

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083379.D
 Acq On : 1 Dec 2015 18:25
 Operator : UM/IZ
 Sample : G4561-26
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

Manual Integrations
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 12/2/2015 6:12:45 PM

Quant Time: Dec 02 03:32:32 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	6.56	152	148495m	20.00	ng	0.01
21) Naphthalene-d8	7.84	136	606728	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	312067	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	616803	20.00	ng	0.00
75) Chrysene-d12	14.75	240	524066	20.00	ng	-0.01
86) Perylene-d12	16.82	264	386068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1291359	130.49	ng	0.02
7) Phenol-d6	6.22	99	1706464	125.98	ng	0.00
23) Nitrobenzene-d5	7.12	82	1208194	87.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	393202	125.52	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1991162	90.93	ng	0.00
78) Terphenyl-d14	13.22	244	2127469	96.81	ng	0.00

Target Compounds Qvalue

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

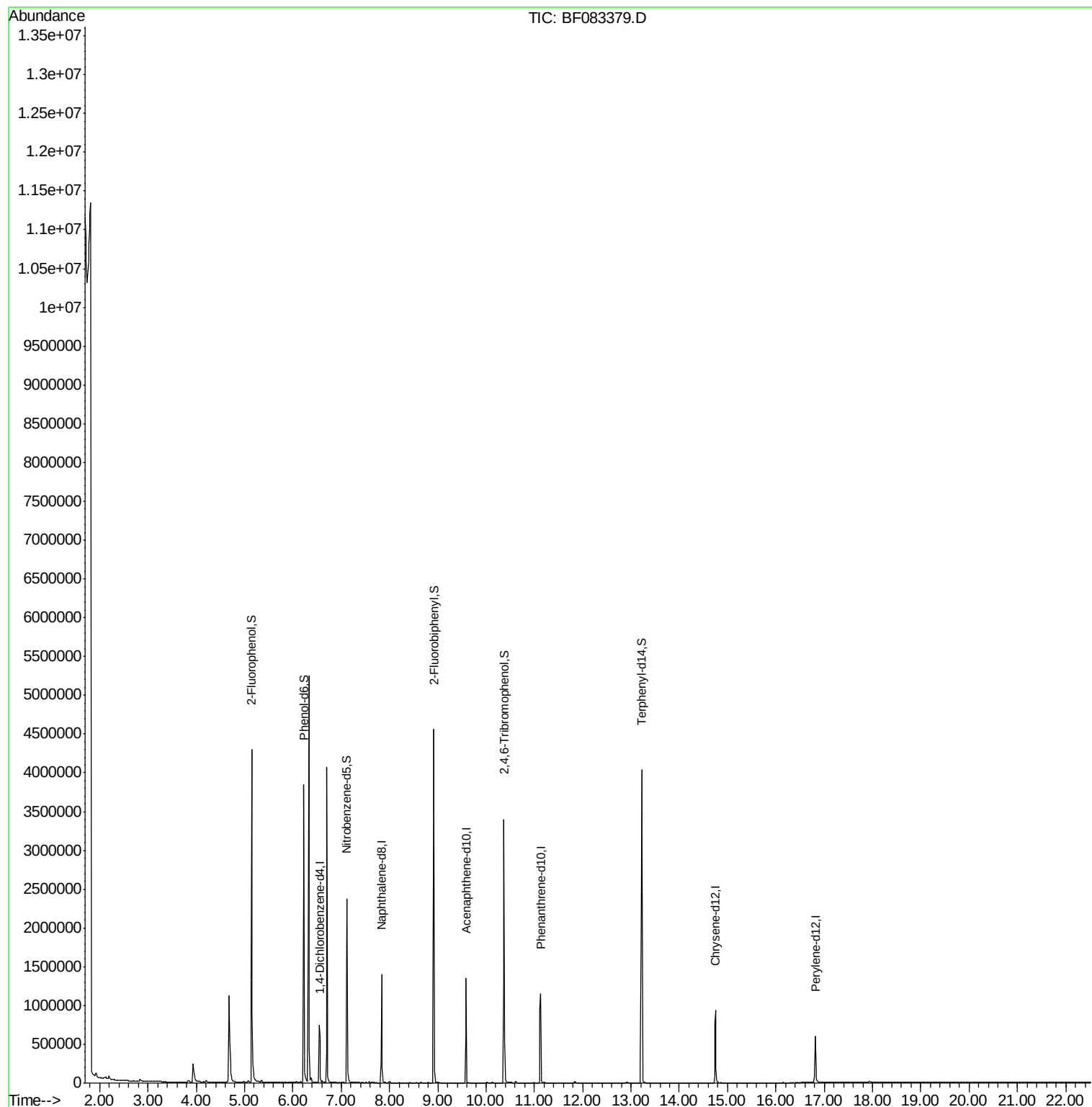
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083379.D
Acq On : 1 Dec 2015 18:25
Operator : UM/IZ
Sample : G4561-26
Misc :
ALS Vial : 4 Sample Multiplier: 1

