

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083386.D
 Acq On : 1 Dec 2015 21:58
 Operator : UM/IZ
 Sample : G4593-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

Manual Integrations
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Quant Time: Dec 02 04:03:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	160946	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	613550	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	299448	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	540023	20.00	ng	0.00
75) Chrysene-d12	14.75	240	426903	20.00	ng	-0.01
86) Perylene-d12	16.81	264	324636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1382935	128.94	ng	0.01
7) Phenol-d6	6.22	99	2134958	145.43	ng	0.00
23) Nitrobenzene-d5	7.13	82	1326962	95.07	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	377731	125.66	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2053640	97.73	ng	0.00
78) Terphenyl-d14	13.22	244	1793512	100.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	500430	20.56	ng	98
70) Phenanthrene	11.15	178	92227	2.89	ng	97
74) Fluoranthene	12.66	202	121081	3.66	ng	93
77) Pyrene	12.97	202	108205	3.63	ng	97
87) Benzo(b)fluoranthene	16.31	252	47398m	2.28	ng	

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

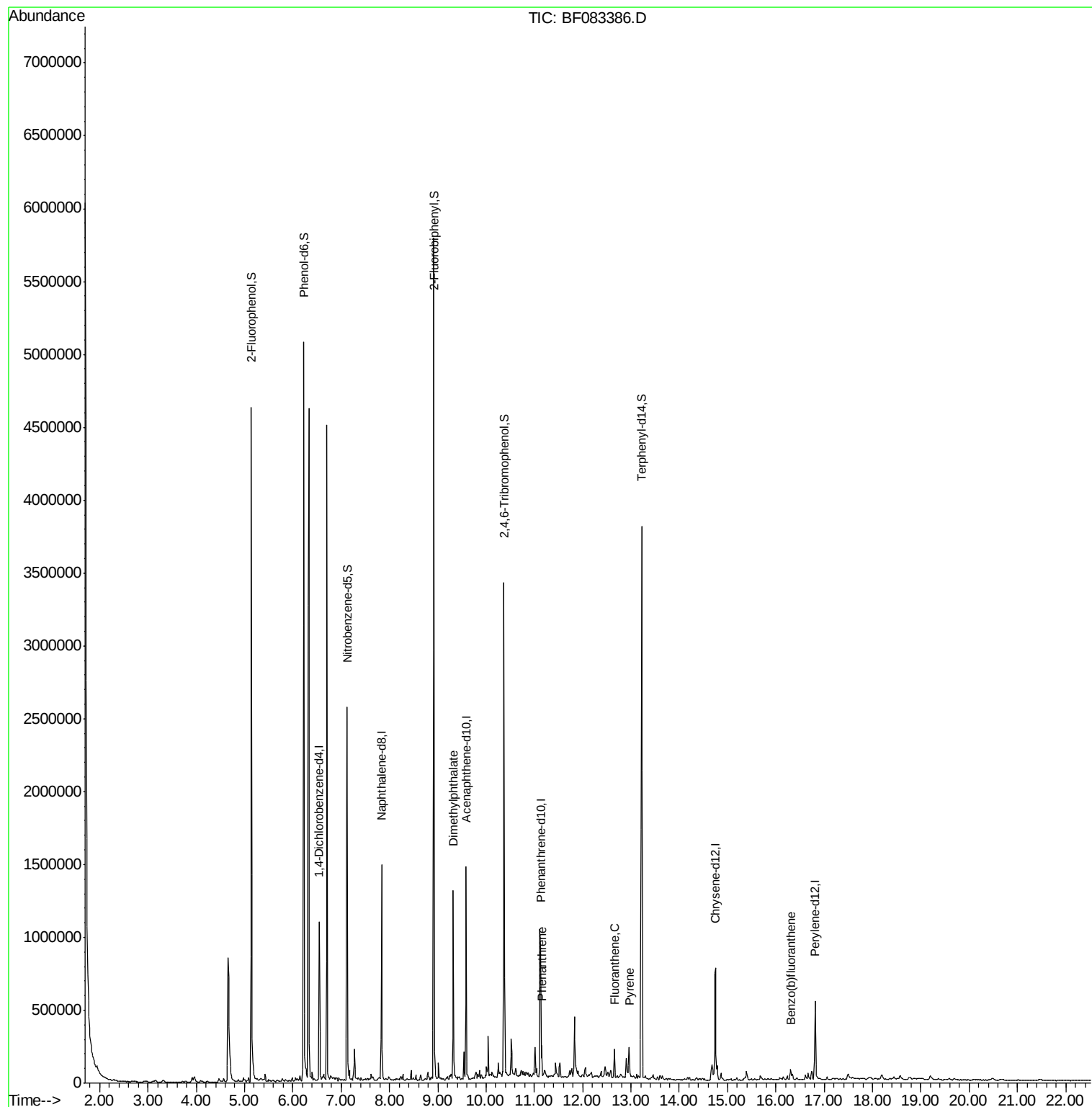
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083386.D
Acq On : 1 Dec 2015 21:58
Operator : UM/IZ
Sample : G4593-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

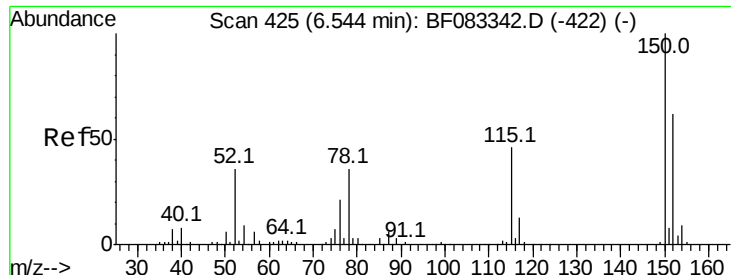
Instrument :
BNA_F
ClientSampleId :
S14-15

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Quant Time: Dec 02 04:03:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

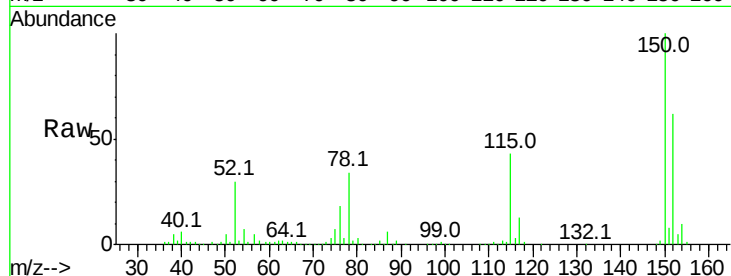
ClientSampleId :

