

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078626.D
 Acq On : 18 Apr 2015 6:10
 Operator : TP/IZ
 Sample : G1868-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Manual Integrations
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Quant Time: Apr 18 07:17:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:24:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	39145	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	168050	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	88417	20.00	ng	0.00
63) Phenanthrene-d10	12.22	188	182247	20.00	ng	0.00
75) Chrysene-d12	15.46	240	205807	20.00	ng	0.00
86) Perylene-d12	17.10	264	199065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	300153	126.42	ng	0.01
7) Phenol-d6	6.28	99	408479	137.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	241626	87.15	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	111693	152.32	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	472615	76.41	ng	0.00
78) Terphenyl-d14	14.21	244	629003	69.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.11	163	23873	3.59	ng	99
74) Fluoranthene	13.70	202	29613	2.66	ng	95
77) Pyrene	13.98	202	47237	3.66	ng	99
87) Benzo(b)fluoranthene	16.69	252	37926m	3.08	ng	

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

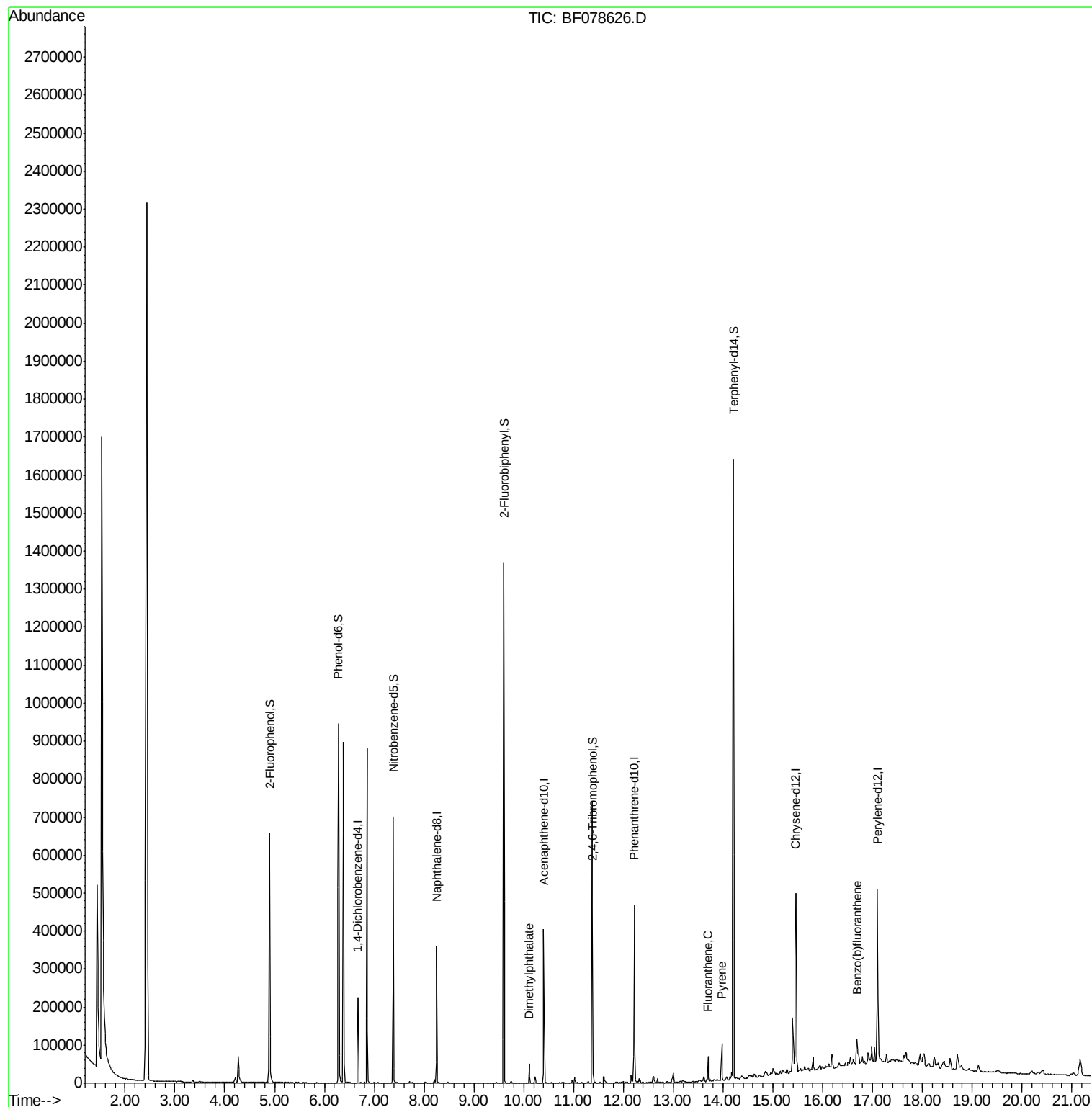
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078626.D
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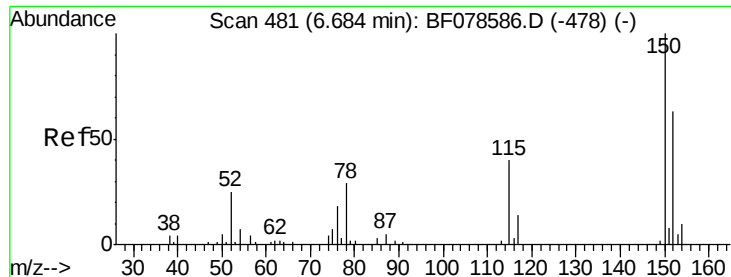
Instrument :
BNA_F
ClientSampleId :
P5-27(0-5)

Manual Integrations
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Quant Time: Apr 18 07:17:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
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#1

