

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081116.D
 Acq On : 20 Aug 2015 9:18
 Operator : UM/IZ
 Sample : G3325-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:42:01 PM

Quant Time: Aug 20 11:37:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	63480	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	249529	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	110133	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	243516	20.00	ng	0.00
75) Chrysene-d12	13.71	240	175507	20.00	ng	0.00
86) Perylene-d12	15.04	264	126445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	425674	100.86	ng	0.01
7) Phenol-d6	6.23	99	547479	99.42	ng	0.00
23) Nitrobenzene-d5	7.16	82	403454	73.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	98527	103.20	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	491566	58.48	ng	-0.01
78) Terphenyl-d14	12.68	244	398574	48.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	97617	10.76	ng	100
70) Phenanthrene	11.11	178	35757	2.48	ng	99
74) Fluoranthene	12.29	202	46092	2.96	ng	97
77) Pyrene	12.51	202	40699	2.85	ng	96
83) Bis(2-ethylhexyl)phthalate	13.72	149	16877	2.15	ng	98

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

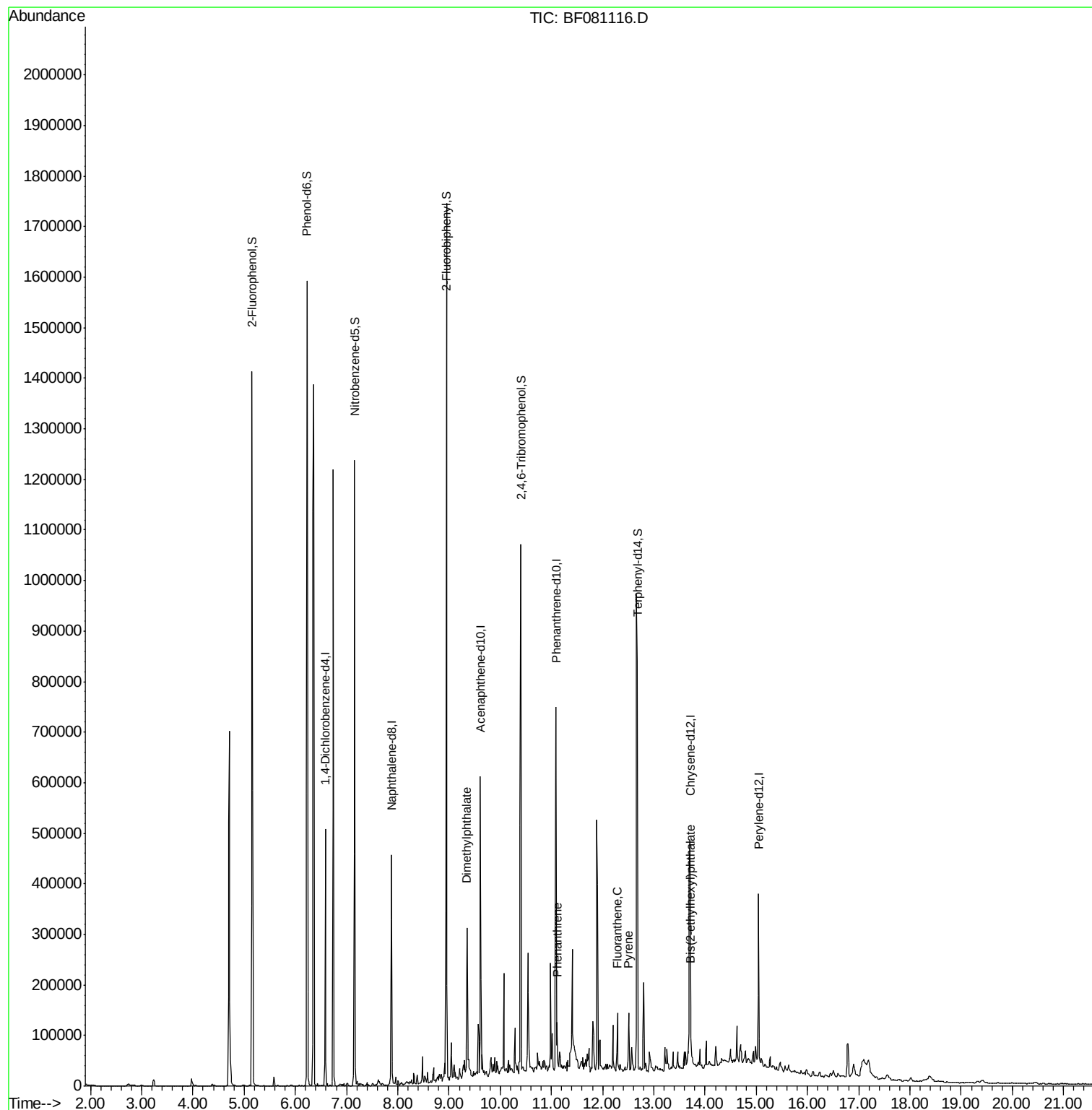
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081116.D
Acq On : 20 Aug 2015 9:18
Operator : UM/IZ
Sample : G3325-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

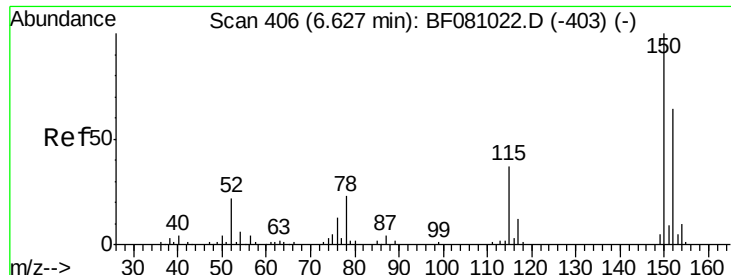
Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Time: Aug 20 11:37:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

