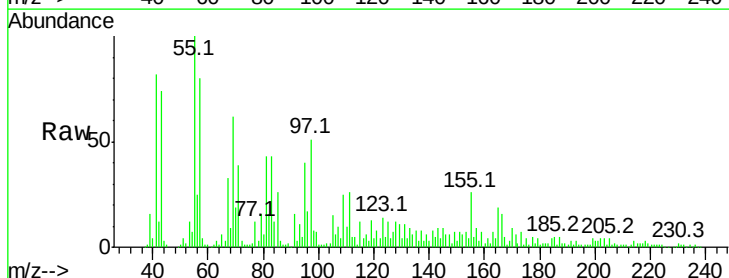
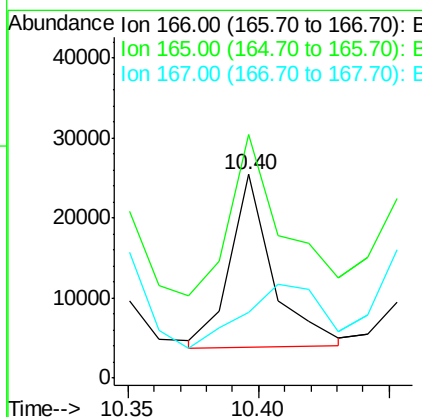
RT: 10.40 min Scan# 727

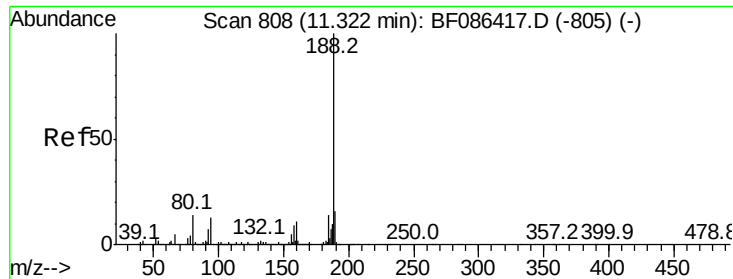
Delta R.T. 0.00 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion:	166	Resp:	24745
Ion Ratio	Lower	Upper	
166	100		
165	119.7	79.0	118.6#
167	32.2	10.6	15.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

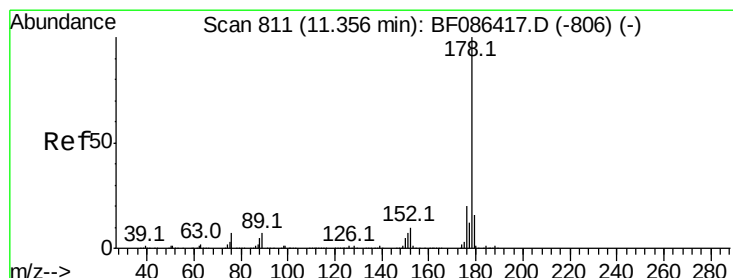
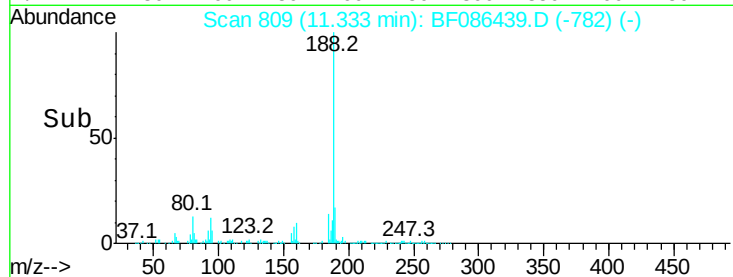
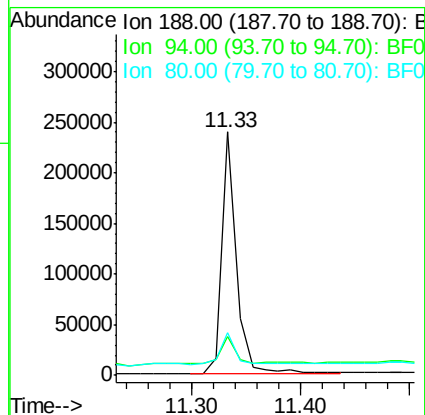
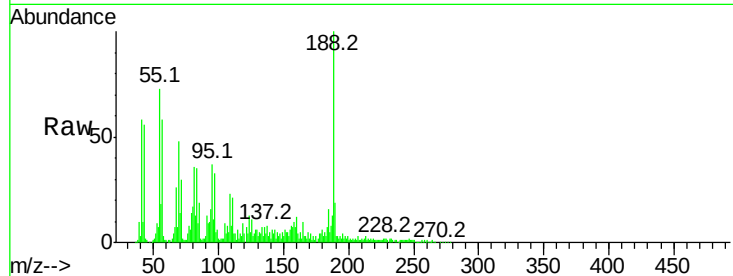
ClientSampleId :