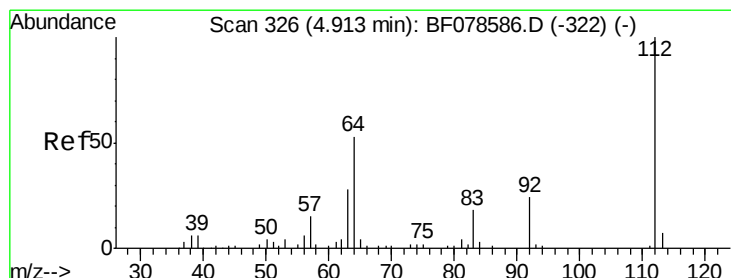
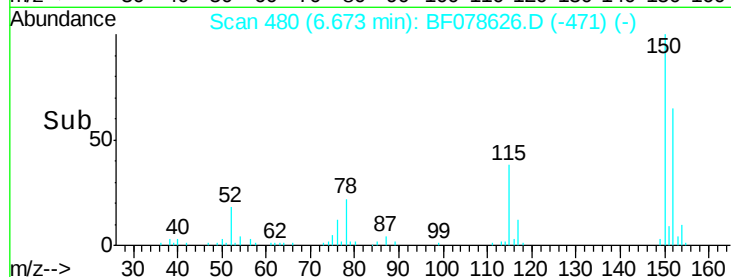
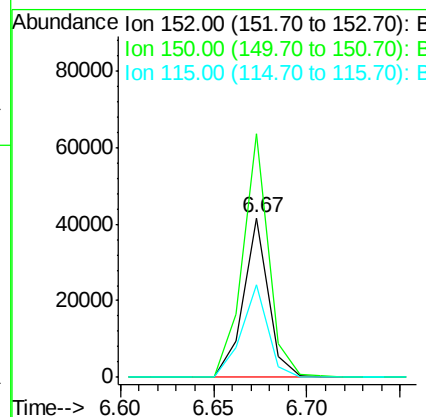
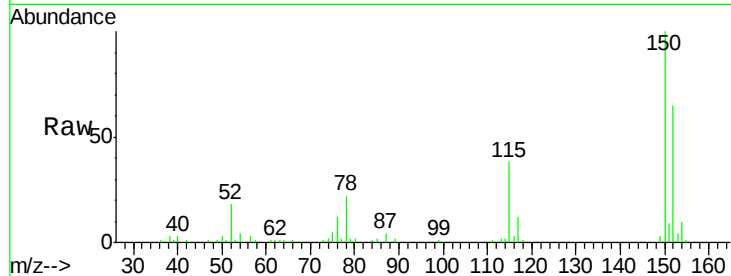
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Instrument :
BNA_F
ClientSampleId :
P5-27(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.9	188.9
115	58.1	52.7	79.1

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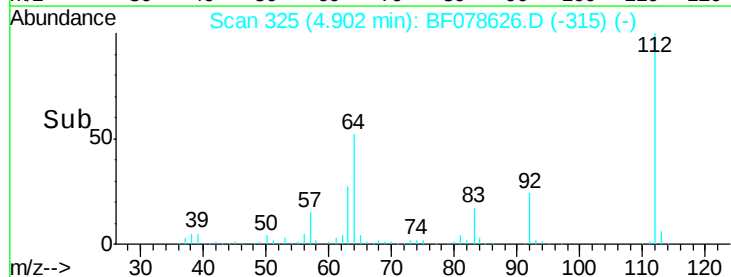
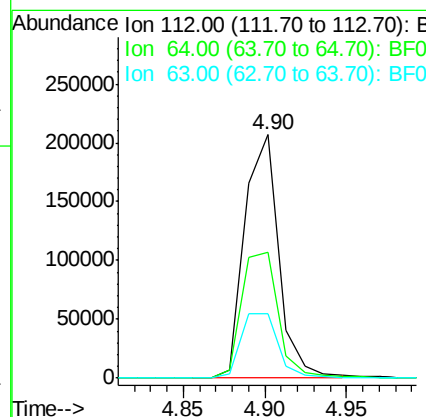
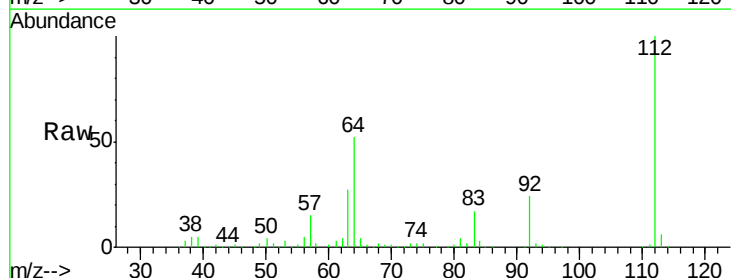
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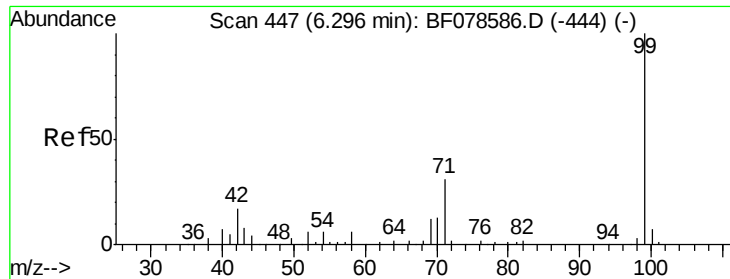


#5

2-Fluorophenol
Concen: 126.42 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.9	59.9
63	26.7	20.2	30.4





#7

Phenol-d6

Concen: 137.29 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Instrument :

