

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082317.D
 Acq On : 15 Oct 2015 19:00
 Operator : UM/IZ
 Sample : G4016-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-2

Manual Integrations
 APPROVED

MMdadoda
 10/16/2015 4:16:01 PM

Quant Time: Oct 16 02:54:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91695	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	352612	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	171029	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	285035	20.00	ng	0.00
75) Chrysene-d12	14.04	240	205675	20.00	ng	-0.06
86) Perylene-d12	15.56	264	193431	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	477015	104.99	ng	0.01
7) Phenol-d6	6.47	99	570449	96.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	375702	71.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	131051	81.71	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	800352	77.61	ng	0.00
78) Terphenyl-d14	12.96	244	604941	77.94	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	153213	12.72	ng	99
70) Phenanthrene	11.38	178	102474	7.33	ng	98
74) Fluoranthene	12.58	202	93995	6.26	ng	98
77) Pyrene	12.81	202	69481	5.69	ng	97
80) Benzo(a)anthracene	14.04	228	40204	3.76	ng	# 86
82) Chrysene	14.07	228	33084m	2.93	ng	
87) Benzo(b)fluoranthene	15.13	252	36833m	3.13	ng	

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

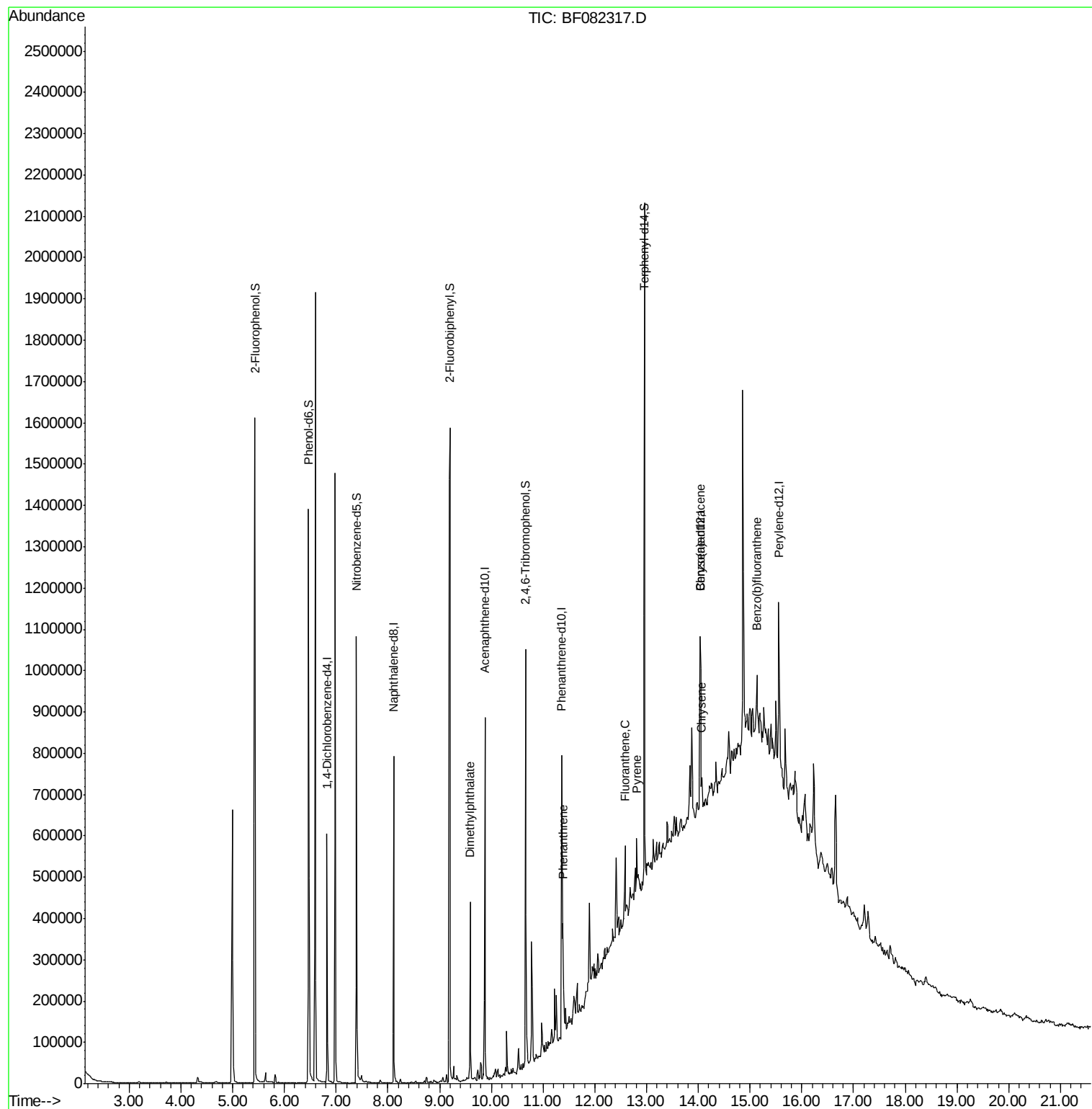
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082317.D
Acq On : 15 Oct 2015 19:00
Operator : UM/IZ
Sample : G4016-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

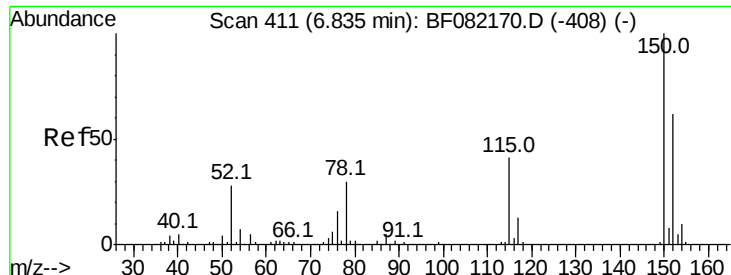
Instrument :
BNA_F
ClientSampleId :
CS-2