WC-CARTERET

Tot Ion:	188	Resp:	225142
Ion Ratio	Lower	Upper	
188	100		
94	16.2	6.8	10.2#
80	17.3	7.1	10.7#

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#70

Phenanthrene

Concen: 7.39 ng

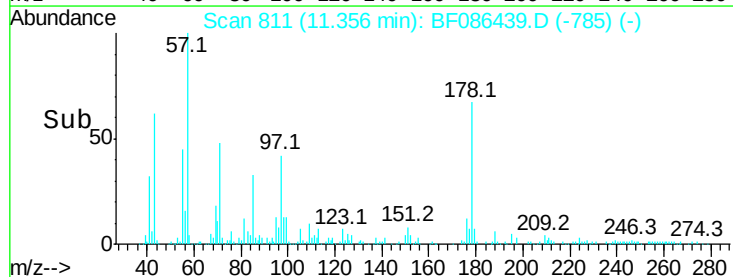
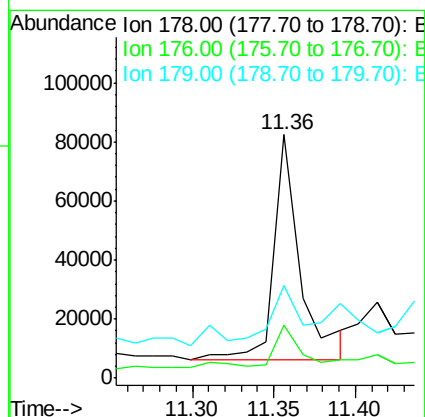
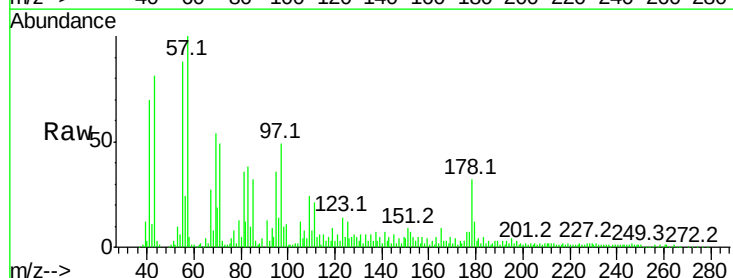
RT: 11.36 min Scan# 811

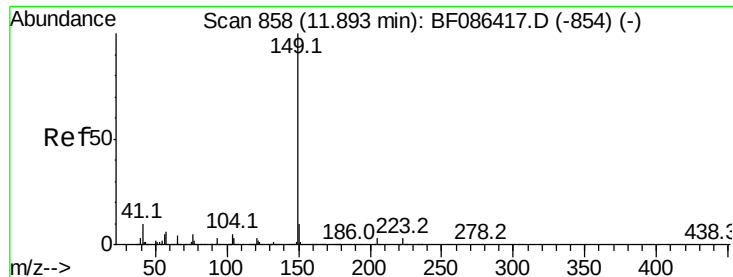
Delta R.T. 0.00 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion:	178	Resp:	87293
Ion Ratio	Lower	Upper	
178	100		
176	21.6	16.0	24.0
179	38.2	12.6	18.8#





