

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081024.D
 Acq On : 18 Aug 2015 2:10
 Operator : UM/IZ
 Sample : G3252-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-B

Manual Integrations
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 8/18/2015 5:13:01 PM

Quant Time: Aug 18 10:53:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	76758	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	272254	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	127323	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	251772	20.00	ng	0.00
75) Chrysene-d12	13.75	240	162159	20.00	ng	0.00
86) Perylene-d12	15.11	264	150694	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	604334	118.42	ng	0.02
7) Phenol-d6	6.27	99	846431	127.12	ng	0.01
23) Nitrobenzene-d5	7.20	82	552441	92.69	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	126626	114.73	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	671696	69.12	ng	0.00
78) Terphenyl-d14	12.72	244	502467	66.43	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	150484	14.35	ng	99
74) Fluoranthene	12.33	202	48012	2.98	ng	94
77) Pyrene	12.56	202	40529	3.07	ng	99
79) Butylbenzylphthalate	13.20	149	28266	4.99	ng	92
80) Benzo(a)anthracene	13.74	228	24284	2.23	ng	96

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

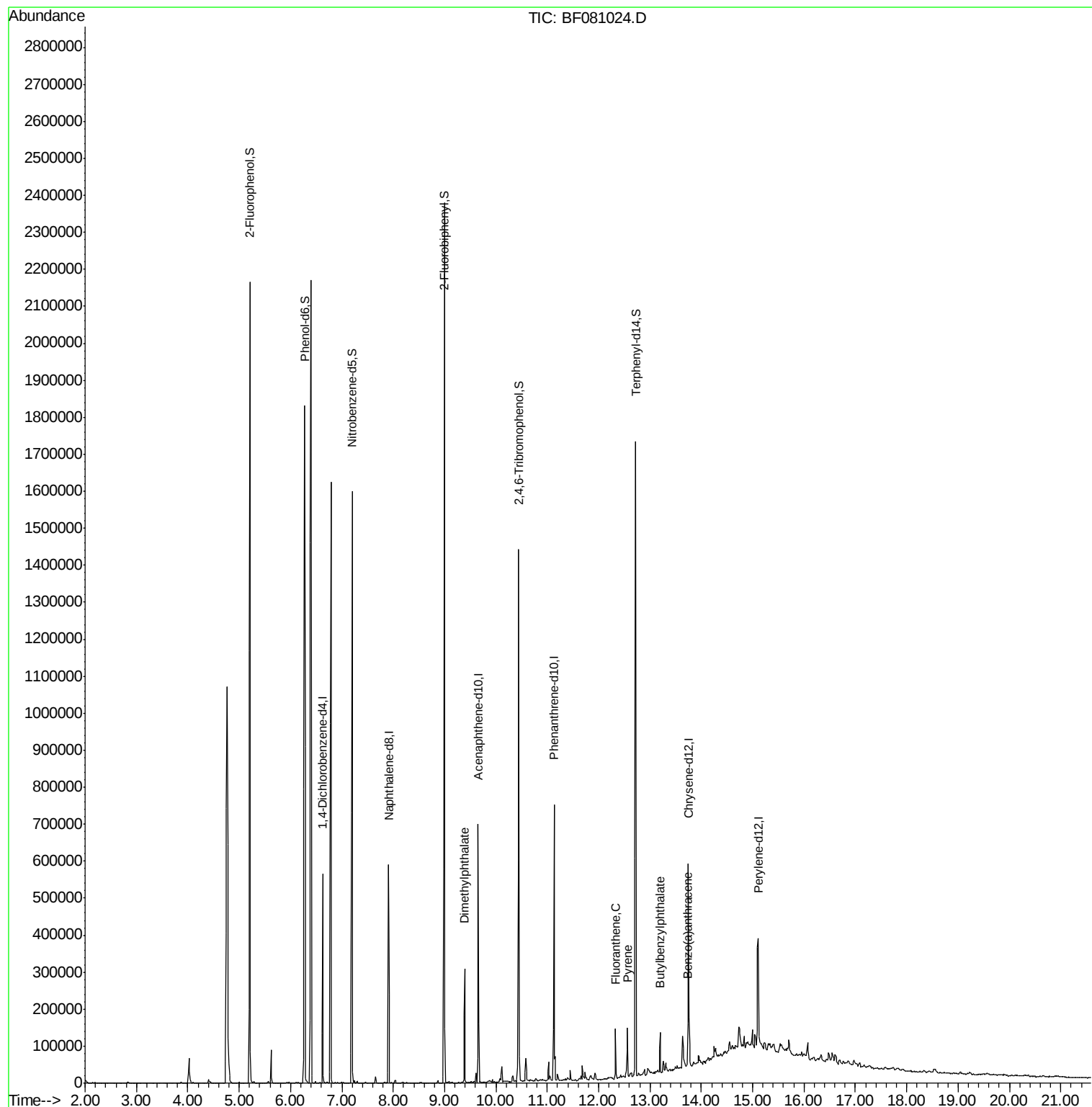
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

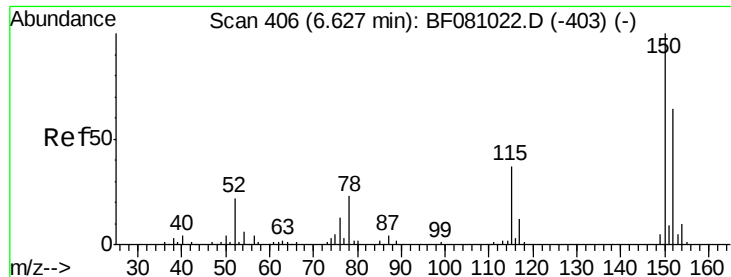
Instrument :
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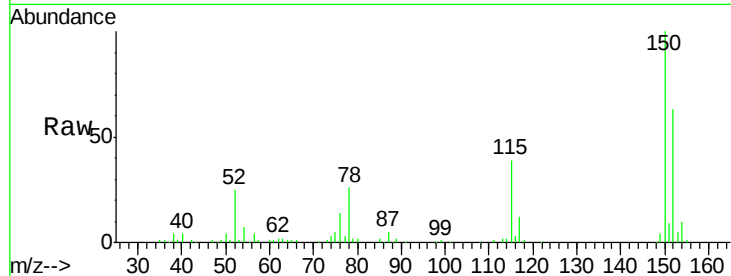