S14-15

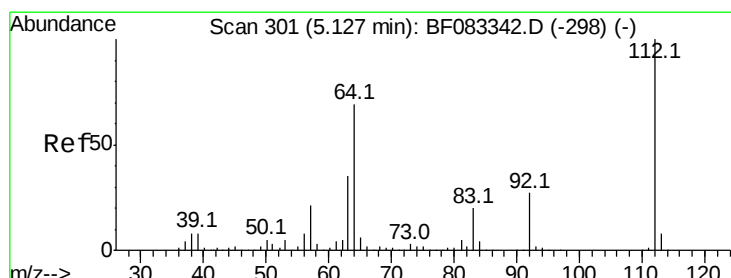
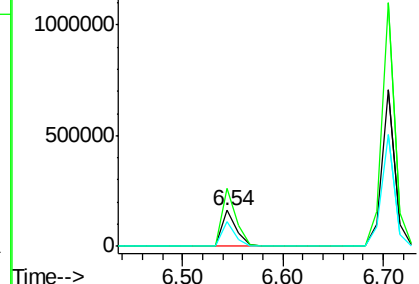
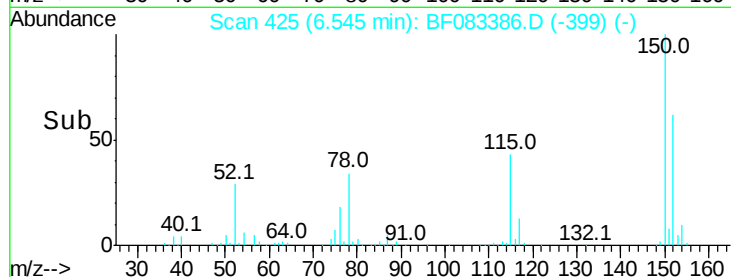
Tot Ion:	152	Resp:	160946
Ion Ratio	Lower	Upper	
152	100		
150	161.7	129.8	194.8
115	68.8	59.2	88.8

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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: 128.94 ng

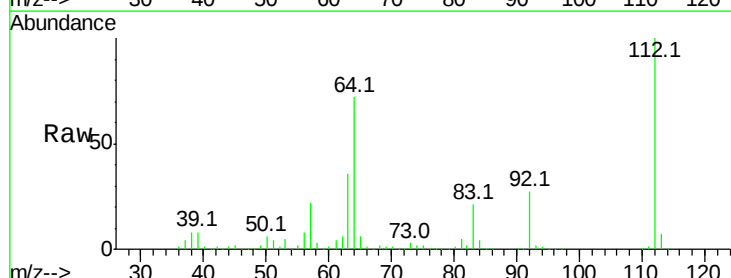
RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

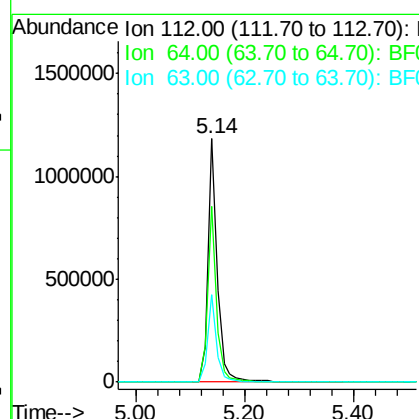
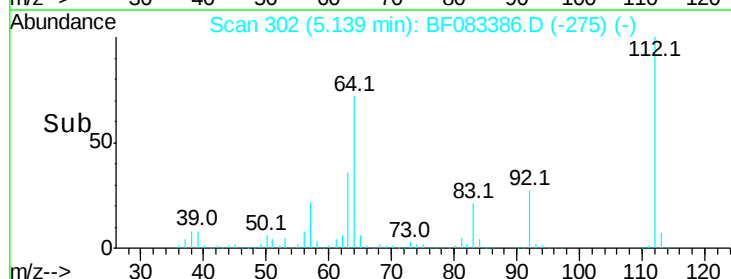
Lab File: BF083386.D

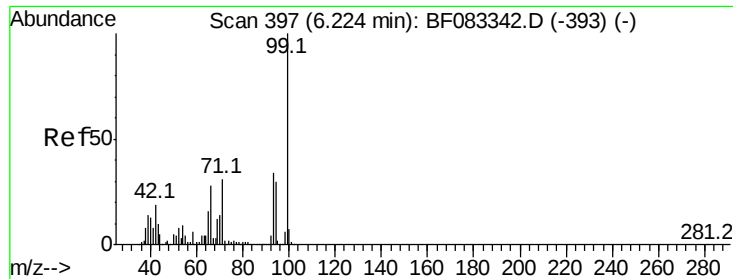
Acq: 1 Dec 2015 21:58

Tgt Ion:	112	Resp:	1382935
Ion Ratio	Lower	Upper	
112	100		
64	72.2	55.6	83.4
63	36.1	28.2	42.2



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: 145.43 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

ClientSampleId :

