

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082298.D
 Acq On : 15 Oct 2015 9:38
 Operator : UM/IZ
 Sample : G4016-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-5

Manual Integrations
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Quant Time: Oct 16 02:05:03 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	81634	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	308580	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	151060	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	298454	20.00	ng	0.00
75) Chrysene-d12	14.08	240	157557	20.00	ng	-0.01
86) Perylene-d12	15.68	264	143862	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1415	0.35	ng	0.01
7) Phenol-d6	6.46	99	64646	12.28	ng	-0.01
23) Nitrobenzene-d5	7.39	82	436631	95.02	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	808983	88.81	ng	-0.01
78) Terphenyl-d14	12.96	244	627784	105.59	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.59	163	139679m	13.13	ng	Qvalue
70) Phenanthrene	11.38	178	40533	2.77	ng	98

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

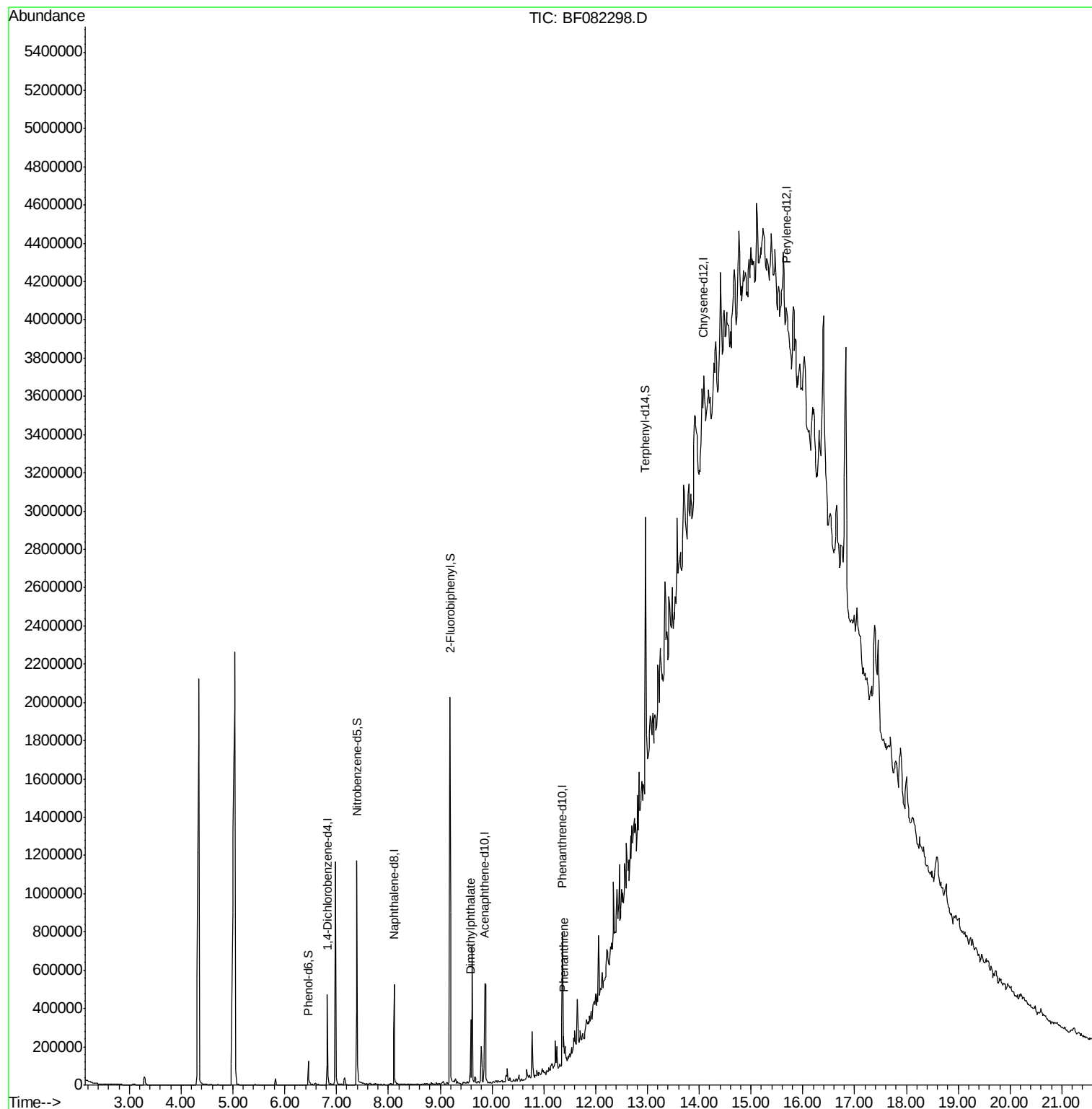
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082298.D
Acq On : 15 Oct 2015 9:38
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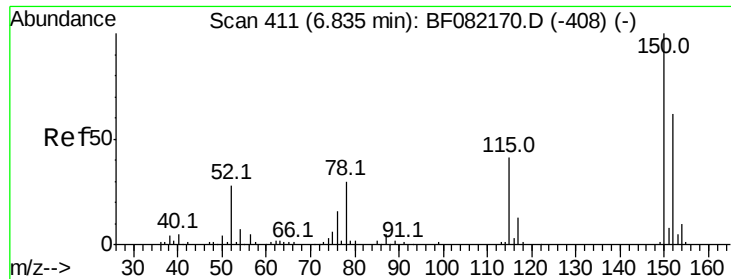
Instrument :
BNA_F
ClientSampleId :
CS-5