#73

Di-n-butylphthalate

Concen: 11.02 ng

RT: 11.90 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

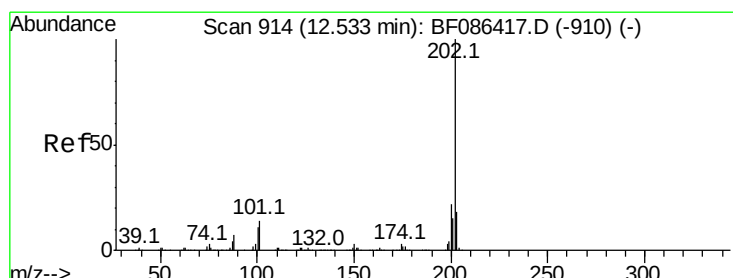
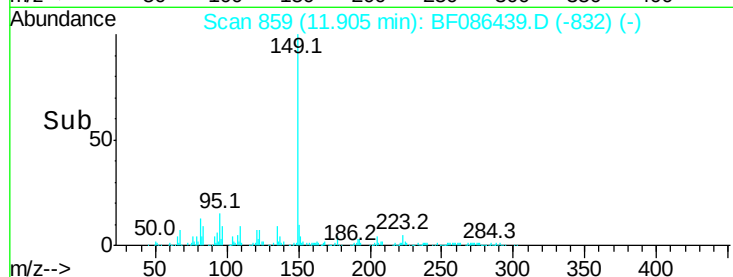
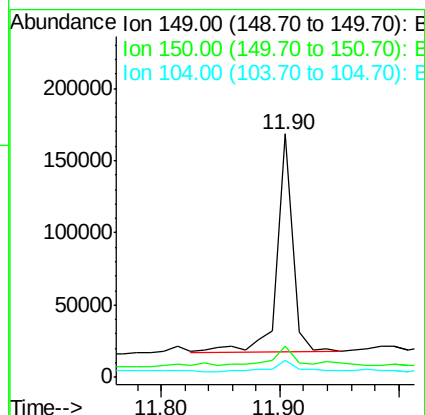
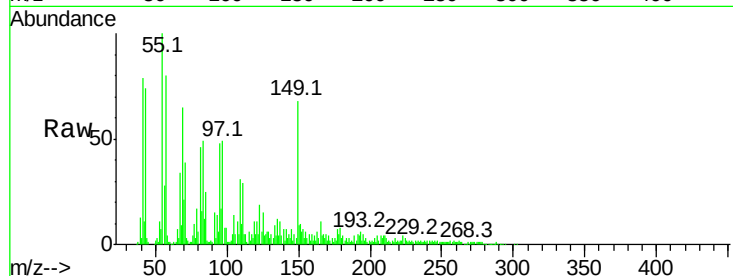
ClientSampleId :

WC-CARTERET

Tot Ion:	149	Resp:	139511
Ion Ratio	Lower	Upper	
149	100		
150	12.9	7.6	11.4#
104	7.1	3.8	5.6#

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#74

Fluoranthene

Concen: 11.95 ng

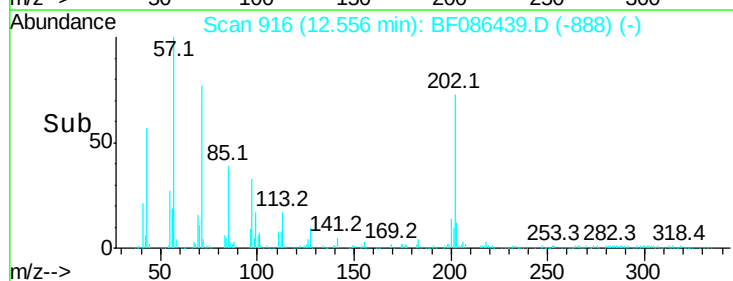
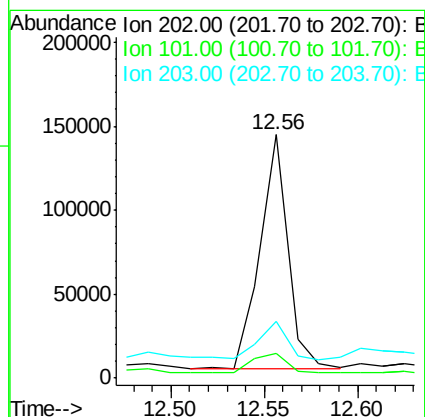
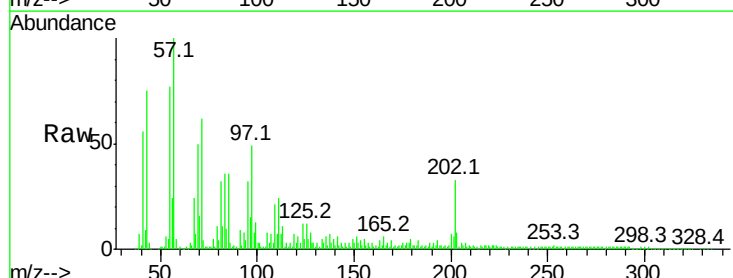
RT: 12.56 min Scan# 916