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration





#1

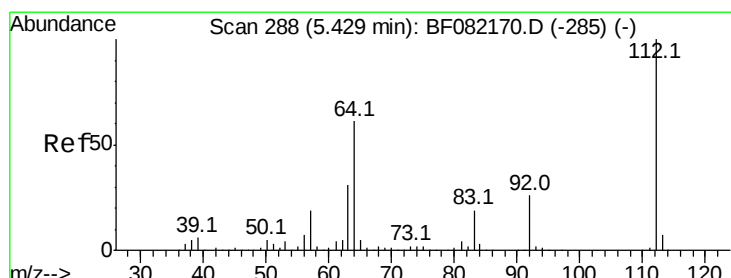
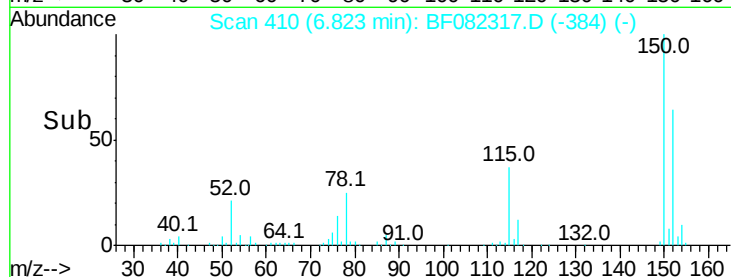
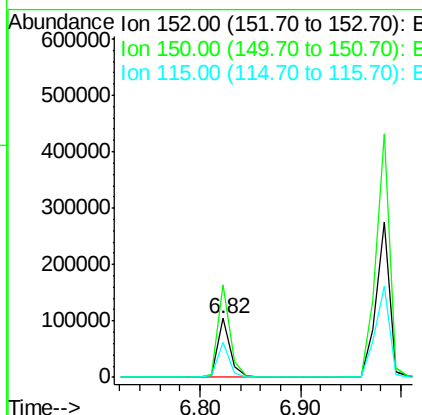
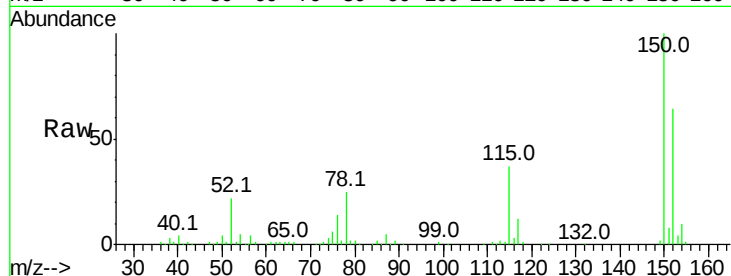
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Instrument :
BNA_F
ClientSampleId :
CS-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.0	193.4
115	58.4	52.1	78.1

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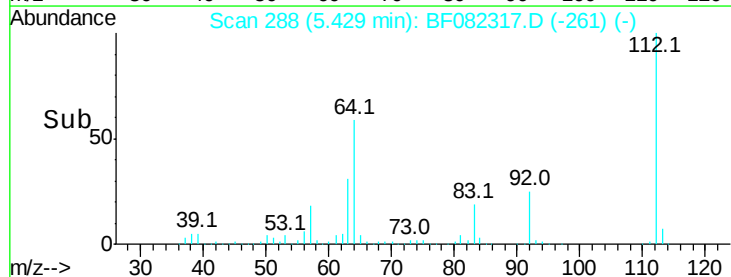
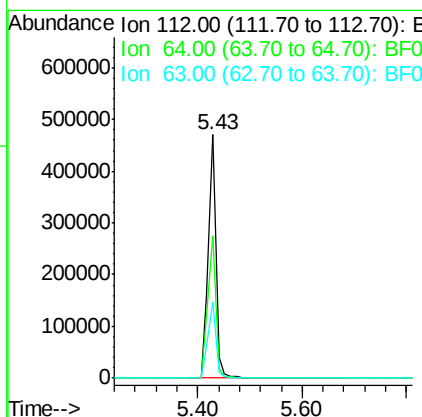
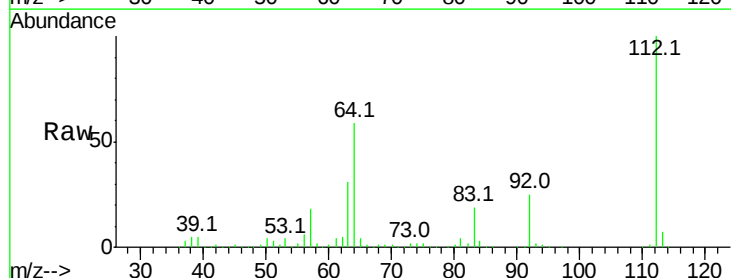
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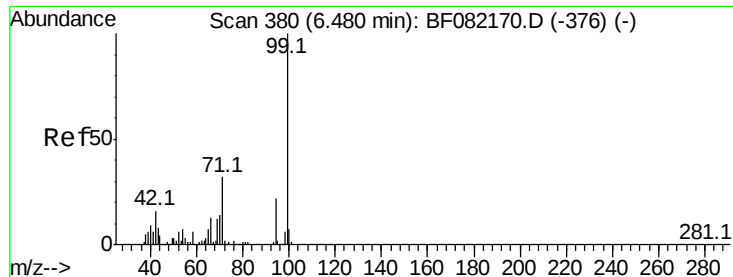


#5

2-Fluorophenol
Concen: 104.99 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.6	73.0
63	31.0	25.1	37.7





#7

Phenol-d6

Concen: 96.48 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

Instrument :

BNA_F

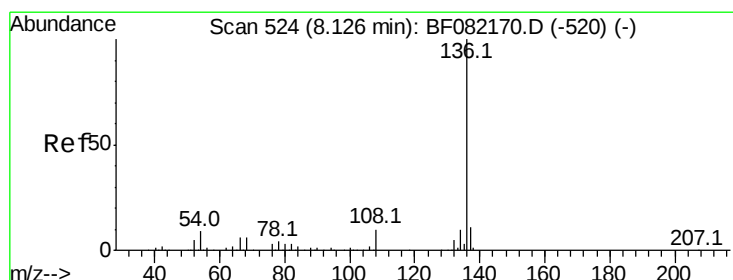
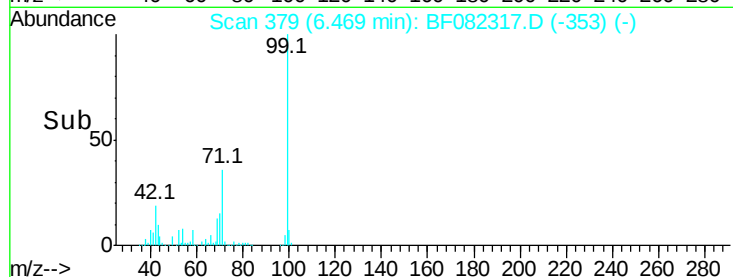
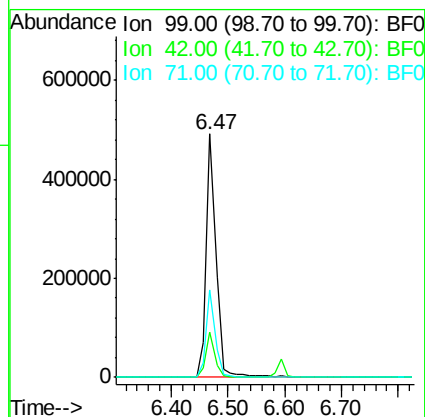
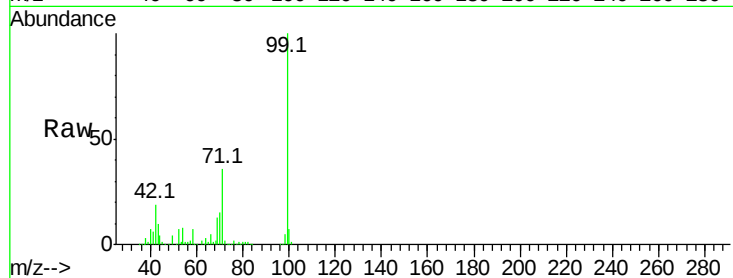
ClientSampleId :

CS-2

Tot Ion:	99	Resp:	570449
Ion Ratio	Lower	Upper	
99	100		
42	18.7	13.2	19.8
71	35.8	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