Quant Time: Oct 16 02:05:03 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Instrument :

BNA_F

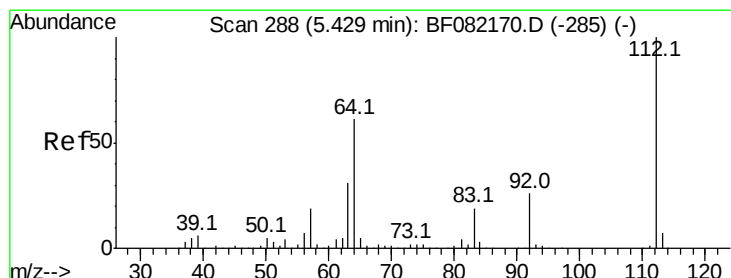
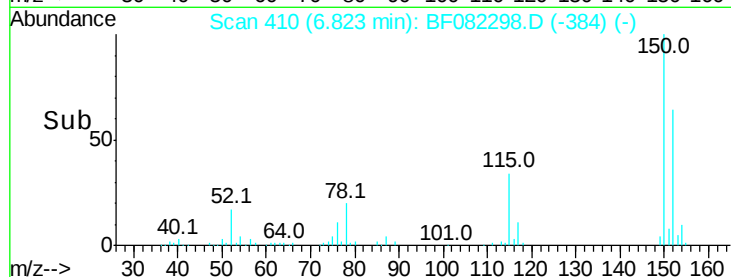
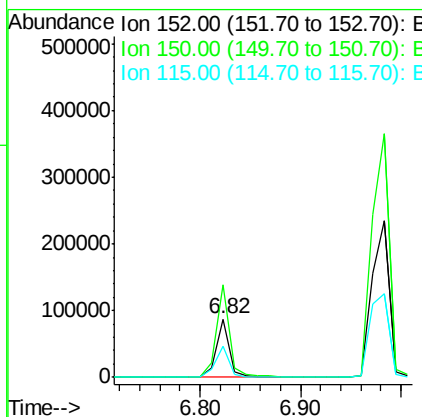
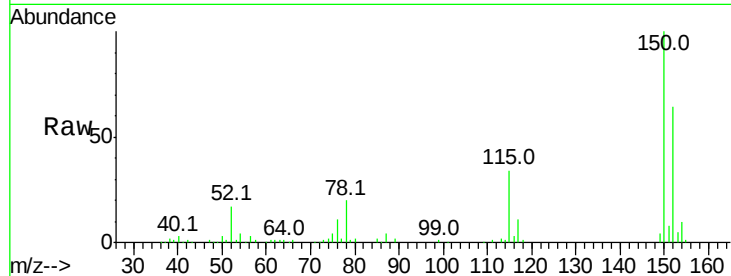
ClientSampleId :

CS-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.0	193.4
115	53.1	52.1	78.1

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#5

2-Fluorophenol

Concen: 0.35 ng

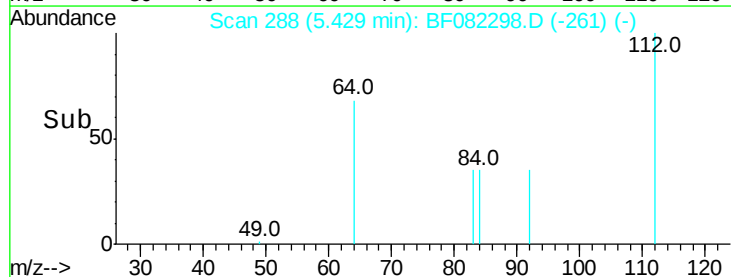
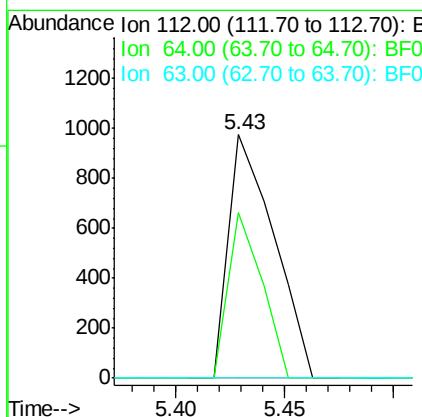
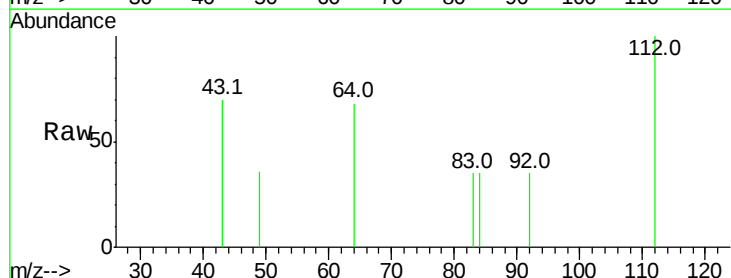
RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	48.6	73.0
63	0.0	25.1	37.7