S14-15

Tot Ion: 99 Resp: 2134958

Ion Ratio Lower Upper

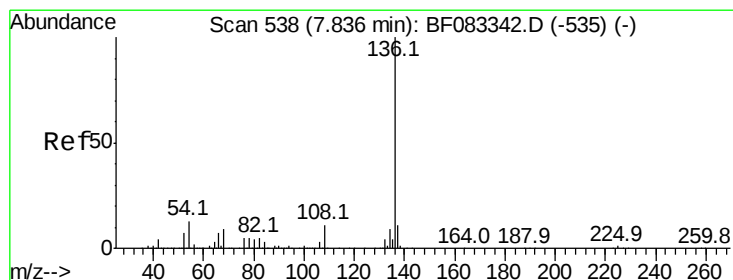
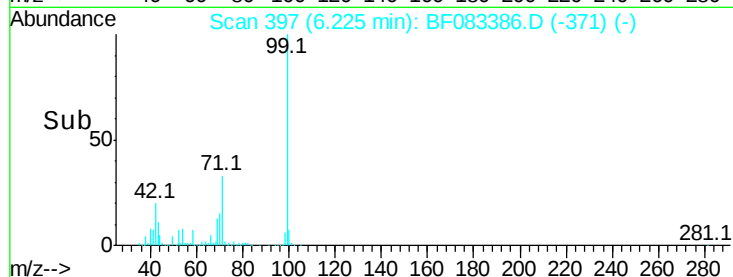
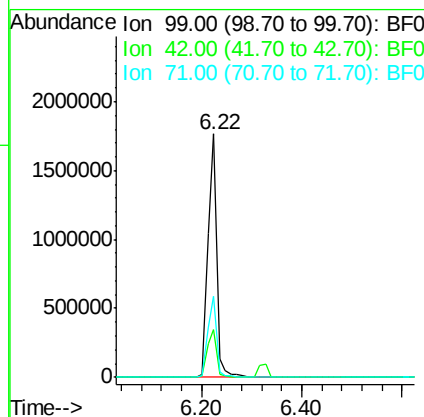
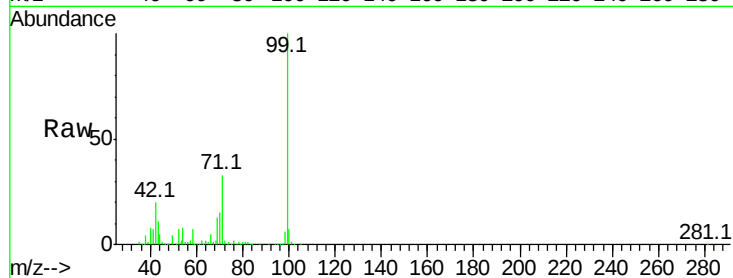
99 100

42 19.6 14.9 22.3

71 33.3 24.7 37.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Tgt Ion: 136 Resp: 613550

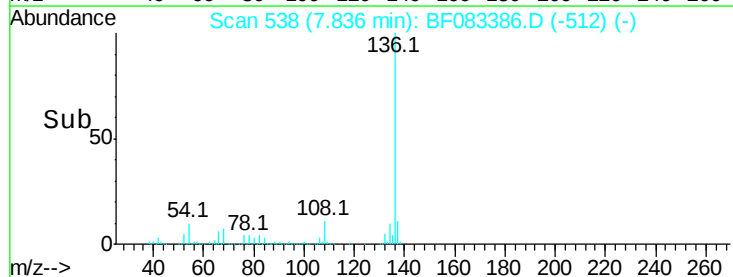
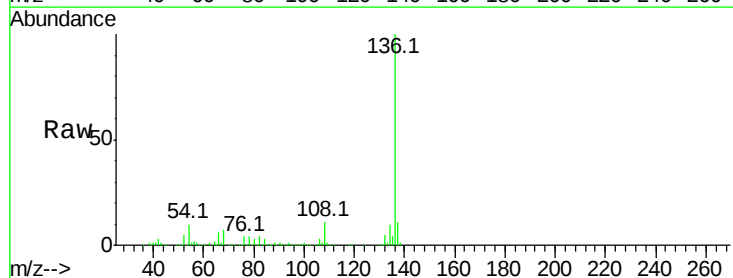
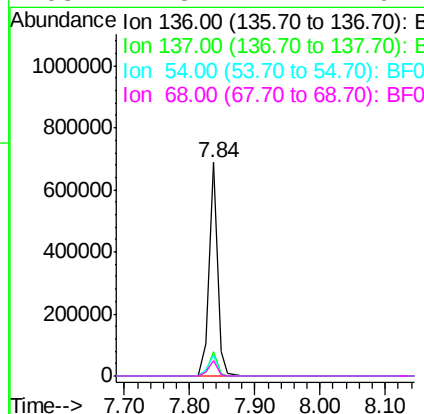
Ion Ratio Lower Upper

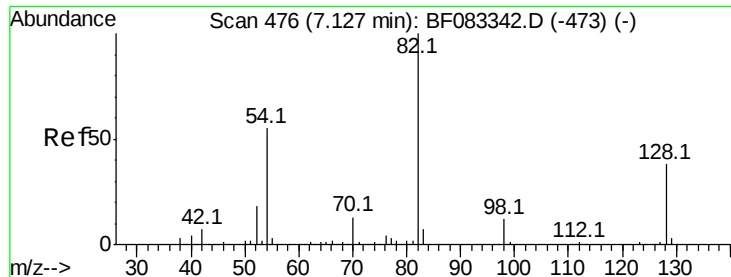
136 100

137 11.2 9.0 13.4

54 9.8 10.1 15.1#

68 7.3 7.1 10.7





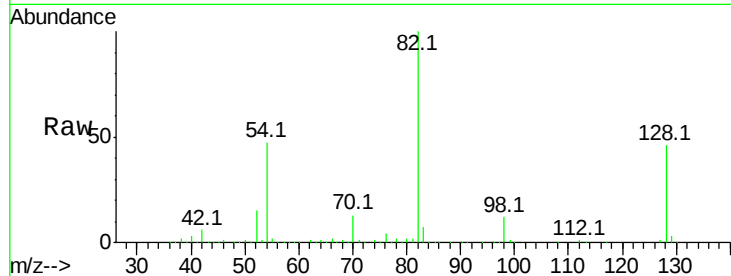
#23
 Nitrobenzene-d5
 Concen: 95.07 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

