

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086612.D
 Acq On : 2 May 2016 11:38
 Operator : UM/SJ
 Sample : H2723-02RE 2X
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERETRE

Manual Integrations
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Quant Time: May 02 16:46:18 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	6.76	152	121106	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	469929	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	167060	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	278094	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	143980	20.00	ng	0.00
86) Perylene-d12	15.40	264	134684	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	298743	42.55	ng	-0.04
7) Phenol-d6	6.40	99	429828	43.86	ng	-0.05
23) Nitrobenzene-d5	7.33	82	235120	26.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	73362	41.64	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	397242	34.63	ng	-0.05
78) Terphenyl-d14	12.89	244	248295	37.99	ng	-0.02
Target Compounds						
31) Naphthalene	8.08	128	70118	2.93	ng	# 80
37) 2-Methylnaphthalene	8.76	142	63110	4.47	ng	# 93
49) Dimethylphthalate	9.53	163	54110	4.30	ng	# 86
57) Fluorene	10.35	166	32454	2.81	ng	# 66
70) Phenanthrene	11.31	178	110995	7.61	ng	# 69
73) Di-n-butylphthalate	11.86	149	166555	10.65	ng	# 88
74) Fluoranthene	12.51	202	181059	12.29	ng	# 86
77) Pyrene	12.74	202	239434	23.08	ng	# 90
80) Benzo(a)anthracene	13.95	228	36849m	4.80	ng	
82) Chrysene	13.99	228	43809m	5.25	ng	
83) Bis(2-ethylhexyl)phthalate	13.95	149	236221	42.35	ng	# 87

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

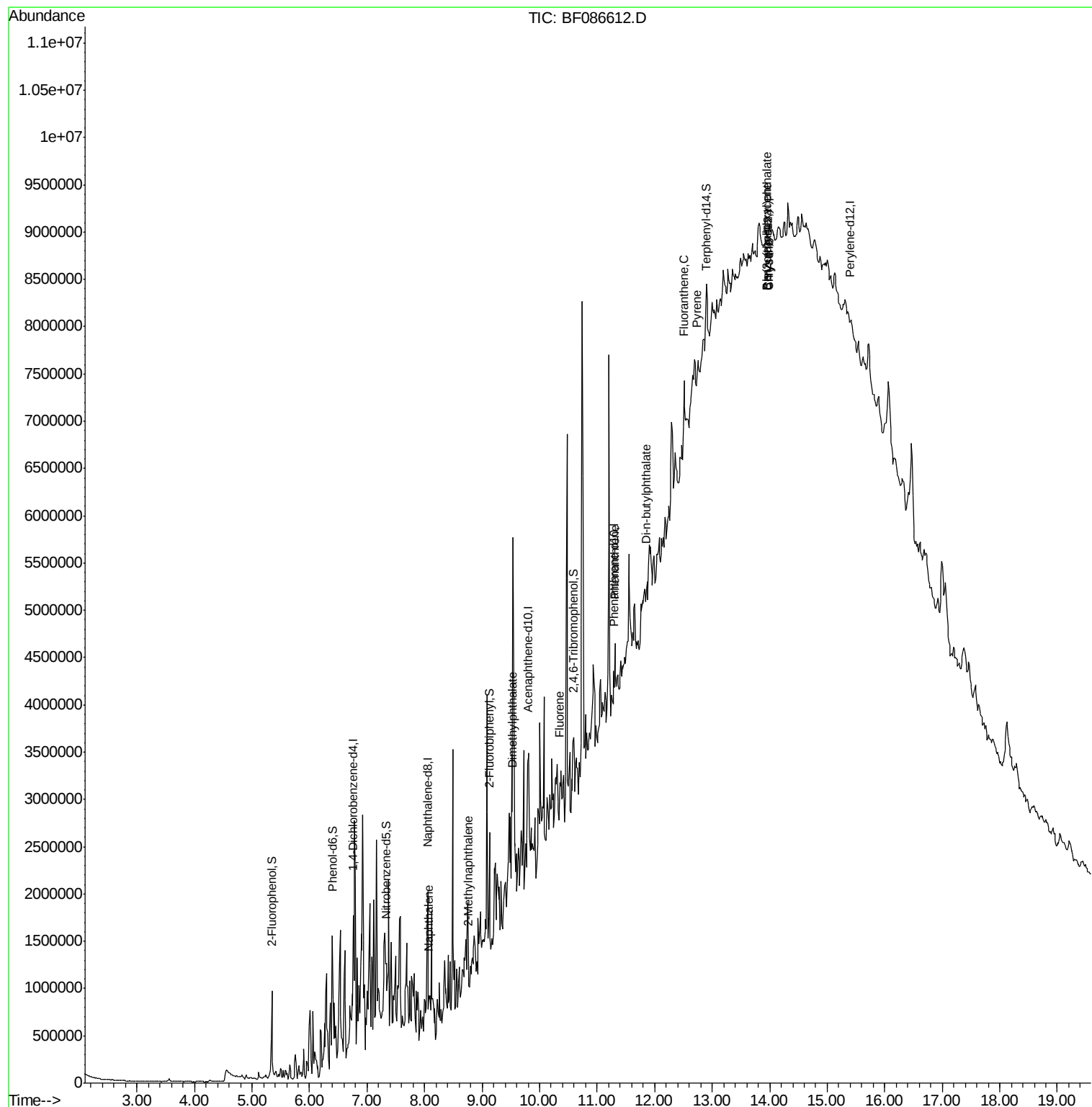
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086612.D
Acq On : 2 May 2016 11:38
Operator : UM/SJ
Sample : H2723-02RE 2X
Misc :
ALS Vial : 95 Sample Multiplier: 1

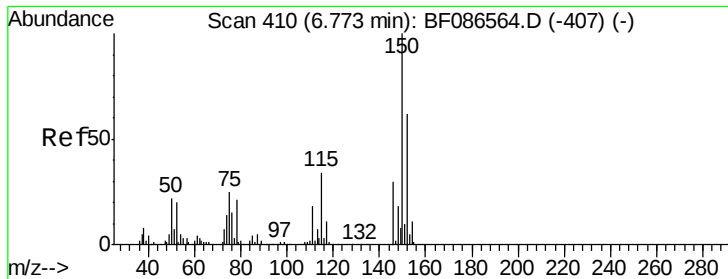
Instrument :
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ClientSampleId :
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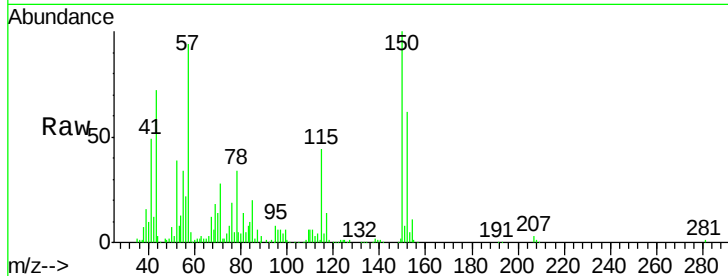




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

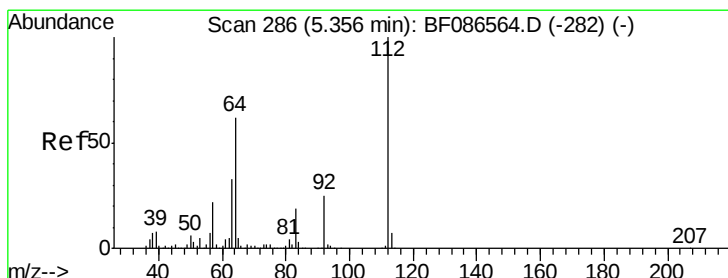
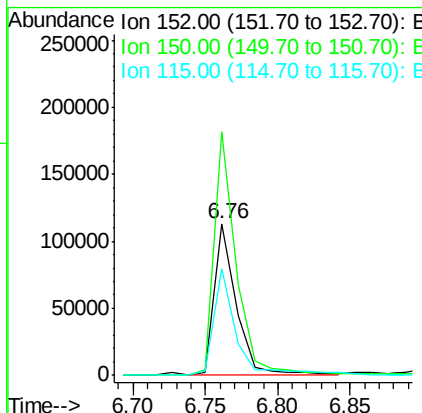
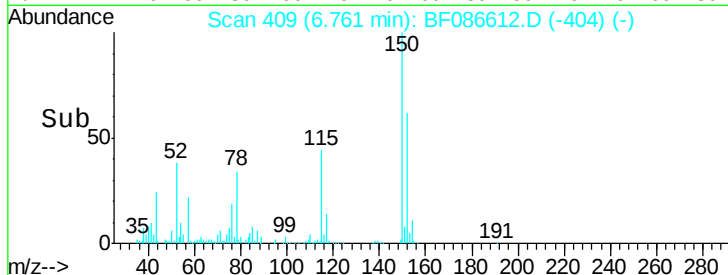
Instrument :
BNA_F
ClientSampleId :
WC-CARTERETRE