BNA_F

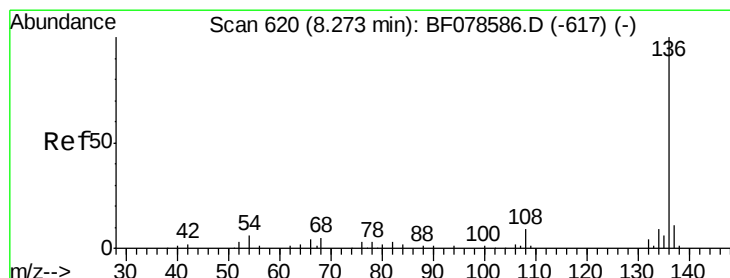
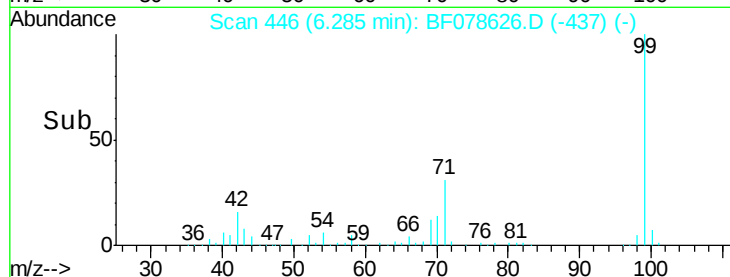
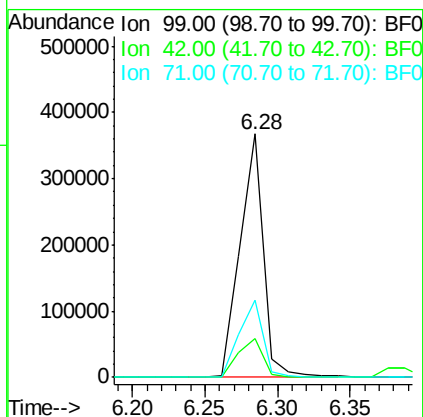
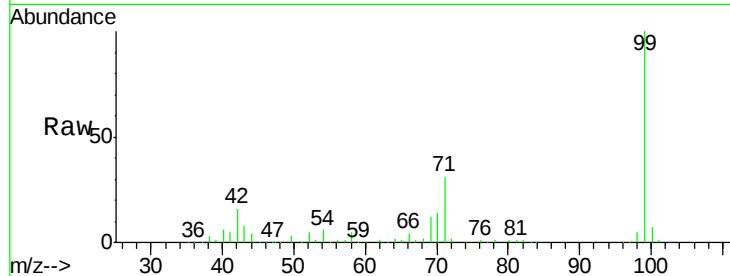
ClientSampleId :

P5-27(0-5)

Tot Ion:	99	Resp:	408479
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.8	22.2
71	31.5	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

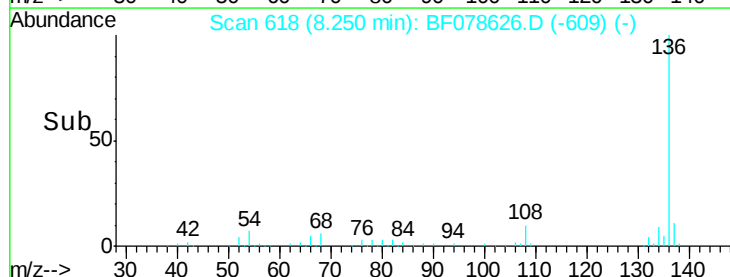
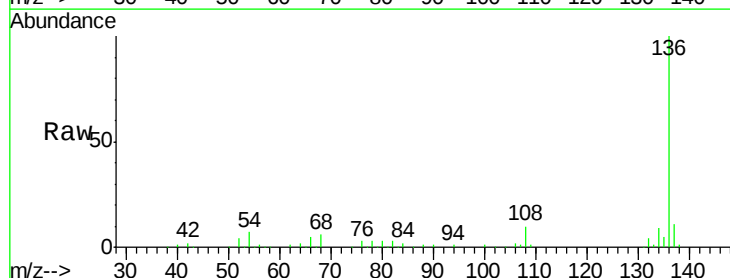
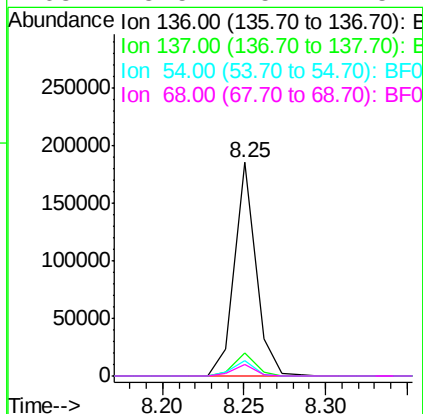
RT: 8.25 min Scan# 618

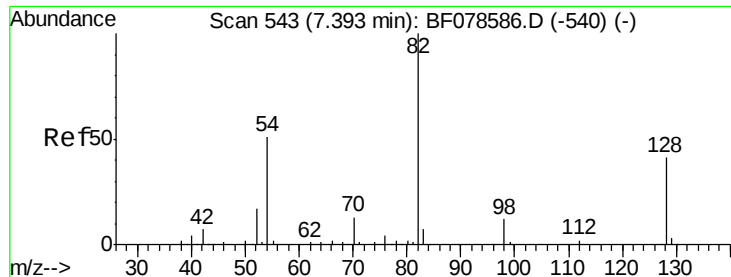
Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Tgt Ion:	136	Resp:	168050
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	7.2	7.0	10.6
68	5.5	5.4	8.2





#23

Nitrobenzene-d5

Concen: 87.15 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Instrument :