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

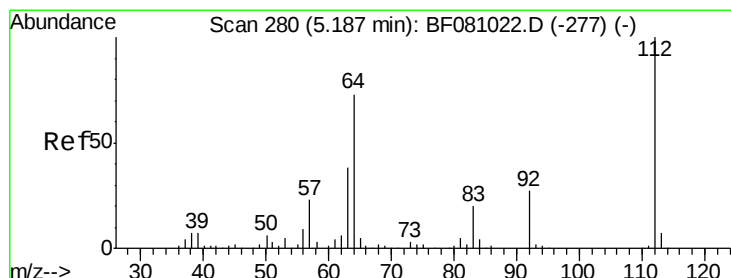
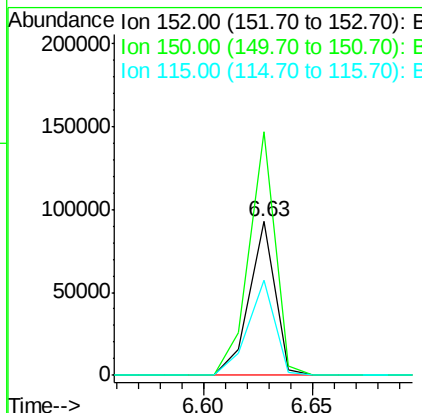
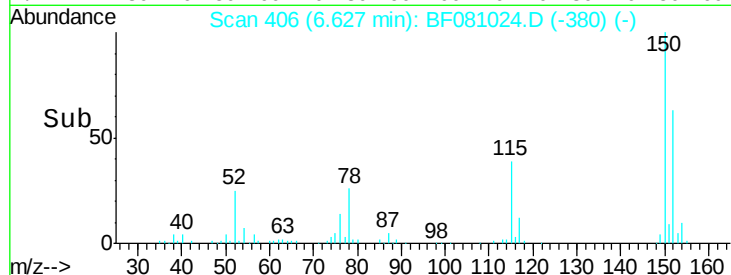
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B



Tgt	Ion	Ratio	Lower	Upper
152	100			
150	158.5	123.8	185.6	
115	61.9	52.1	78.1	

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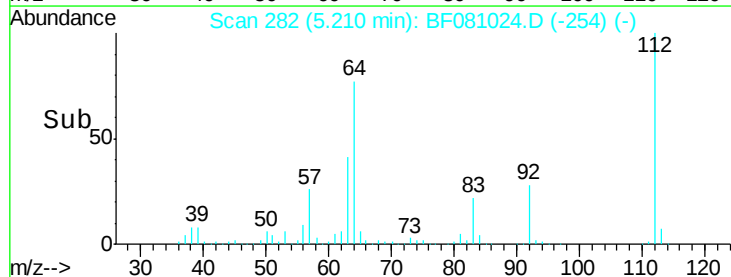
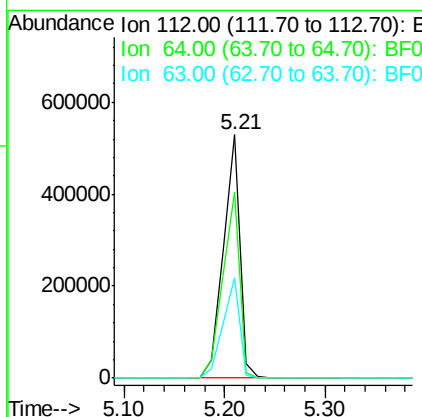
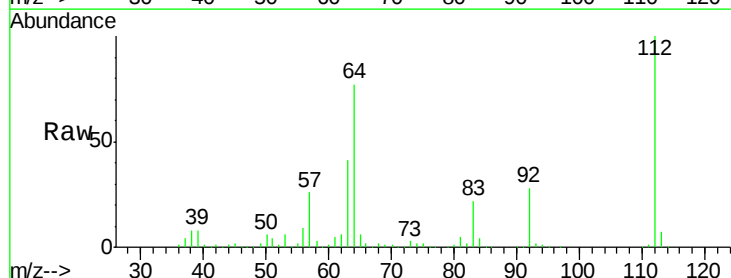
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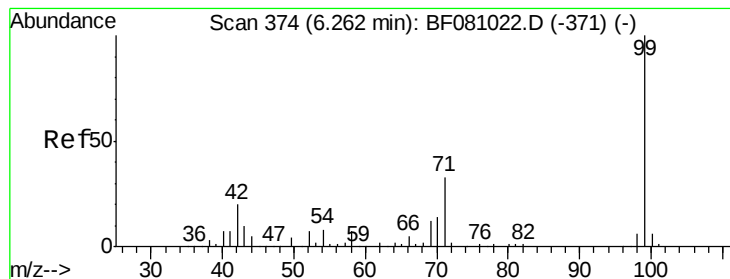


#5

2-Fluorophenol
Concen: 118.42 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

Tgt	Ion	Ratio	Lower	Upper
112	100			
64	76.6	66.9	100.3	
63	41.0	38.1	57.1	





#7

Phenol-d6

Concen: 127.12 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081024.D

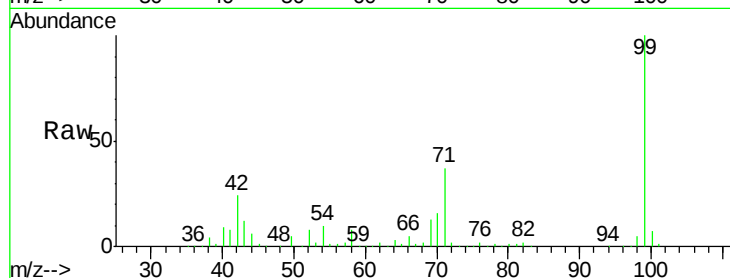
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Instrument :

BNA_F

ClientSampleId :