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	121106		
150	160.3	125.8	188.6	
115	70.5	51.5	77.3	

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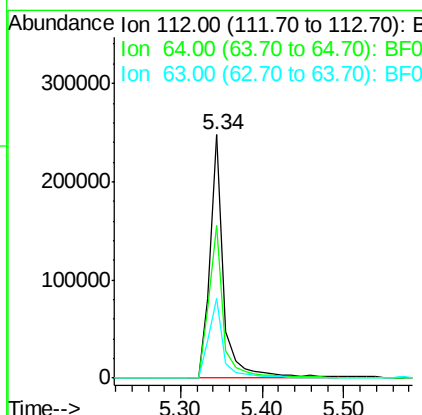
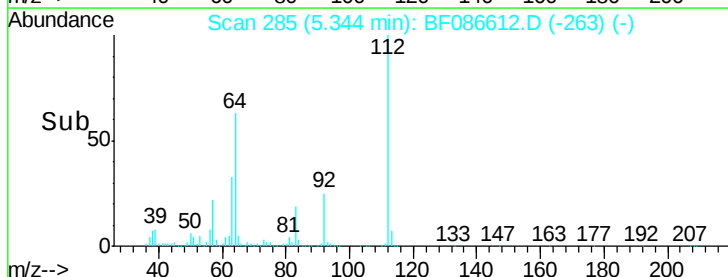
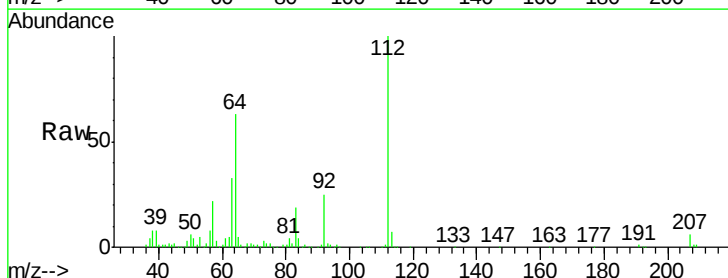
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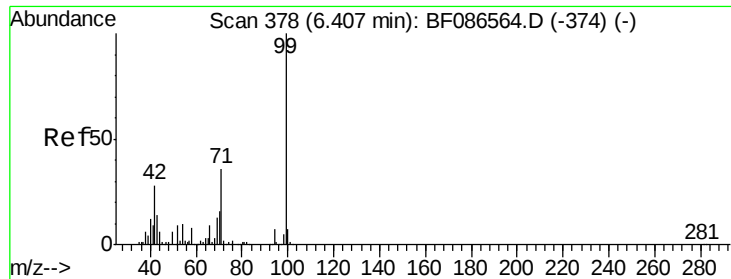


#5

2-Fluorophenol
Concen: 42.55 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	298743		
64	62.8	52.1	78.1	
63	33.0	25.7	38.5	





#7

Phenol-d6

Concen: 43.86 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086612.D

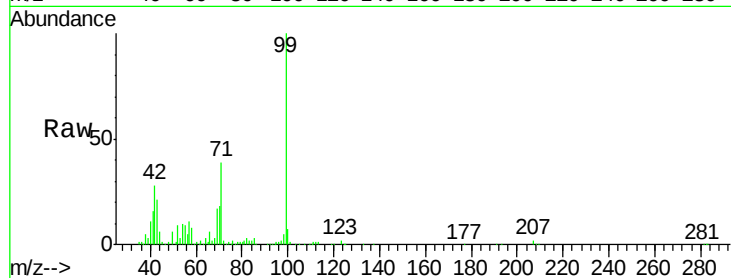
Acq: 2 May 2016 11:38

Instrument :

BNA_F

ClientSampleId :

WC-CARTERETRE



Tgt Ion: 99 Resp: 429828

Ion Ratio Lower Upper

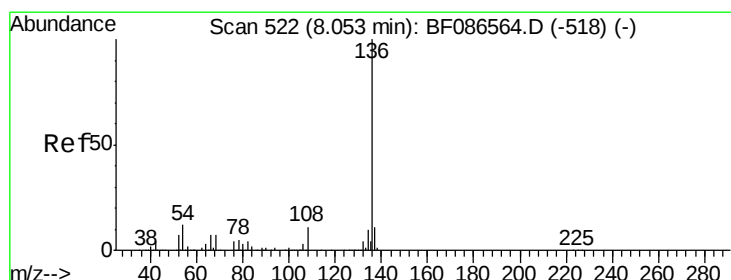
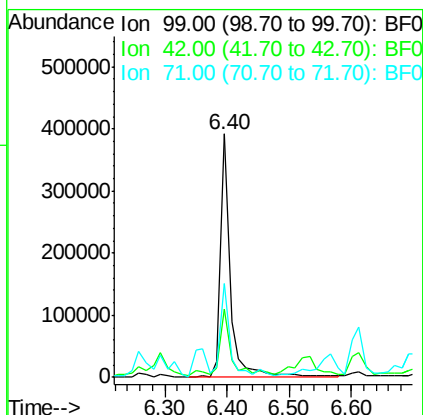
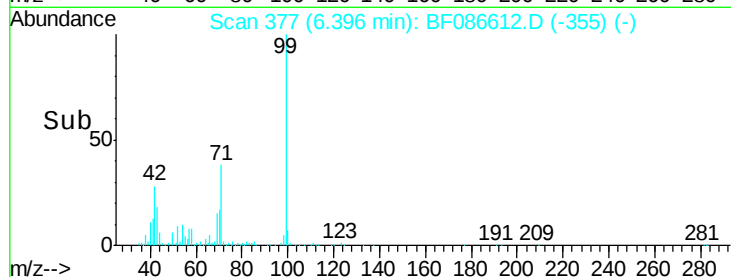
99 100

42 28.2 13.6 20.4#

71 38.8 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086612.D

Acq: 2 May 2016 11:38

Tgt Ion: 136 Resp: 469929

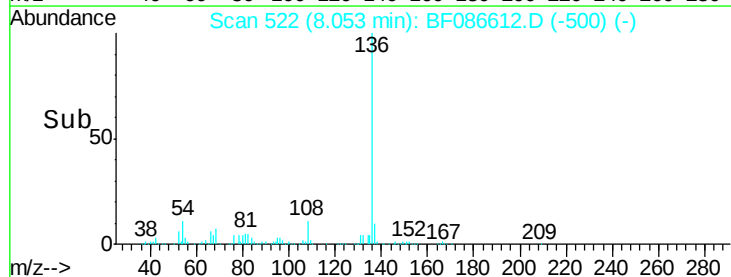
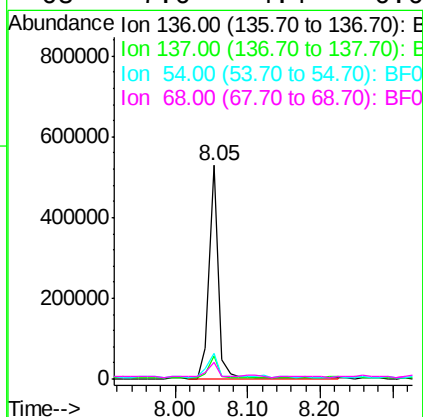
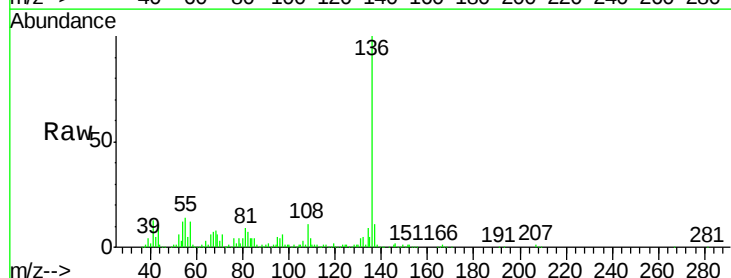
Ion Ratio Lower Upper