#7

Phenol-d6

Concen: 12.28 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Instrument :

BNA_F

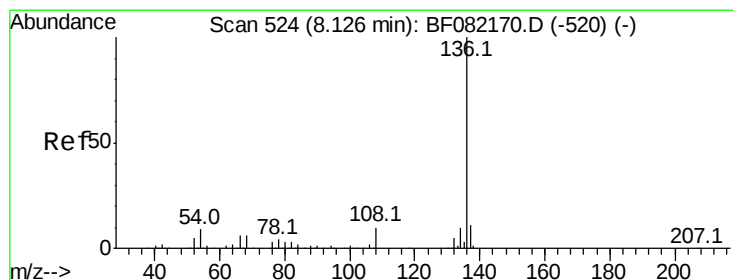
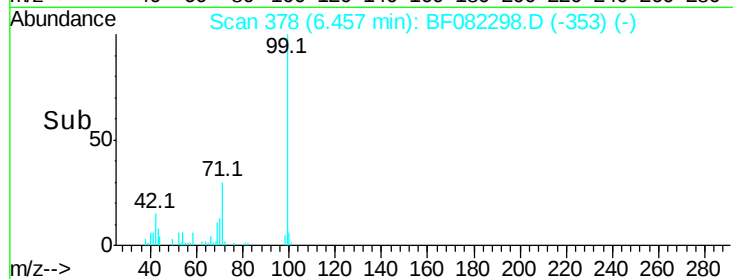
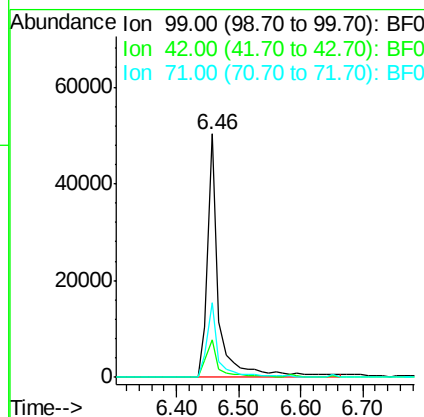
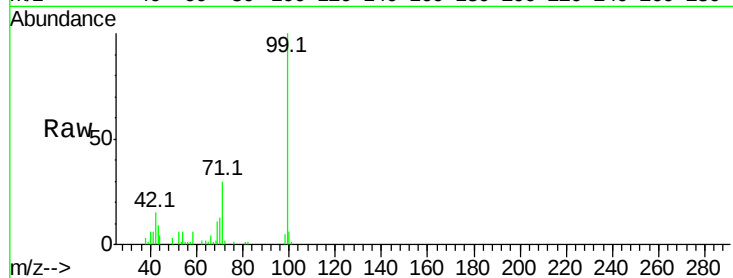
ClientSampleId :

CS-5

Tot Ion:	99	Resp:	64646
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.2	19.8
71	30.5	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

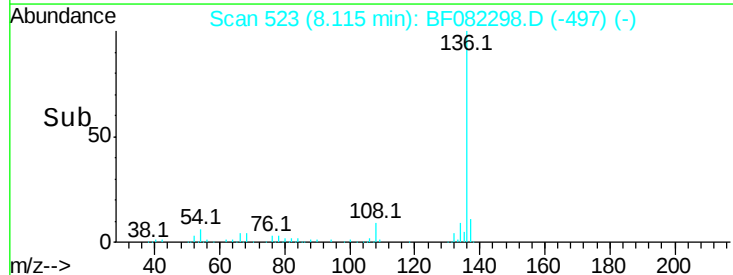
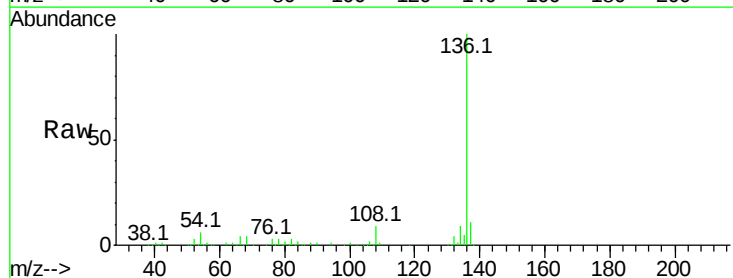
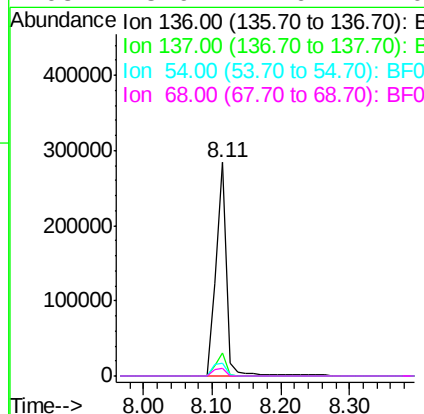
RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Tgt Ion:	136	Resp:	308580
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	5.9	7.5	11.3#
68	3.9	4.6	7.0#