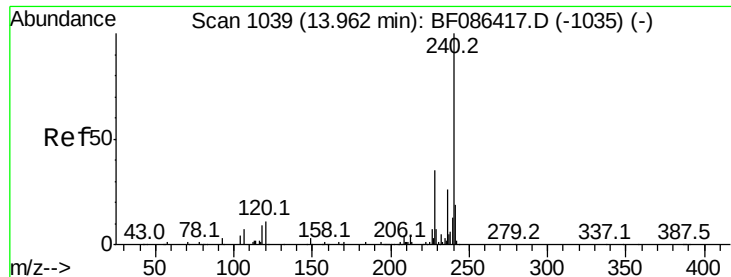
Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion:	202	Resp:	142565
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	35.4
203	23.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

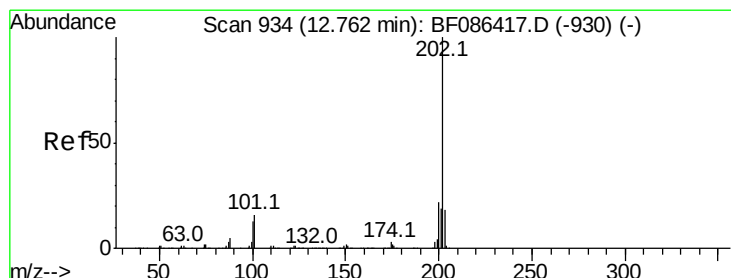
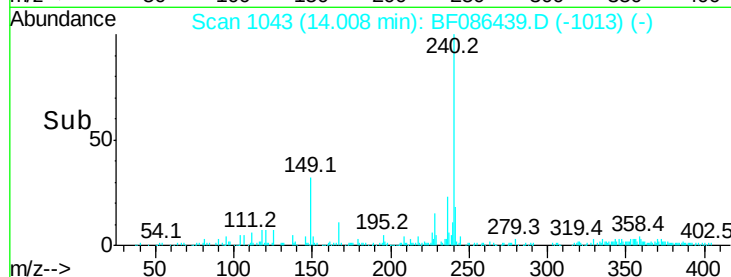
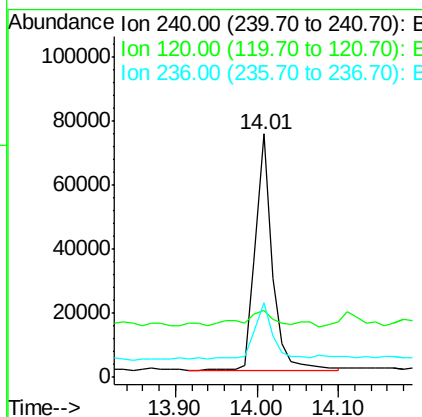
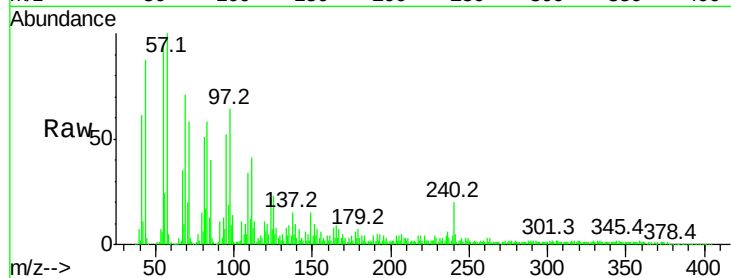
ClientSampleId :