BNA_F

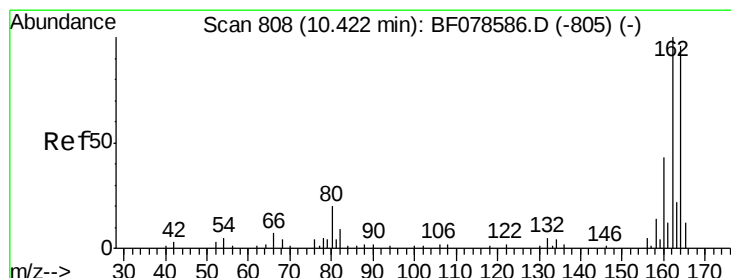
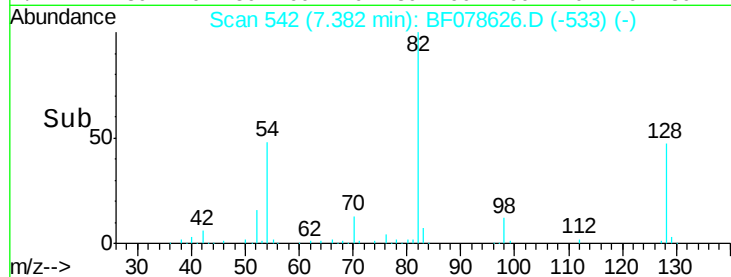
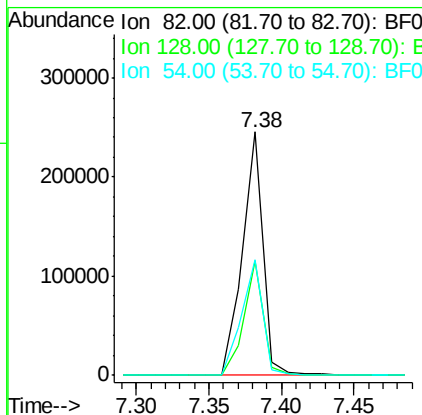
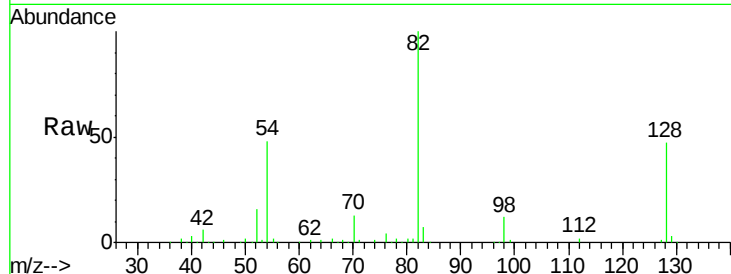
ClientSampleId :

P5-27(0-5)

Tot Ion:	82	Resp:	241626
Ion Ratio	Lower	Upper	
82	100		
128	46.9	31.8	47.8
54	47.5	41.5	62.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

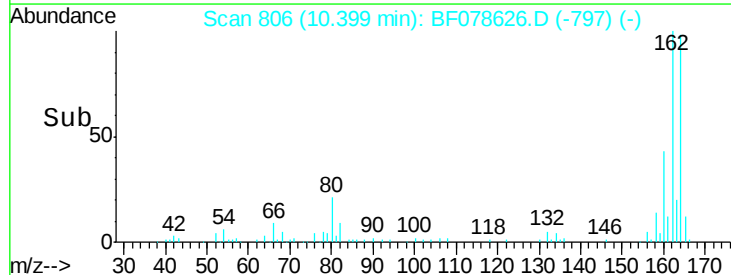
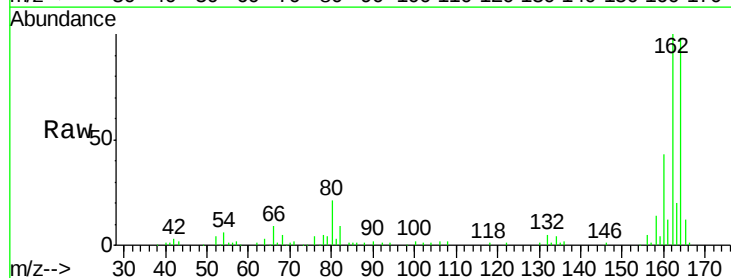
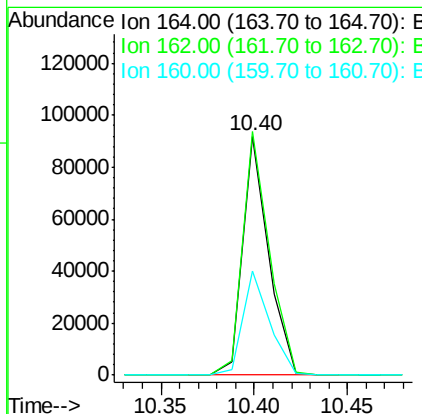
RT: 10.40 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Tgt Ion:	164	Resp:	88417
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.2	123.2
160	43.5	34.7	52.1





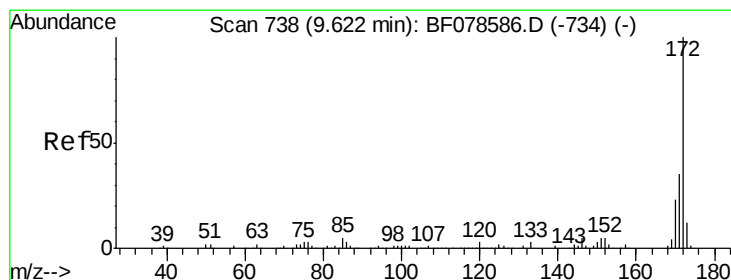
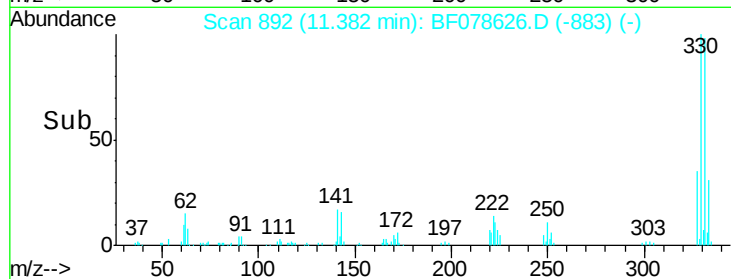
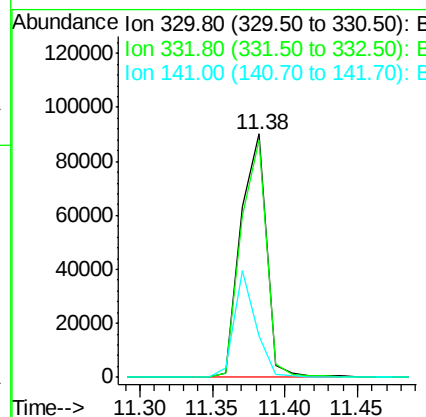
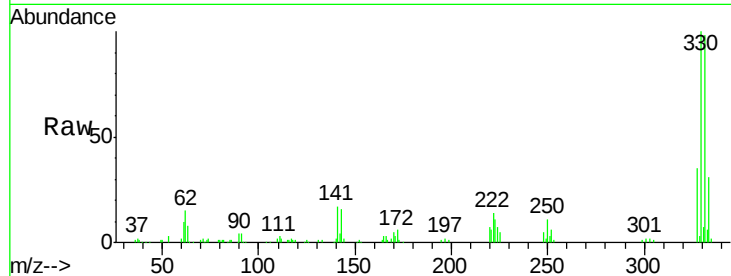
#41
 2,4,6-Tribromophenol
 Concen: 152.32 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.6	117.8	
141	36.8	31.2	46.8	

