

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077824.D
 Acq On : 19 Mar 2015 6:38
 Operator : TP/IZ
 Sample : G1535-01 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1B-1-B-5(0-6)

Manual Integrations
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Quant Time: Mar 19 08:30:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38589	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	155774	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	79547	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	156749	20.00	ng	0.01
75) Chrysene-d12	16.04	240	181242	20.00	ng	0.01
86) Perylene-d12	17.84	264	182362	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	19030	8.61	ng	0.02
7) Phenol-d6	6.74	99	29834	10.92	ng	0.01
23) Nitrobenzene-d5	7.86	82	14852	6.25	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	3679	4.83	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	38630	7.14	ng	0.00
78) Terphenyl-d14	14.74	244	50316	6.78	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.77	178	20720	2.30	ng	97
74) Fluoranthene	14.25	202	55718	5.61	ng	93
77) Pyrene	14.53	202	49652	4.36	ng	99
80) Benzo(a)anthracene	16.03	228	22692m	2.11	ng	
82) Chrysene	16.08	228	24163	2.50	ng	95
87) Benzo(b)fluoranthene	17.37	252	31539m	2.65	ng	

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

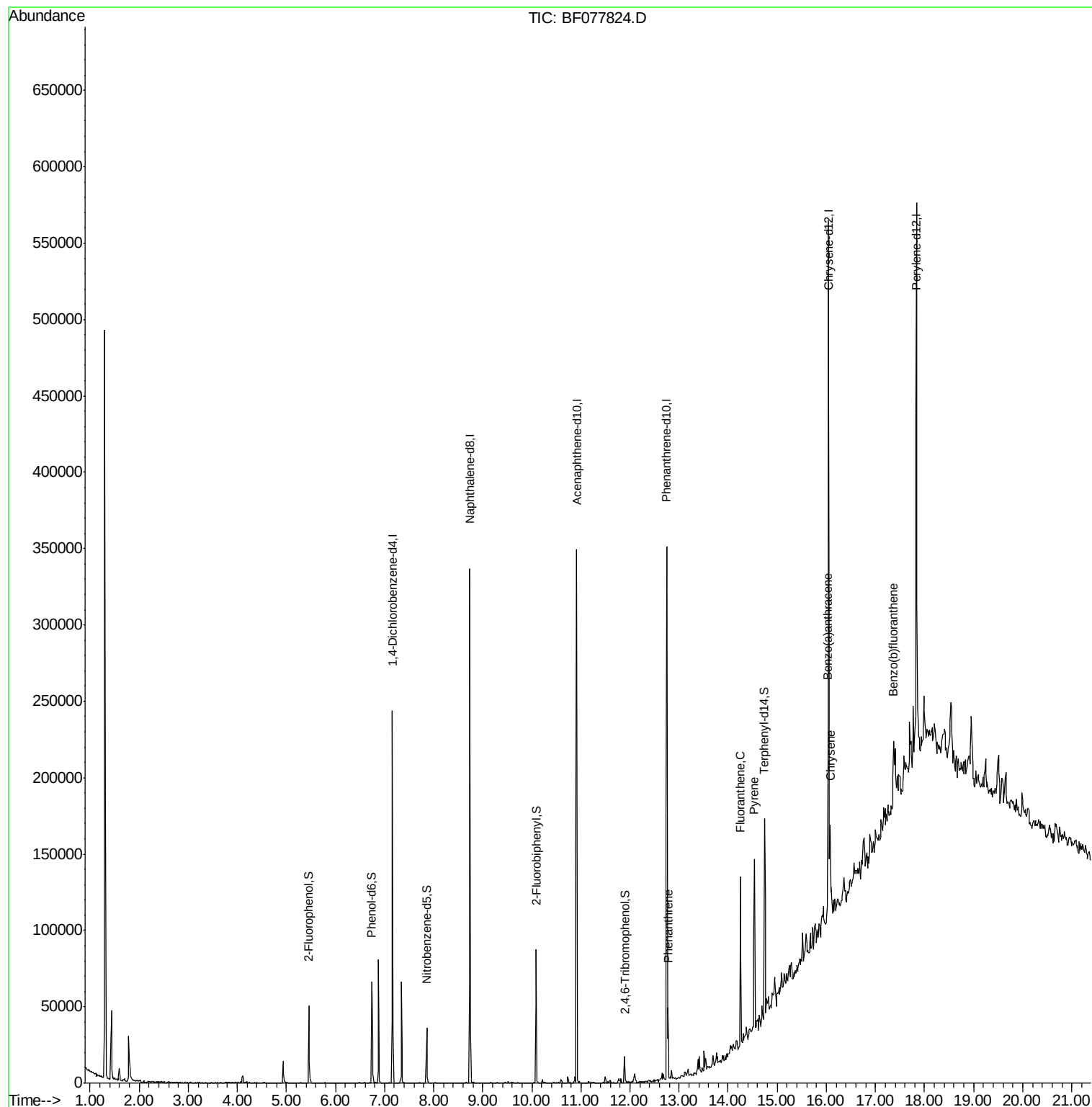
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077824.D
Acq On : 19 Mar 2015 6:38
Operator : TP/IZ
Sample : G1535-01 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

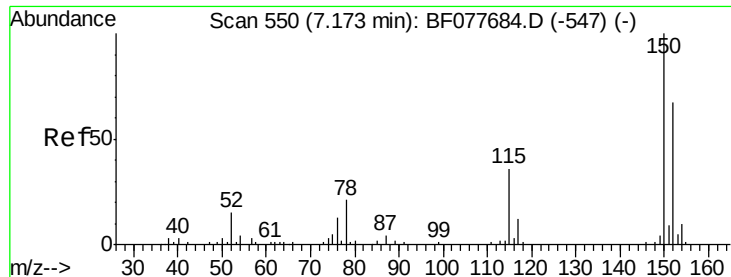
Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

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Quant Time: Mar 19 08:30:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:21:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077824.D

Acq: 19 Mar 2015 6:38

Instrument :

BNA_F

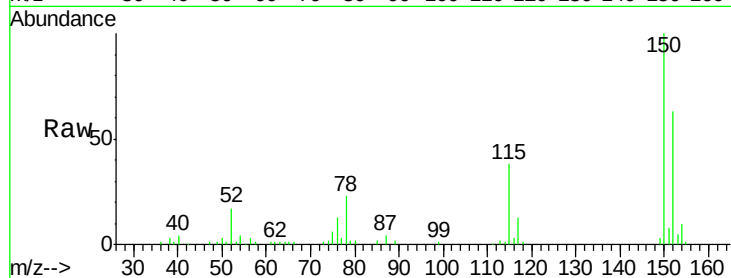
ClientSampleId :