WC-CARTERET

Tot Ion:	240	Resp:	107539
Ion Ratio	Lower	Upper	
240	100		
120	27.5	11.2	16.8#
236	30.6	21.2	31.8

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#77

Pyrene

Concen: 23.73 ng

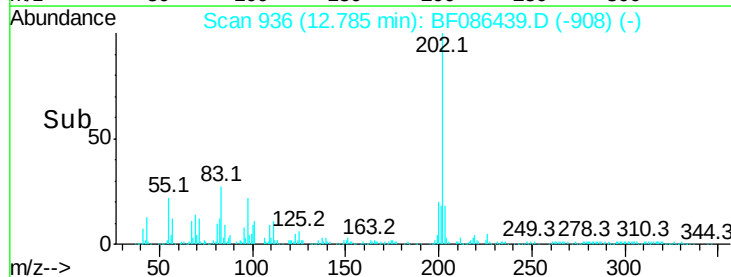
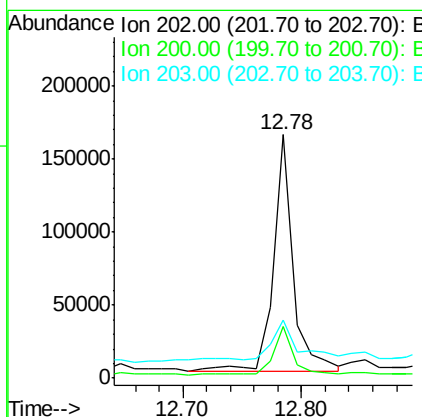
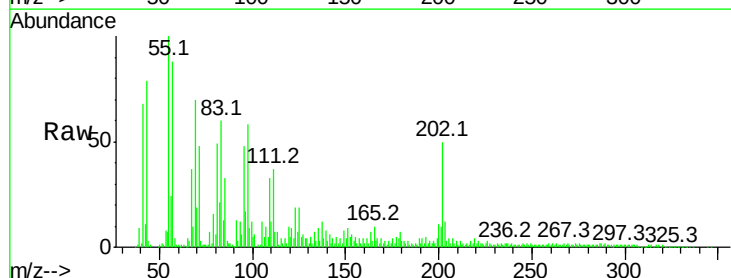
RT: 12.78 min Scan# 936

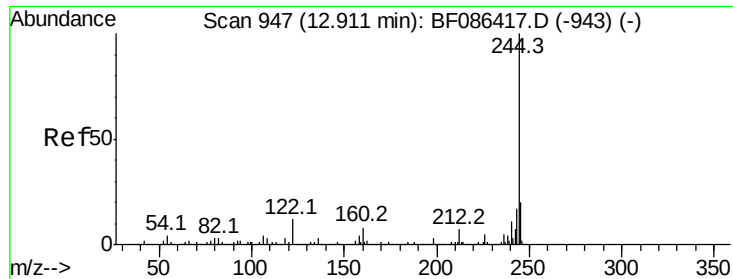
Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion:	202	Resp:	183875
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	23.9	14.2	21.4#