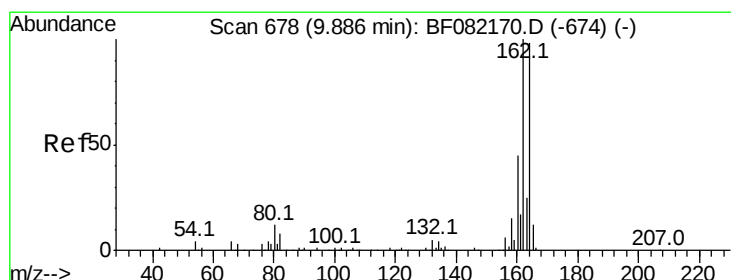
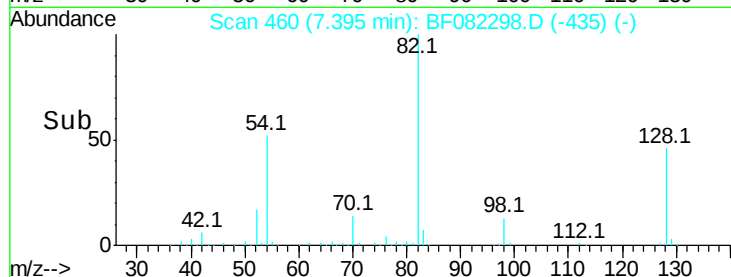
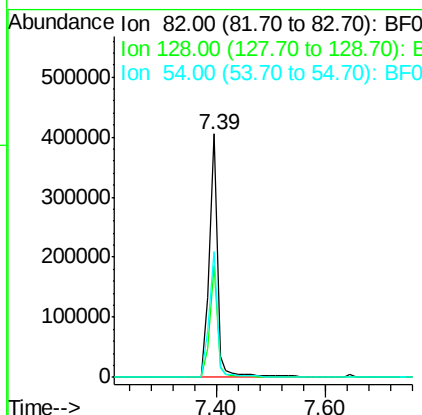
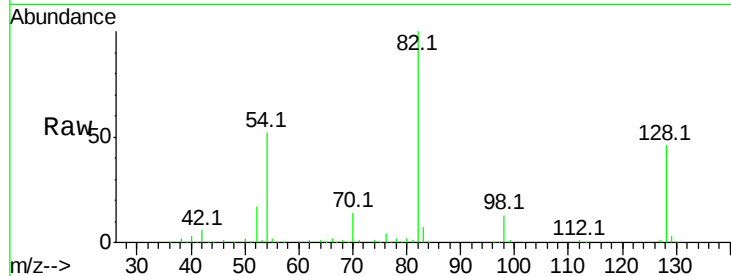
#23
 Nitrobenzene-d5
 Concen: 95.02 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082298.D
 Acq: 15 Oct 2015 9:38

Instrument :
 BNA_F
 ClientSampled :
 CS-5

Tot Ion: 82 Resp: 436631
 Ion Ratio Lower Upper
 82 100
 128 46.0 38.7 58.1
 54 51.5 40.1 60.1

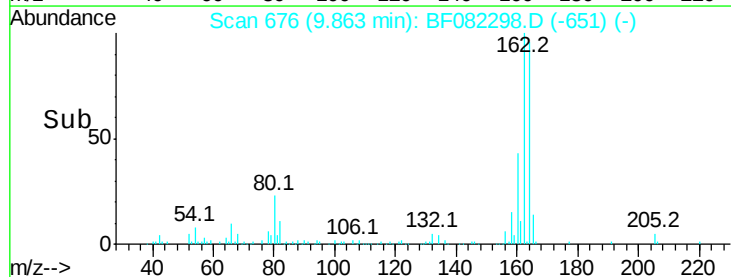
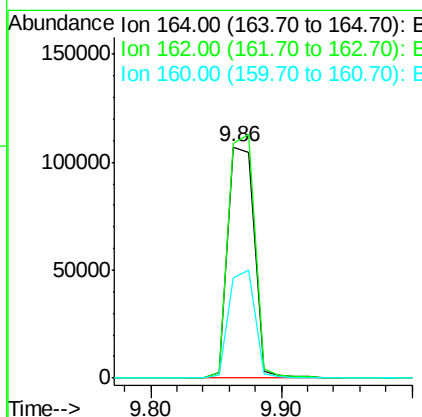
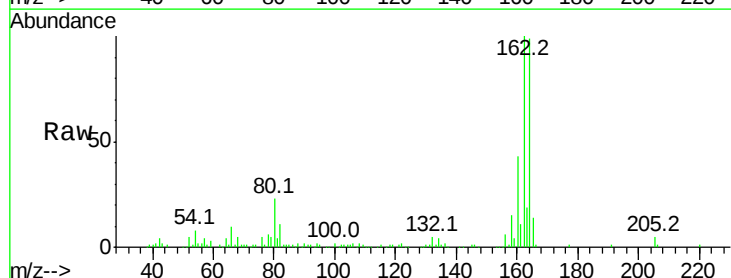
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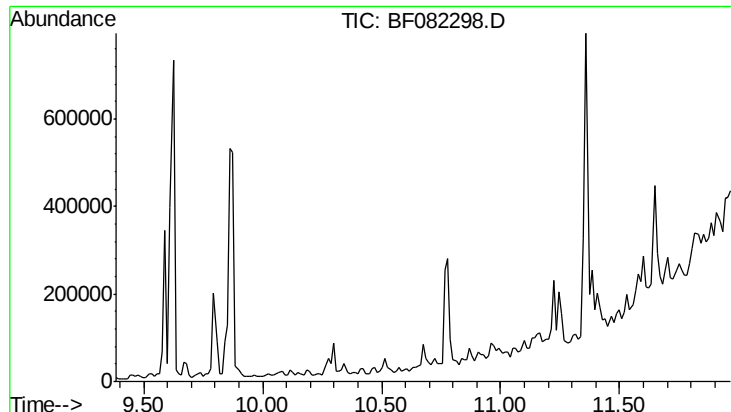
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF082298.D
 Acq: 15 Oct 2015 9:38