COMP1B-1-B-5(0-6)

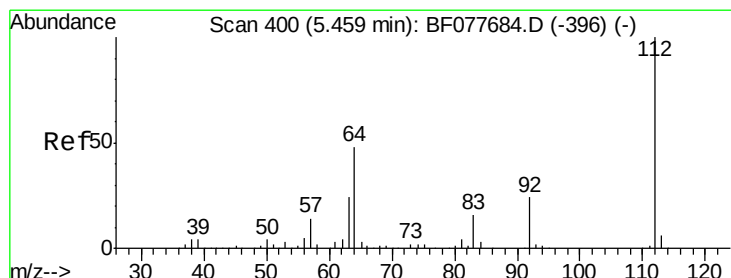
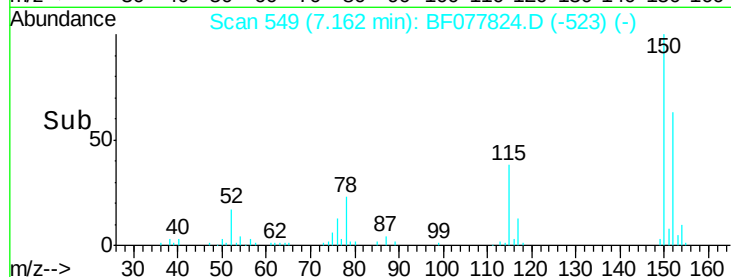
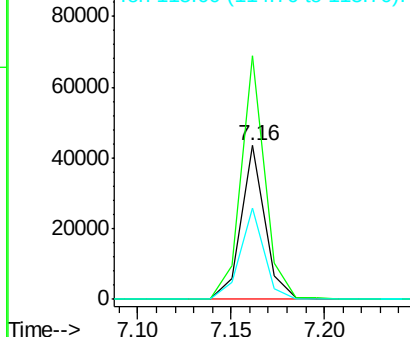
Tot Ion:	152	Resp:	38589
Ion Ratio	Lower	Upper	
152	100		
150	158.4	119.5	179.3
115	59.5	43.0	64.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 8.61 ng

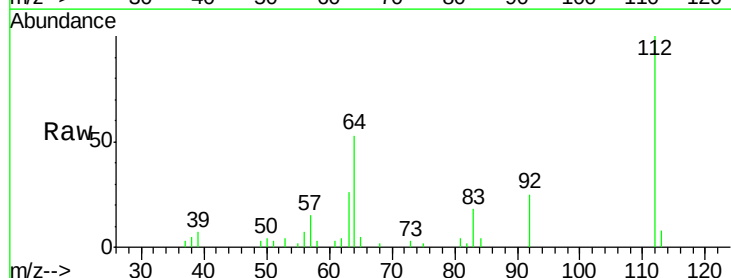
RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

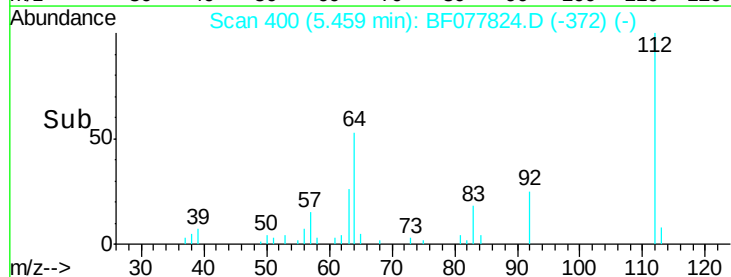
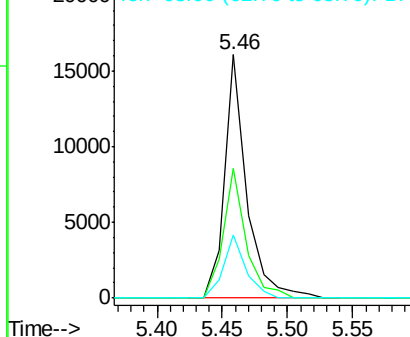
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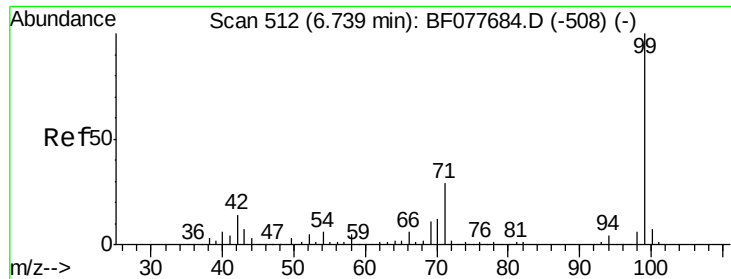
Acq: 19 Mar 2015 6:38

Tgt Ion:	112	Resp:	19030
Ion Ratio	Lower	Upper	
112	100		
64	53.4	38.6	57.8
63	25.9	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.92 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077824.D

Acq: 19 Mar 2015 6:38

Instrument :

BNA_F

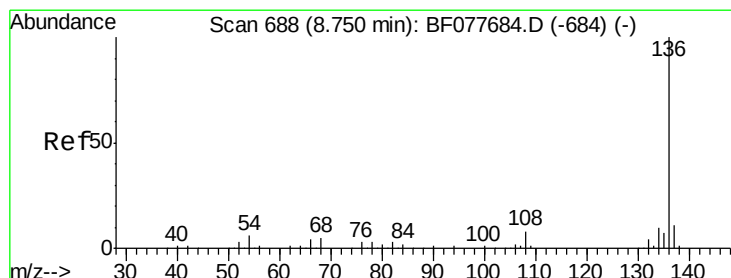
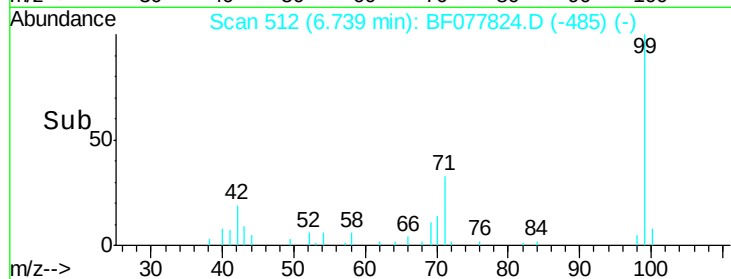
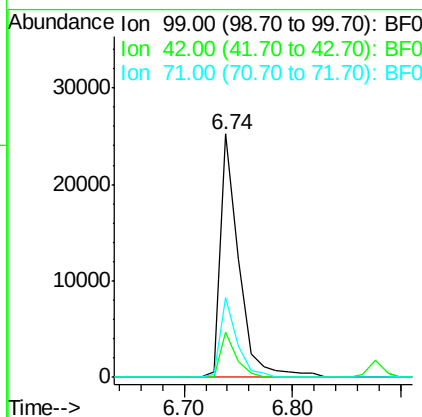
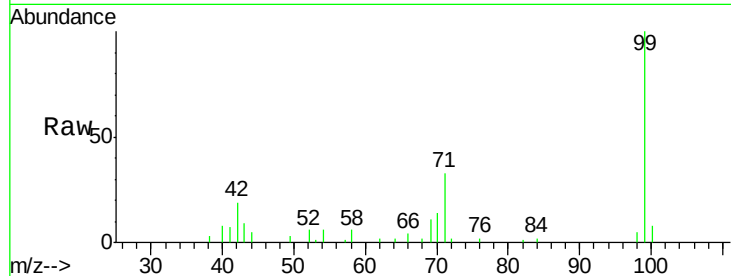
ClientSampleId :