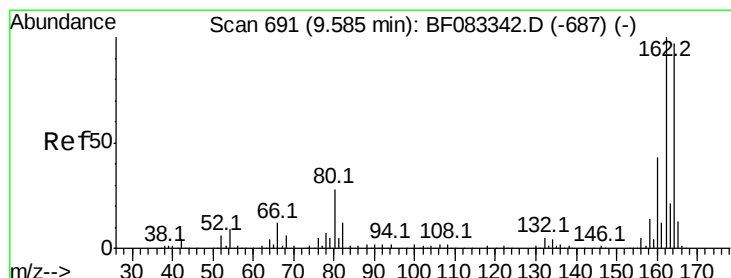
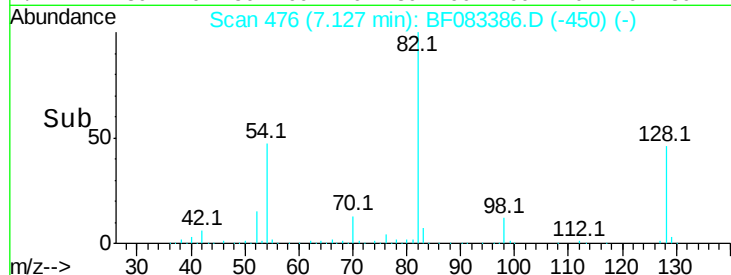
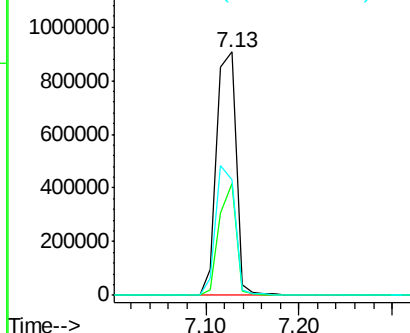
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	30.6	46.0
54	47.3	43.8	65.6

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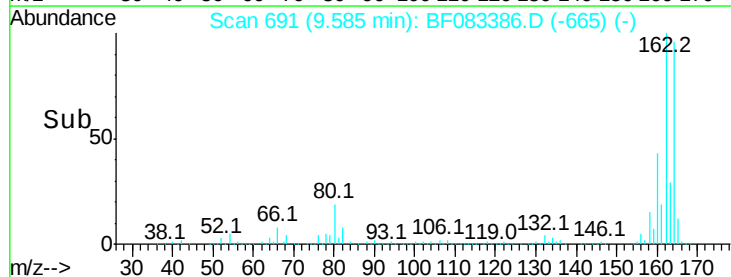
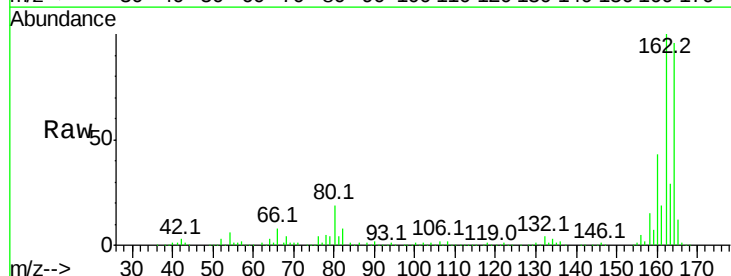
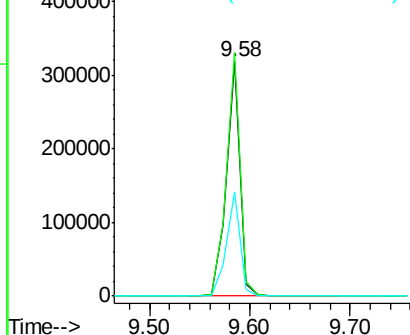
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

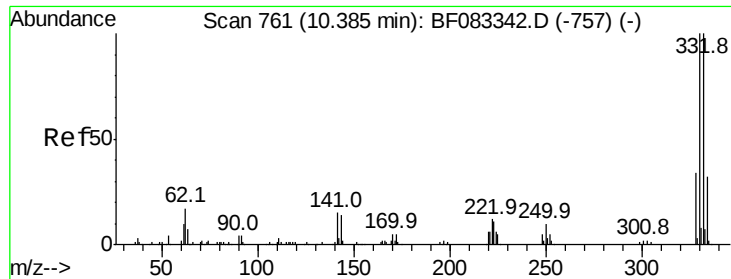


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.3	35.3	52.9

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





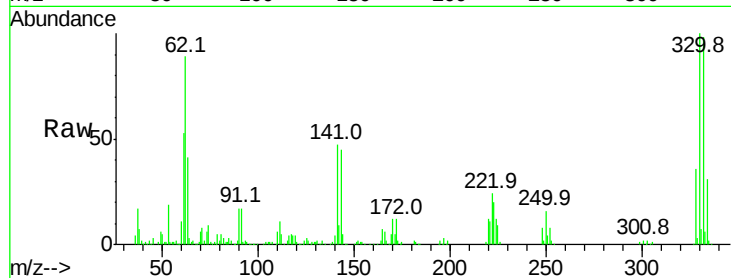
#41
 2,4,6-Tribromophenol
 Concen: 125.66 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

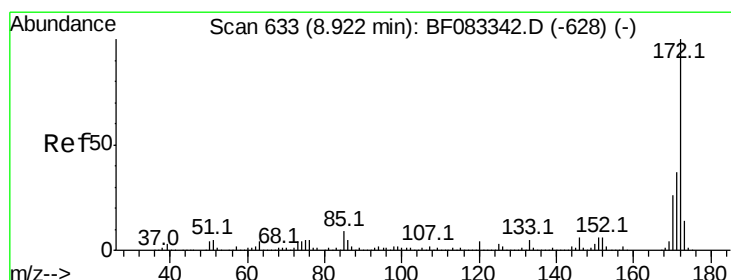
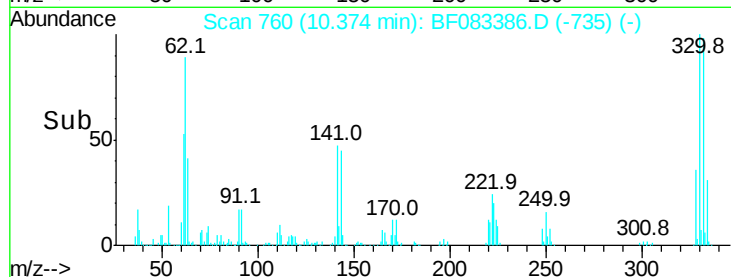
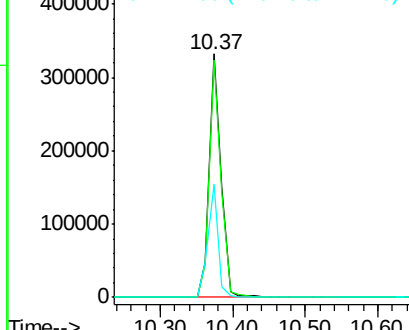
Tot Ion	Ratio	Resp	Lower	Upper
330	100	377731		
332	96.3	77.8	116.6	
141	40.4	29.4	44.0	