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#1

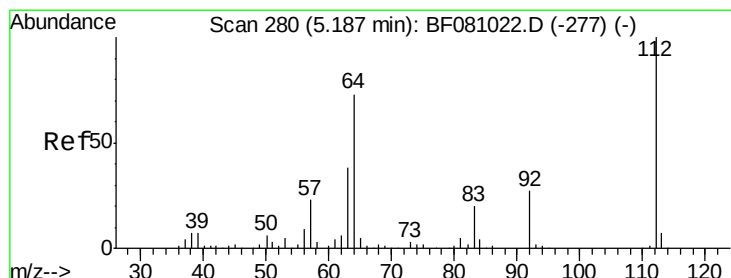
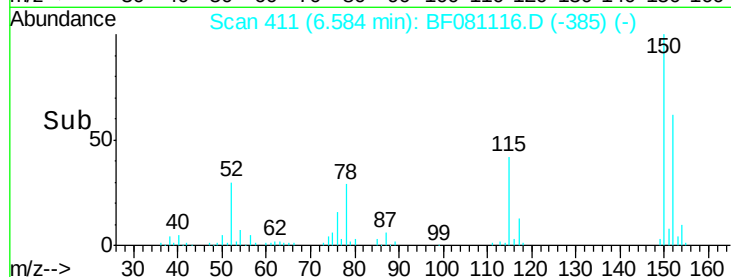
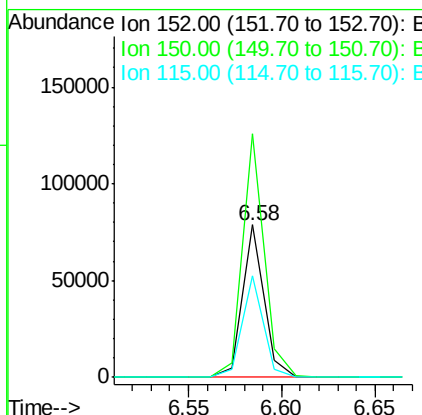
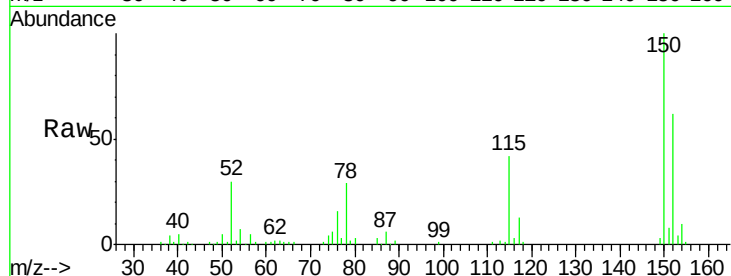
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.8	185.6
115	67.1	52.1	78.1

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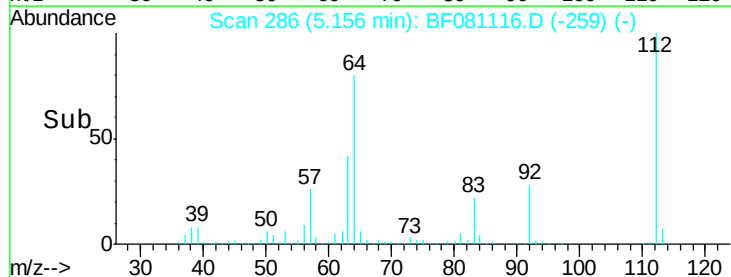
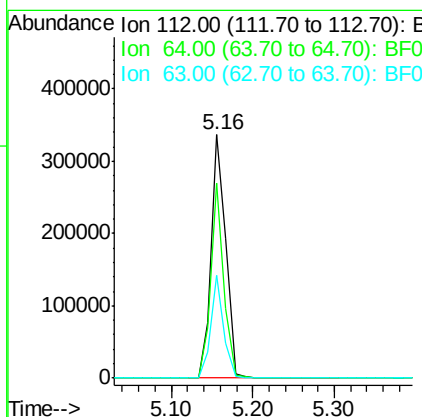
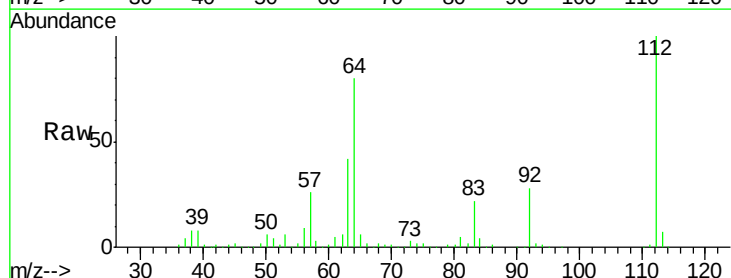
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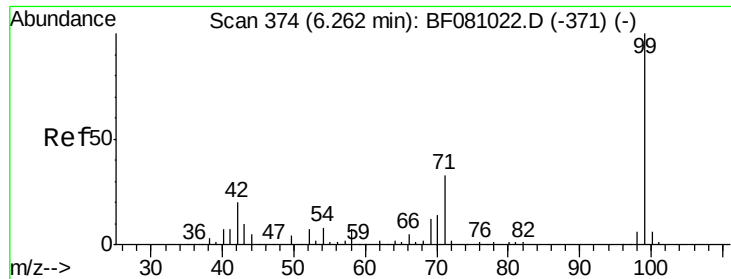


#5

2-Fluorophenol
Concen: 100.86 ng
RT: 5.16 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.9	66.9	100.3
63	42.0	38.1	57.1





#7

Phenol-d6

Concen: 99.42 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081116.D

Acq: 20 Aug 2015 9:18

Instrument :

BNA_F

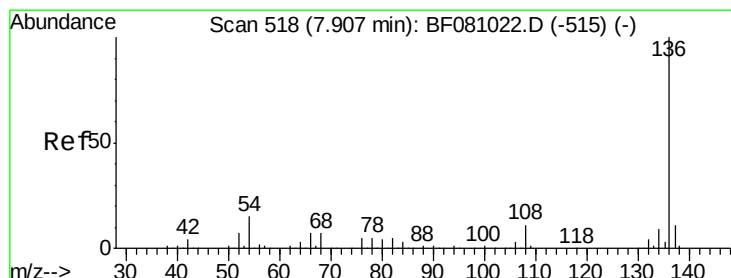
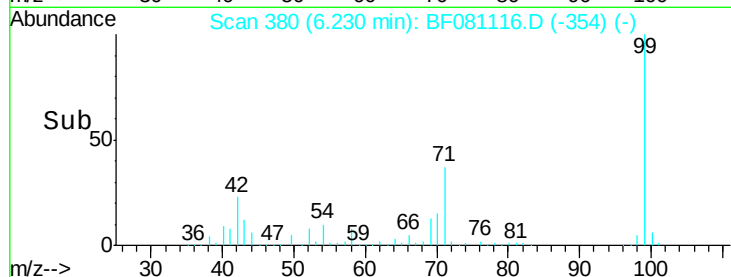
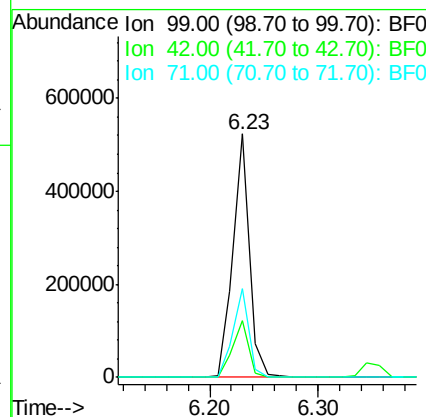
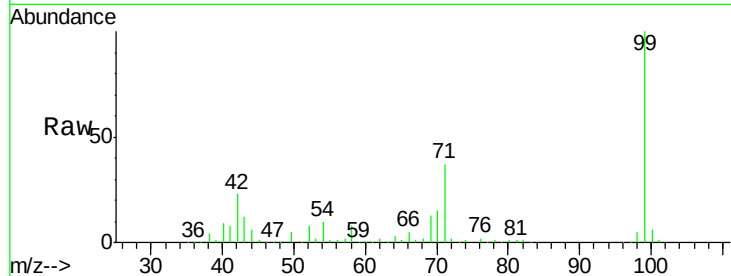
ClientSampleId :