COMP1B-1-B-5(0-6)

Tot Ion:	99	Resp:	29834
Ion Ratio	Lower	Upper	
99	100		
42	18.8	11.0	16.4#
71	32.5	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

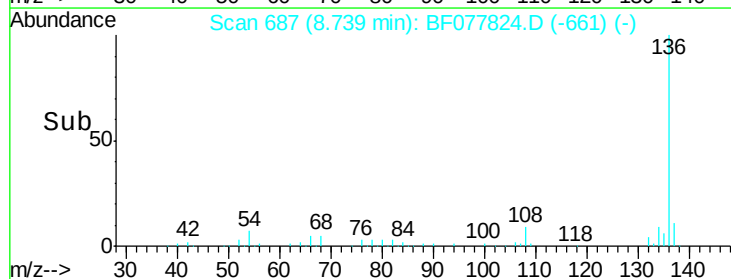
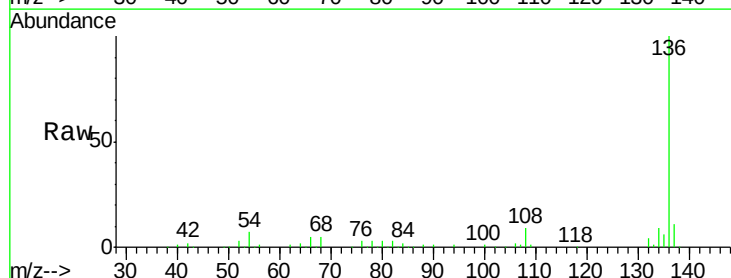
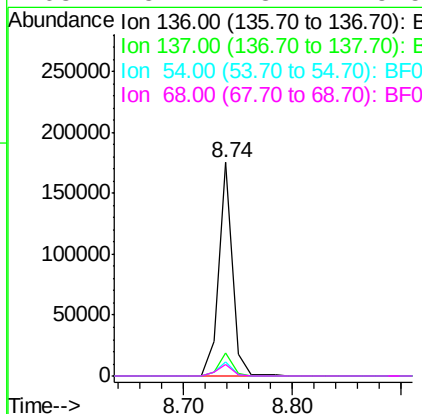
RT: 8.74 min Scan# 687

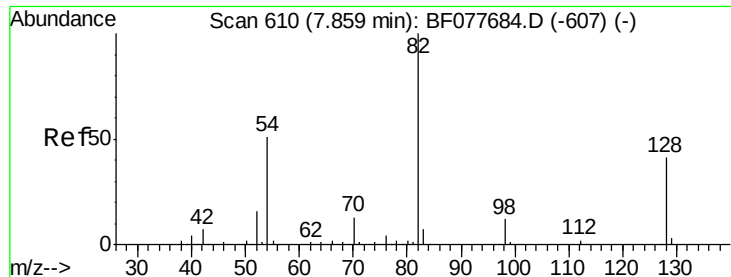
Delta R.T. -0.00 min

Lab File: BF077824.D

Acq: 19 Mar 2015 6:38

Tgt Ion:	136	Resp:	155774
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	6.6	4.6	6.8
68	5.4	3.7	5.5





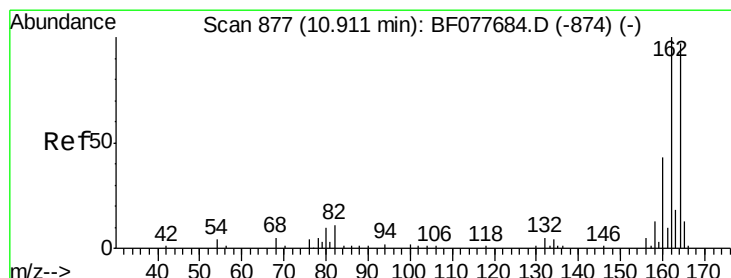
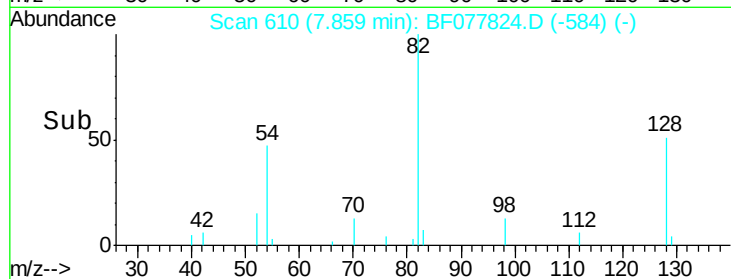
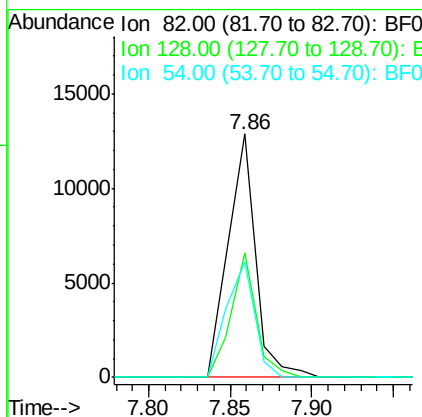
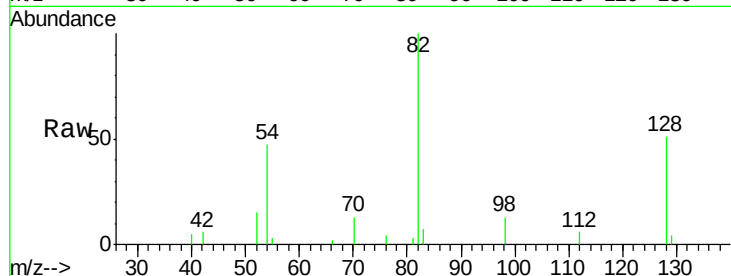
#23
Nitrobenzene-d5
Concen: 6.25 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	32.8	49.2#
54	47.3	40.6	60.8