#78

Terphenyl-d14

Concen: 39.07 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

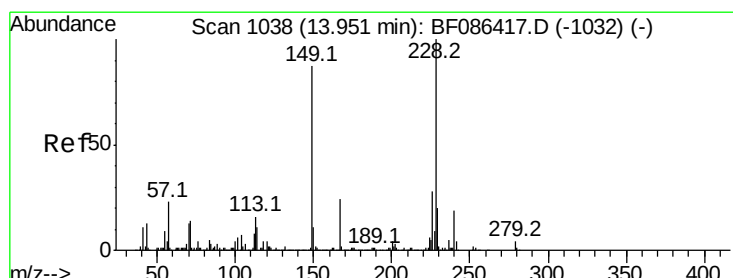
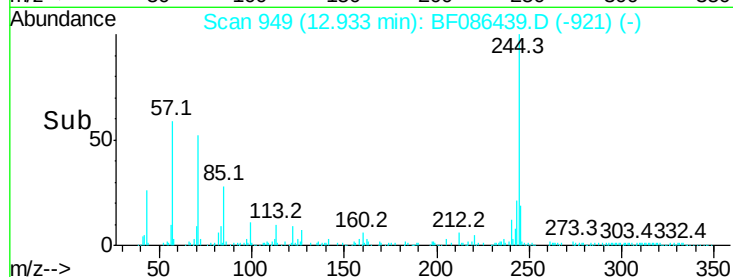
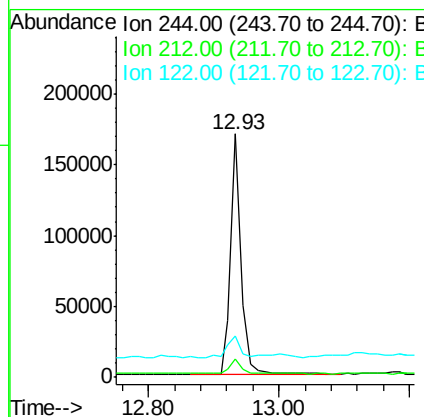
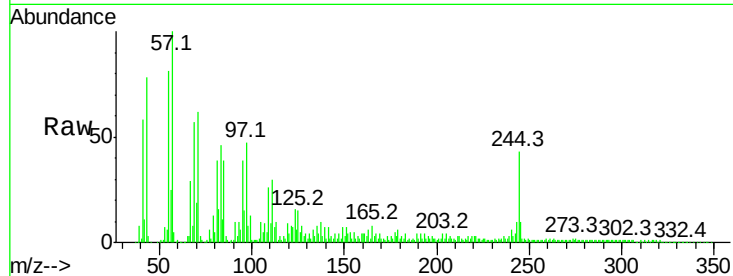
ClientSampleId :

WC-CARTERET

Tot Ion:	244	Resp:	190718
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	16.8	12.0	18.0

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#80

Benzo(a)anthracene

Concen: 4.20 ng m

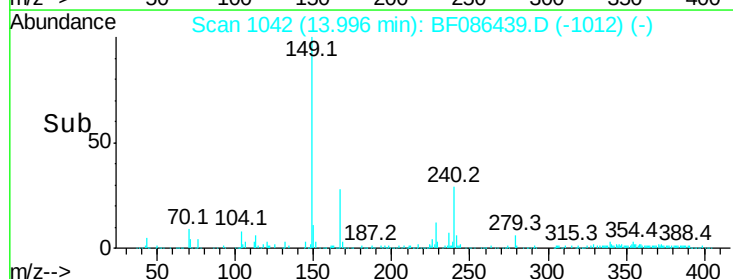
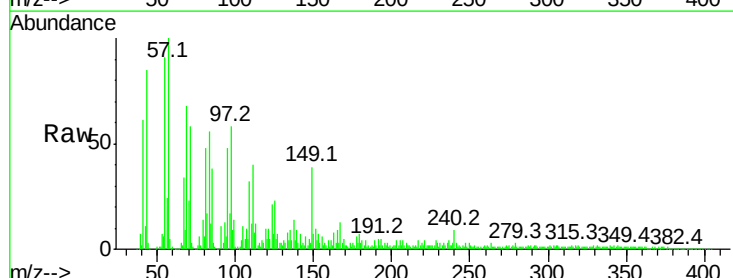
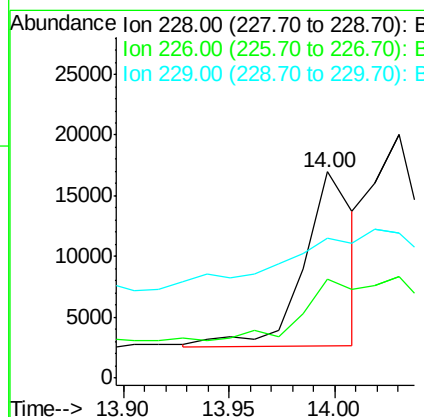
RT: 14.00 min Scan# 1042