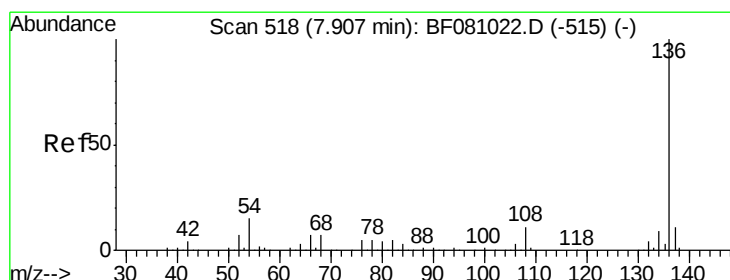
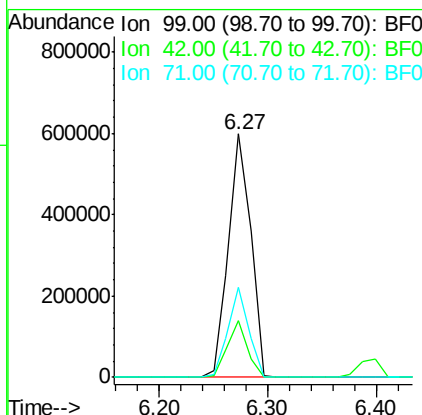
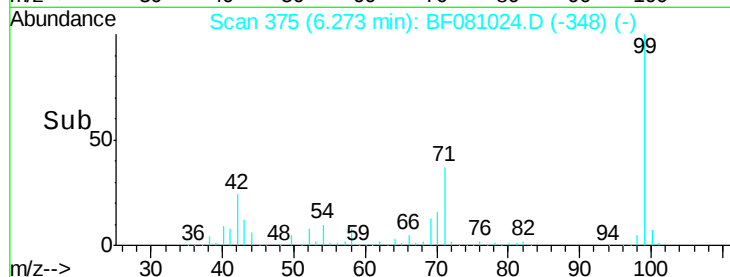
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Tgt Ion:	99	Resp:	846431
Ion Ratio	Lower	Upper	
99	100		
42	23.5	19.6	29.4
71	37.0	31.2	46.8

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#21

Naphthalene-d8

Concen: 20.00 ng

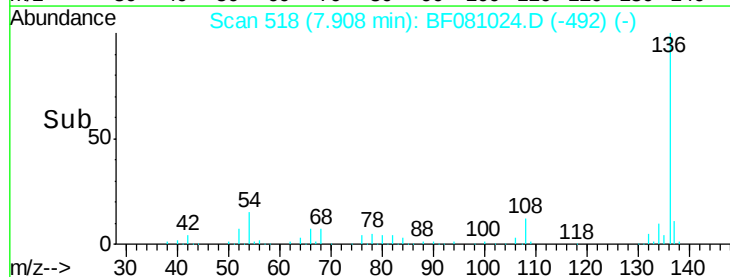
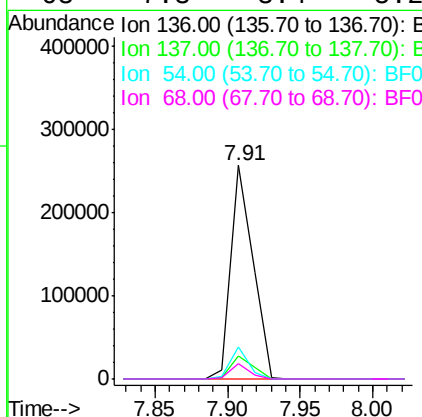
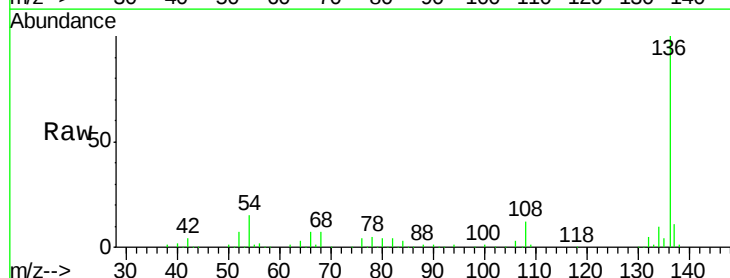
RT: 7.91 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081024.D

Acq: 18 Aug 2015 2:10

Tgt Ion:	136	Resp:	272254
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	14.9	7.7	11.5#
68	7.3	3.4	5.2#





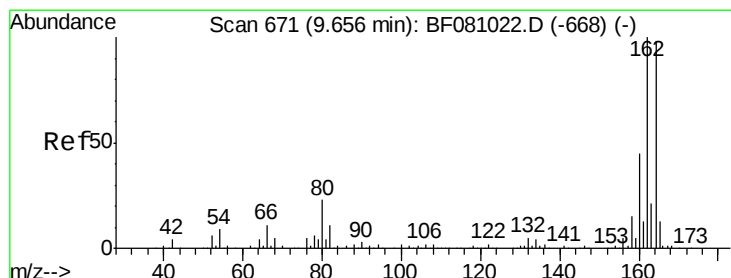
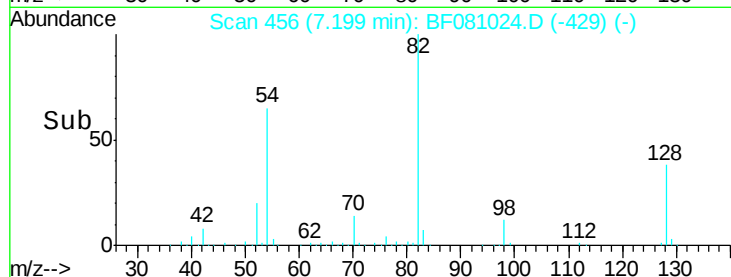
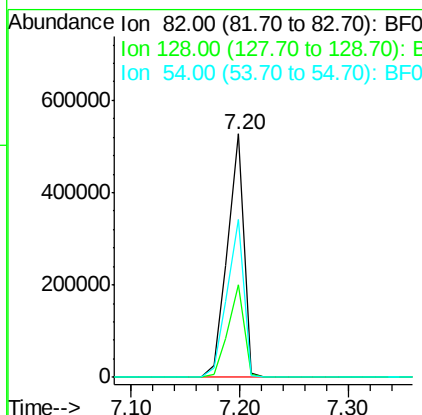
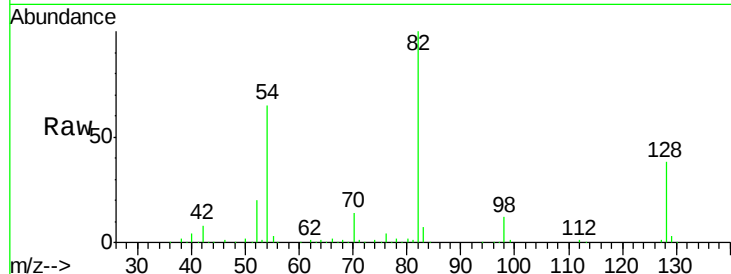
#23
 Nitrobenzene-d5
 Concen: 92.69 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081024.D
 Acq: 18 Aug 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-B