Tgt Ion: 164 Resp: 151060
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.6 122.4
 160 43.5 36.4 54.6





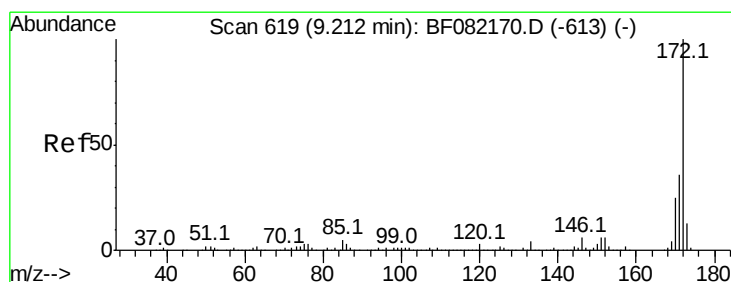
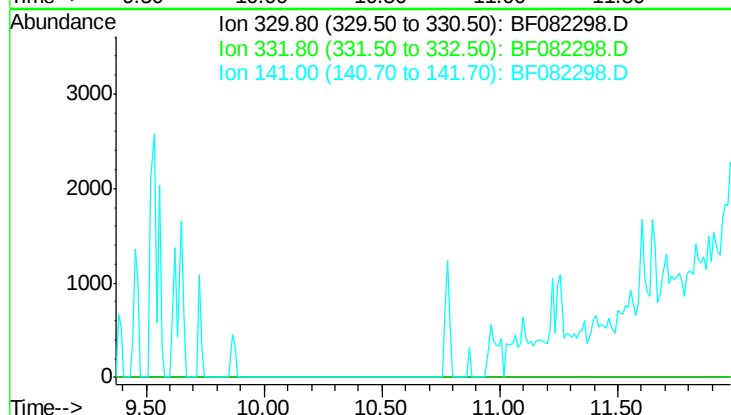
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF082298.D
 Acq: 15 Oct 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 CS-5

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 37.3

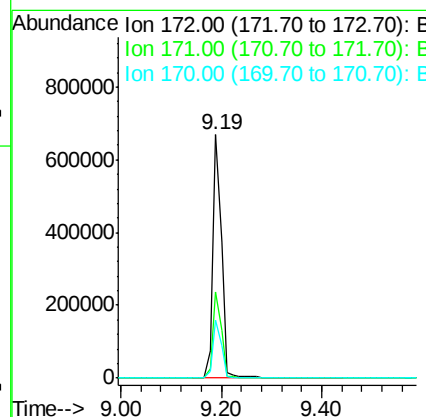
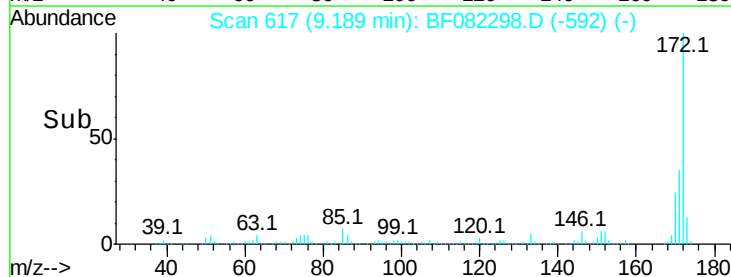
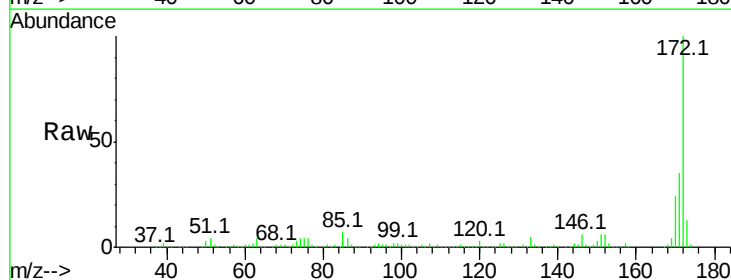
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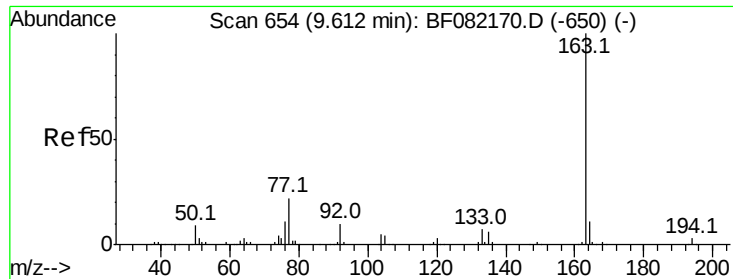
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#44
 2-Fluorobiphenyl
 Concen: 88.81 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082298.D
 Acq: 15 Oct 2015 9:38