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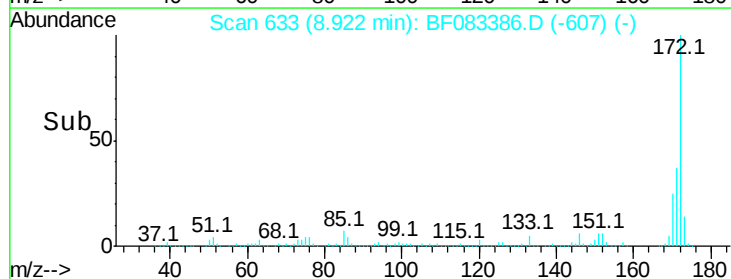
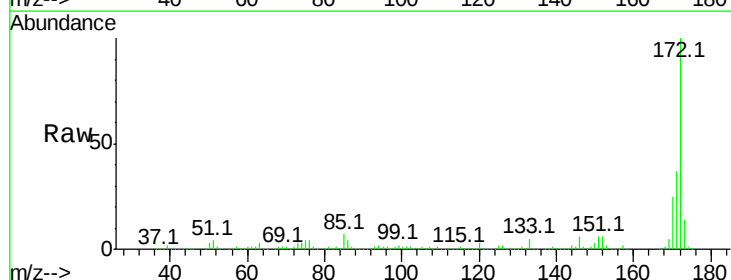
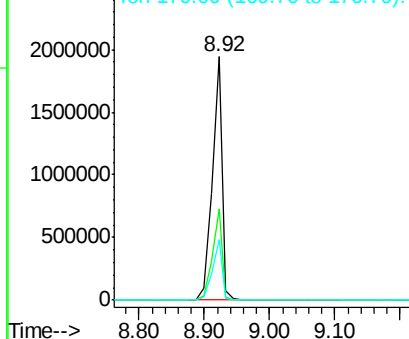
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

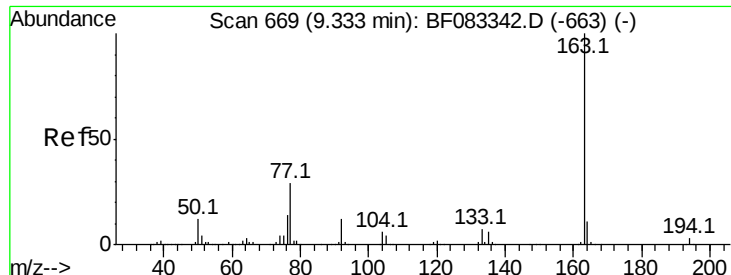


#44
 2-Fluorobiphenyl
 Concen: 97.73 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2053640		
171	37.3	29.4	44.0	
170	25.1	20.4	30.6	

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





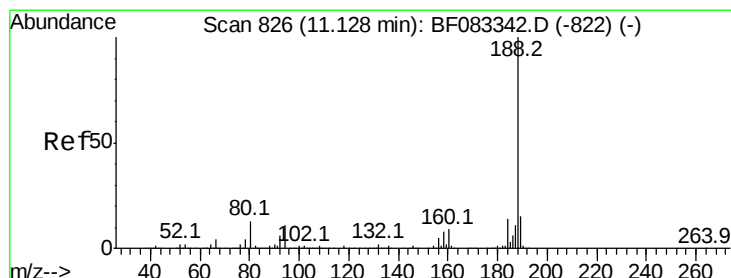
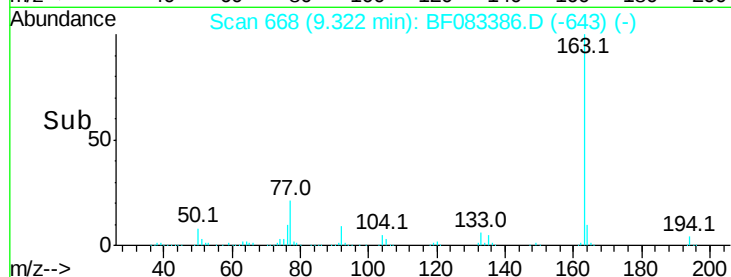
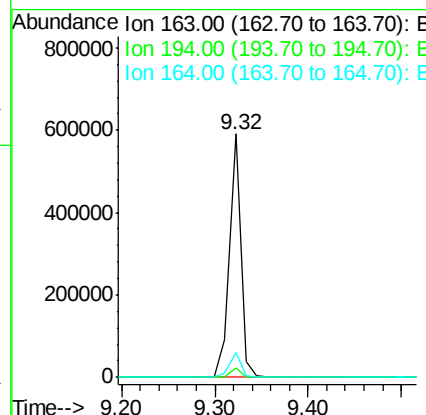
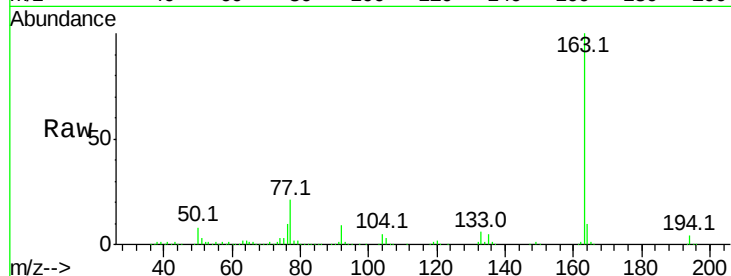
#49
Dimethylphthalate
Concen: 20.56 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Instrument :
BNA_F
ClientSampleId :
S14-15