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	552441		
128	38.0	28.6	42.8	
54	65.0	55.1	82.7	

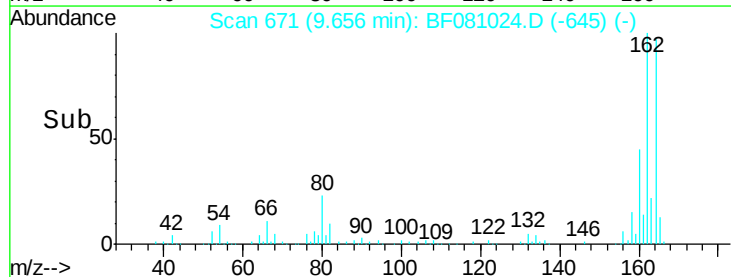
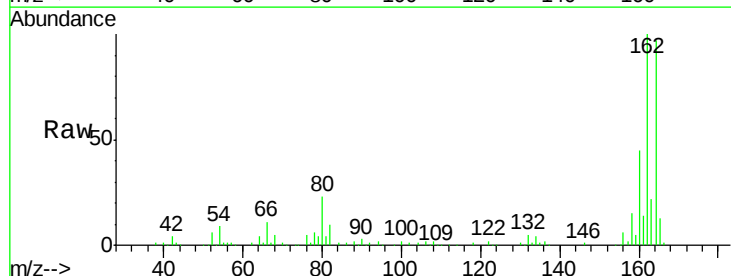
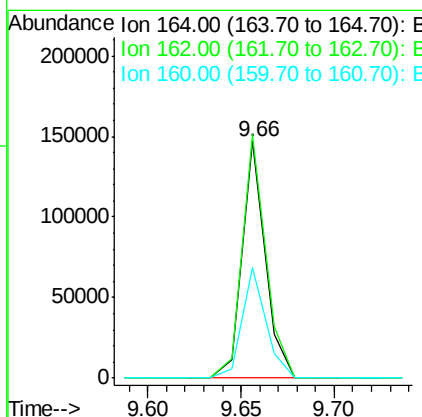
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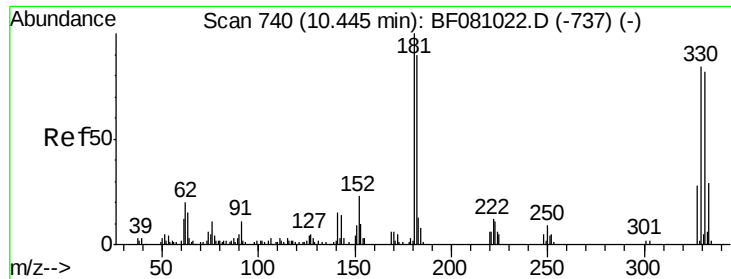
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081024.D
 Acq: 18 Aug 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127323		
162	102.7	83.8	125.8	
160	46.4	39.8	59.8	





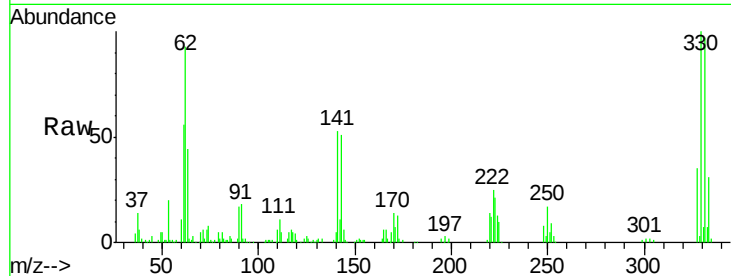
#41
 2,4,6-Tribromophenol
 Concen: 114.73 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081024.D
 Acq: 18 Aug 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-017-B

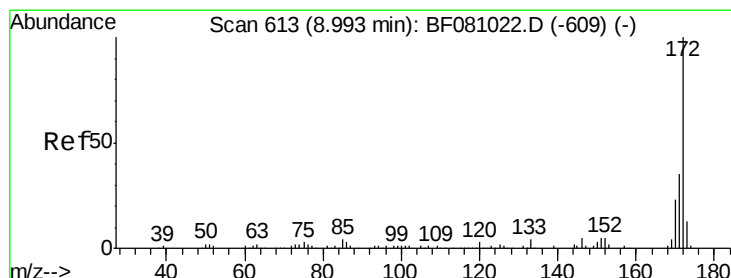
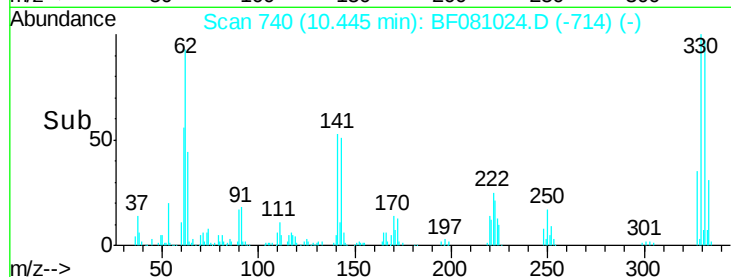
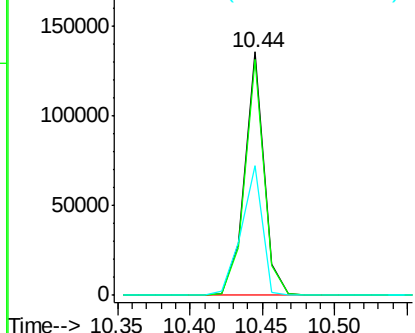
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	126626		
332	96.0	77.3	115.9	
141	57.3	44.9	67.3	

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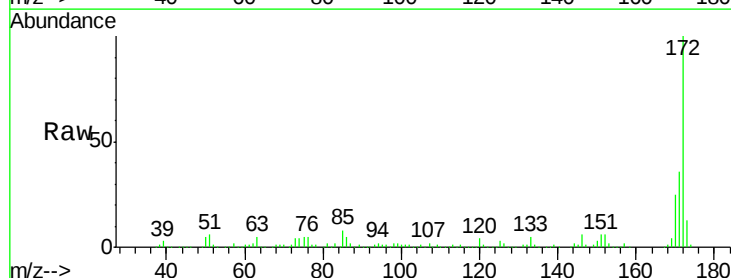