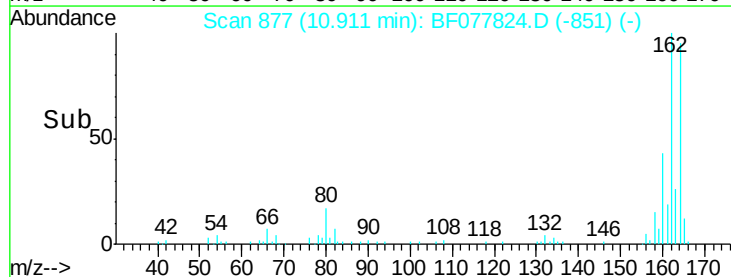
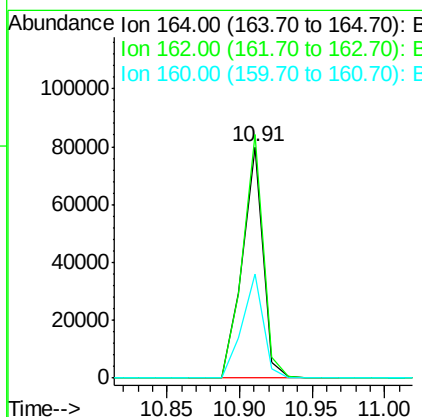
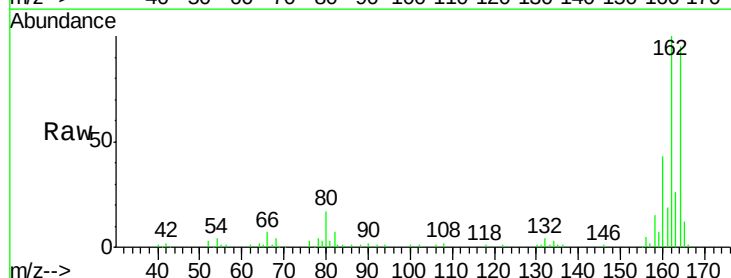
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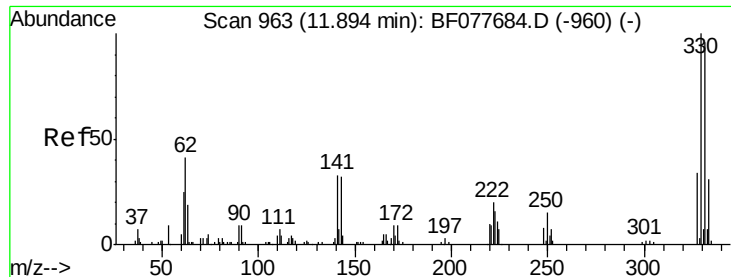
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	45.3	35.8	53.6





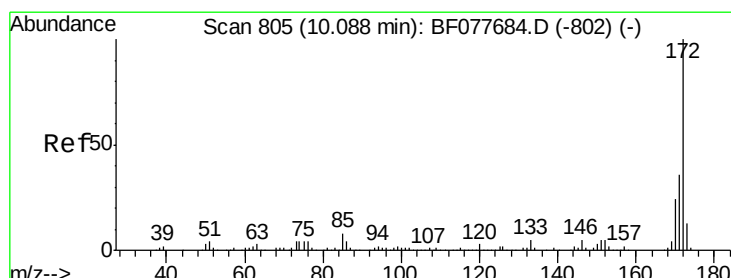
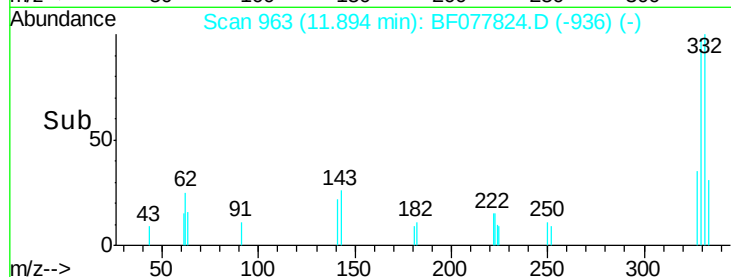
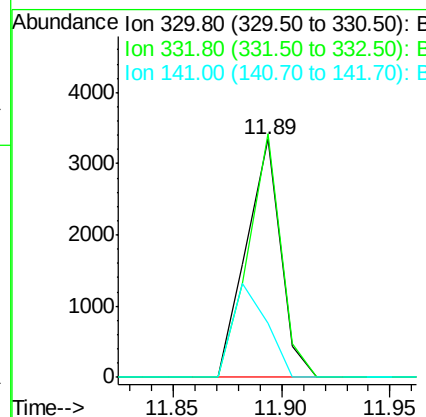
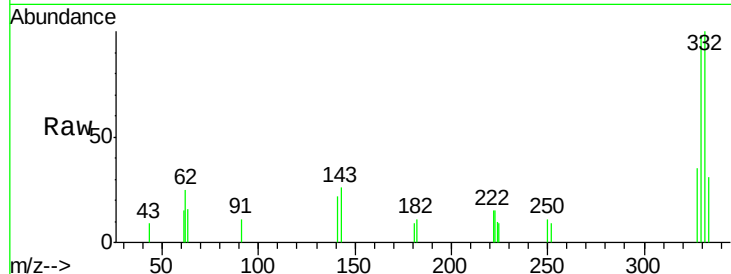
#41
 2,4,6-Tribromophenol
 Concen: 4.83 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF077824.D
 Acq: 19 Mar 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	0.0	0.0	0.0
141	38.7	0.0	0.0	0.0