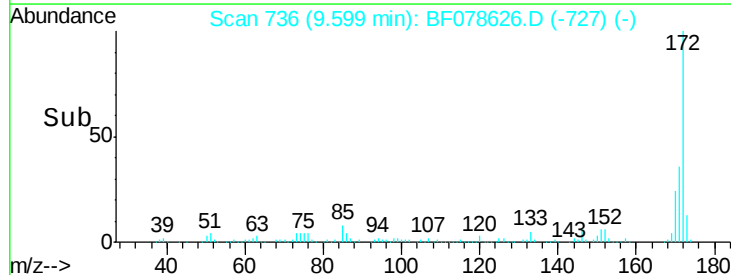
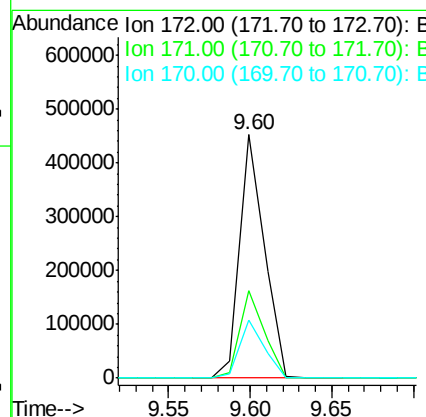
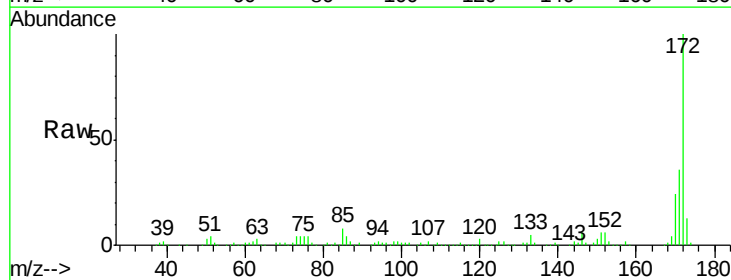
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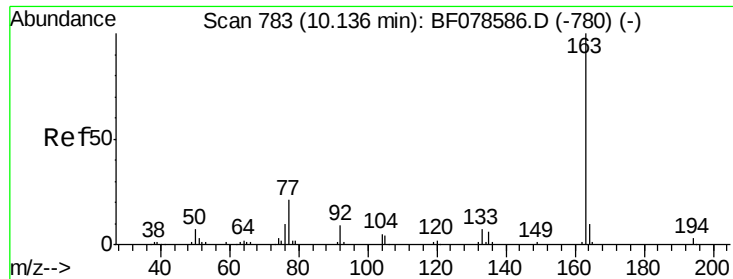
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#44
 2-Fluorobiphenyl
 Concen: 76.41 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	28.6	42.8	
170	24.0	18.5	27.7	





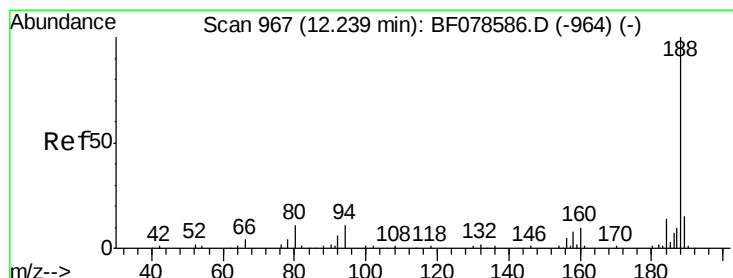
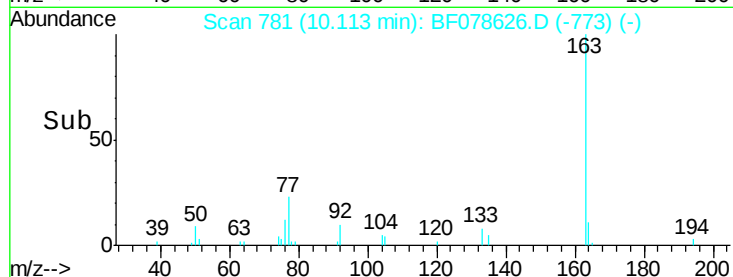
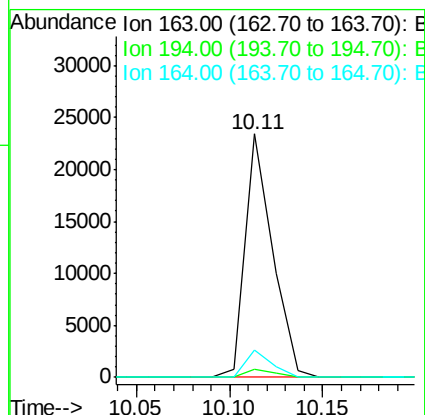
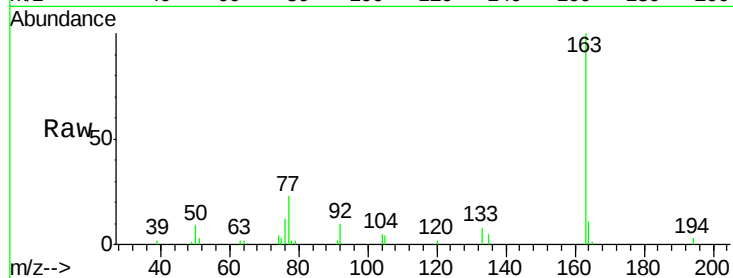
#49
Dimethylphthalate
Concen: 3.59 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Instrument :
BNA_F
ClientSampleId :
P5-27(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	23873		
194	3.3		2.3	3.5
164	11.4		8.6	13.0