SP-1

Tgt Ion:	99	Resp:	547479
Ion Ratio	Lower	Upper	
99	100		
42	23.4	19.6	29.4
71	36.7	31.2	46.8

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#21

Naphthalene-d8

Concen: 20.00 ng

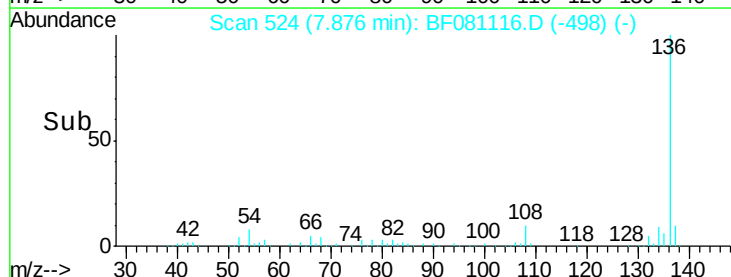
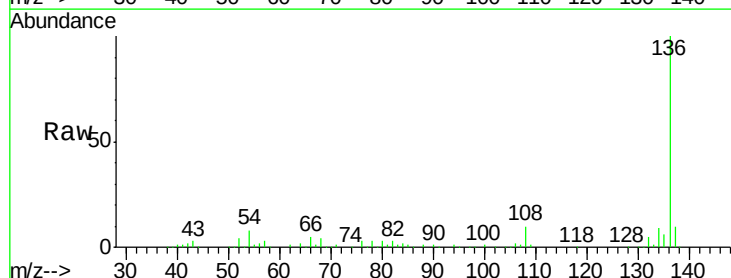
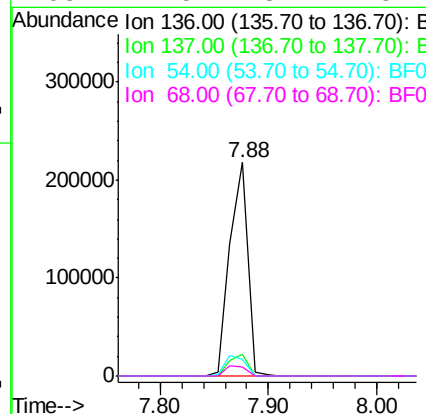
RT: 7.88 min Scan# 524

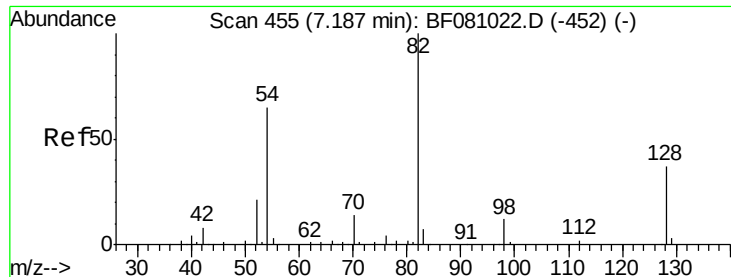
Delta R.T. -0.00 min

Lab File: BF081116.D

Acq: 20 Aug 2015 9:18

Tgt Ion:	136	Resp:	249529
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.2	12.2
54	8.1	7.7	11.5
68	4.5	3.4	5.2





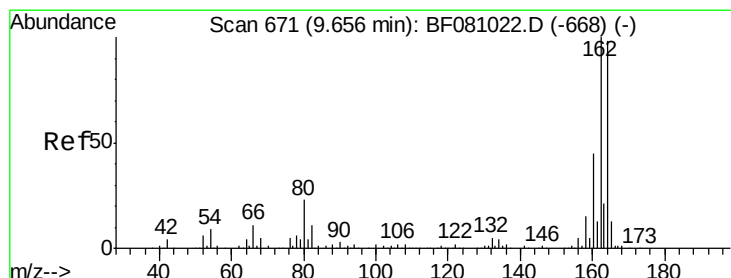
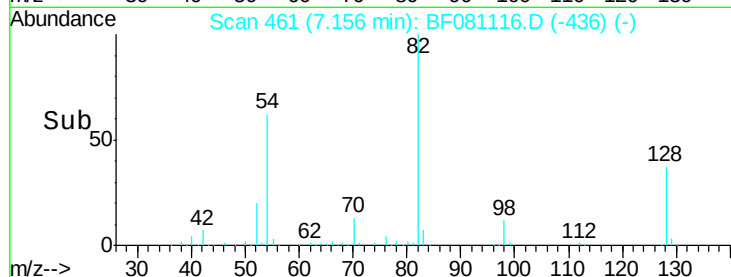
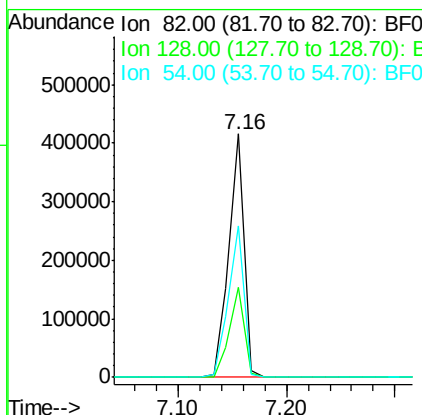
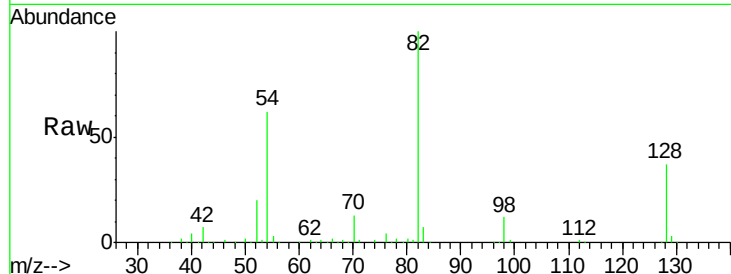
#23
 Nitrobenzene-d5
 Concen: 73.86 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF081116.D
 Acq: 20 Aug 2015 9:18