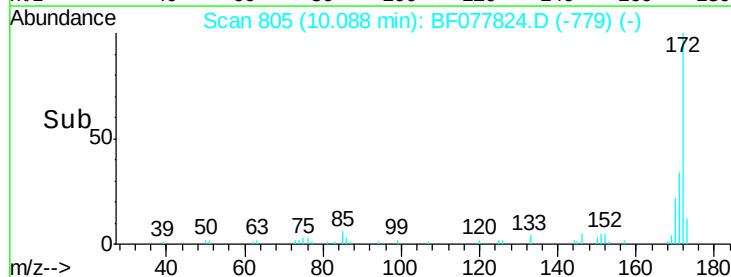
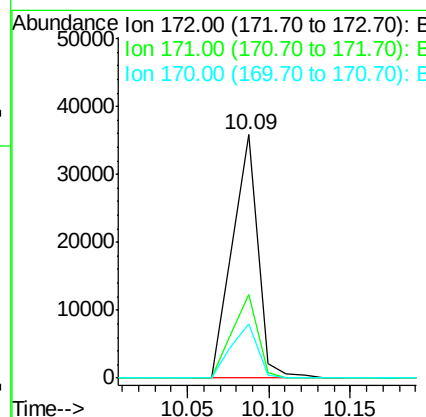
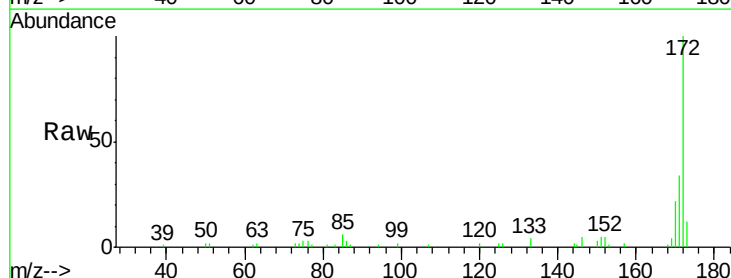
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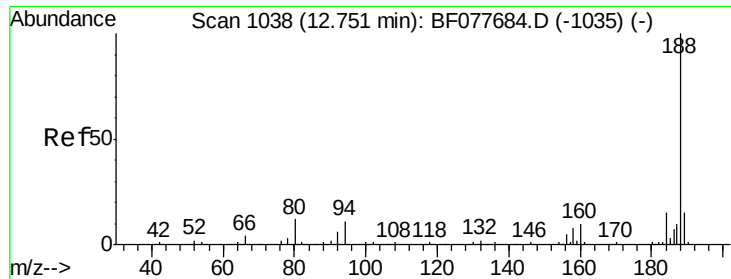
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#44
 2-Fluorobiphenyl
 Concen: 7.14 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077824.D
 Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.4	28.5	42.7	
170	22.5	18.8	28.2	





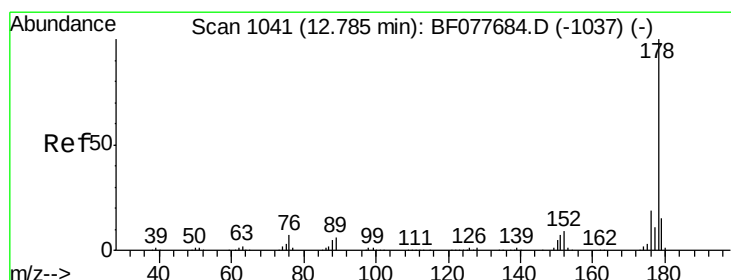
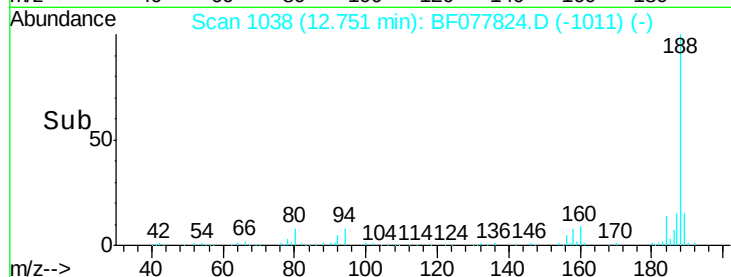
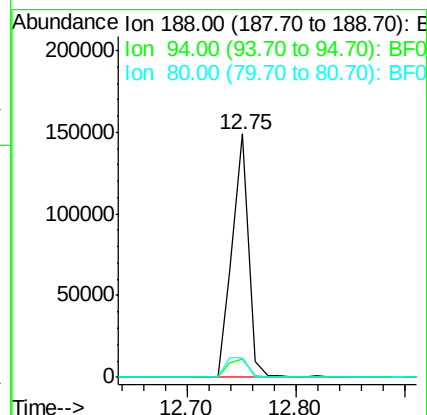
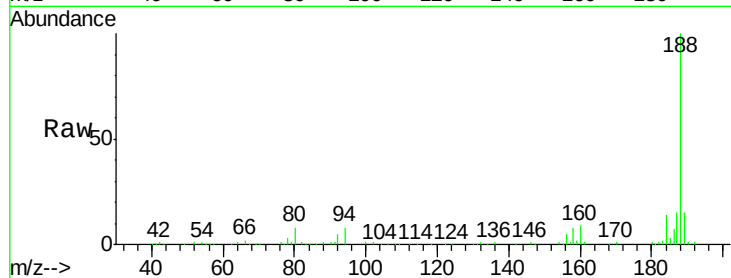
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	8.2	9.3	13.9#

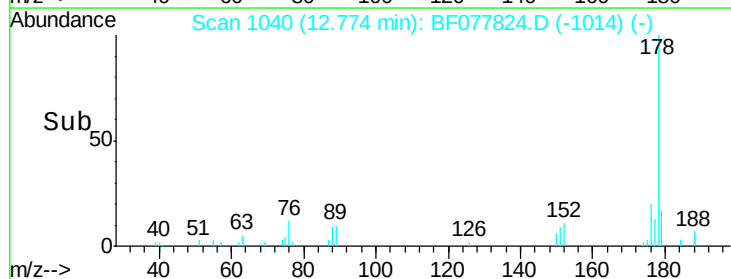
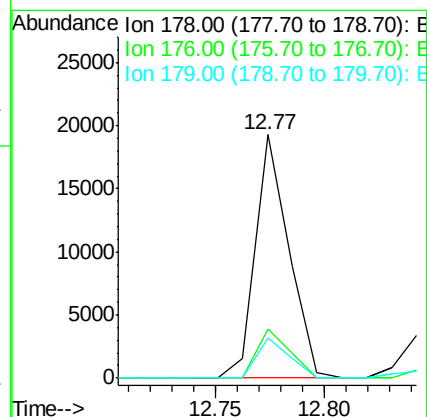
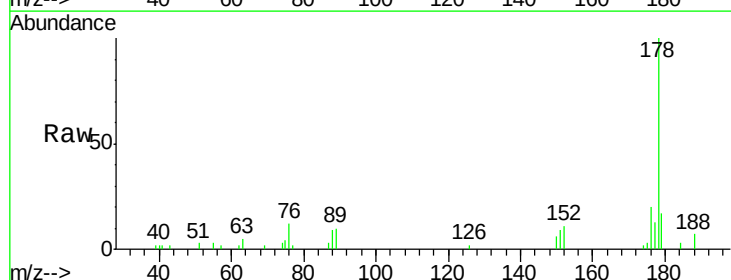
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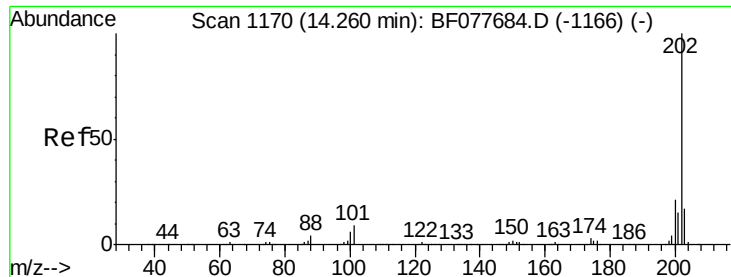
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#70
Phenanthrene
Concen: 2.30 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.1	15.2	22.8
179	16.7	12.1	18.1