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.1	8.8	13.2	

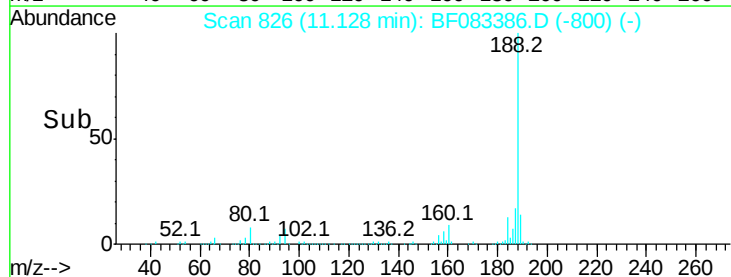
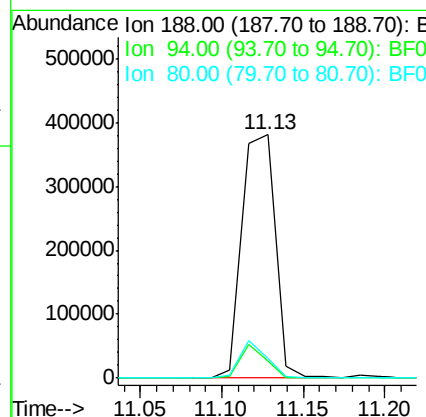
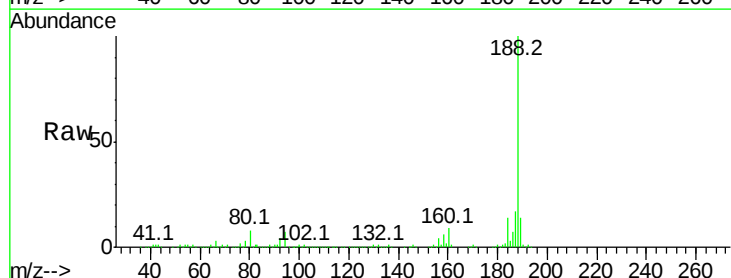
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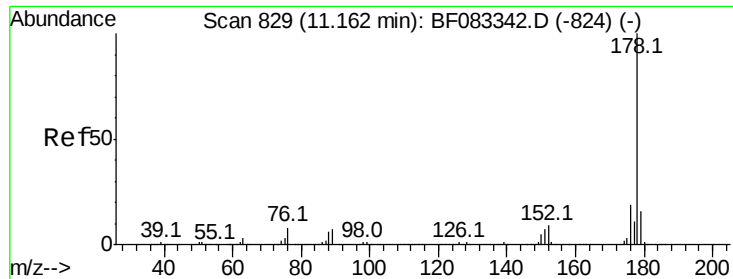
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.0	8.7	13.1#	
80	7.9	10.3	15.5#	





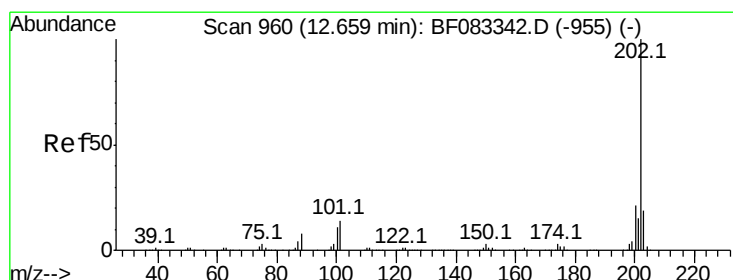
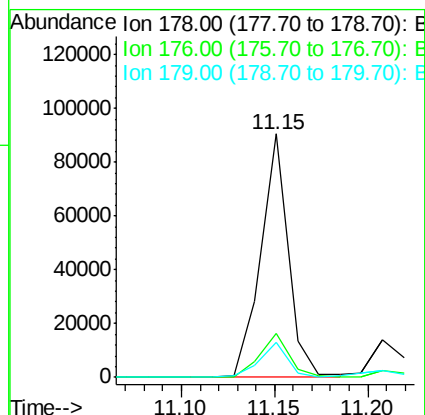
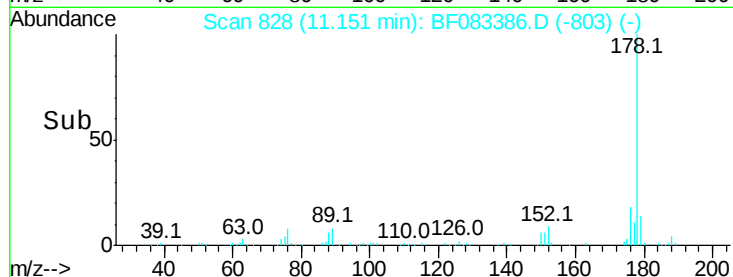
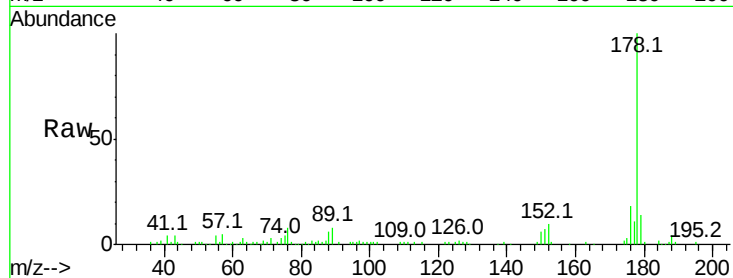
#70
Phenanthrene
Concen: 2.89 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	14.3	12.4	18.6

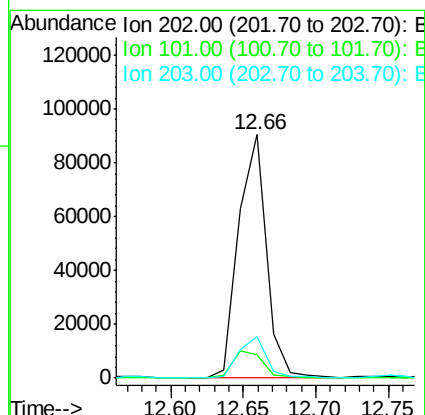
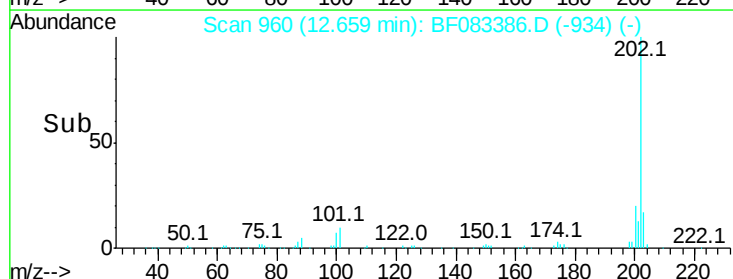
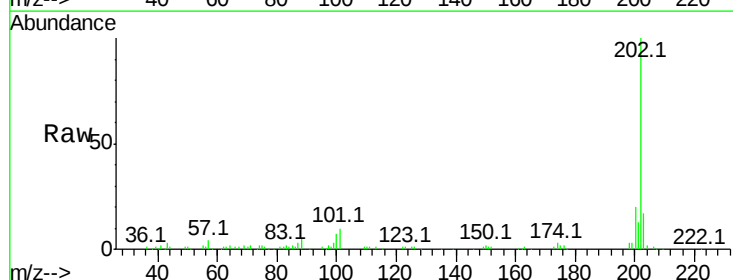
Manual Integrations
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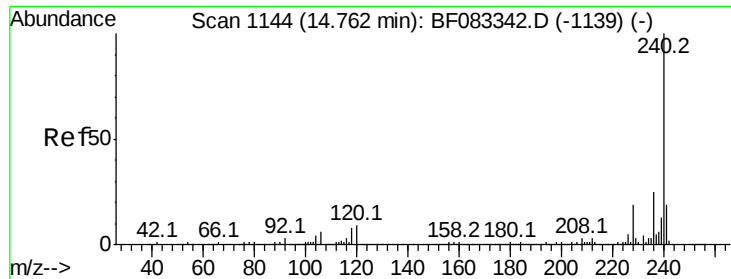
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#74
Fluoranthene
Concen: 3.66 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.5
203	17.1	0.0	38.7