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion	82	Resp	403454
Ion Ratio	100	Lower	Upper
128	37.2	28.6	42.8
54	62.3	55.1	82.7

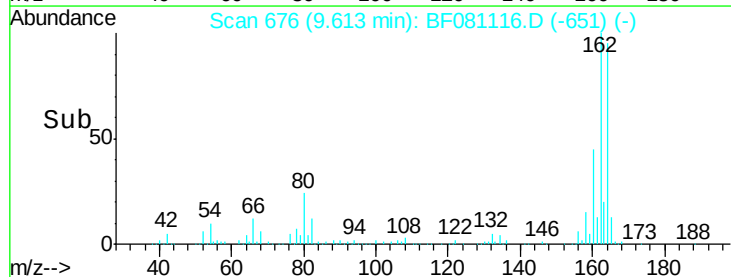
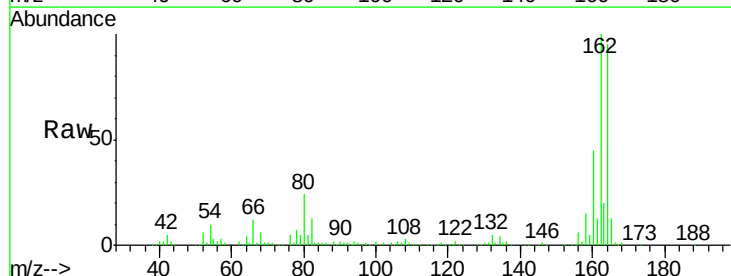
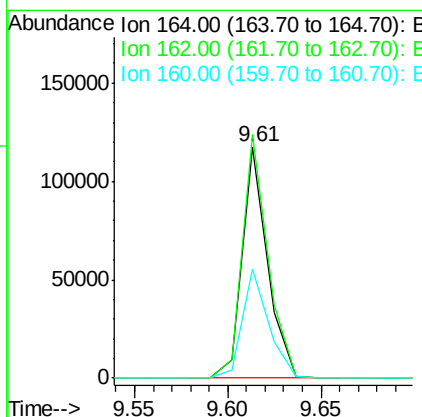
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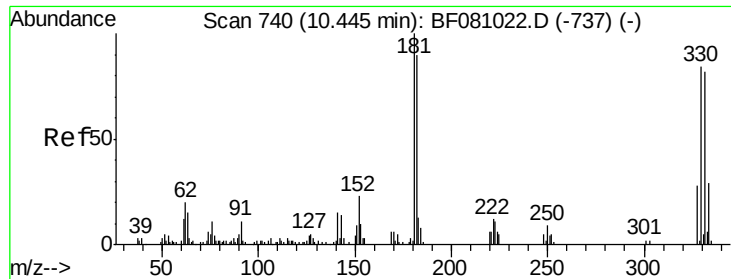
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081116.D
 Acq: 20 Aug 2015 9:18

Tgt Ion	164	Resp	110133
Ion Ratio	100	Lower	Upper
162	105.3	83.8	125.8
160	47.0	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 103.20 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081116.D

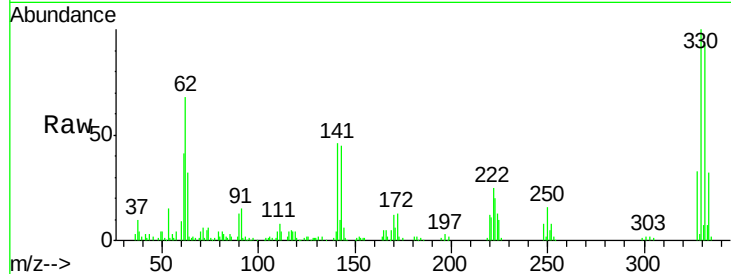
Acq: 20 Aug 2015 9:18

Instrument :

BNA_F

ClientSampled :

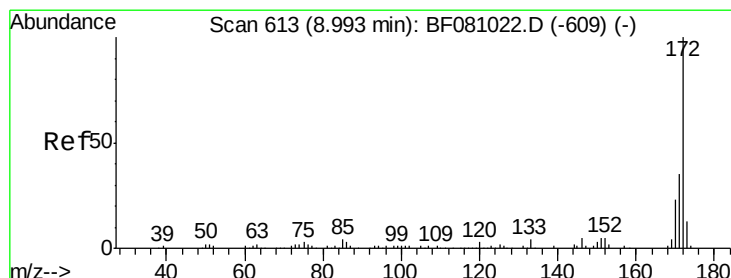
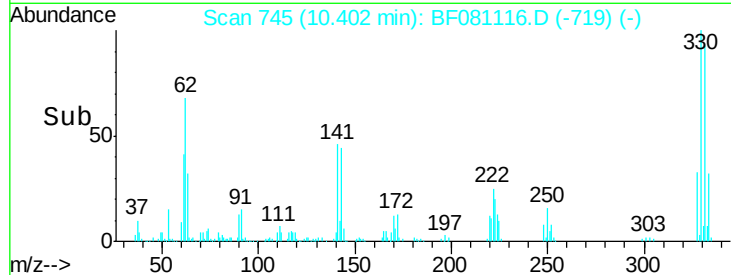
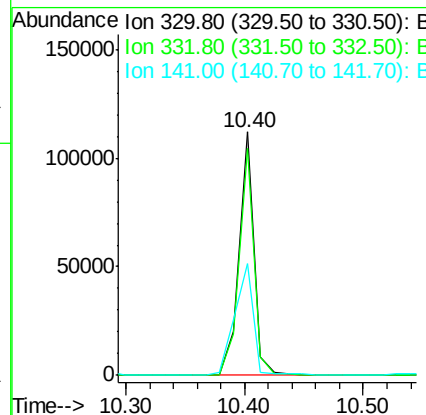
SP-1



Tgt Ion:	330	Resp:	98527
Ion Ratio	Lower	Upper	
330	100		
332	93.7	77.3	115.9
141	58.2	44.9	67.3