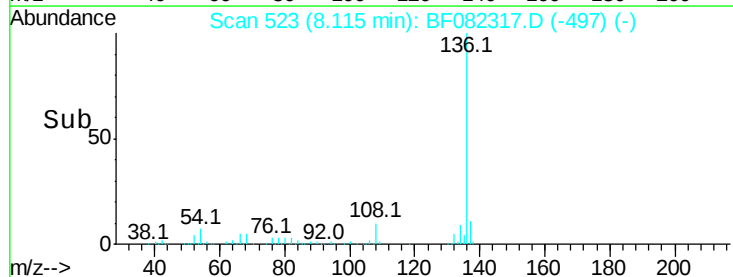
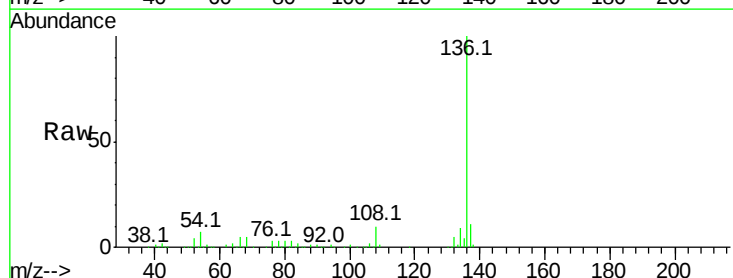
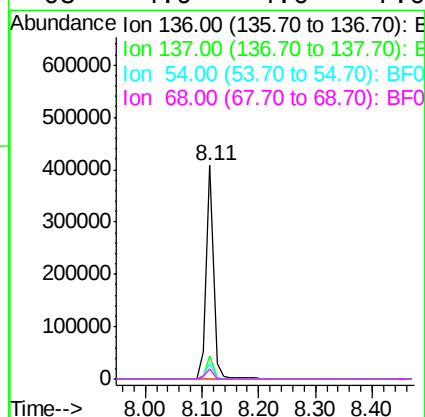
RT: 8.11 min Scan# 523

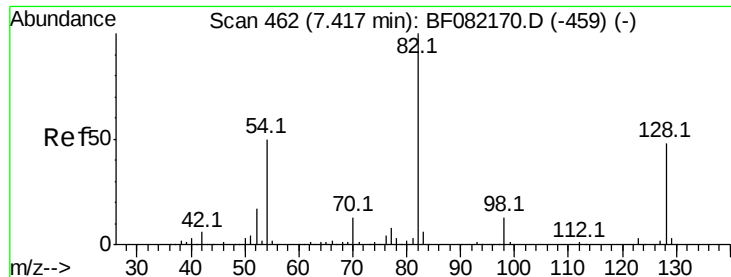
Delta R.T. 0.00 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

Tgt Ion:	136	Resp:	352612
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	7.5	7.5	11.3#
68	4.9	4.6	7.0





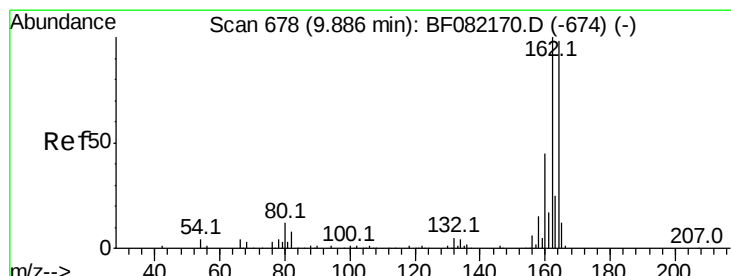
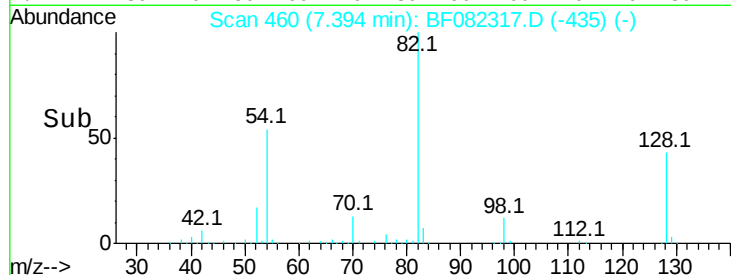
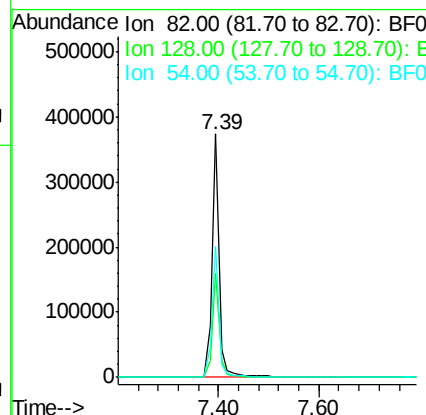
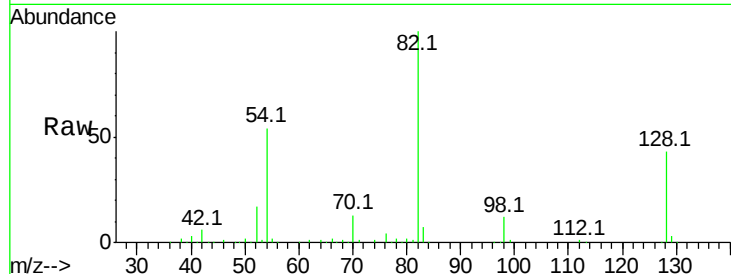
#23
Nitrobenzene-d5
Concen: 71.55 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Instrument :
BNA_F
ClientSampled :
CS-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	38.7	58.1
54	53.8	40.1	60.1

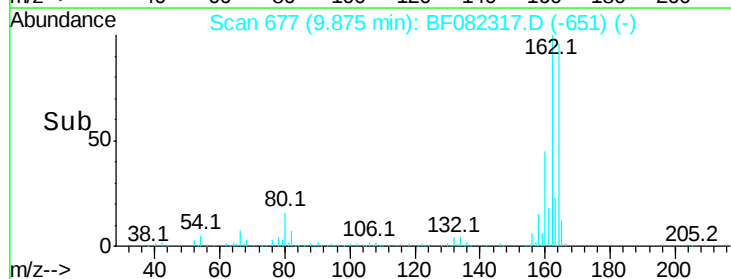
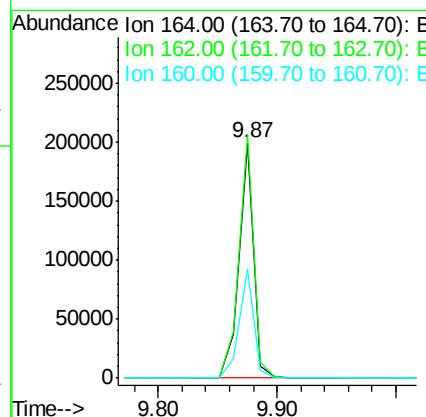
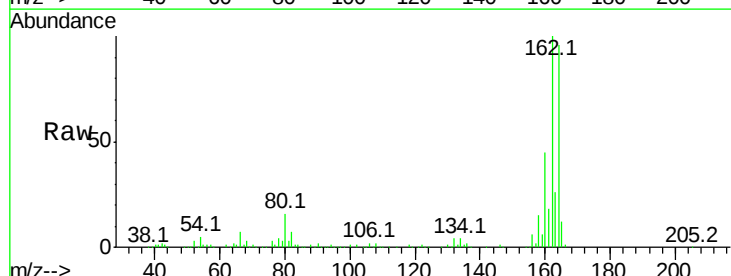
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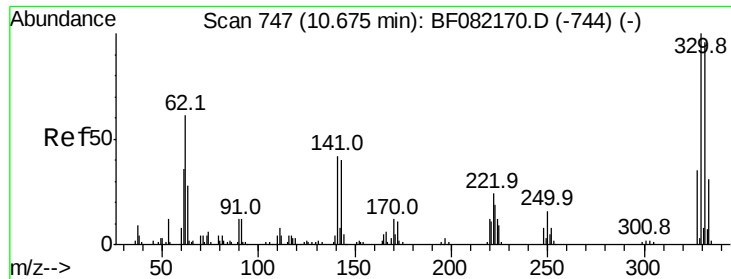
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	46.5	36.4	54.6