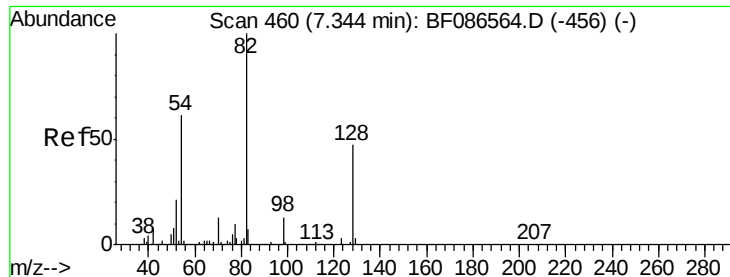
136 100

137 11.1 8.8 13.2

54 11.8 5.0 7.4#

68 7.6 4.4 6.6#





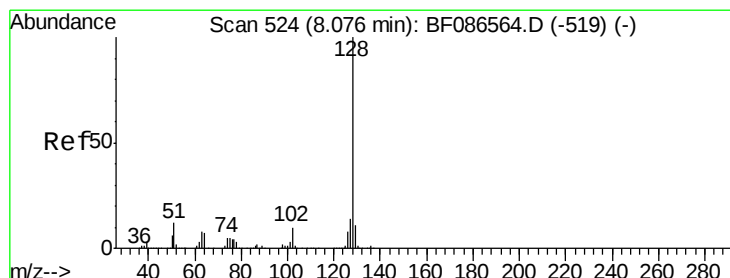
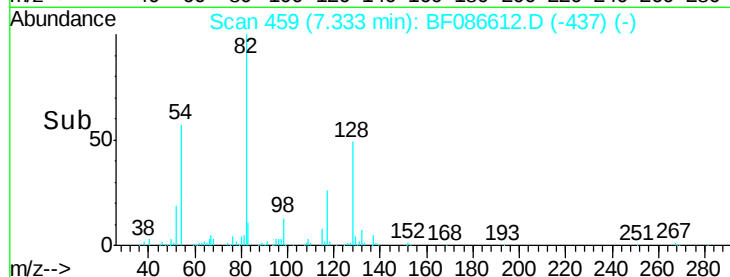
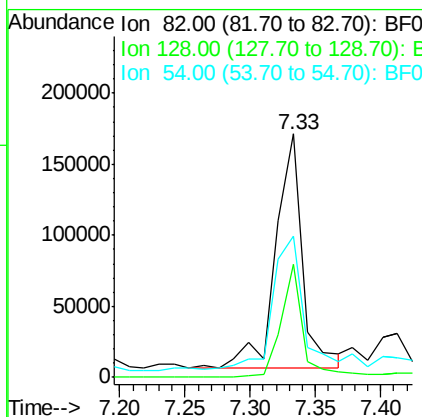
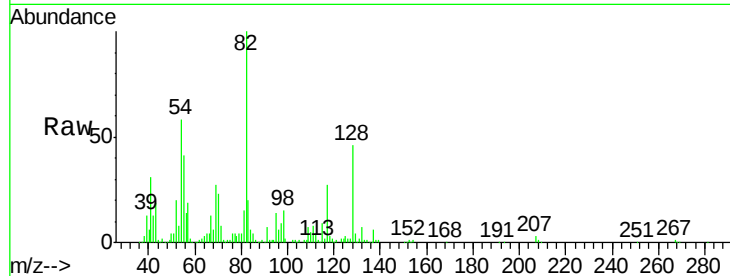
#23
Nitrobenzene-d5
Concen: 26.97 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Instrument :
BNA_F
ClientSampleId :
WC-CARTERETRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.2	40.6	61.0
54	57.8	38.1	57.1

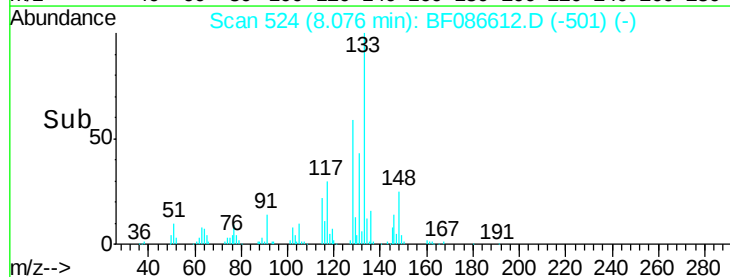
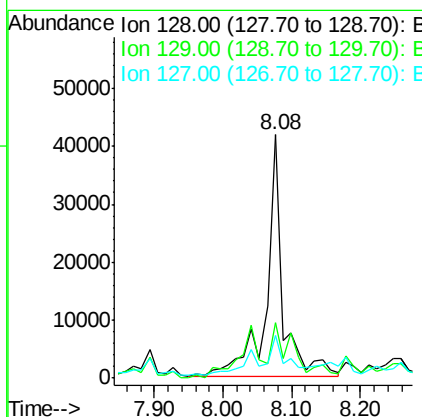
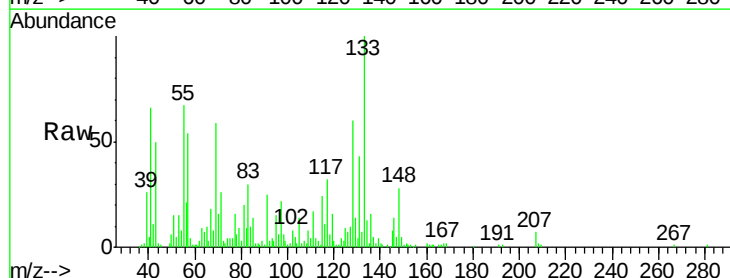
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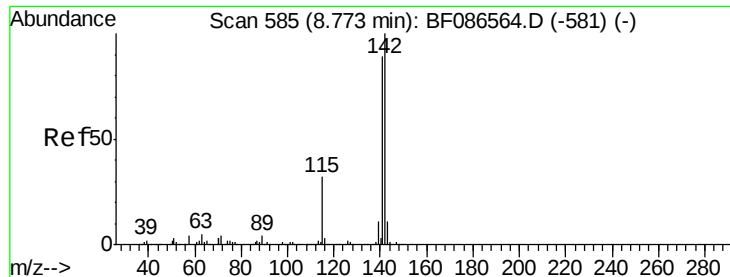
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#31
Naphthalene
Concen: 2.93 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	22.8	8.6	13.0
127	17.5	10.8	16.2





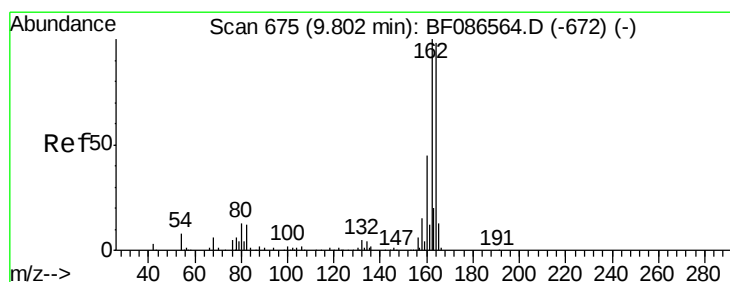
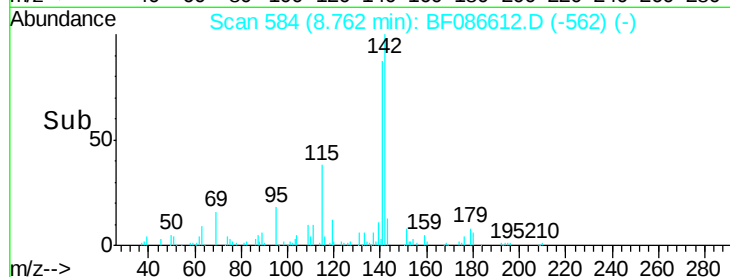
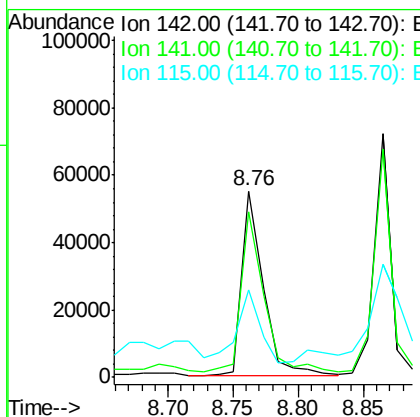
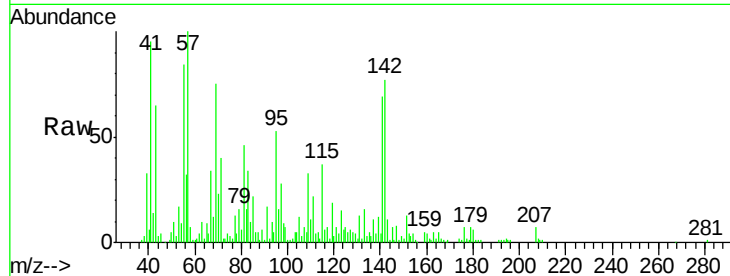
#37
2-Methylnaphthalene
Concen: 4.47 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Instrument :
BNA_F
ClientSampleId :
WC-CARTERETRE