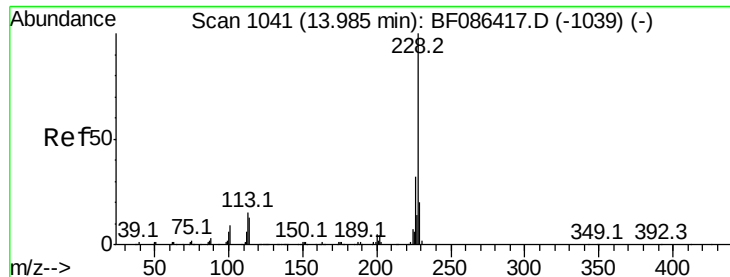
Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion:	228	Resp:	24108
Ion Ratio	Lower	Upper	
228	100		
226	48.1	22.5	33.7#
229	67.9	16.6	25.0#





#82

Chrysene

Concen: 5.08 ng/mL

RT: 14.03 min Scan# 1045

Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

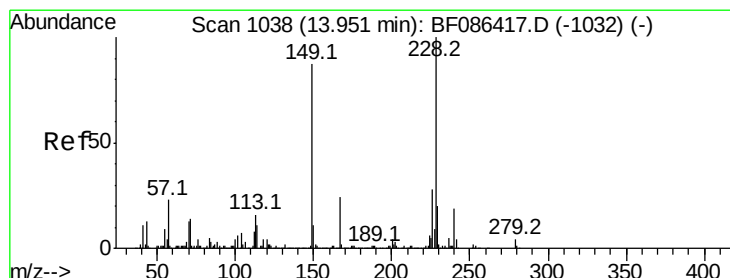
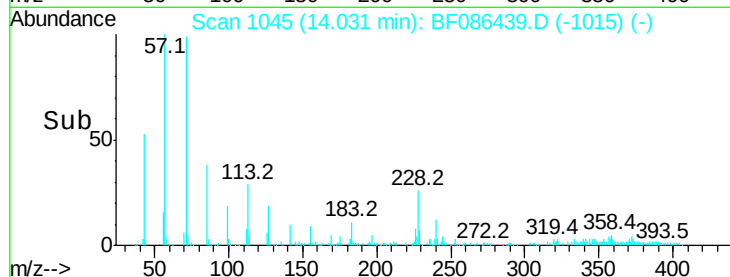
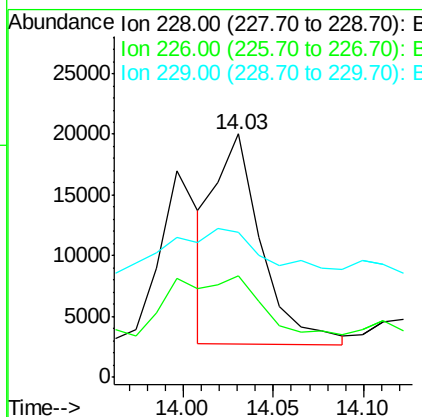
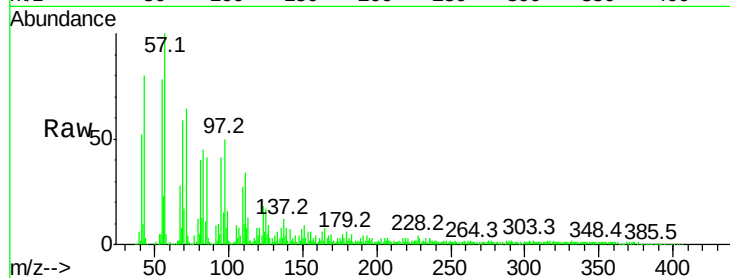
ClientSampled :

WC-CARTERET

Tot Ion:	228	Resp:	31674
Ion Ratio	Lower	Upper	
228	100		
226	41.9	24.4	36.6#
229	59.8	15.8	23.8#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.57 ng/mL