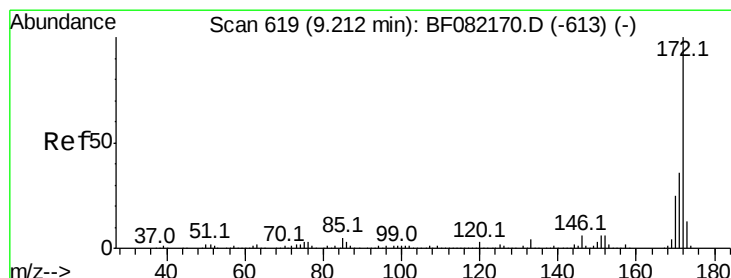
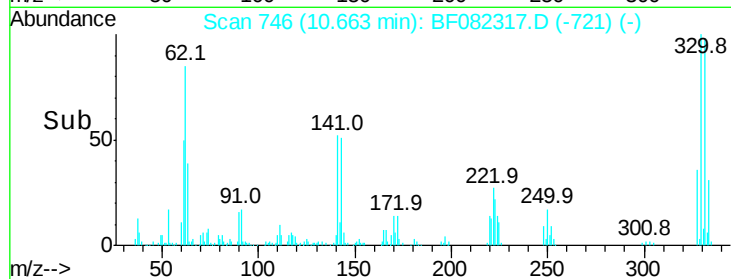
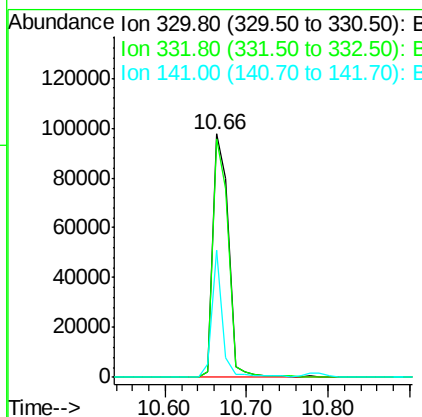
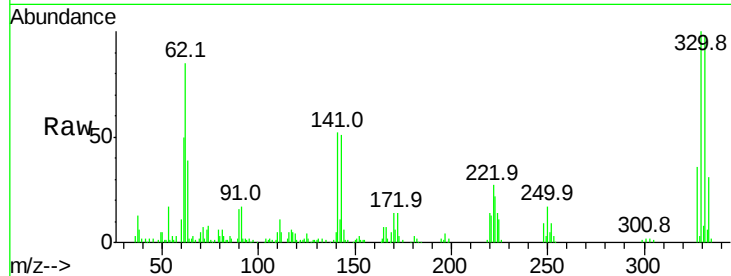
#41
 2,4,6-Tribromophenol
 Concen: 81.71 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082317.D
 Acq: 15 Oct 2015 19:00

Instrument :
 BNA_F
 ClientSampled :
 CS-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4		77.1	115.7
141	36.2		29.8	44.8

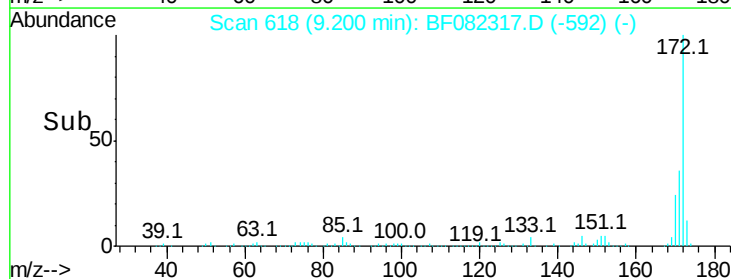
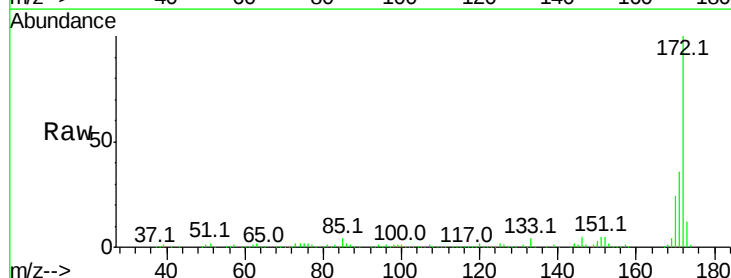
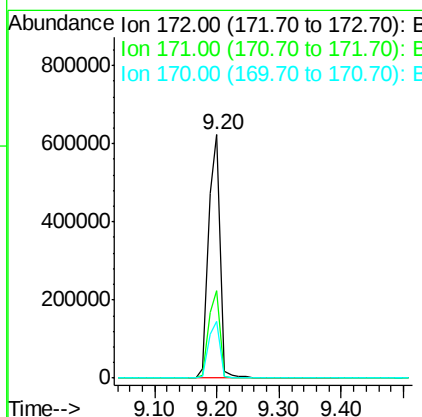
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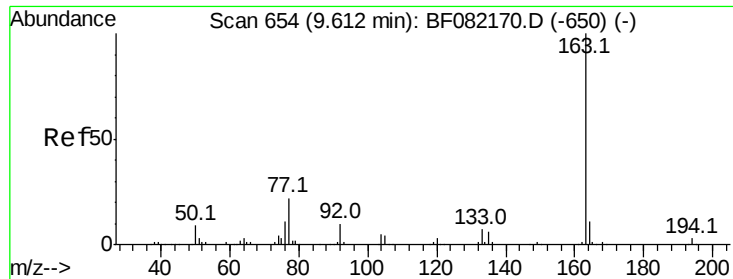
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 77.61 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082317.D
 Acq: 15 Oct 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7		28.6	42.8
170	23.5		19.7	29.5