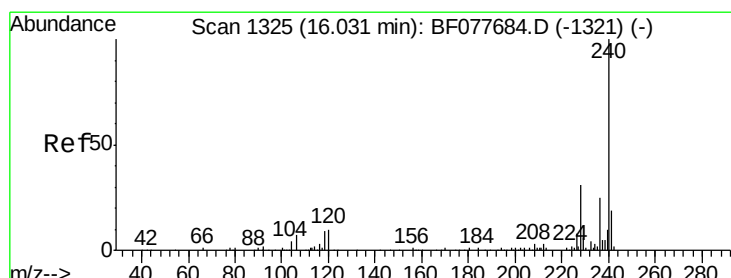
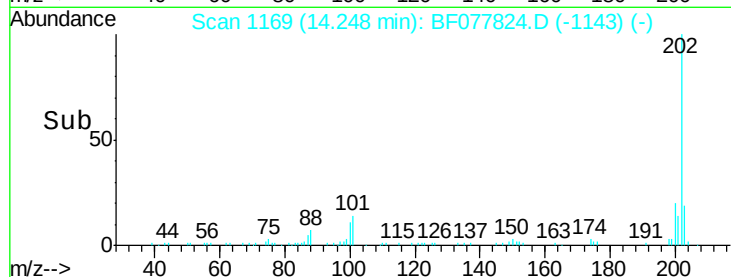
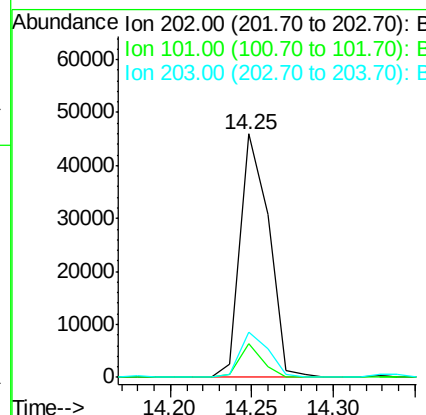
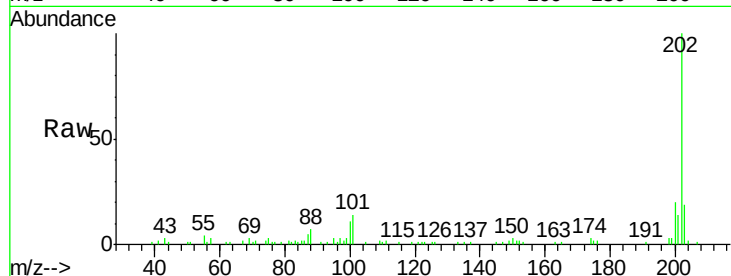
#74
Fluoranthene
Concen: 5.61 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	28.7
203	18.8	0.0	37.2

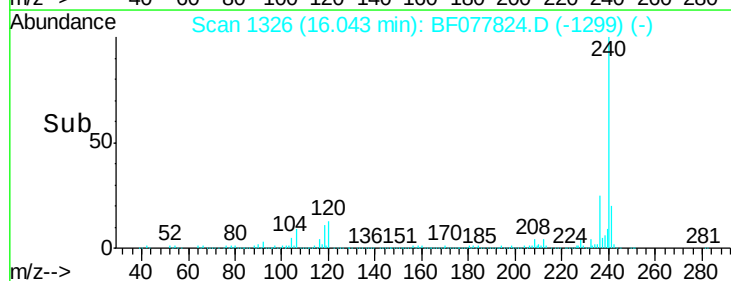
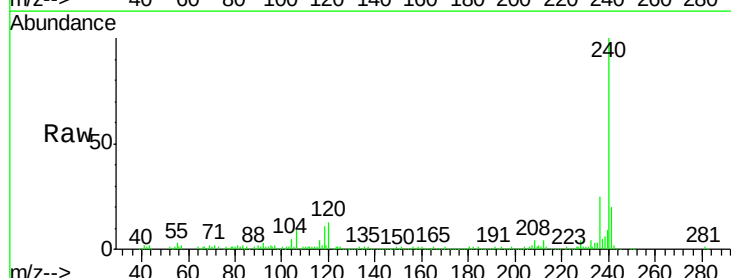
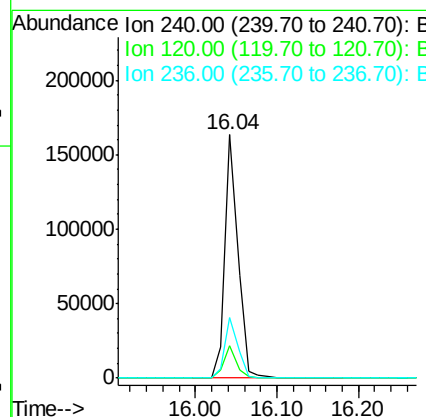
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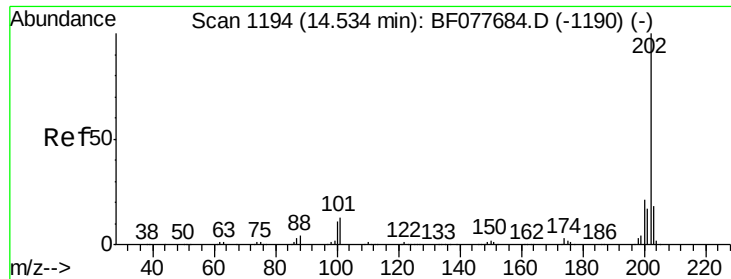
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	8.2	12.2#
236	24.8	20.0	30.0