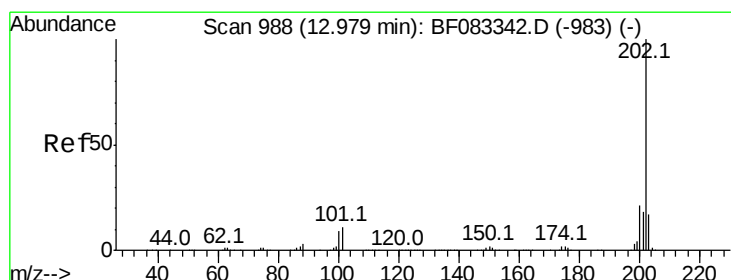
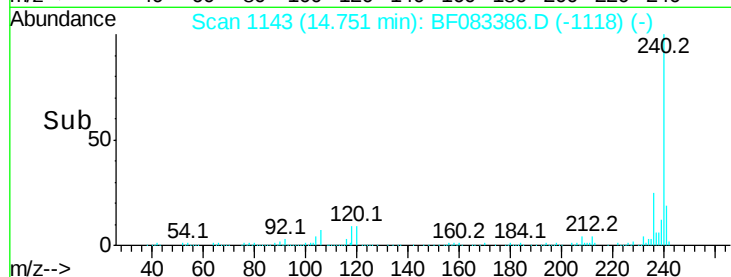
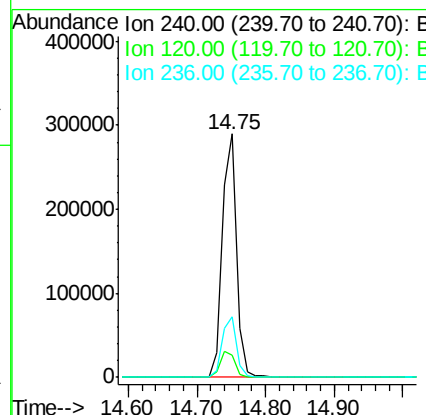
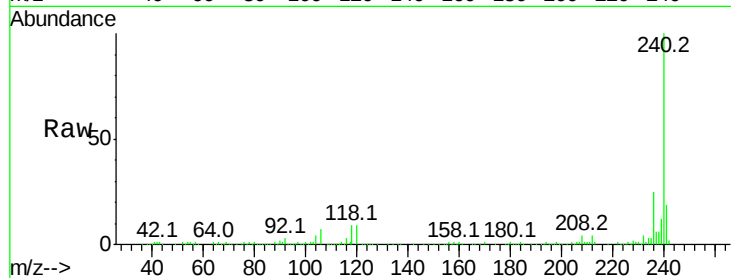
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Instrument :
BNA_F
ClientSampled :
S14-15

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.2	6.9	10.3	
236	24.6	19.8	29.6	

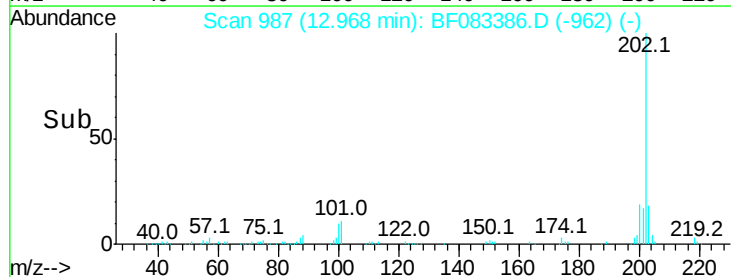
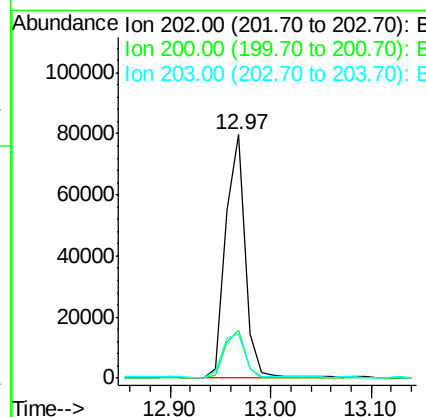
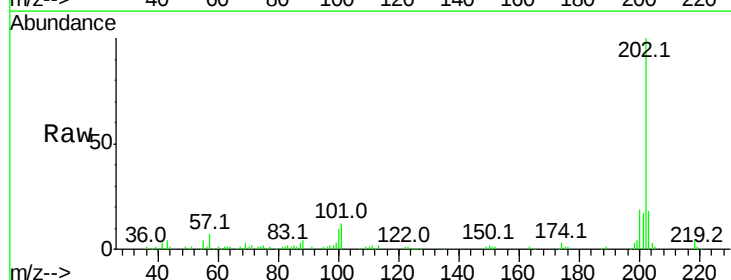
Manual Integrations
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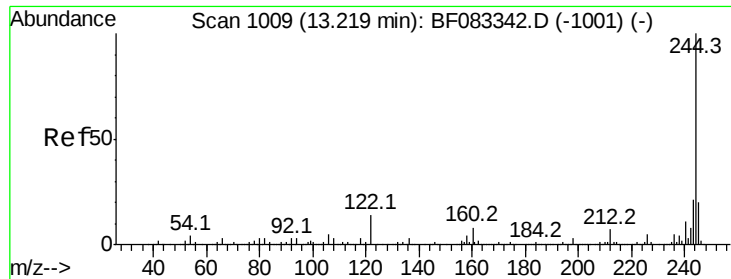
Mmdadoda
12/2/2015 6:12:55 PM