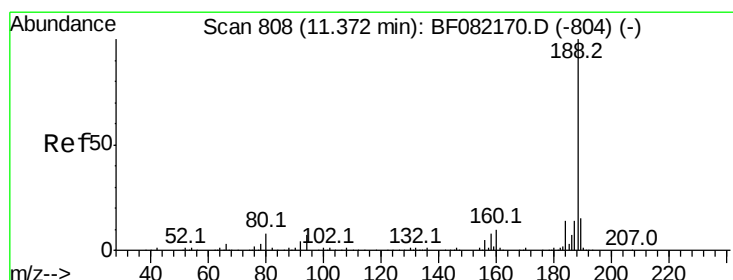
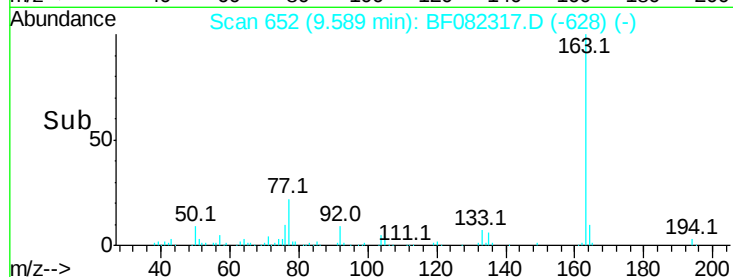
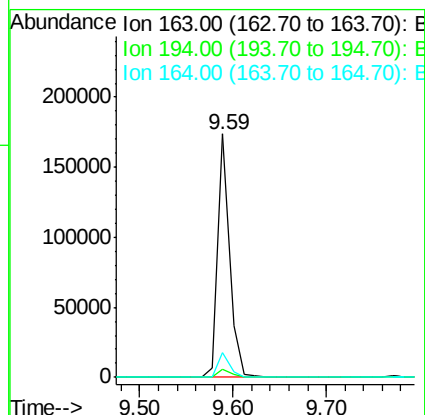
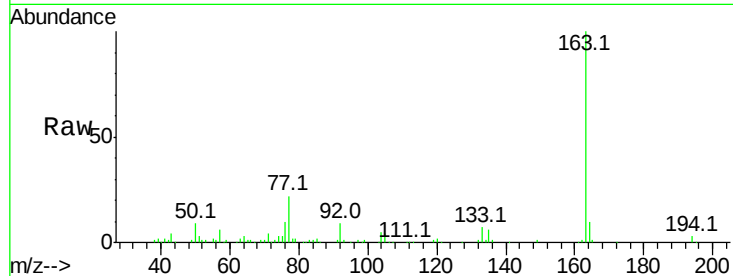
#49
Dimethylphthalate
Concen: 12.72 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Instrument :
BNA_F
ClientSampleId :
CS-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	153213		
194	3.1	2.6	4.0	
164	10.3	8.5	12.7	

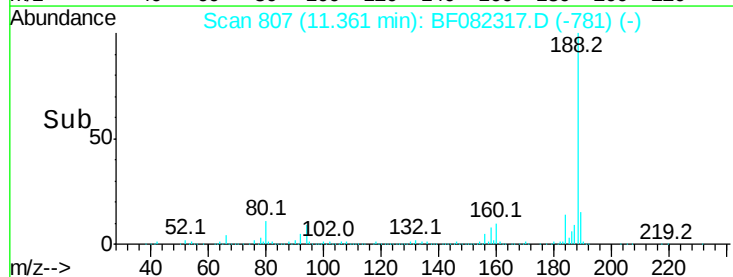
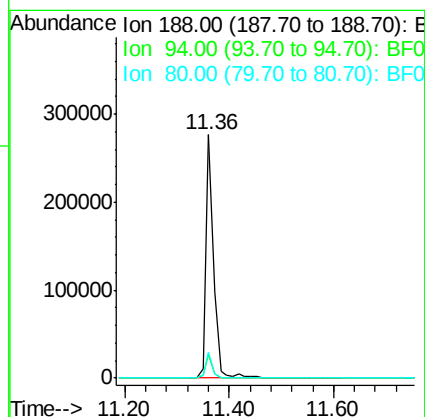
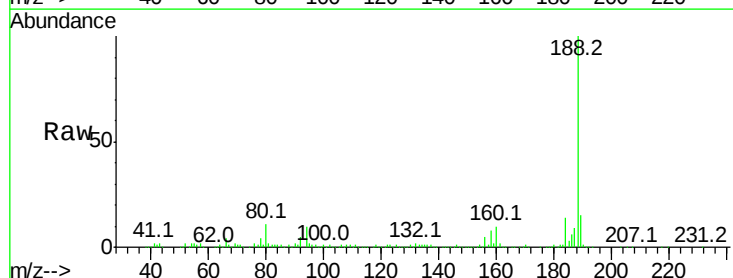
Manual Integrations
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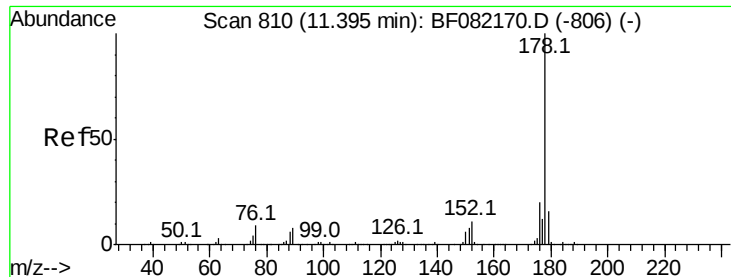
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	285035		
94	9.6	5.8	8.6#	
80	10.7	6.4	9.6#	





#70

Phenanthrene

Concen: 7.33 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

Instrument :

BNA_F

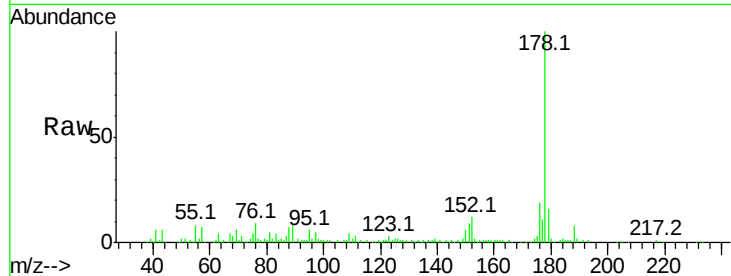
ClientSampled :

CS-2

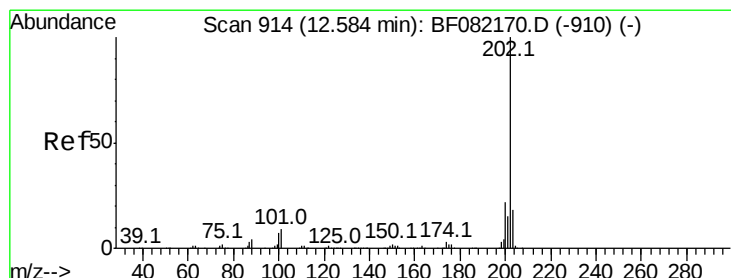
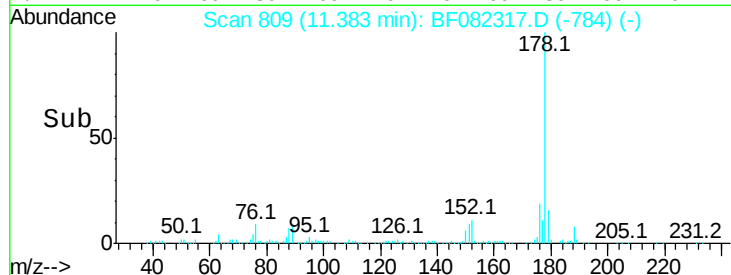
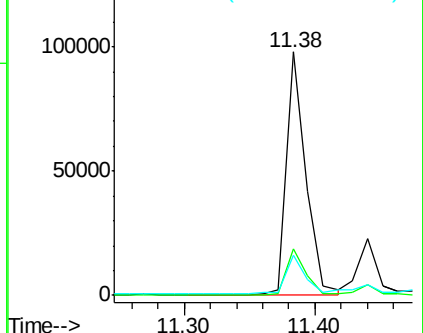
Tot Ion:	178	Resp:	102474
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.0	24.0
179	16.4	12.6	19.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 6.26 ng