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

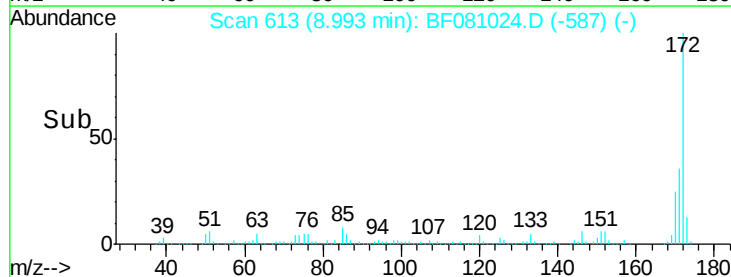
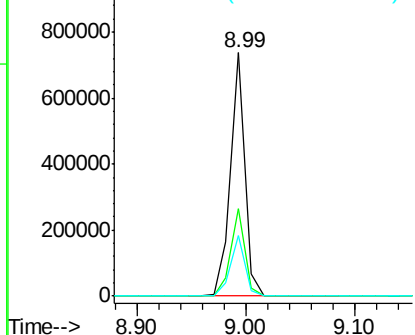


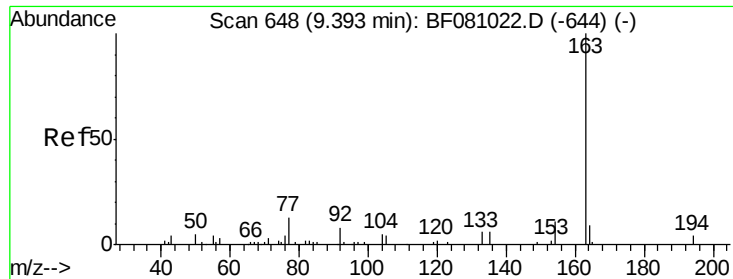
#44
 2-Fluorobiphenyl
 Concen: 69.12 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081024.D
 Acq: 18 Aug 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	671696		
171	36.0	28.9	43.3	
170	24.7	19.4	29.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





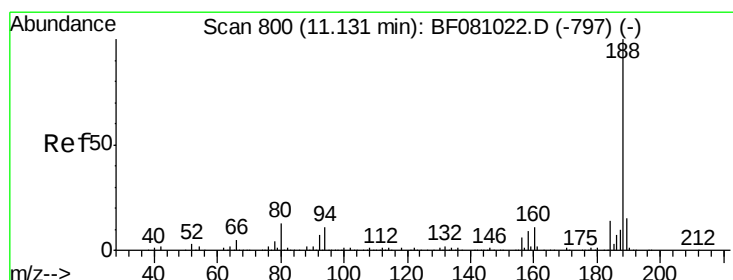
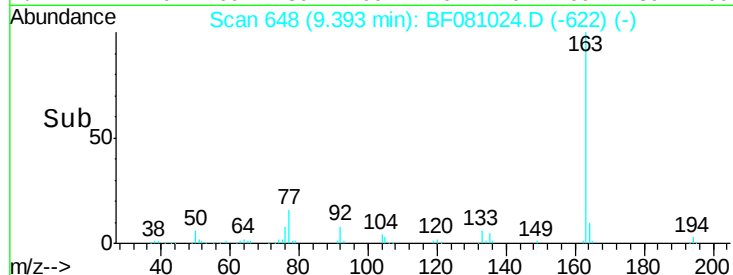
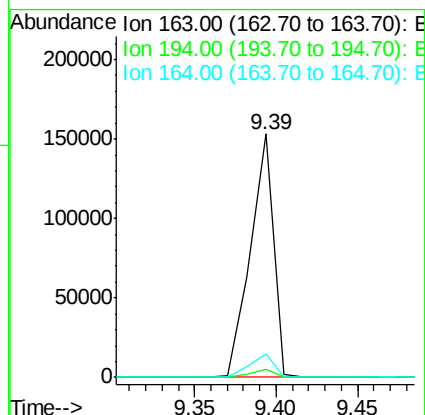
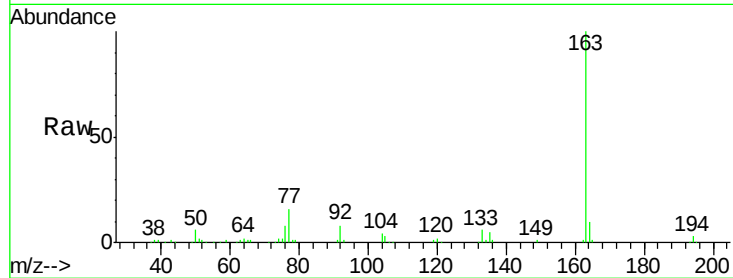
#49
Dimethylphthalate
Concen: 14.35 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.5	3.7
164	9.6	8.1	12.1