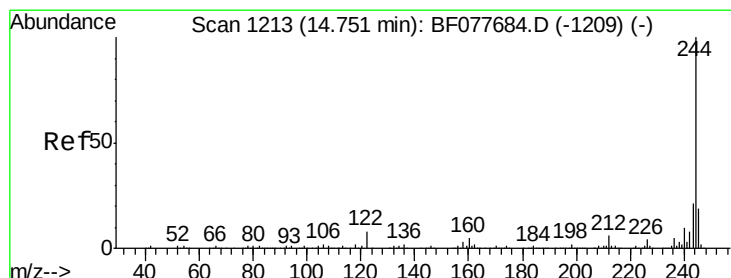
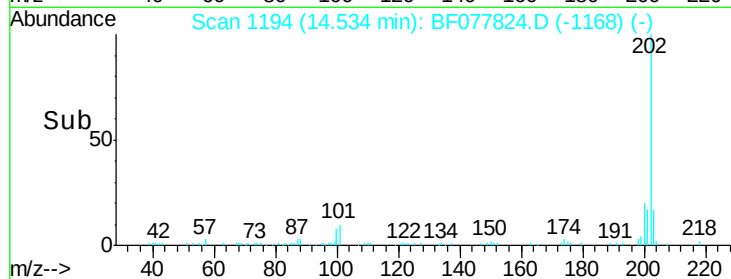
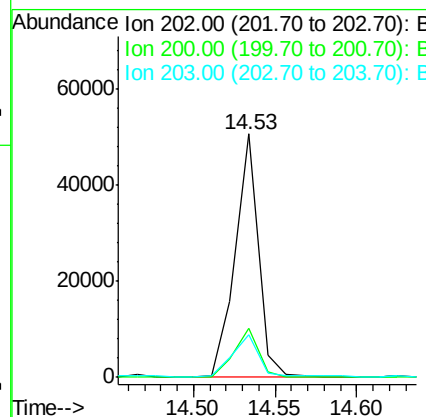
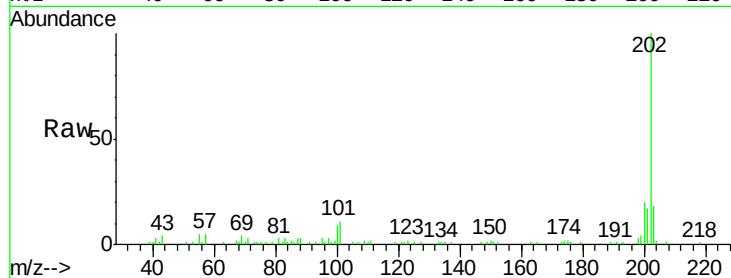
#77
Pvrene
Concen: 4.36 ng
RT: 14.53 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.8	14.1	21.1

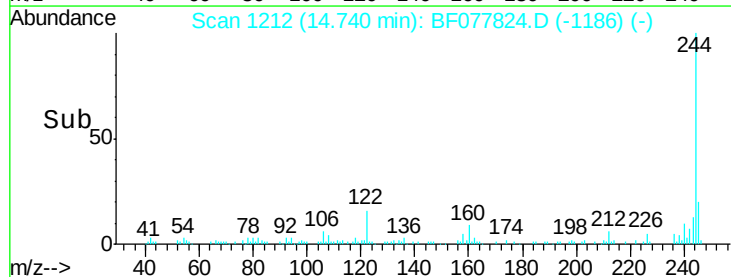
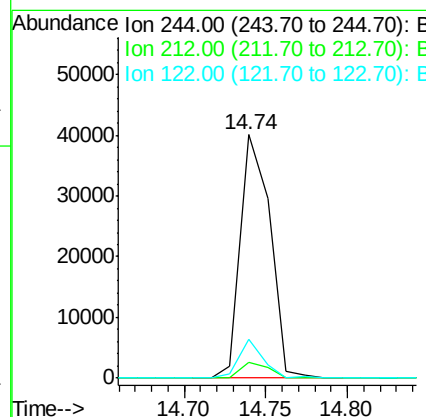
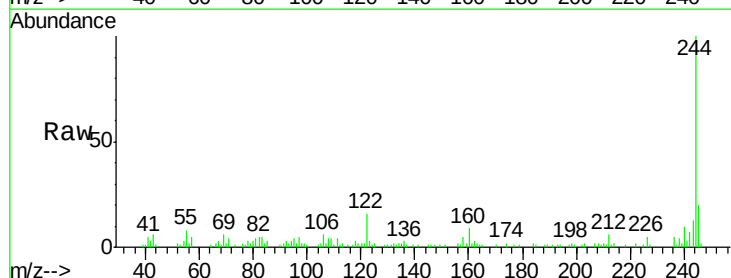
Manual Integrations
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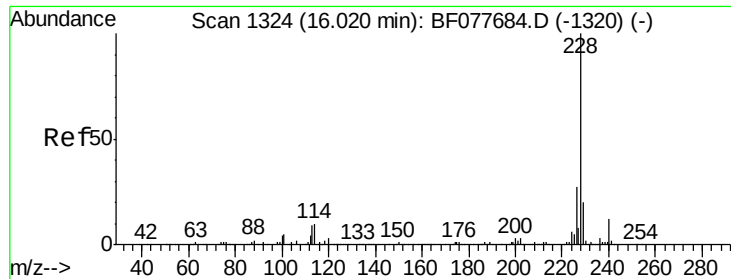
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#78
Terphenyl-d14
Concen: 6.78 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	16.1	6.2	9.4





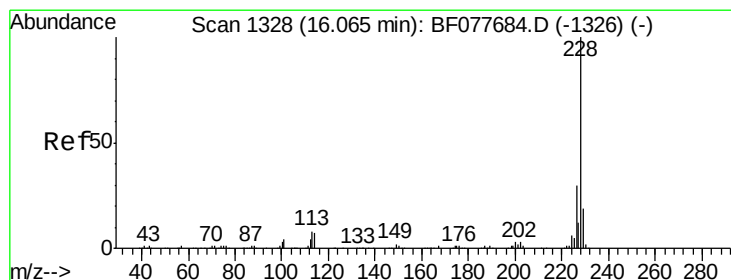
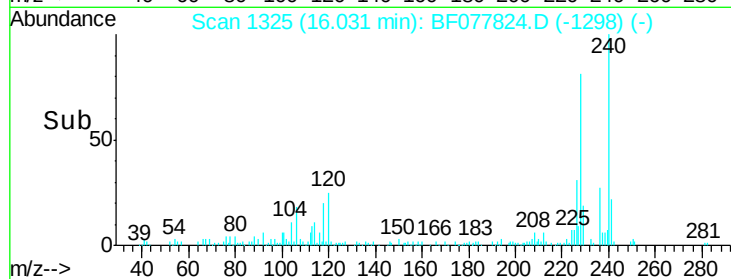
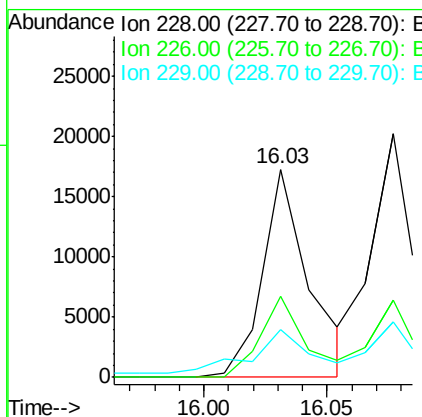
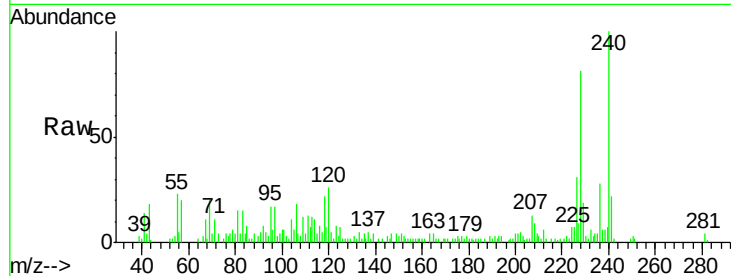
#80
Benzo(a)anthracene
Concen: 2.11 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.8	21.7	32.5
229	23.1	16.0	24.0