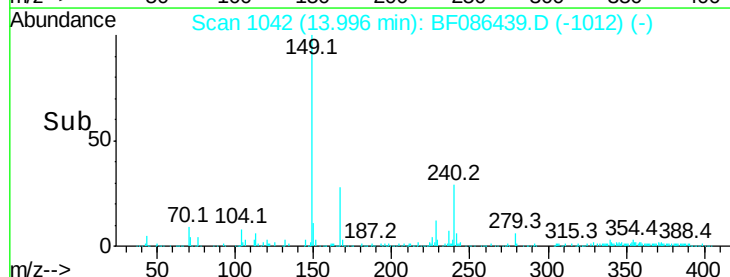
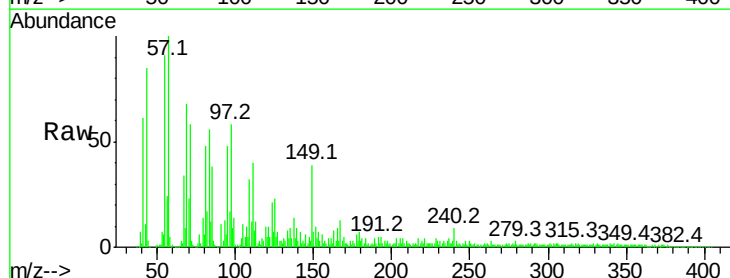
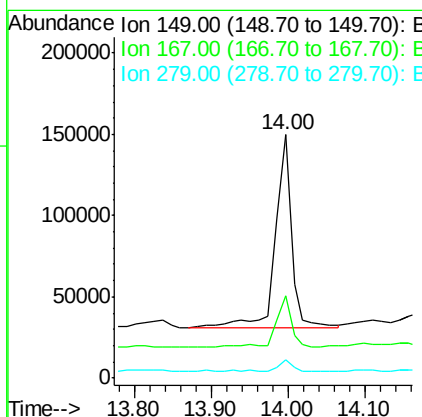
RT: 14.00 min Scan# 1042

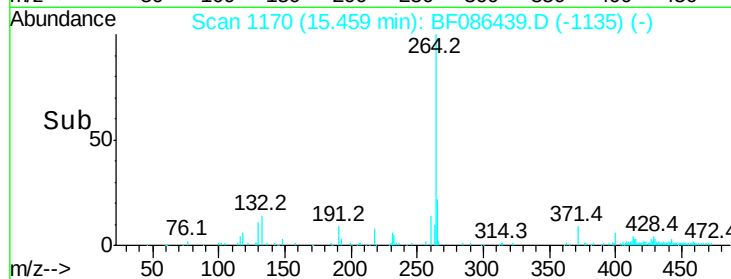
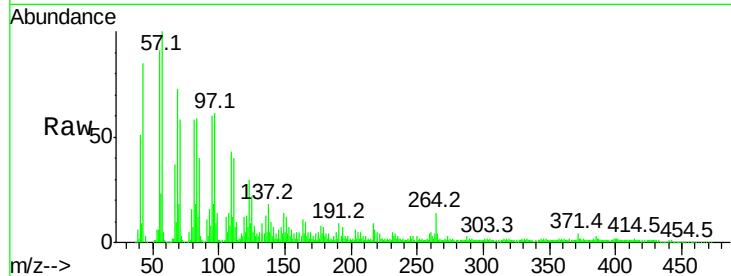
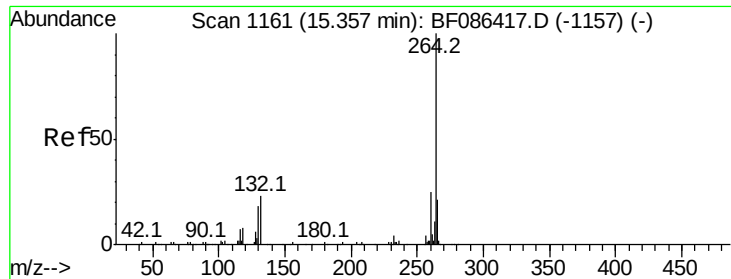
Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion:	149	Resp:	177333
Ion Ratio	Lower	Upper	
149	100		
167	33.9	21.8	32.6#
279	7.8	2.6	4.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.10 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

Tot Ion	Ratio	Lower	Upper
264	100		
260	31.6	19.5	29.3#
265	30.3	17.3	25.9#

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