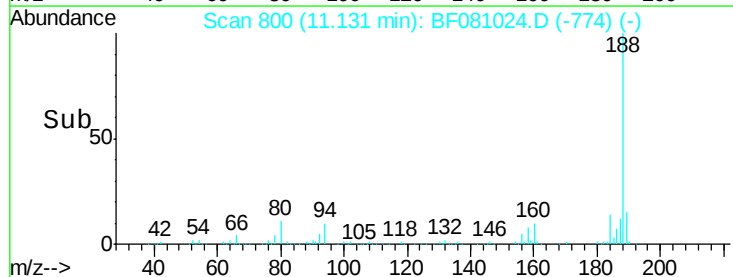
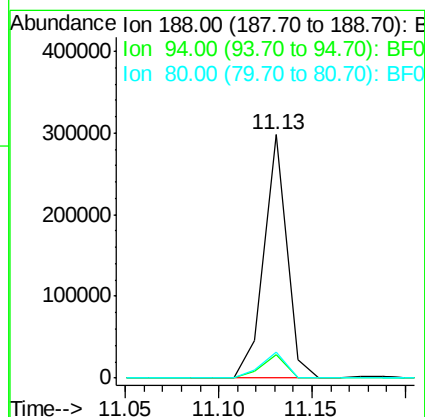
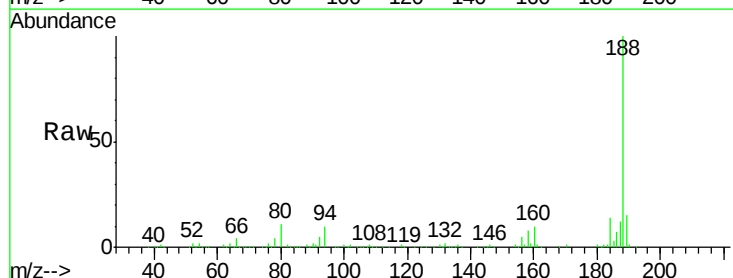
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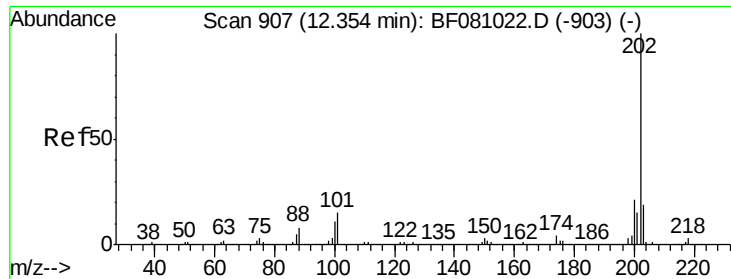
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	8.2	12.2
80	10.7	9.5	14.3





#74

Fluoranthene

Concen: 2.98 ng

RT: 12.33 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF081024.D

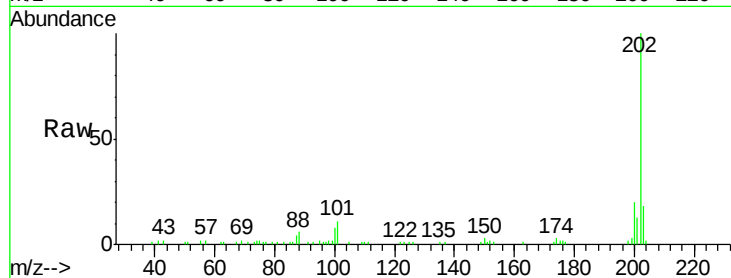
Acq: 18 Aug 2015 2:10

Instrument :

BNA_F

ClientSampleId :

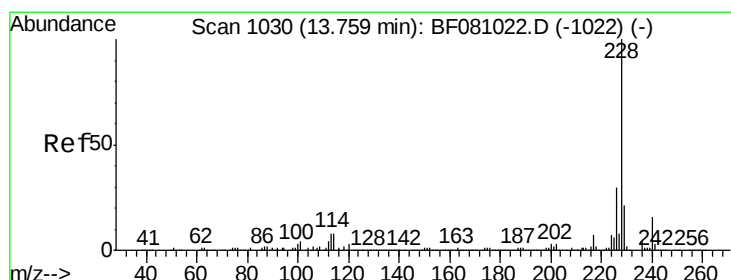
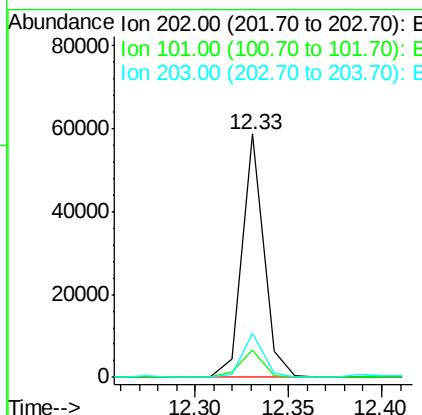
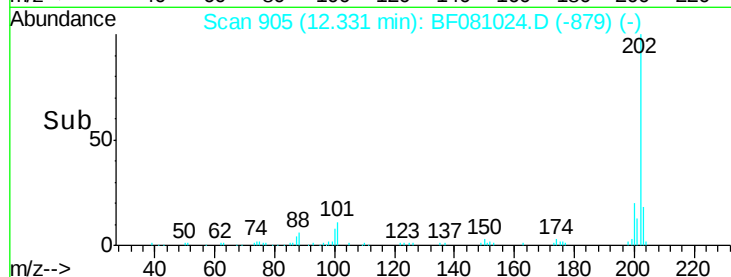
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	24.8
203	17.8	0.0	36.9

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#75

Chrysene-d12

Concen: 20.00 ng

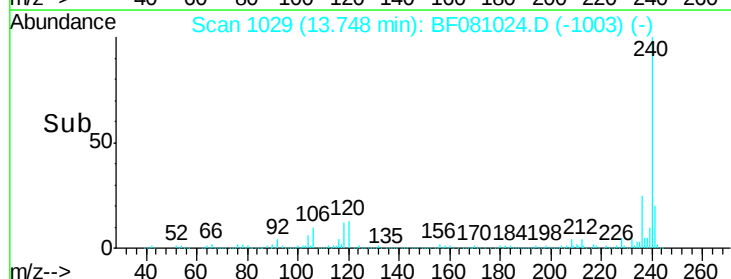
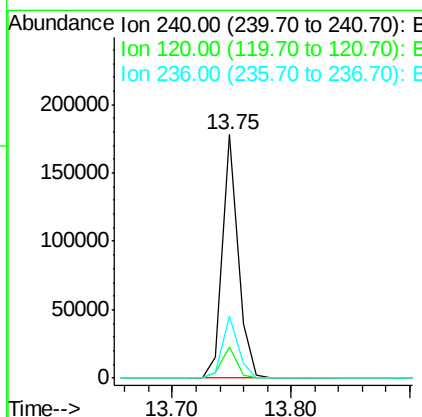
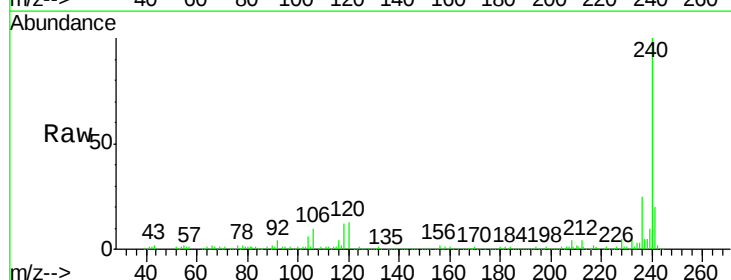
RT: 13.75 min Scan# 1029