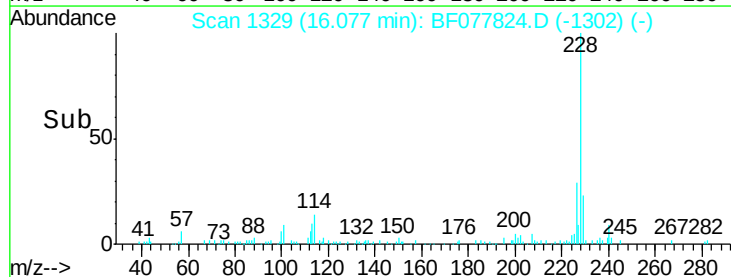
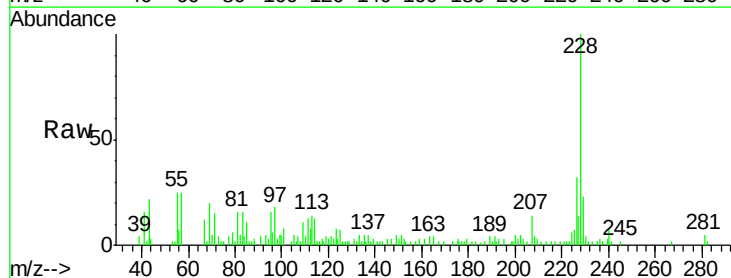
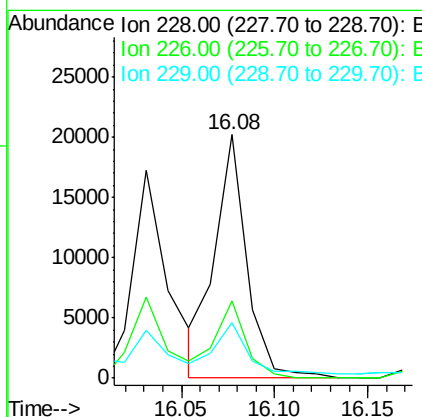
Manual Integrations
APPROVED

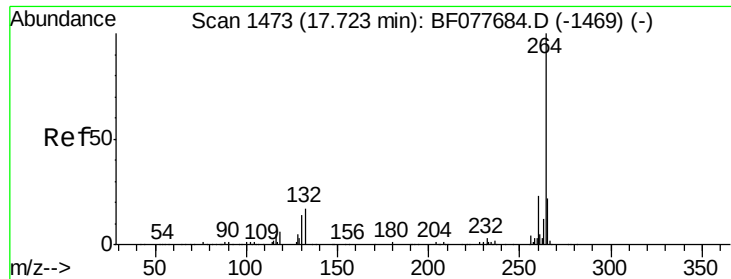
mohammad
3/20/2015 1:48:40 PM



#82
Chrysene
Concen: 2.50 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.1	36.1
229	22.5	15.5	23.3





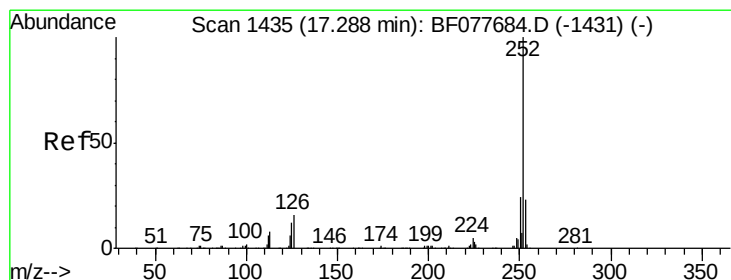
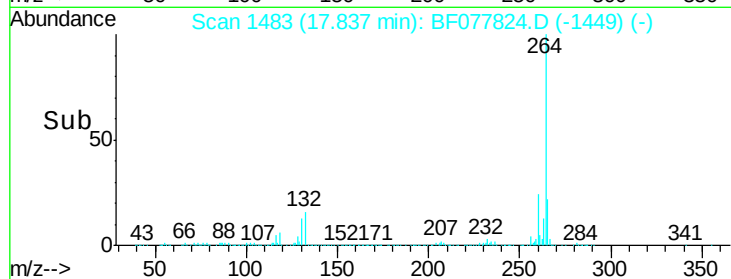
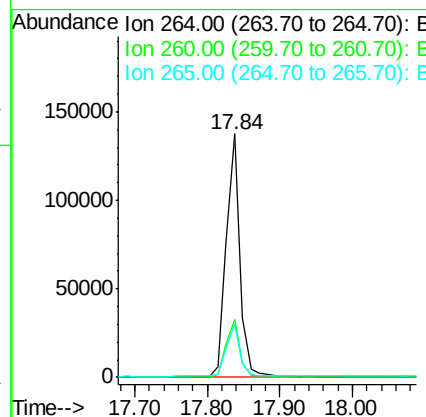
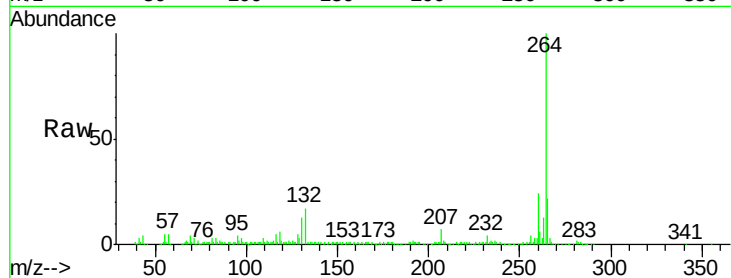
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.84 min Scan# 1483
Delta R.T. 0.09 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Instrument :
BNA_F
ClientSampleId :
COMP1B-1-B-5(0-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.0	17.3	25.9

Manual Integrations
APPROVED

mohammad
3/20/2015 1:48:40 PM



#87
Benzo(b)fluoranthene
Concen: 2.65 ng m
RT: 17.37 min Scan# 1442
Delta R.T. 0.06 min
Lab File: BF077824.D
Acq: 19 Mar 2015 6:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	20.1	9.9	14.9