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 58.48 ng

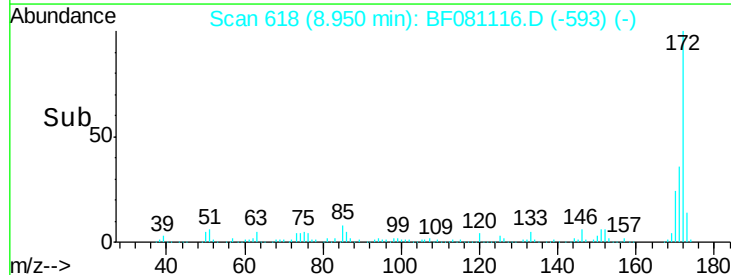
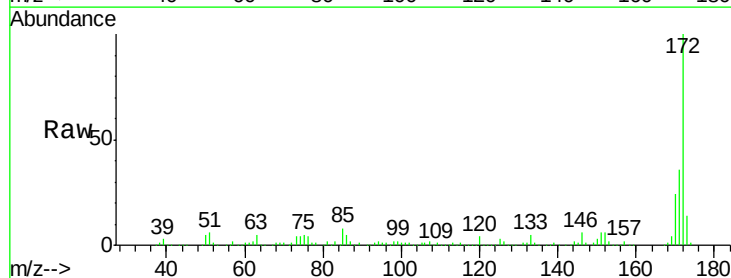
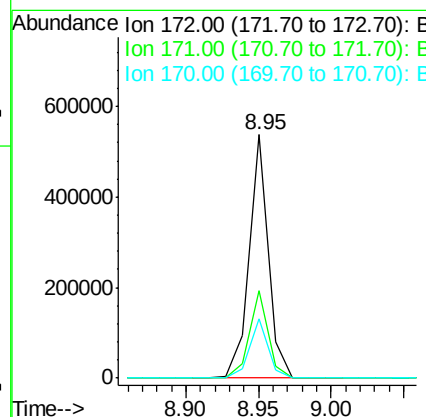
RT: 8.95 min Scan# 618

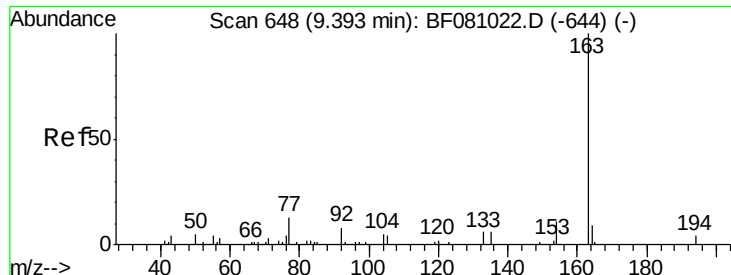
Delta R.T. -0.01 min

Lab File: BF081116.D

Acq: 20 Aug 2015 9:18

Tgt Ion:	172	Resp:	491566
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.9	43.3
170	24.4	19.4	29.2





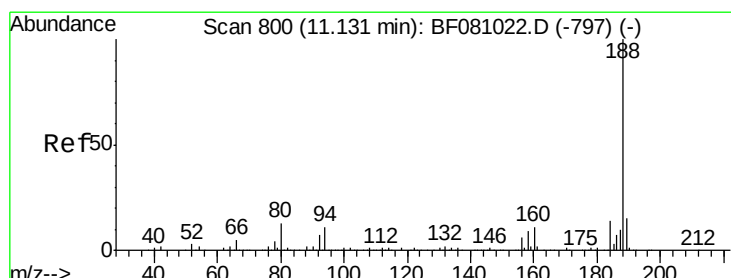
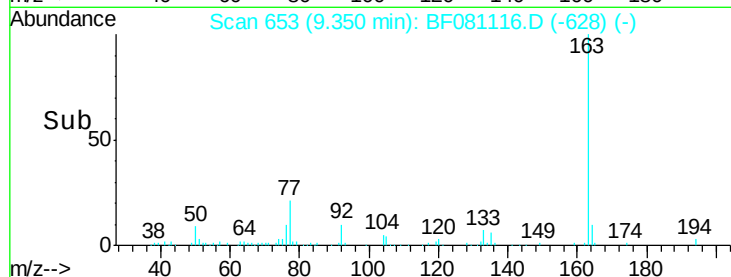
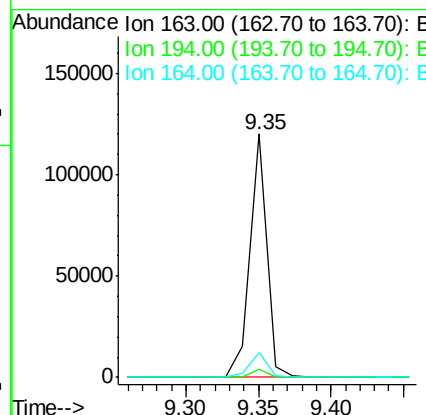
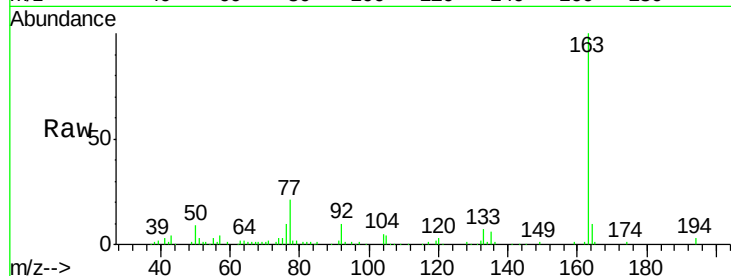
#49
Dimethylphthalate
Concen: 10.76 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	97617		
194	3.3		2.5	3.7
164	10.1		8.1	12.1