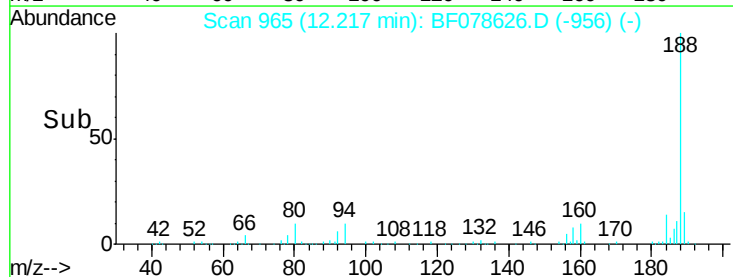
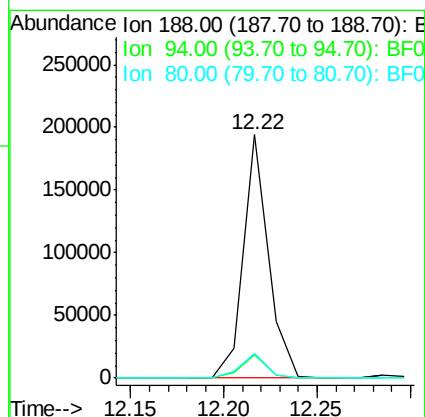
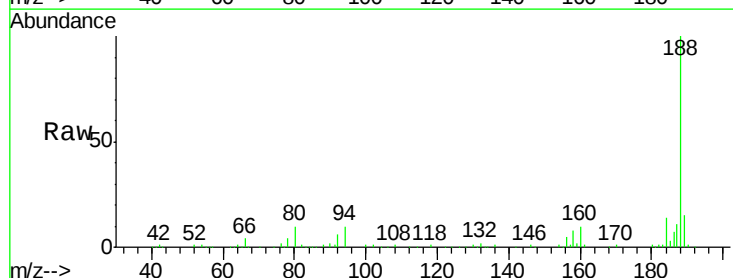
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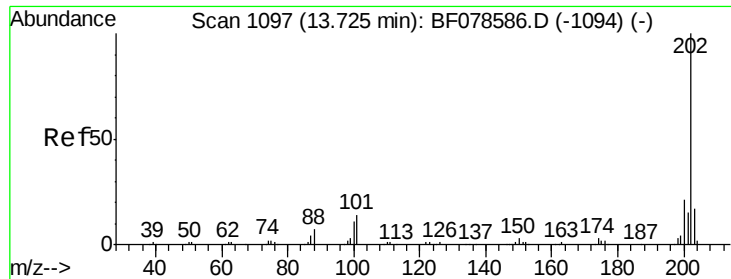
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	182247		
94	9.9		9.0	13.4
80	10.4		9.5	14.3





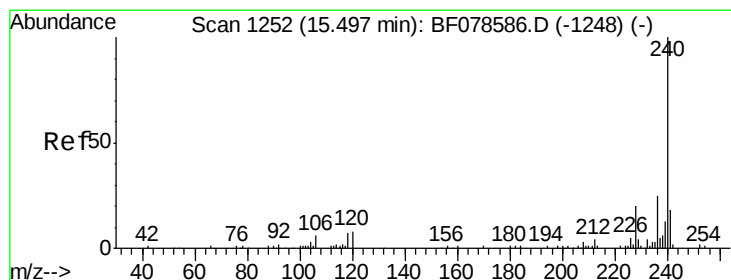
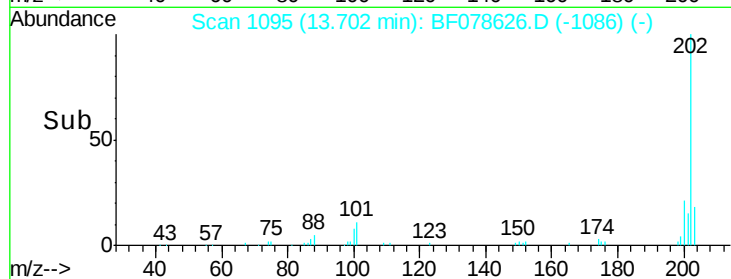
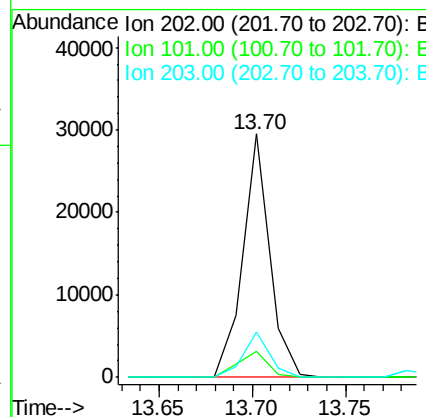
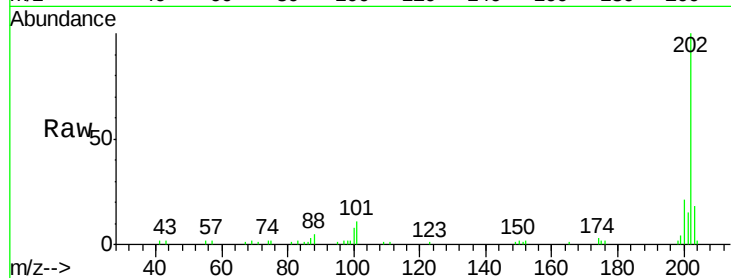
#74
 Fluoranthene
 Concen: 2.66 ng
 RT: 13.70 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	35.2
203	18.5	0.0	38.5