Tgt Ion:172 Resp: 808983
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.7 19.7 29.5





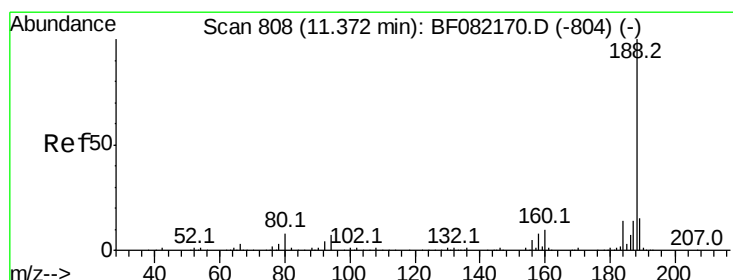
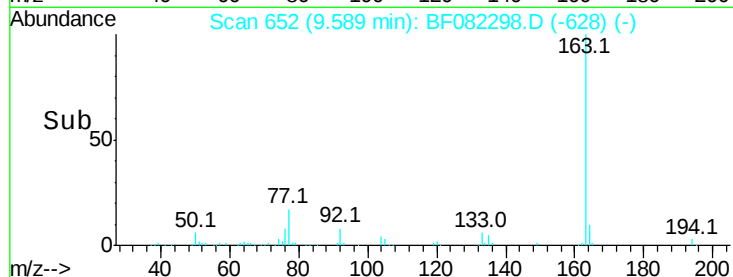
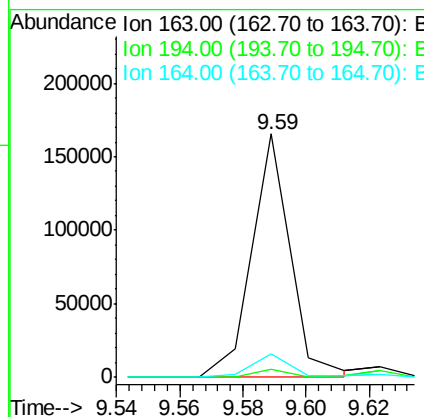
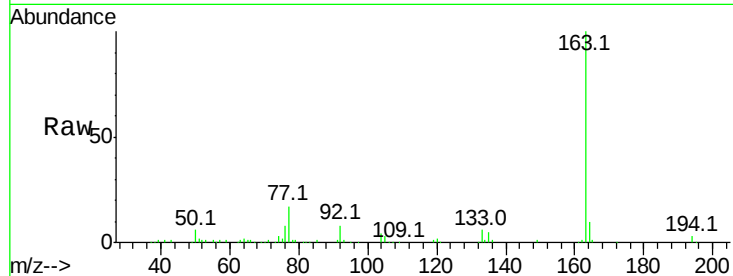
#49
Dimethylphthalate
Concen: 13.13 ng/ml
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082298.D
Acq: 15 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
CS-5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	139679		
194	3.3		2.6	4.0
164	9.6		8.5	12.7

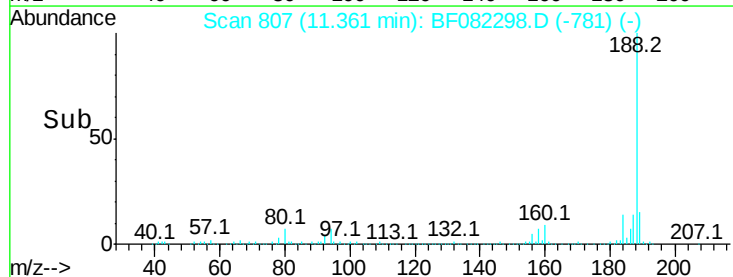
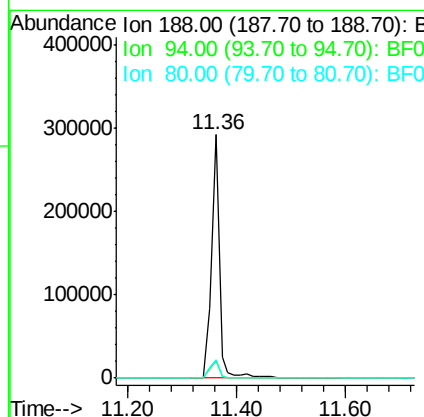
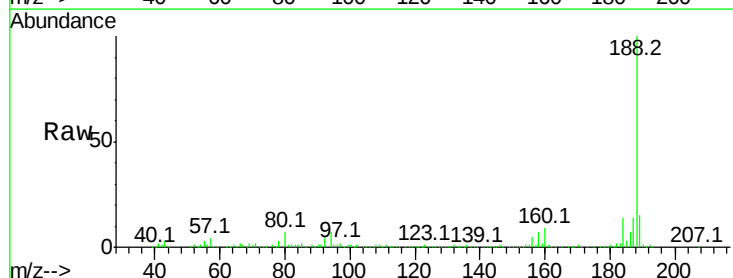
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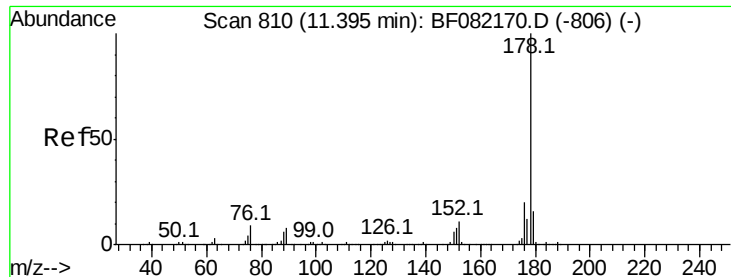
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082298.D
Acq: 15 Oct 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	298454		
94	6.8		5.8	8.6
80	7.4		6.4	9.6