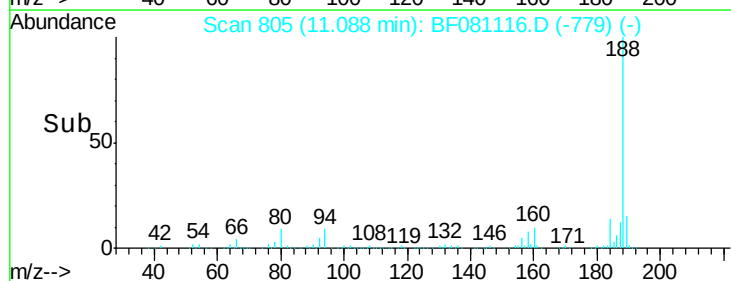
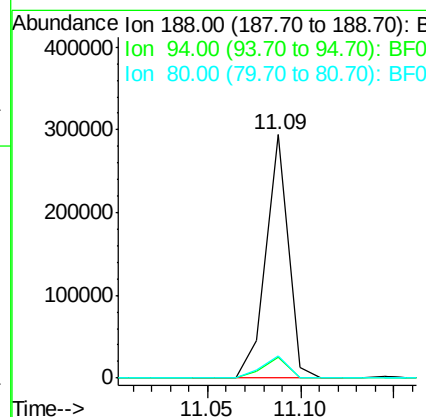
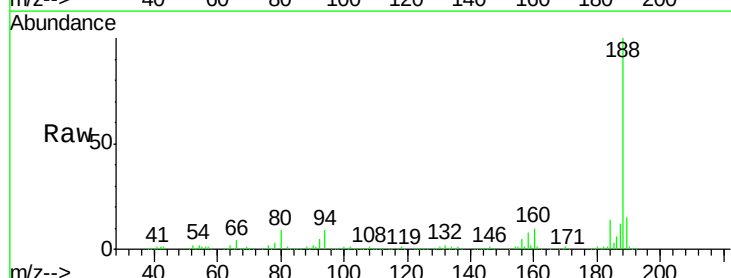
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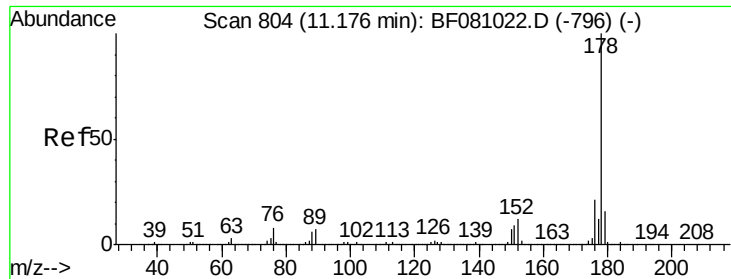
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	243516		
94	8.7		8.2	12.2
80	9.4		9.5	14.3#





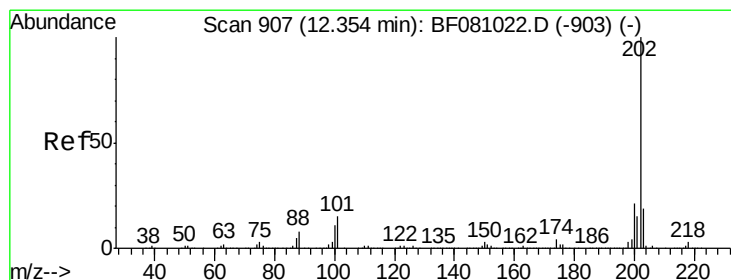
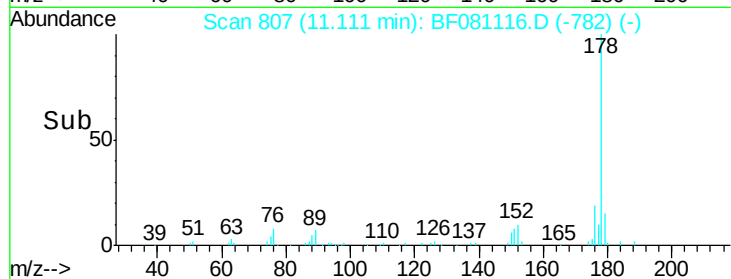
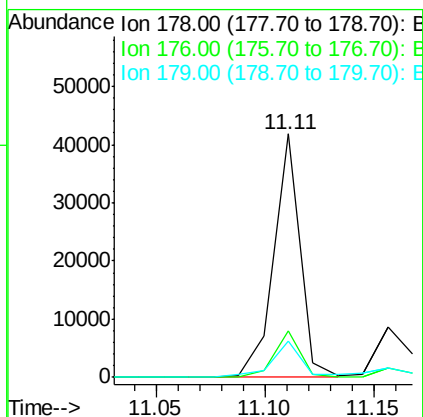
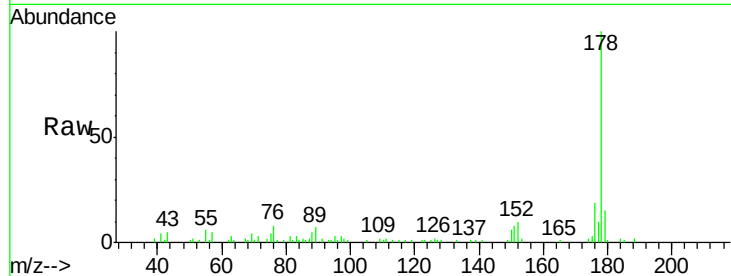
#70
Phenanthrene
Concen: 2.48 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.1	12.2	18.2

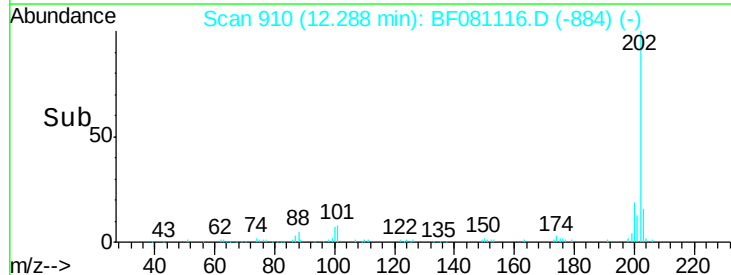
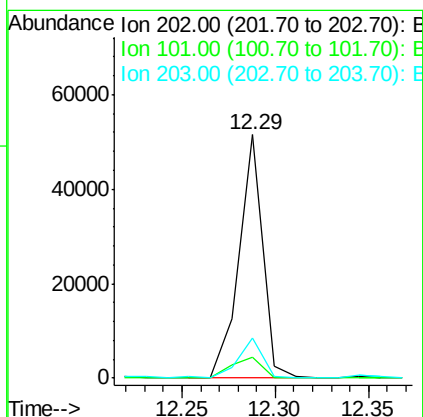
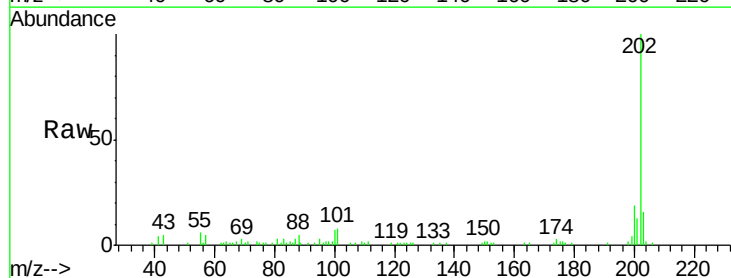
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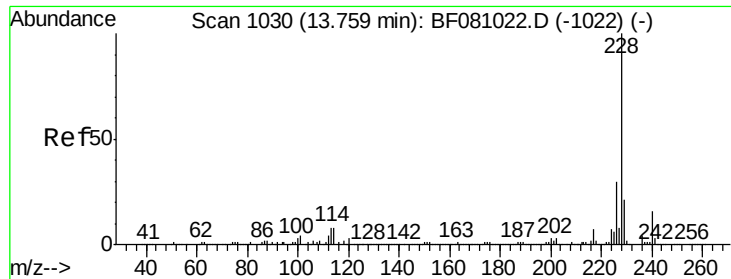
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#74
Fluoranthene
Concen: 2.96 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	24.8
203	16.5	0.0	36.9