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	47.2	26.6	39.8

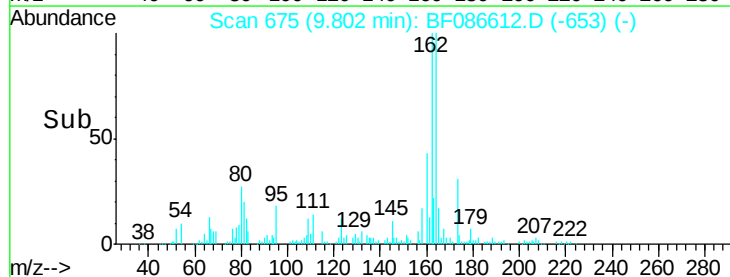
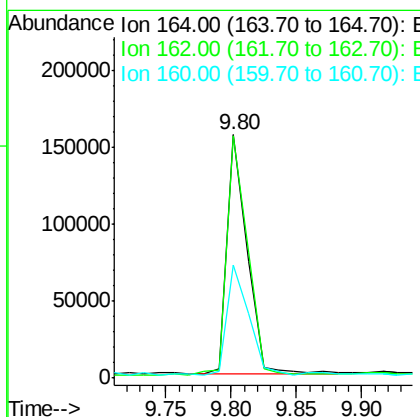
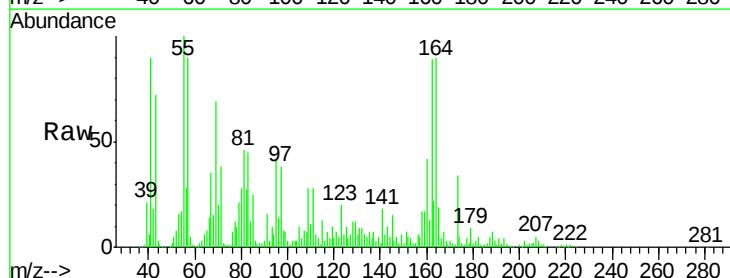
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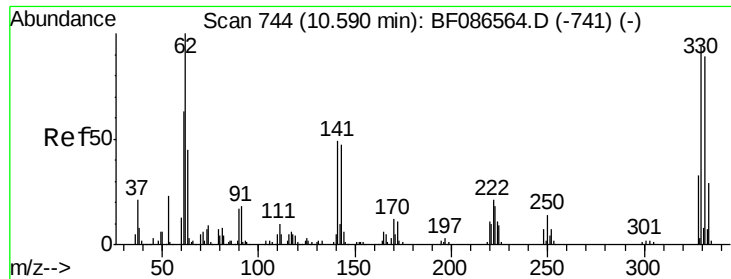
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.8	124.2
160	46.6	36.9	55.3





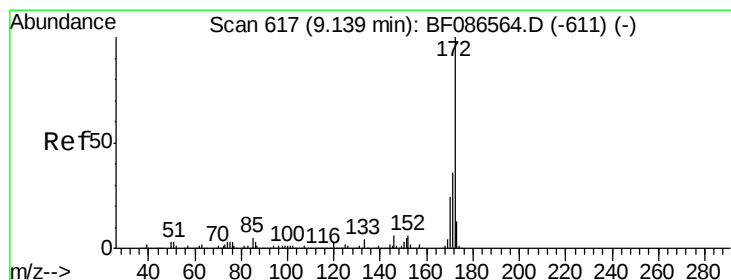
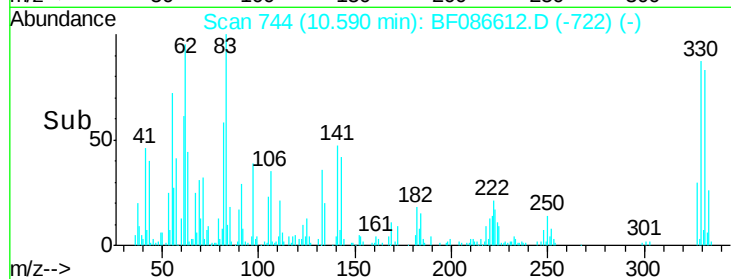
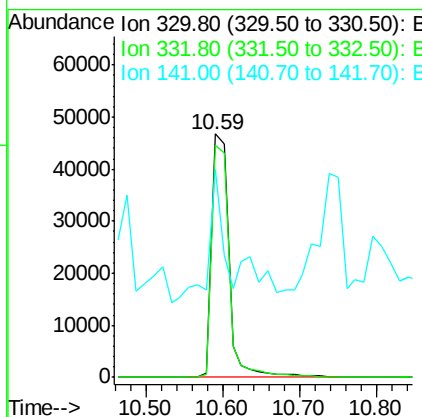
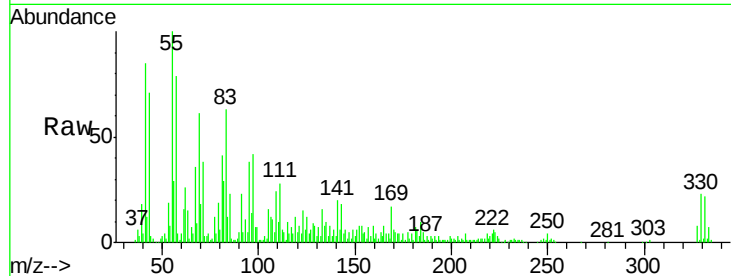
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 2,4,6-Tribromophenol
 Concen: 41.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086612.D
 Acq: 2 May 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERETRE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	73362		
332	95.8	79.0	118.4	
141	37.3	31.2	46.8	

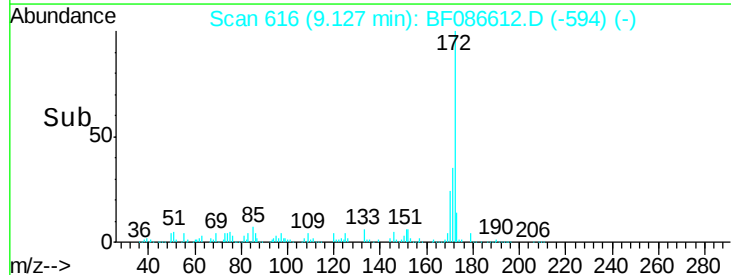
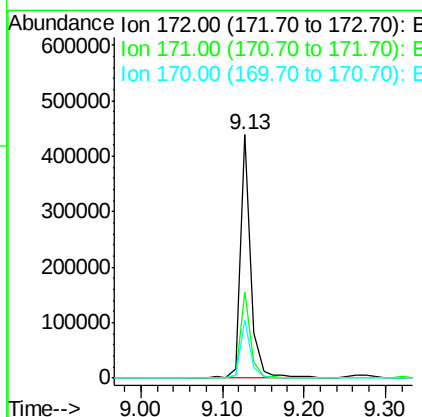
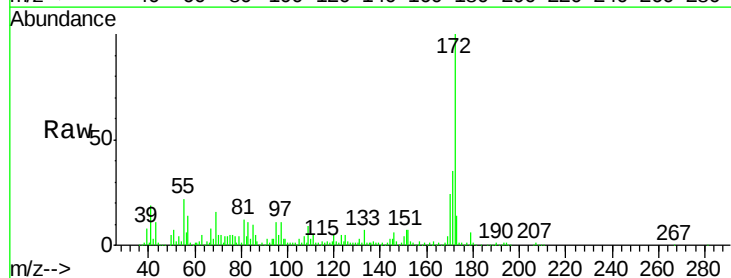
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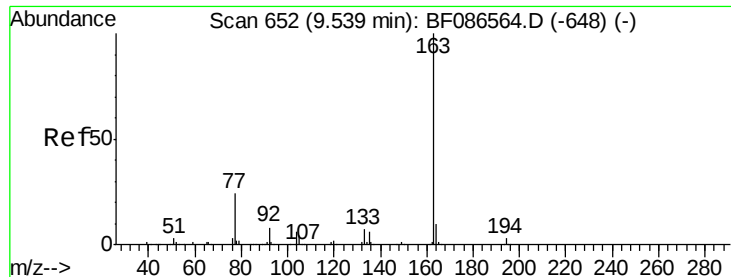
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#44
 2-Fluorobiphenyl
 Concen: 34.63 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086612.D
 Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	397242		
171	35.5	29.0	43.6	
170	23.6	19.8	29.8	