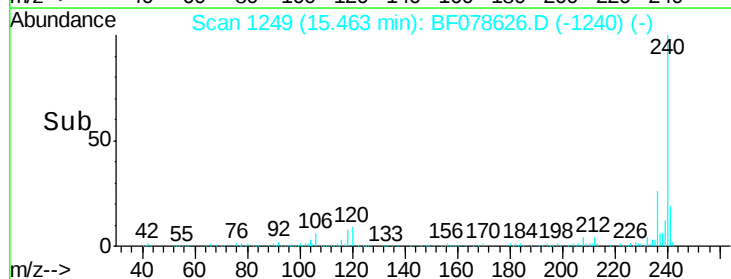
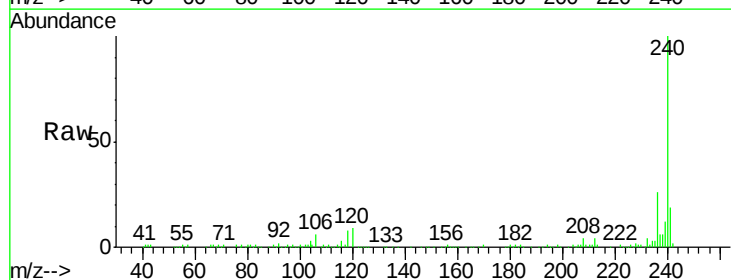
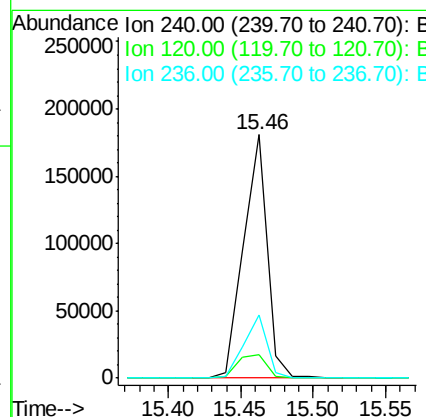
Manual Integrations
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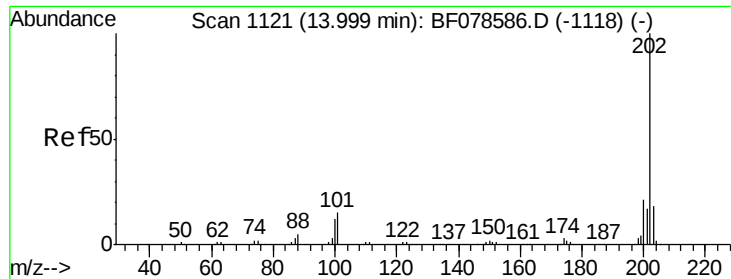
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	7.1	10.7
236	25.9	21.4	32.2





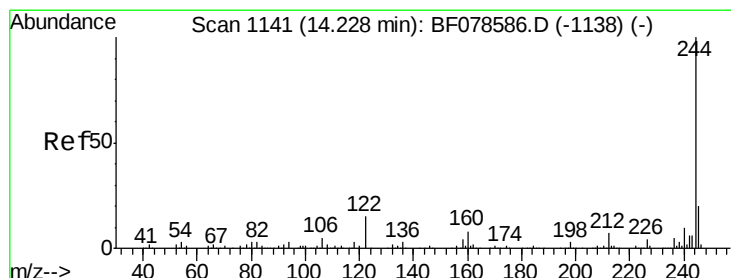
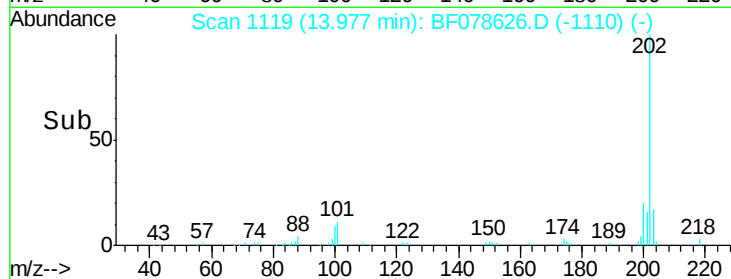
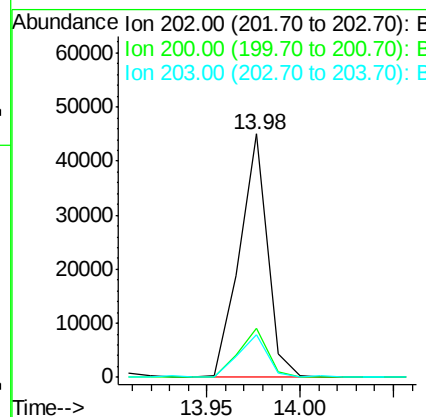
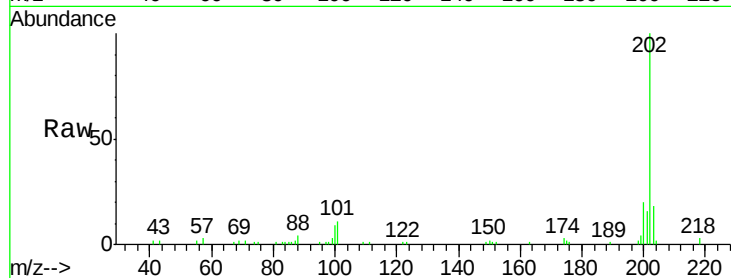
#77
Pvrene
Concen: 3.66 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Instrument :
BNA_F
ClientSampleId :
P5-27(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.7	13.8	20.6