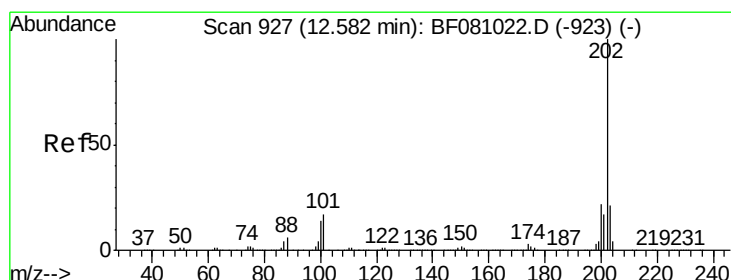
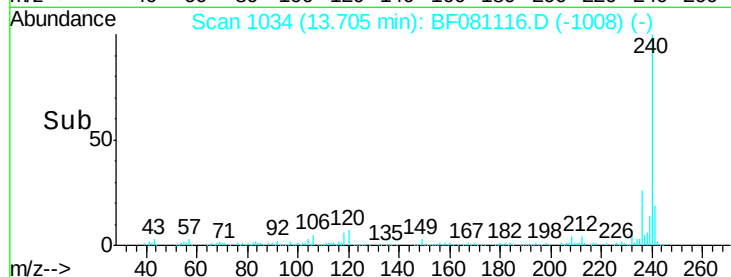
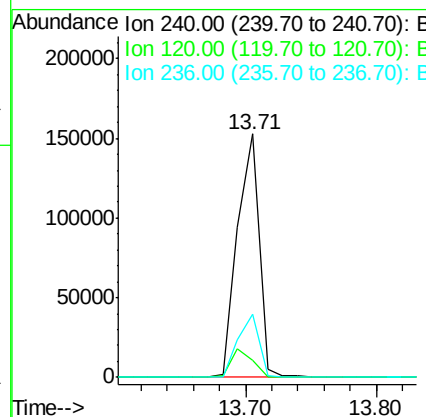
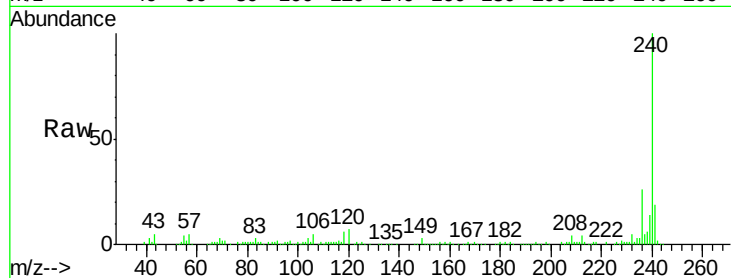
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	175507		
120	7.3	5.6	8.4	
236	25.9	20.6	30.8	

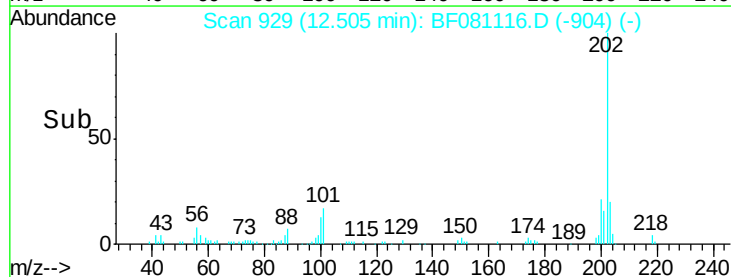
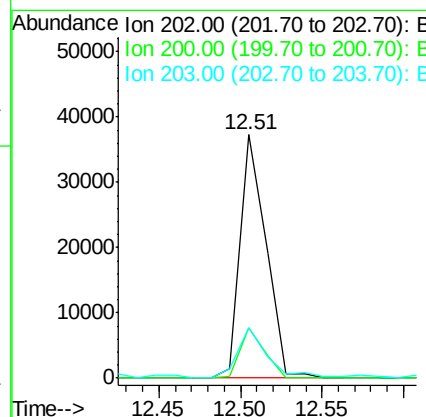
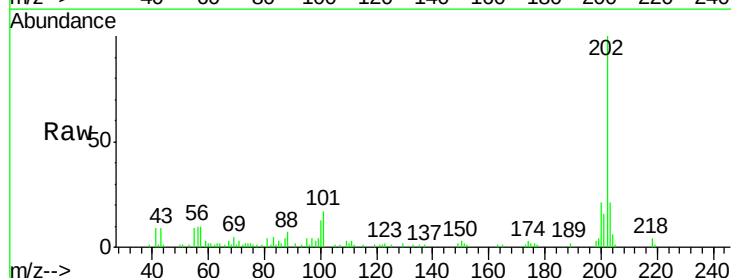
Manual Integrations
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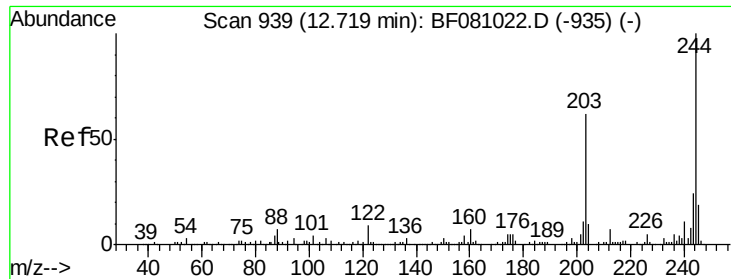
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#77
Pyrene
Concen: 2.85 ng
RT: 12.51 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	40699		
200	20.5	16.6	24.8	
203	20.8	14.1	21.1	