#70

Phenanthrene

Concen: 2.77 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Instrument :

BNA_F

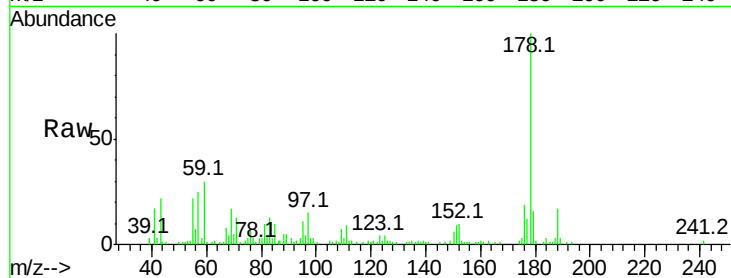
ClientSampled :

CS-5

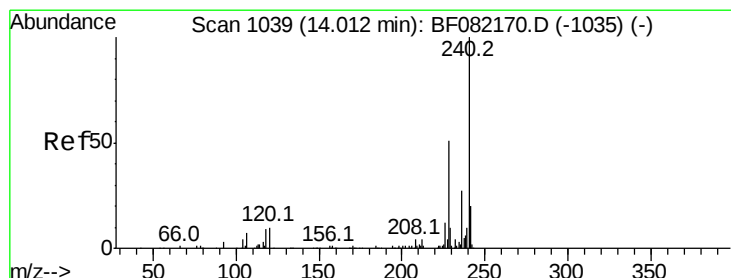
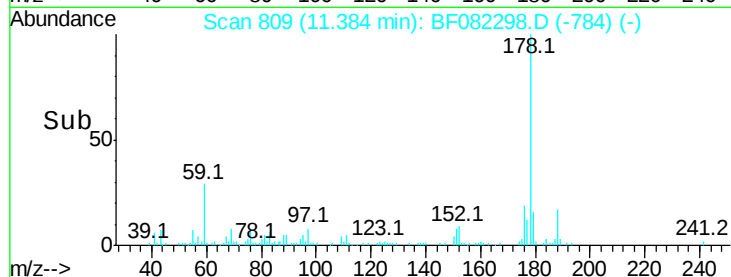
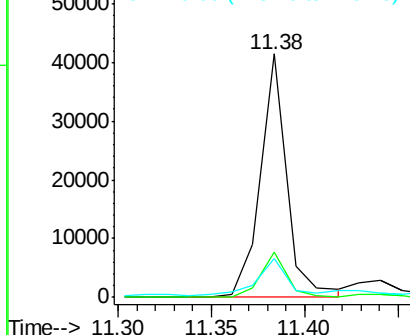
Manual Integrations
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Tot Ion:	178	Resp:	40533
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.0	24.0
179	15.7	12.6	19.0