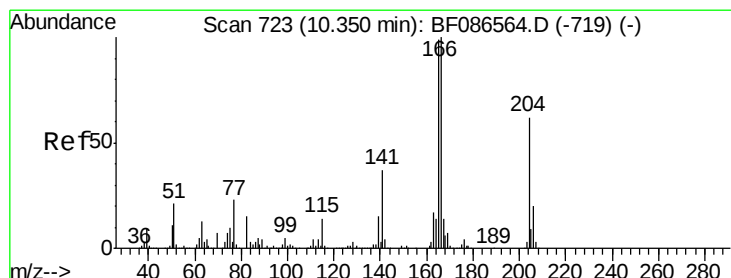
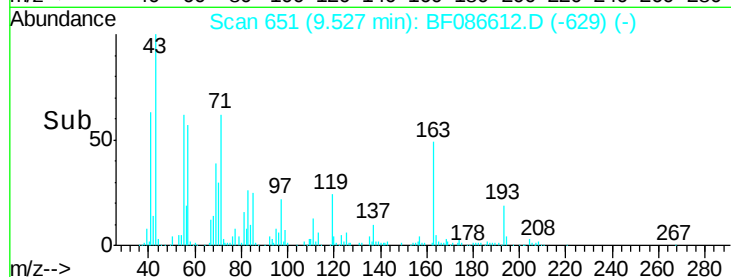
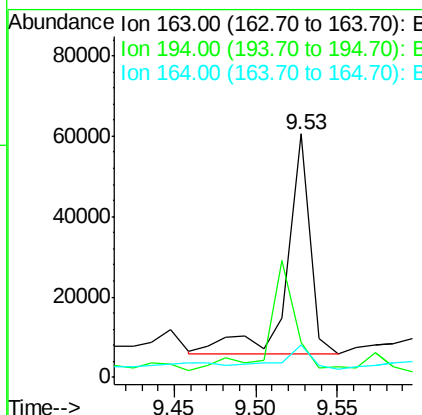
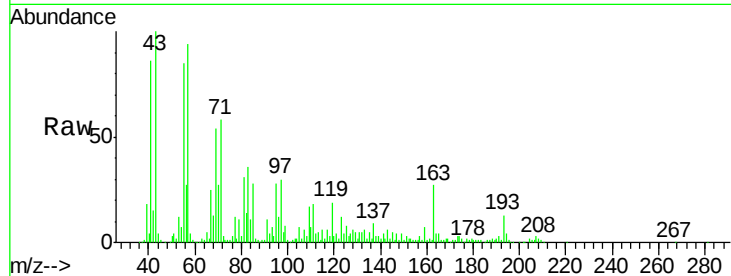
#49
Dimethylphthalate
Concen: 4.30 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Instrument :
BNA_F
ClientSampleId :
WC-CARTERETRE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	54110		
194	14.3	2.6	4.0#	
164	13.2	8.2	12.4#	

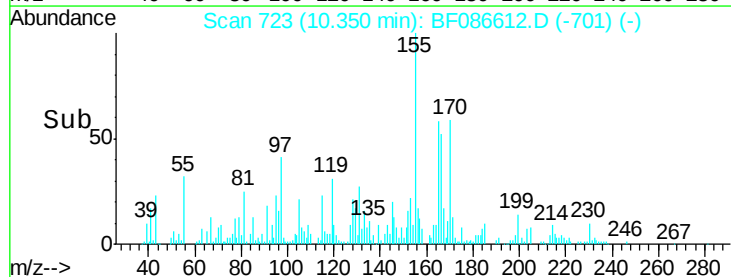
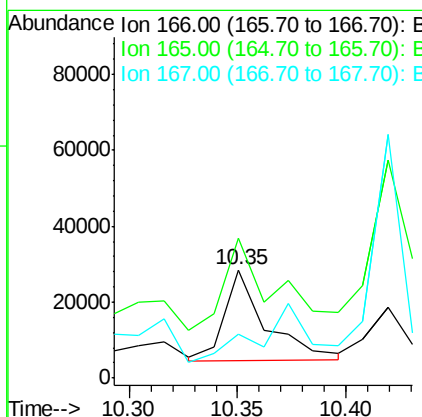
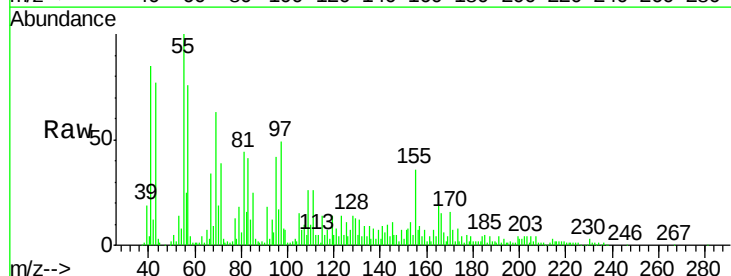
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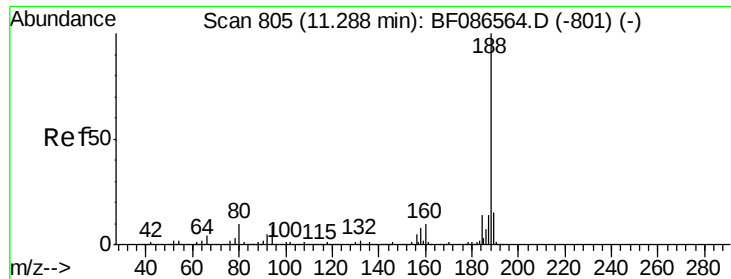
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#57
Fluorene
Concen: 2.81 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	32454		
165	128.6	79.0	118.6#	
167	40.0	10.6	15.8#	





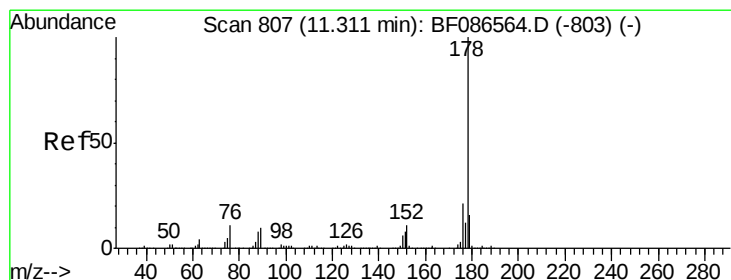
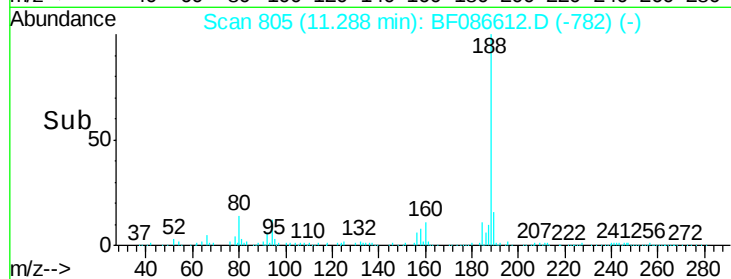
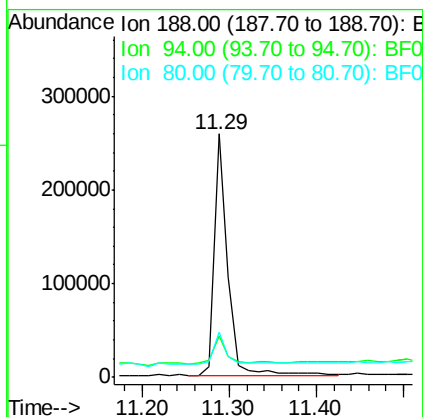
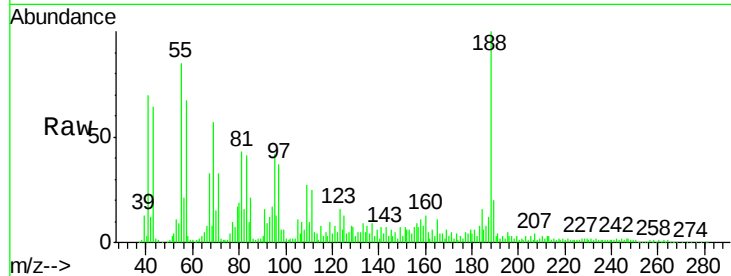
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Instrument :
BNA_F
ClientSampleId :
WC-CARTERETRE

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	17.1	6.8	10.2#
80	18.7	7.1	10.7#