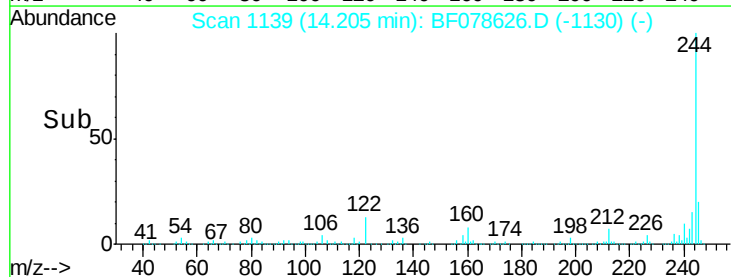
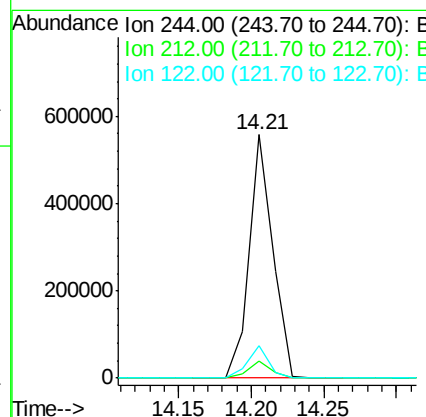
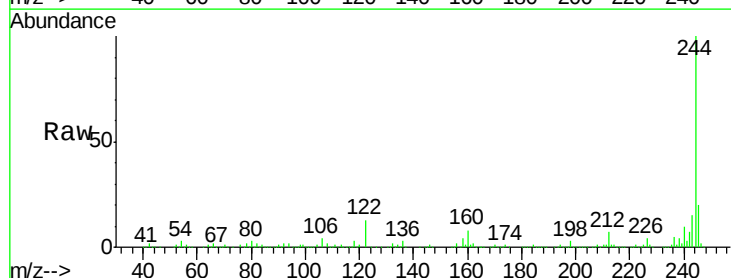
Manual Integrations
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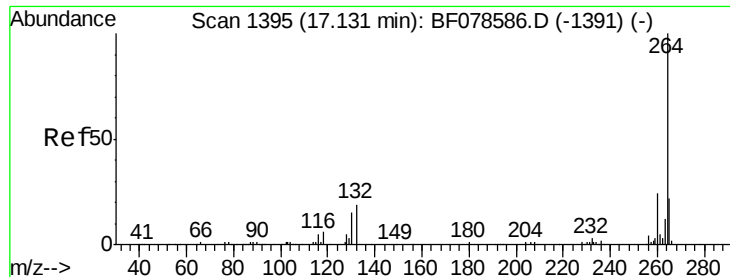
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#78
Terphenyl-d14
Concen: 69.06 ng
RT: 14.21 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.0	7.4
122	13.4	7.1	10.7#





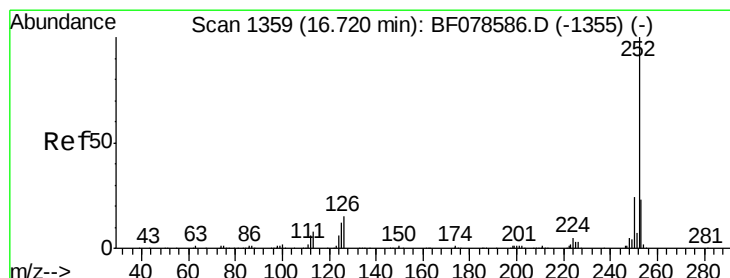
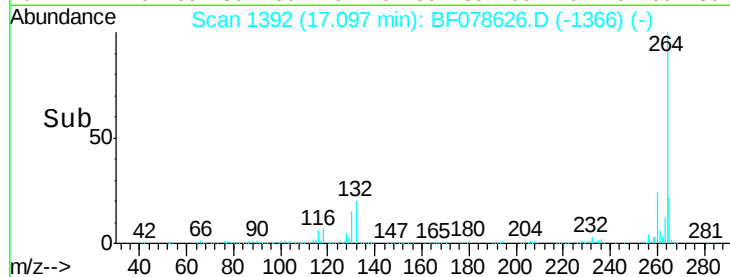
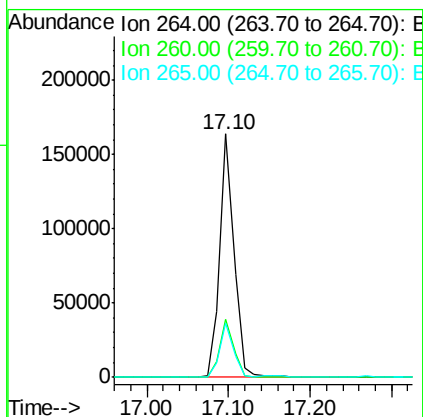
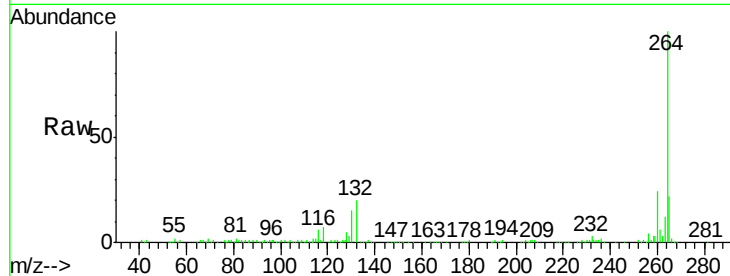
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Instrument :
BNA_F
ClientSampleId :
P5-27(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.2	17.0	25.6

Manual Integrations
APPROVED

apatel
4/20/2015 3:57:02 PM



#87
Benzo(b)fluoranthene
Concen: 3.08 ng m
RT: 16.69 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF078626.D
Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	13.8	7.0	10.4