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



#75

Chrysene-d12

Concen: 20.00 ng

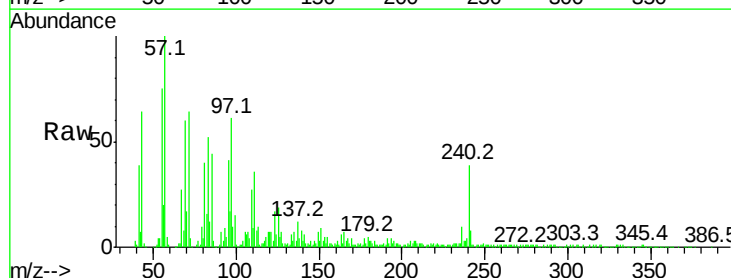
RT: 14.08 min Scan# 1045

Delta R.T. -0.01 min

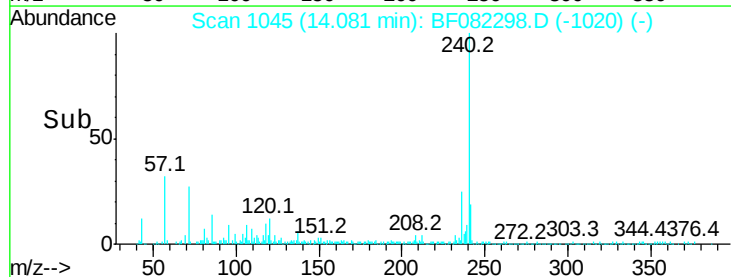
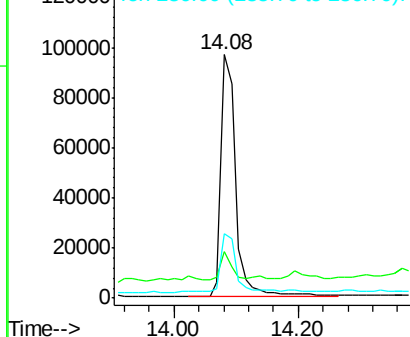
Lab File: BF082298.D

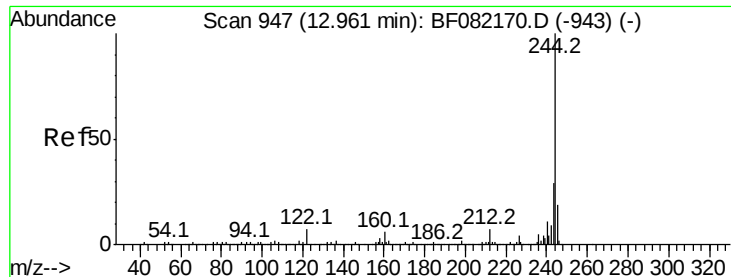
Acq: 15 Oct 2015 9:38

Tgt Ion:	240	Resp:	157557
Ion Ratio	Lower	Upper	
240	100		
120	18.9	8.1	12.1#
236	26.6	21.3	31.9



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





#78

Terphenyl-d14

Concen: 105.59 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Instrument :

BNA_F

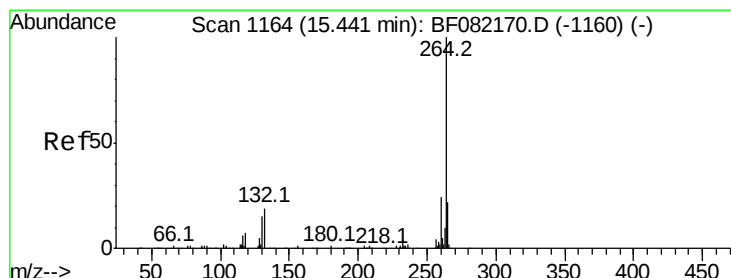
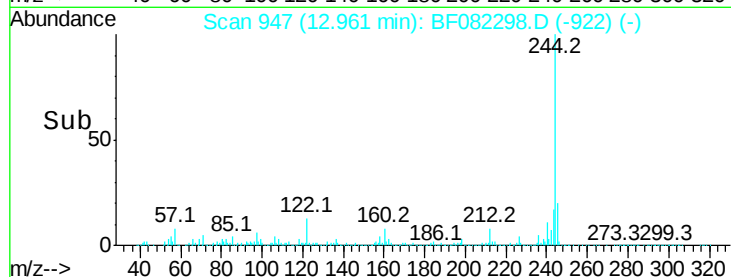
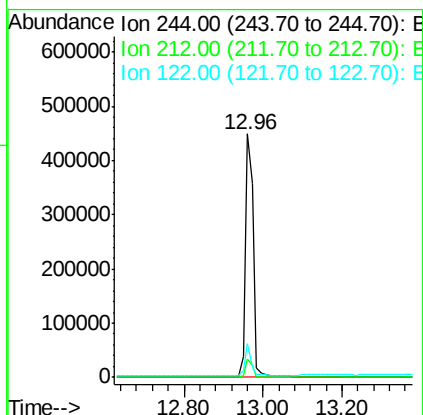
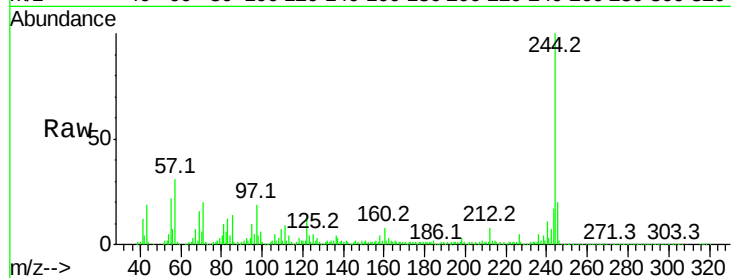
ClientSampleId :

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Tot Ion:	244	Resp:	627784
Ion Ratio		Lower	Upper
244	100		
212	7.6	5.8	8.6
122	13.6	5.9	8.9#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1185

Delta R.T. 0.02 min

Lab File: BF082298.D

Acq: 15 Oct 2015 9:38

Tgt Ion:	264	Resp:	143862
Ion Ratio		Lower	Upper
264	100		
260	25.7	19.0	28.6
265	24.5	17.3	25.9