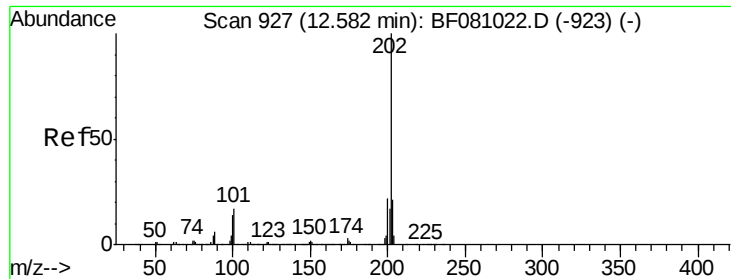
Delta R.T. 0.00 min

Lab File: BF081024.D

Acq: 18 Aug 2015 2:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	5.6	8.4#
236	25.5	20.6	30.8





#77

Pyrene

Concen: 3.07 ng

RT: 12.56 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF081024.D

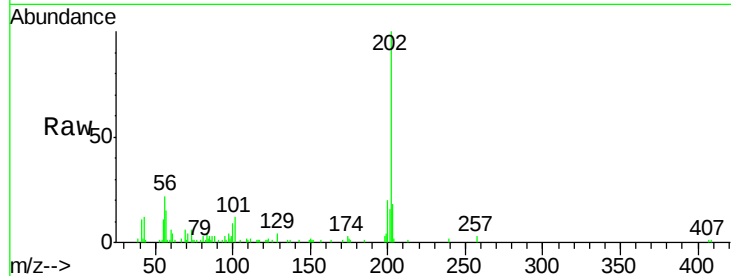
Acq: 18 Aug 2015 2:10

Instrument :

BNA_F

ClientSampleId :

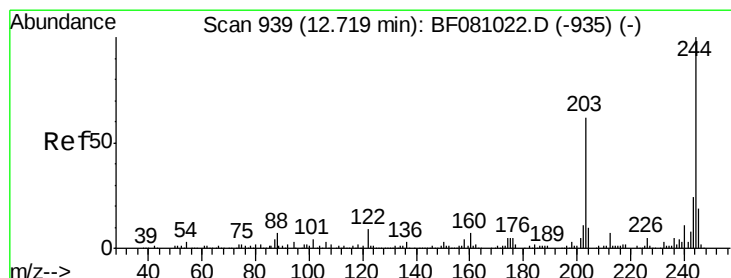
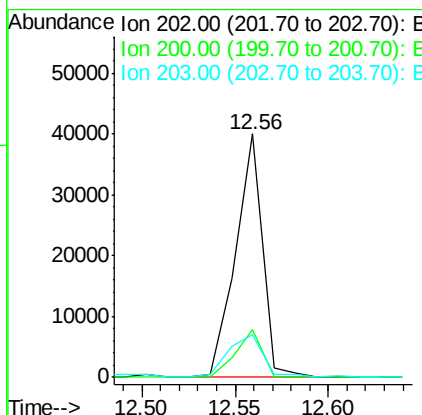
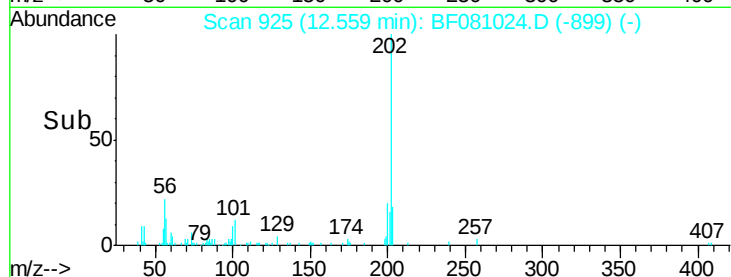
FK-GF-01-017-B



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	40529		
200	19.5	16.6	24.8	
203	17.5	14.1	21.1	

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#78

Terphenyl-d14

Concen: 66.43 ng

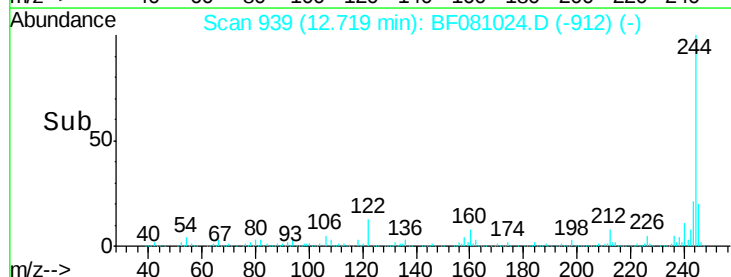
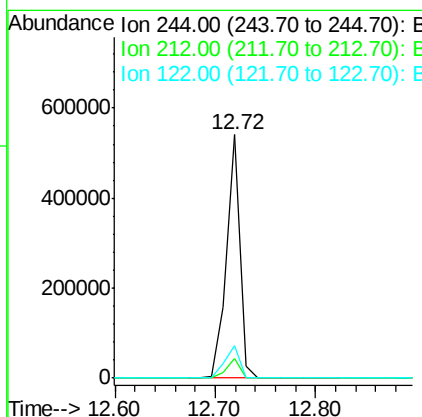
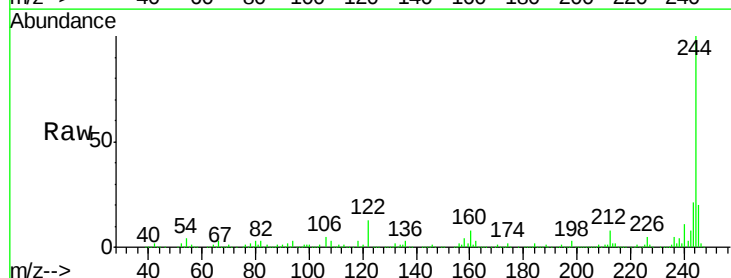
RT: 12.72 min Scan# 939