#77
Pyrene
Concen: 3.63 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.4	16.9	25.3	
203	18.3	13.9	20.9	





#78

Terphenyl-d14

Concen: 100.19 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

ClientSampleId :

S14-15

Tot Ion:244 Resp: 1793512

Ion Ratio Lower Upper

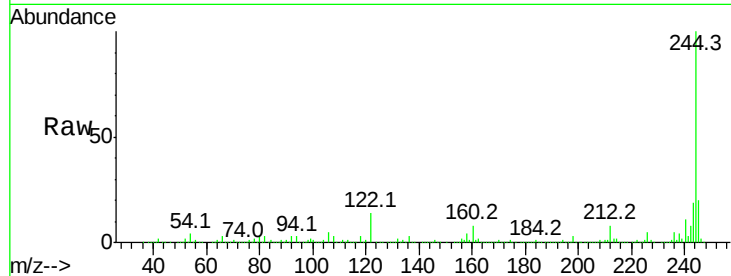
244 100

212 7.8 5.8 8.8

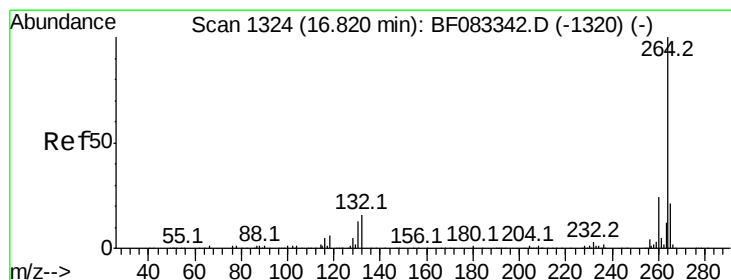
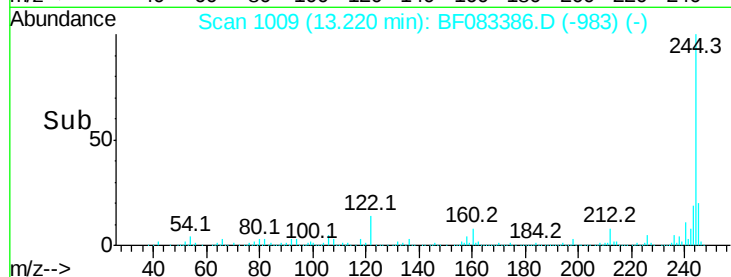
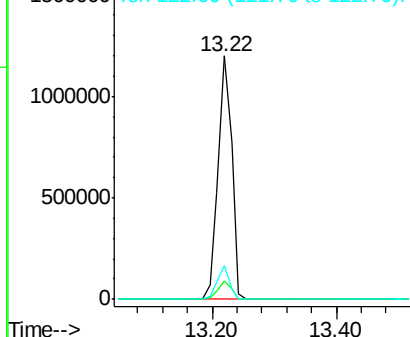
122 13.9 11.0 16.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:12:55 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.81 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

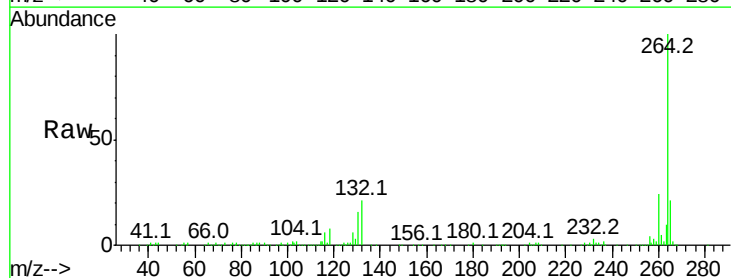
Tgt Ion:264 Resp: 324636

Ion Ratio Lower Upper

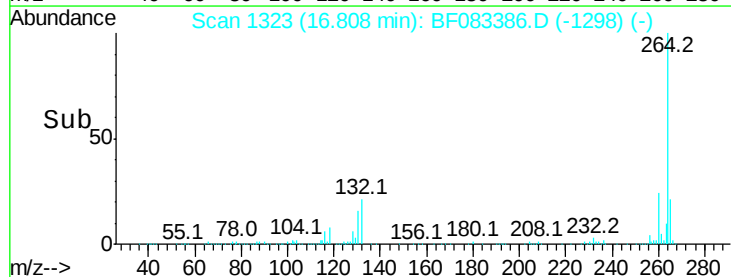
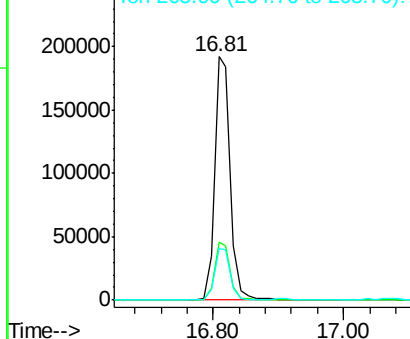
264 100

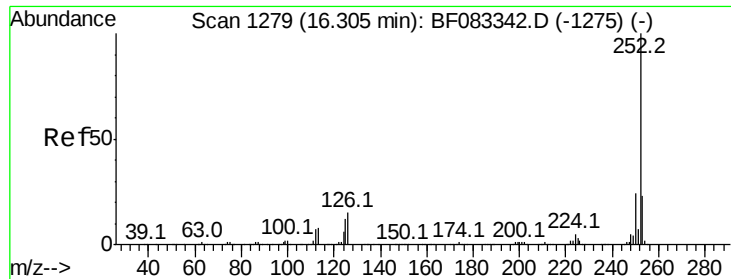
260 23.8 19.0 28.4

265 21.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.28 ng/ml
 RT: 16.31 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.4	27.6
125	13.3	9.6	14.4

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:55 PM