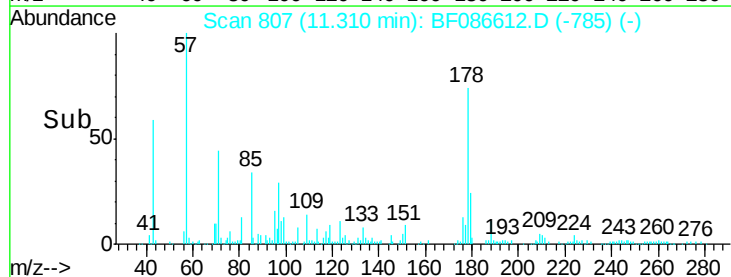
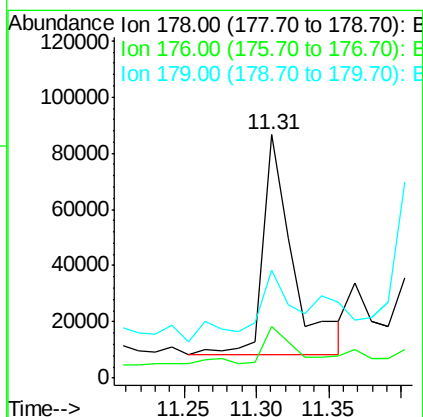
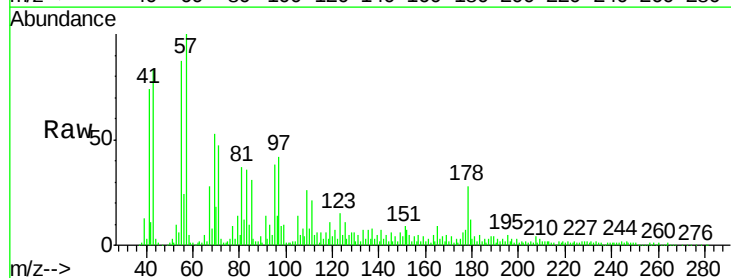
Manual Integrations
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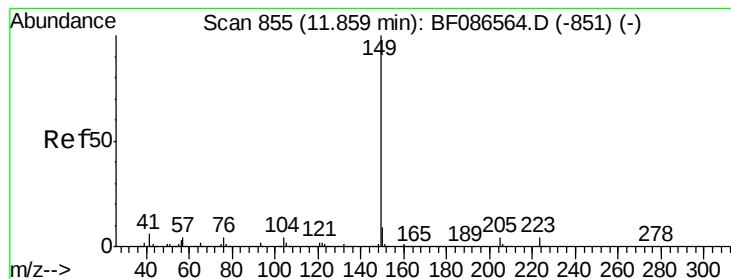
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#70
Phenanthrene
Concen: 7.61 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	21.3	16.0	24.0
179	44.1	12.6	18.8#





#73

Di-n-butylphthalate

Concen: 10.65 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086612.D

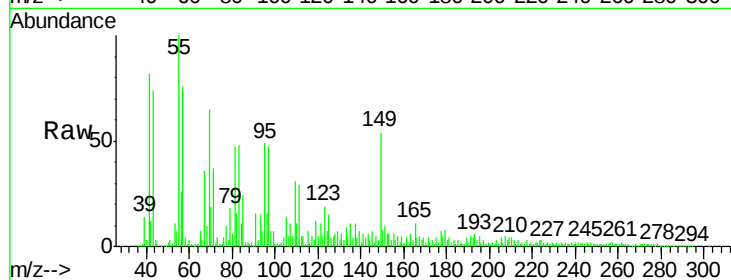
Acq: 2 May 2016 11:38

Instrument :

BNA_F

ClientSampleId :

WC-CARTERETRE



Tgt Ion:149 Resp: 166555

Ion Ratio Lower Upper

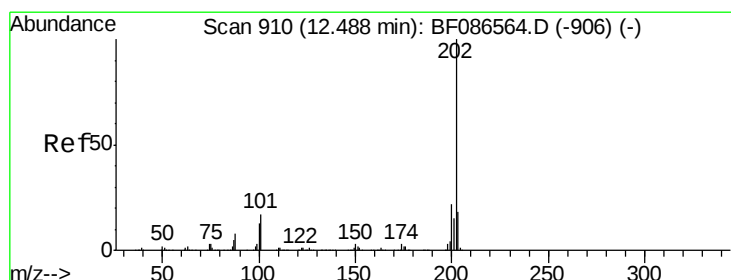
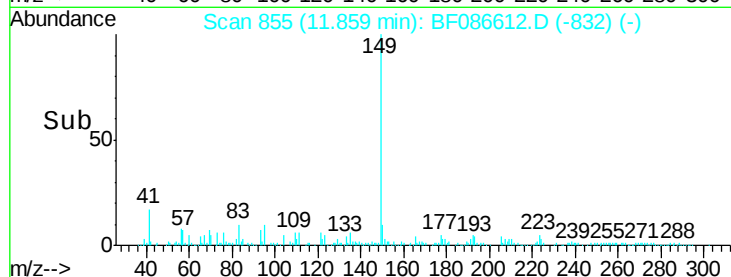
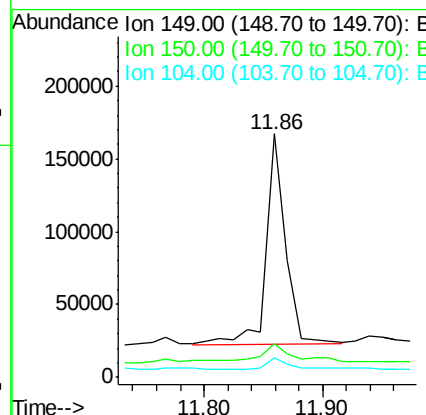
149 100

150 14.1 7.6 11.4#

104 8.1 3.8 5.6#

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#74

Fluoranthene

Concen: 12.29 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF086612.D

Acq: 2 May 2016 11:38

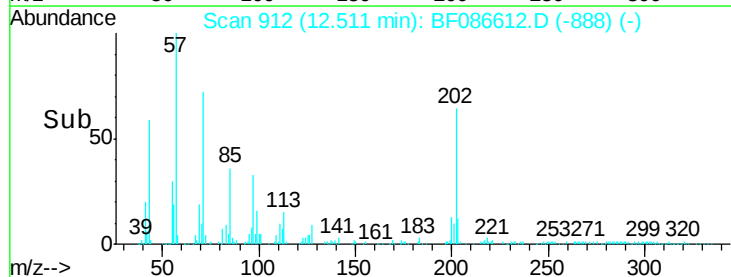
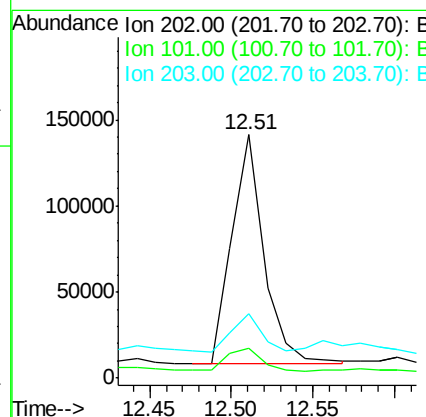
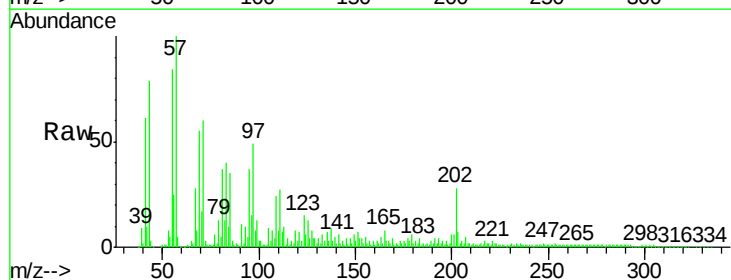
Tgt Ion:202 Resp: 181059

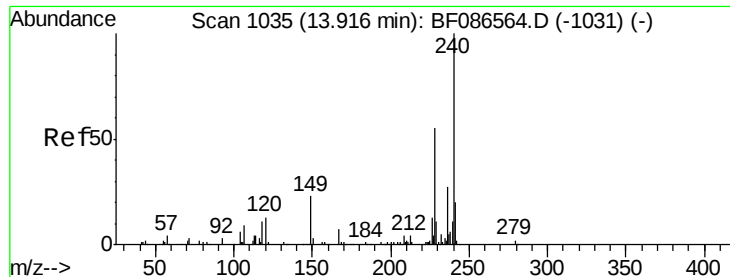
Ion Ratio Lower Upper

202 100

101 12.1 0.0 35.4

203 26.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086612.D

Acq: 2 May 2016 11:38

Instrument :