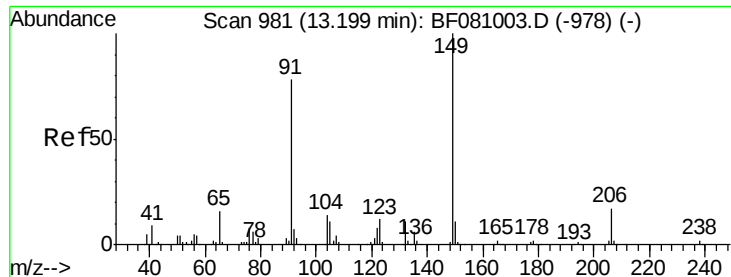
Delta R.T. 0.01 min

Lab File: BF081024.D

Acq: 18 Aug 2015 2:10

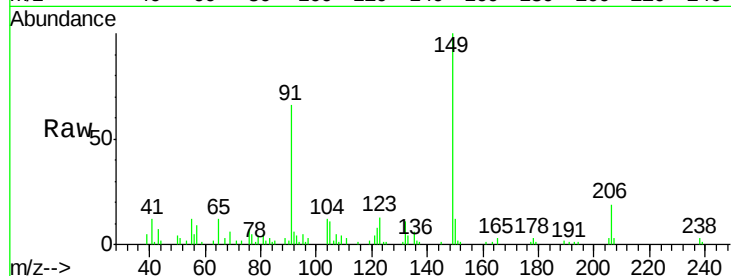
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	502467		
212	8.1	5.8	8.8	
122	13.1	8.2	12.4	





#79
Butylbenzylphthalate
Concen: 4.99 ng
RT: 13.20 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

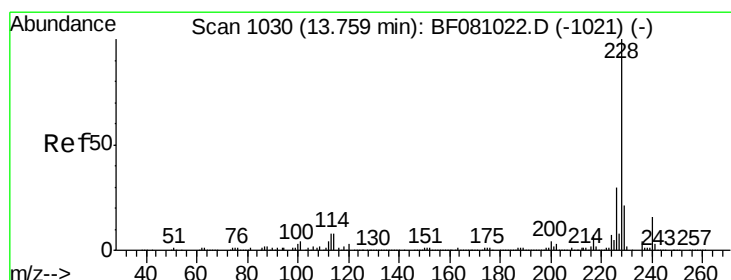
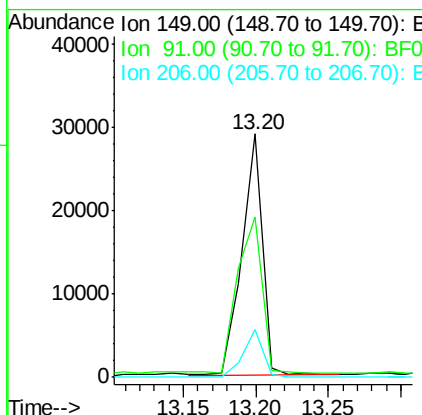
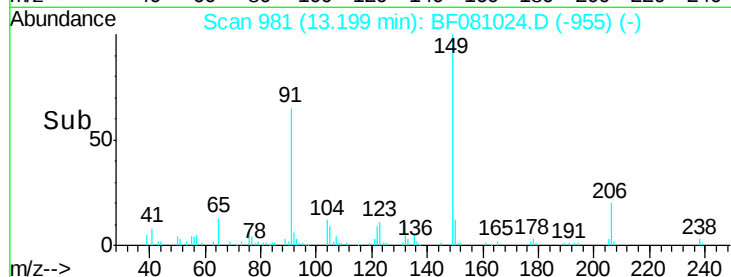
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.1	46.9	70.3
206	19.4	17.0	25.4

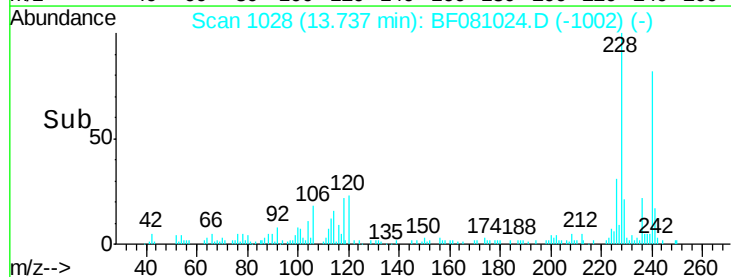
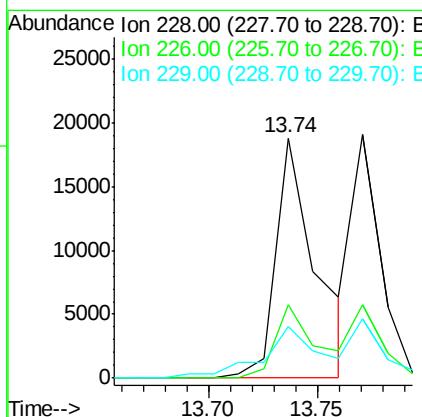
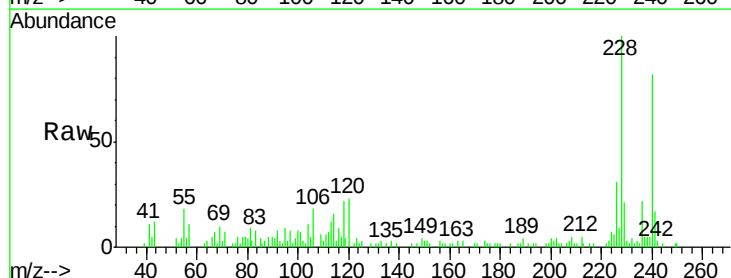
Manual Integrations
APPROVED

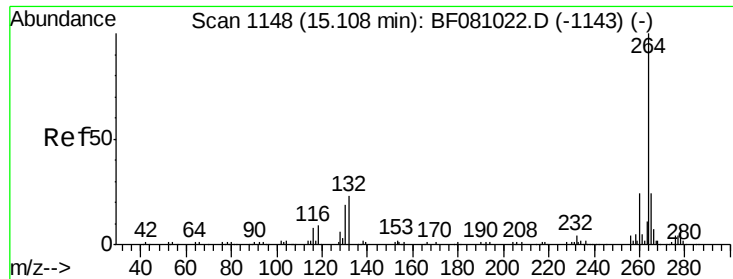
MMDadoda
8/18/2015 5:13:01 PM



#80
Benzo(a)anthracene
Concen: 2.23 ng
RT: 13.74 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	22.3	33.5
229	21.3	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF081024.D
Acq: 18 Aug 2015 2:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B

Tgt	Ion	264	Resp:	150694
	Ratio	100	Lower	Upper
	264	100		
	260	24.3	19.6	29.4
	265	21.2	17.5	26.3

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:13:01 PM