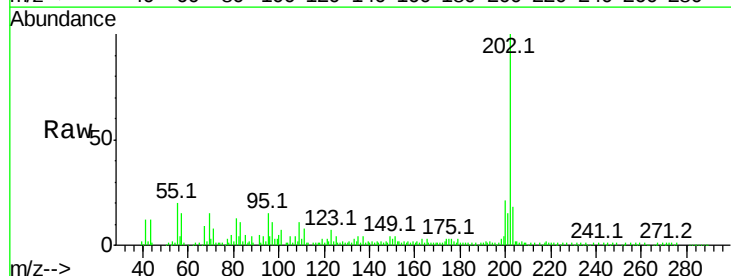
RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

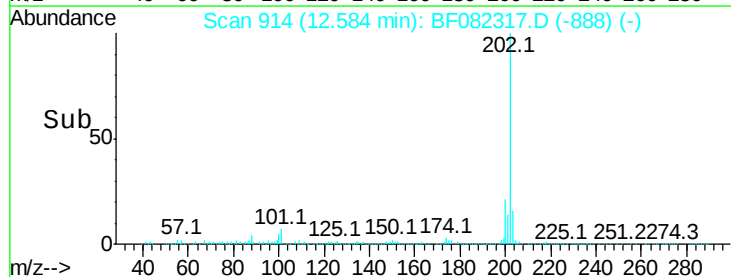
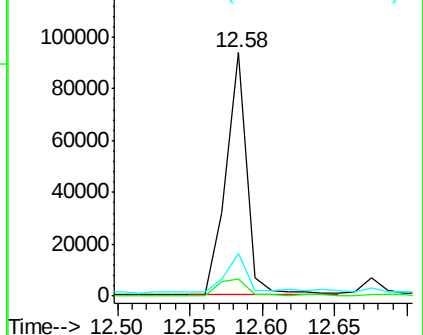
Lab File: BF082317.D

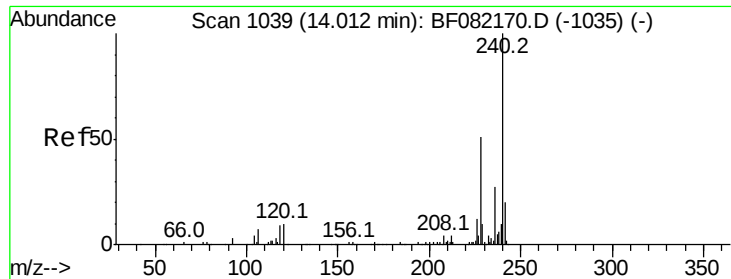
Acq: 15 Oct 2015 19:00

Tgt Ion:	202	Resp:	93995
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	29.3
203	17.7	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.06 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

Instrument :

BNA_F

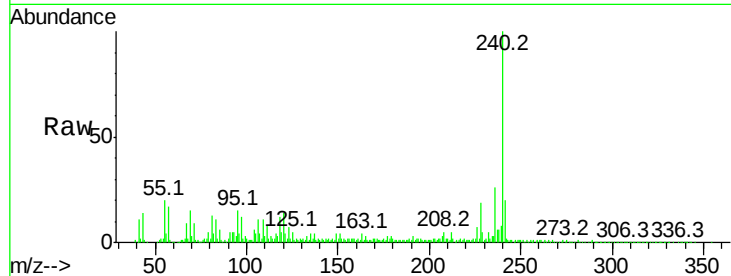
ClientSampleId :

CS-2

Tot Ion:	240	Resp:	205675
Ion Ratio	Lower	Upper	
240	100		
120	14.2	8.1	12.1#
236	25.8	21.3	31.9

Manual Integrations
APPROVED

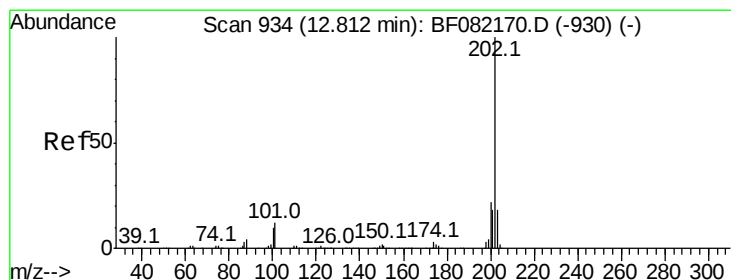
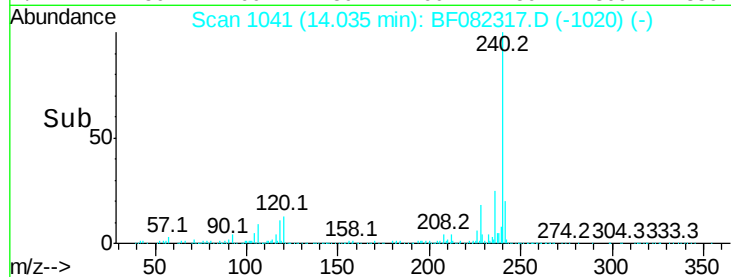
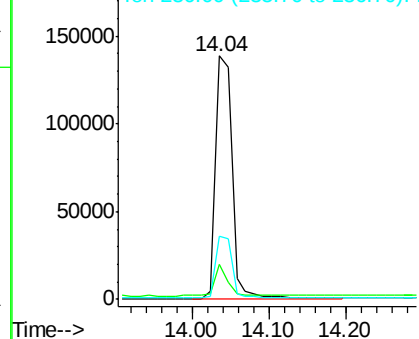
MMdadoda
10/16/2015 4:16:01 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.69 ng

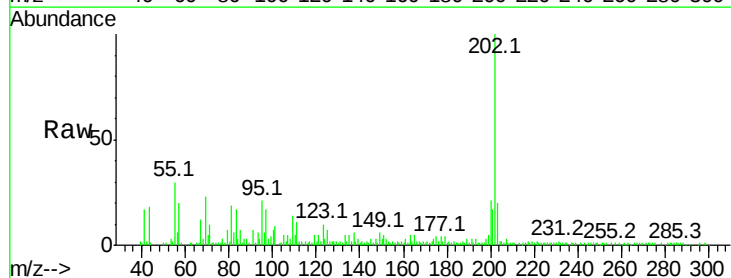
RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