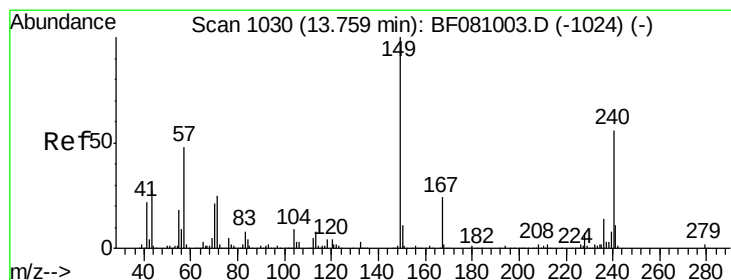
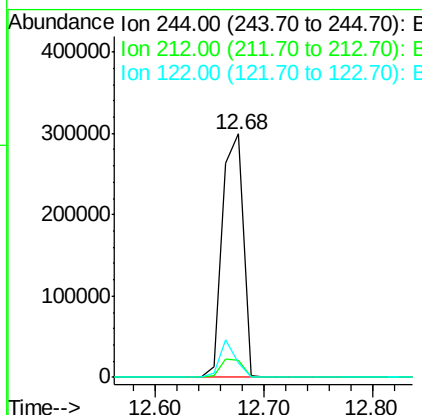
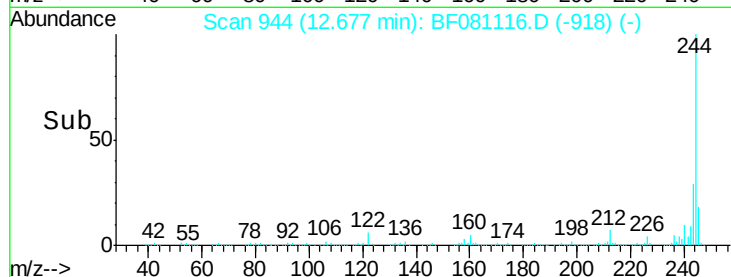
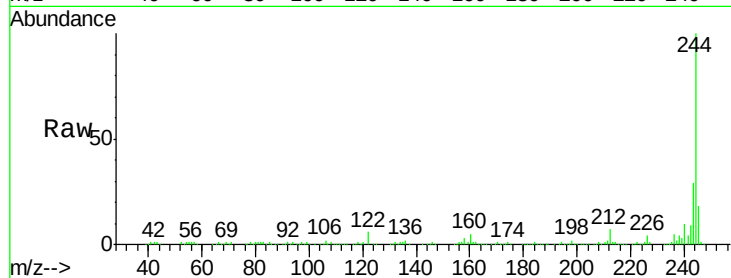
#78
 Terphenyl-d14
 Concen: 48.69 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF081116.D
 Acq: 20 Aug 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	5.8	8.8
122	6.0	8.2	12.4

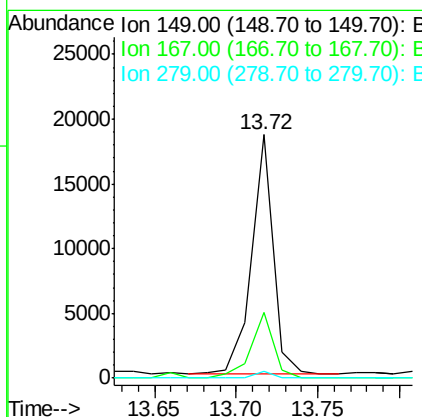
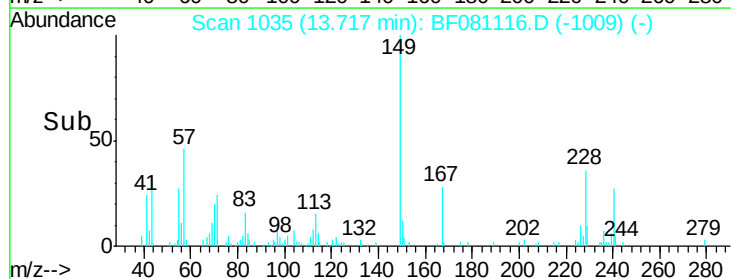
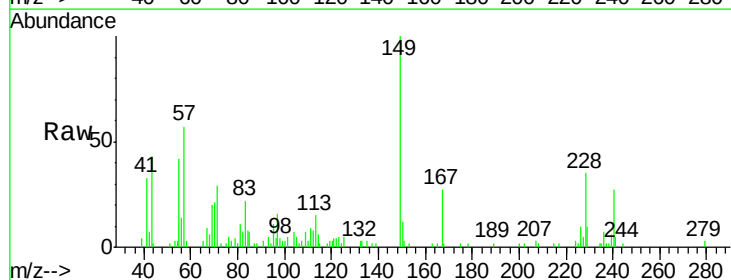
Manual Integrations
 APPROVED

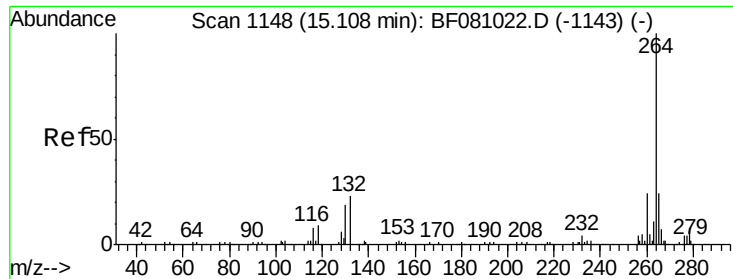
MMDadoda
 8/20/2015 3:42:01 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.15 ng
 RT: 13.72 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF081116.D
 Acq: 20 Aug 2015 9:18

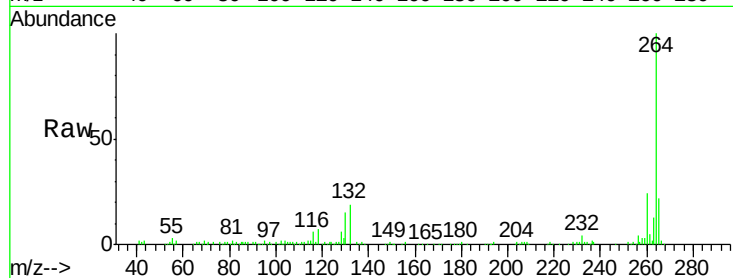
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.2	20.7	31.1
279	2.7	2.2	3.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1



Tgt Ion:	264	Resp:	126445
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.6	29.4
265	21.5	17.5	26.3

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:42:01 PM