BNA_F

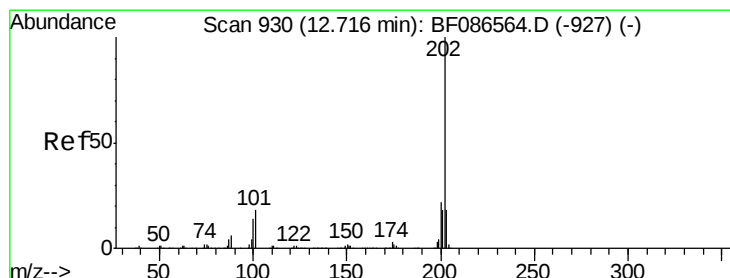
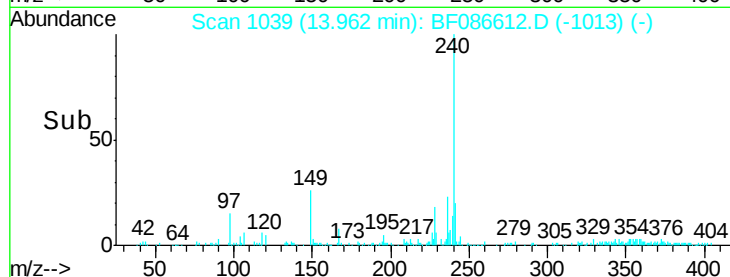
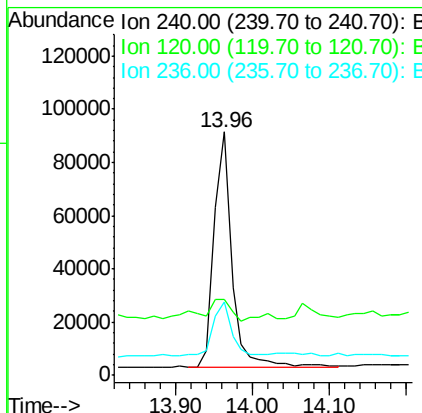
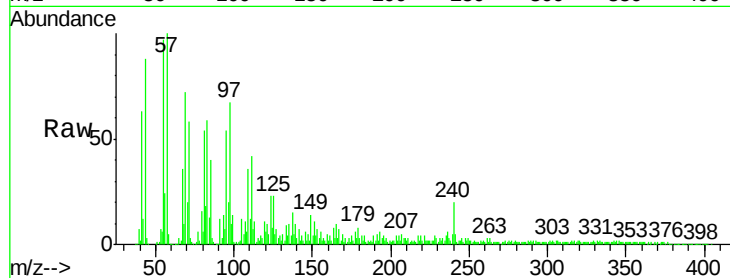
ClientSampleId :

WC-CARTERETRE

Tgt Ion:	240	Resp:	143980
Ion Ratio	Lower	Upper	
240	100		
120	30.9	11.2	16.8#
236	30.3	21.2	31.8

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#77

Pyrene

Concen: 23.08 ng

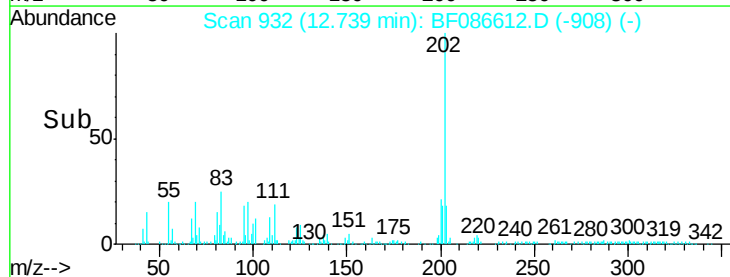
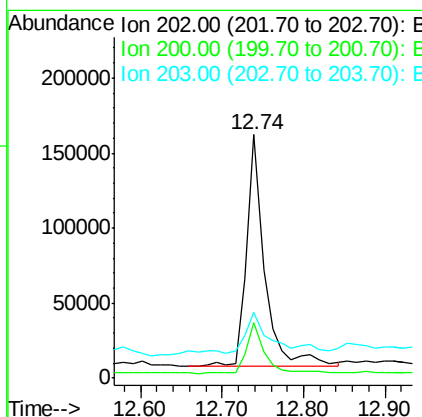
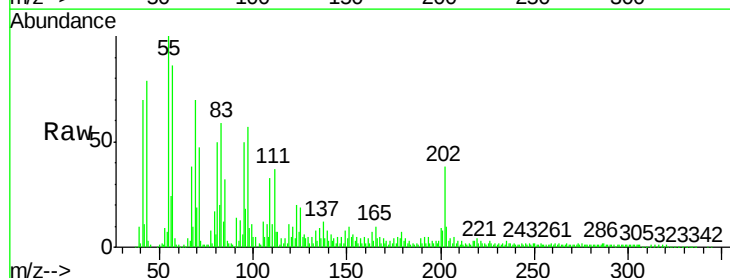
RT: 12.74 min Scan# 932

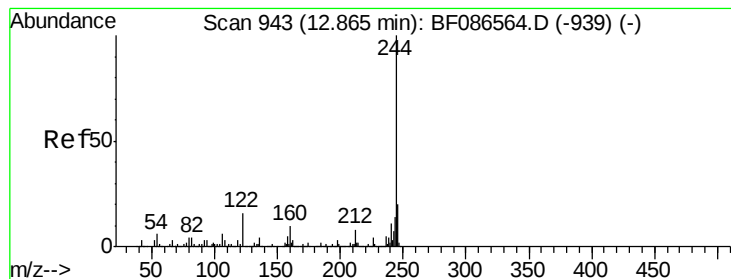
Delta R.T. -0.02 min

Lab File: BF086612.D

Acq: 2 May 2016 11:38

Tgt Ion:	202	Resp:	239434
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	27.0	14.2	21.4#





#78

Terphenyl-d14

Concen: 37.99 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086612.D

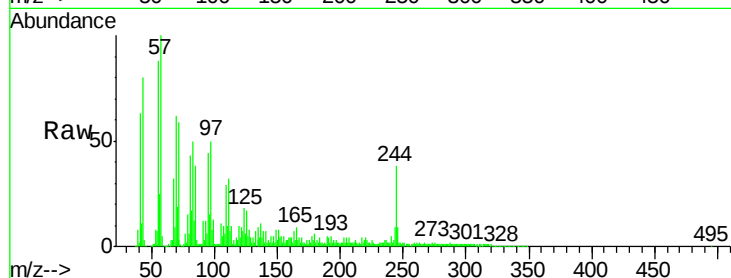
Acq: 2 May 2016 11:38

Instrument :

BNA_F

ClientSampleId :

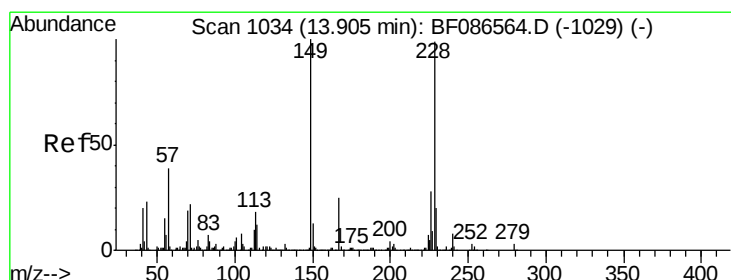
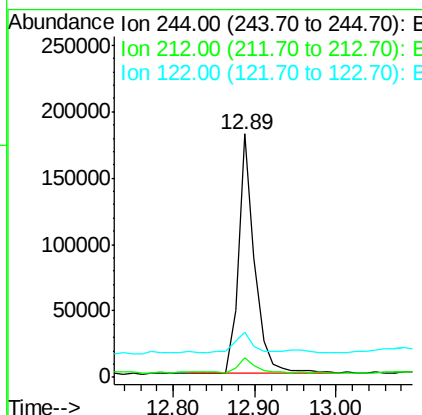
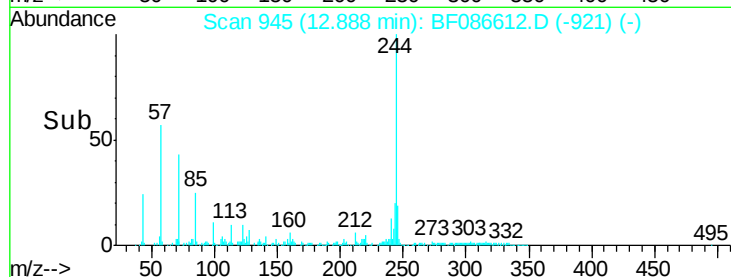
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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	248295		
212	8.0	6.2	9.2	
122	18.8	12.0	18.0#	

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#80

Benzo(a)anthracene

Concen: 4.80 ng m

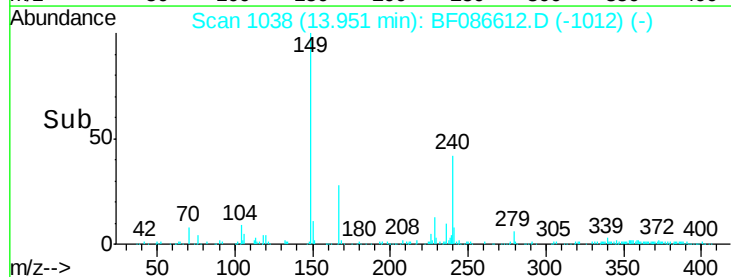
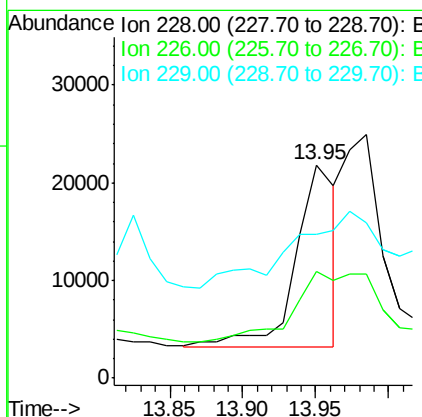
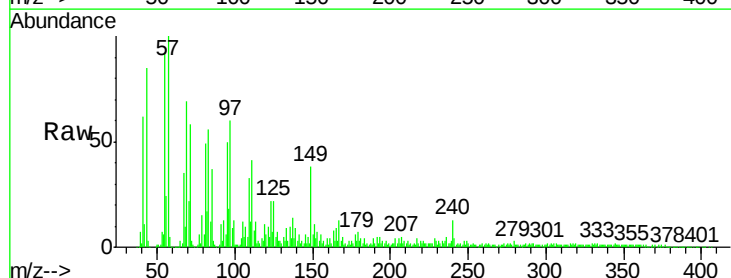
RT: 13.95 min Scan# 1038