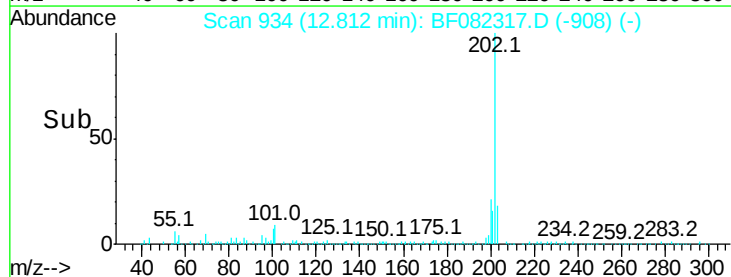
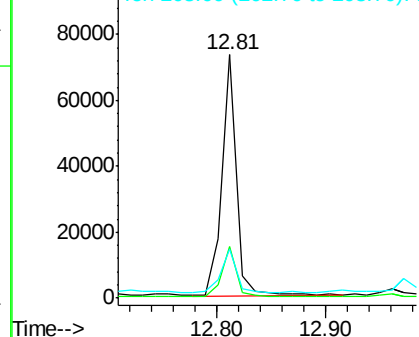
Tgt Ion:	202	Resp:	69481
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.9	26.9
203	20.0	14.5	21.7

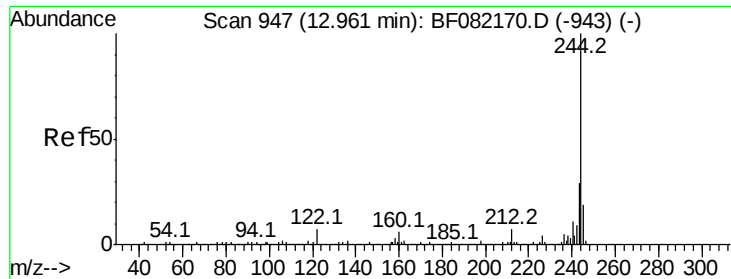


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.94 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

Instrument :

BNA_F

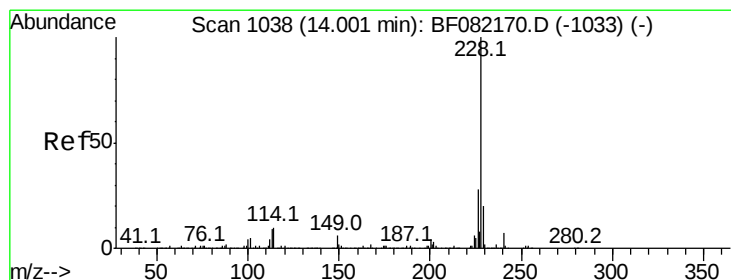
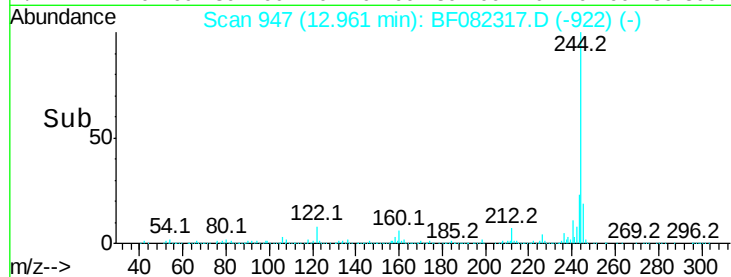
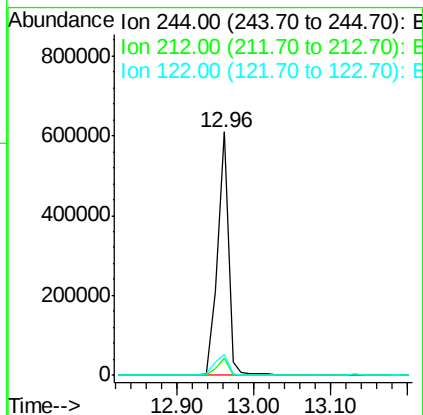
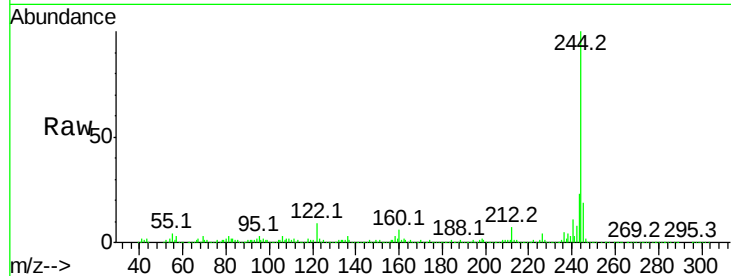
ClientSampleId :

CS-2

Tot Ion:	244	Resp:	604941
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.6
122	8.5	5.9	8.9

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#80

Benzo(a)anthracene

Concen: 3.76 ng

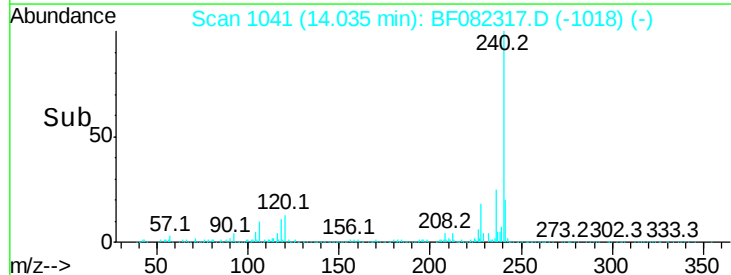
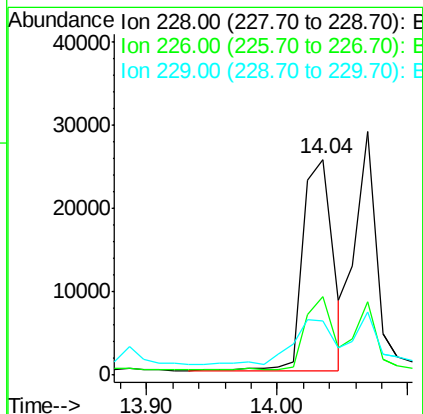
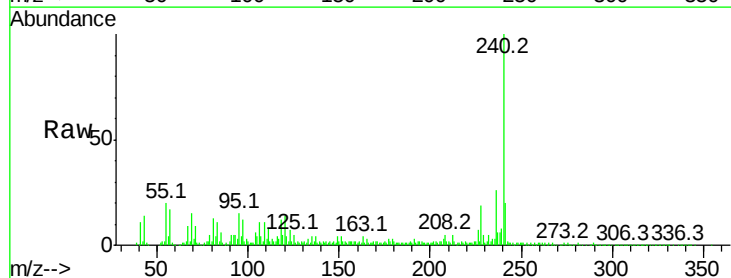
RT: 14.04 min Scan# 1041