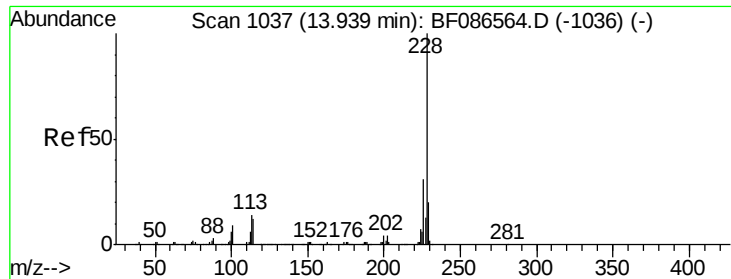
Delta R.T. 0.00 min

Lab File: BF086612.D

Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	36849		
226	49.7	22.5	33.7#	
229	67.4	16.6	25.0#	





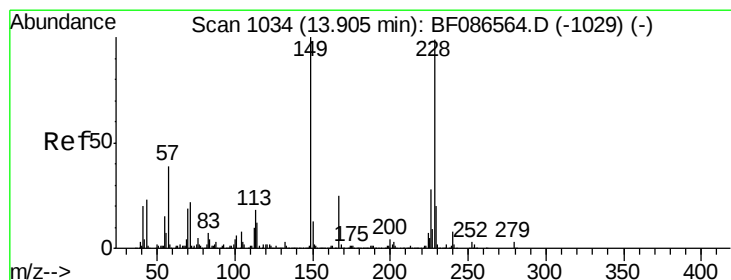
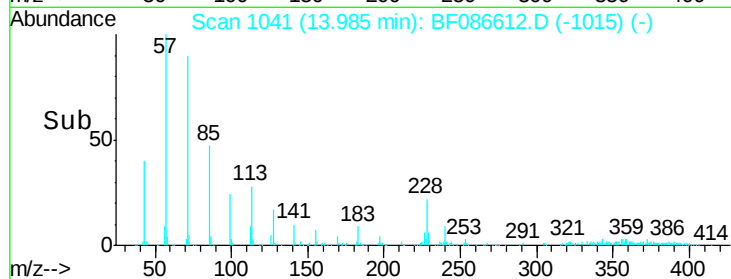
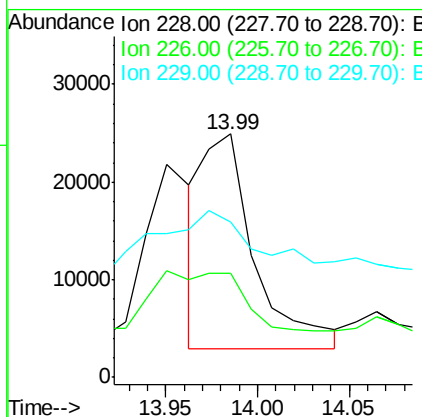
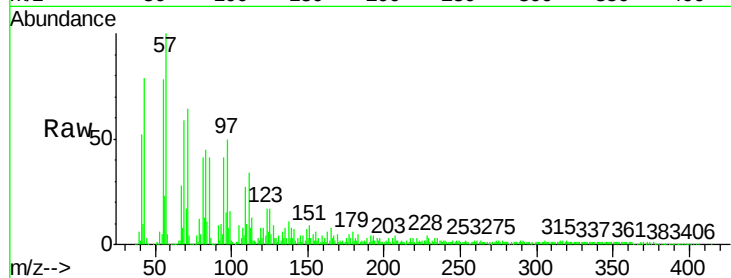
#82
Chrysene
Concen: 5.25 ng m
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Instrument :
BNA_F
ClientSampleId :
WC-CARTERETRE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.8	24.4	36.6#
229	63.6	15.8	23.8#

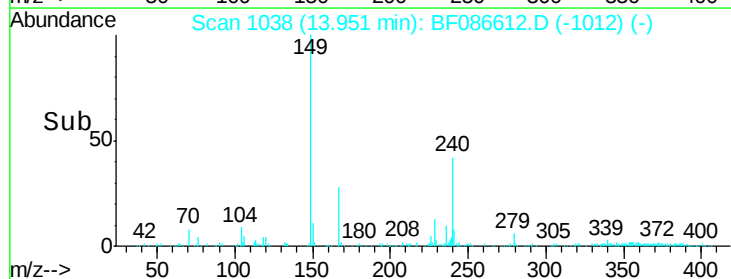
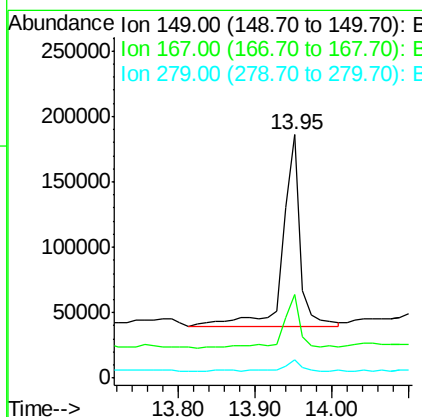
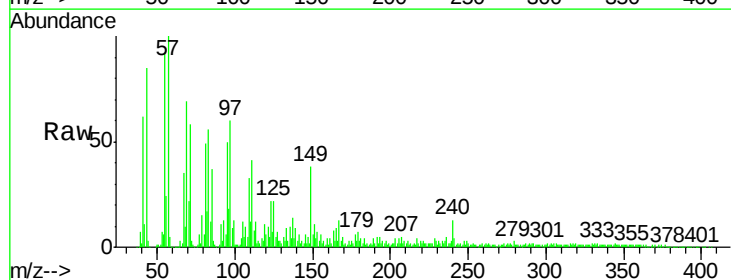
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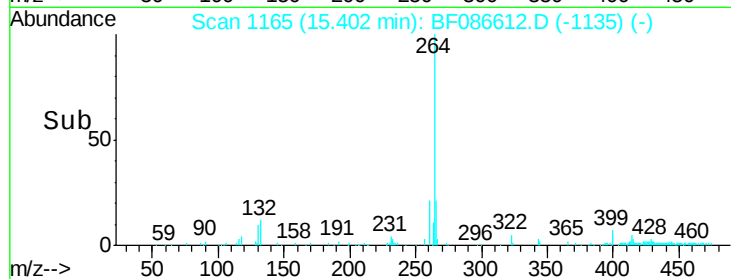
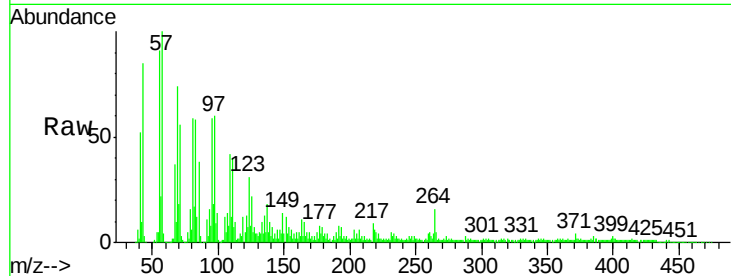
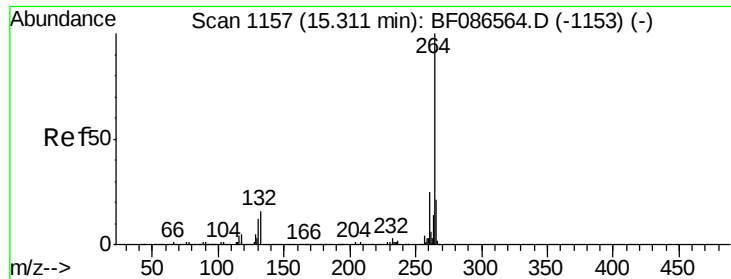
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#83
Bis(2-ethylhexyl)phthalate
Concen: 42.35 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086612.D
Acq: 2 May 2016 11:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.2	21.8	32.6#
279	7.7	2.6	4.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.05 min

Lab File: BF086612.D

Acq: 2 May 2016 11:38

Instrument :

BNA_F

ClientSampleId :

WC-CARTERETRE

Tgt Ion: 264 Resp: 134684

Ion Ratio Lower Upper

264 100

260 31.3 19.5 29.3#

265 29.3 17.3 25.9#

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