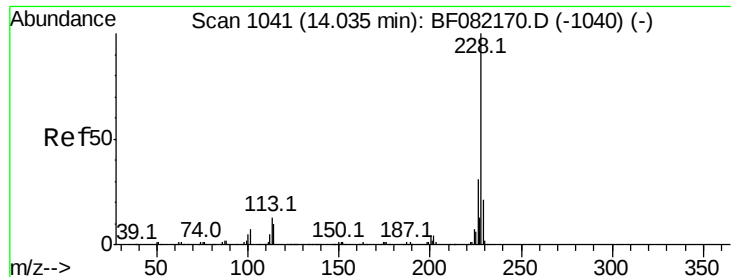
Delta R.T. -0.03 min

Lab File: BF082317.D

Acq: 15 Oct 2015 19:00

Tgt Ion:	228	Resp:	40204
Ion Ratio	Lower	Upper	
228	100		
226	36.3	22.3	33.5#
229	25.4	16.2	24.2#





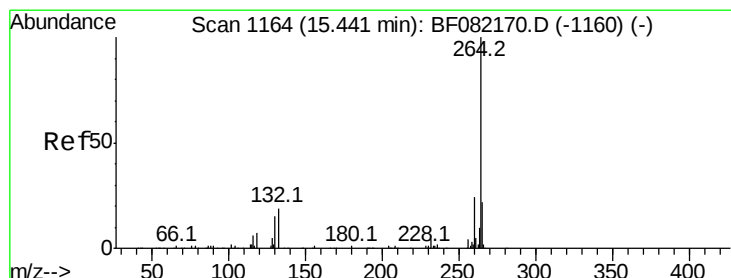
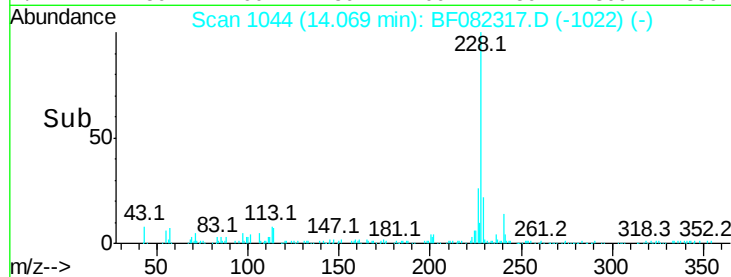
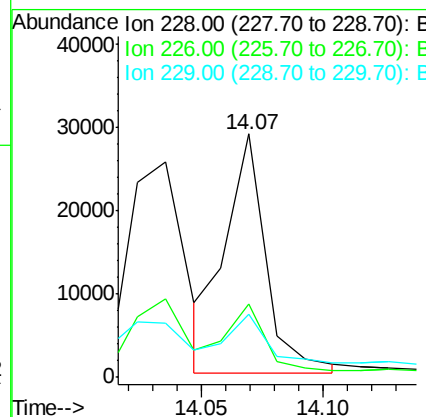
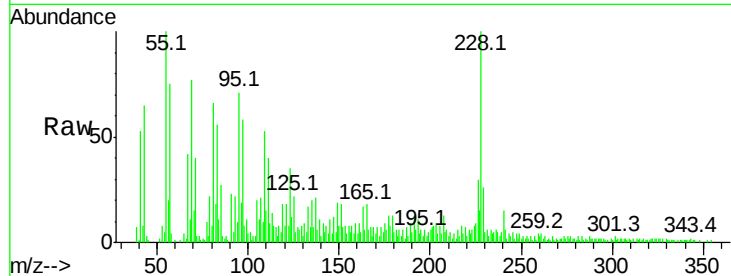
#82
Chrysene
Concen: 2.93 ng/ml
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Instrument :
BNA_F
ClientSampleId :
CS-2

Tot Ion:	228	Resp:	33084
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	25.8	16.3	24.5

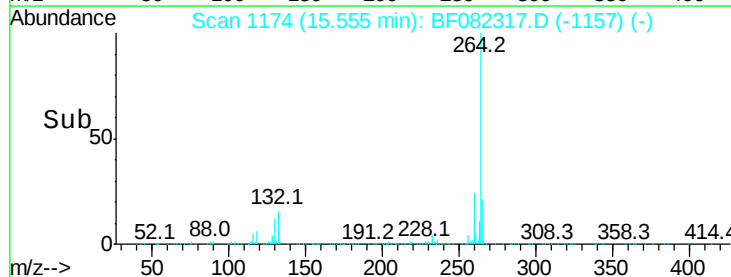
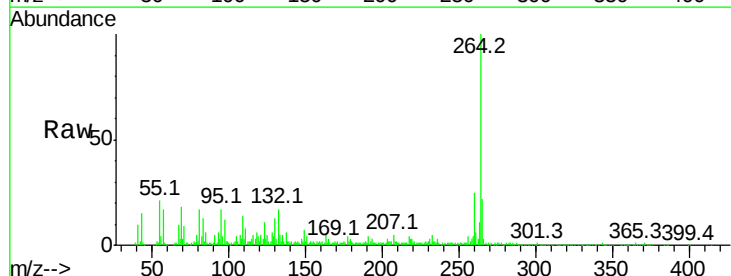
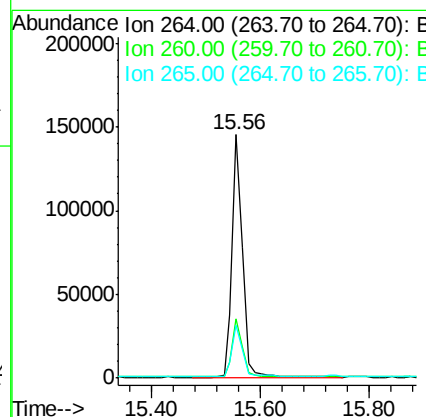
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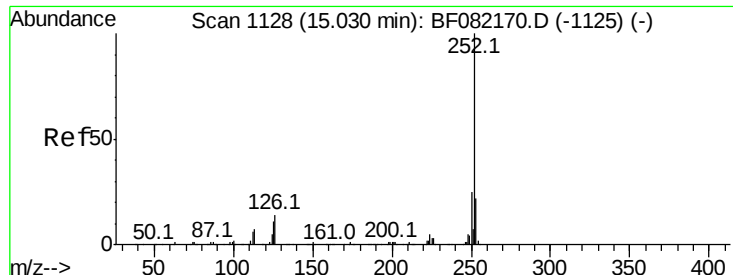
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF082317.D
Acq: 15 Oct 2015 19:00

Tgt Ion:	264	Resp:	193431
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.0	28.6
265	21.7	17.3	25.9





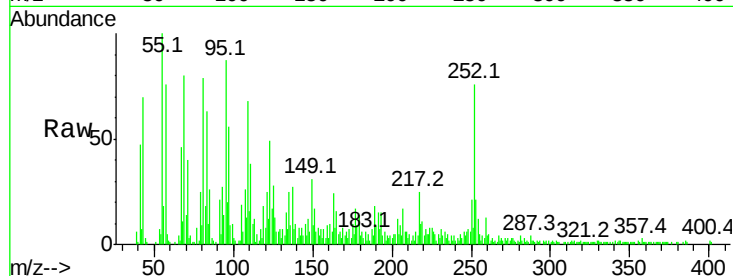
#87
 Benzo(b)fluoranthene
 Concen: 3.13 ng m
 RT: 15.13 min Scan# 1137
 Delta R.T. -0.10 min
 Lab File: BF082317.D
 Acq: 15 Oct 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 CS-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0#
125	37.3	8.6	12.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