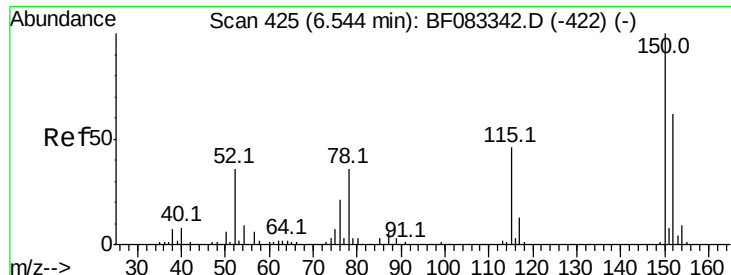
Instrument :
BNA_F
ClientSampleId :
LS-SB45(15-15.5)

Manual Integrations
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Quant Time: Dec 02 03:32:32 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

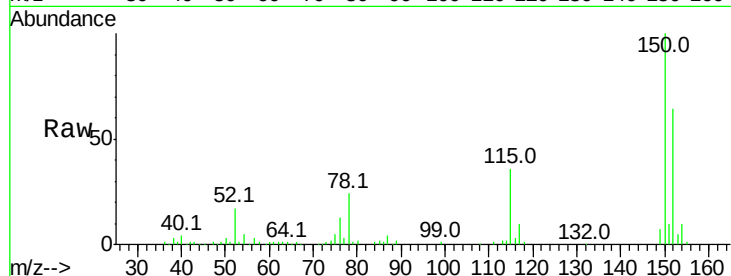
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.56 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Instrument :
BNA_F
ClientSampleId :
LS-SB45(15-15.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	129.8	194.8
115	56.7	59.2	88.8

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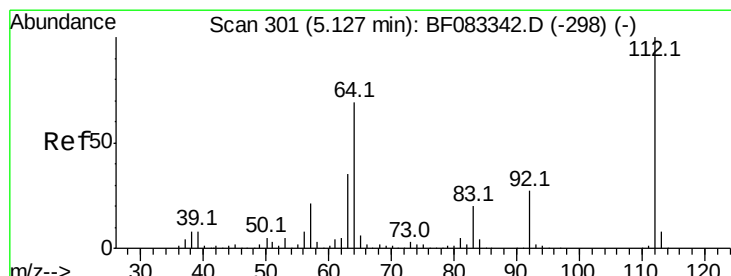
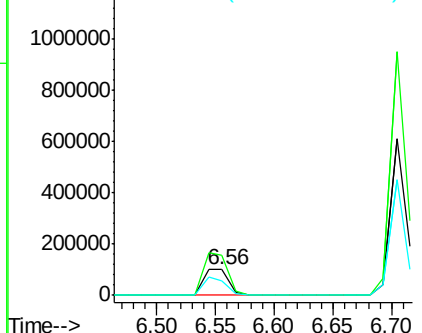
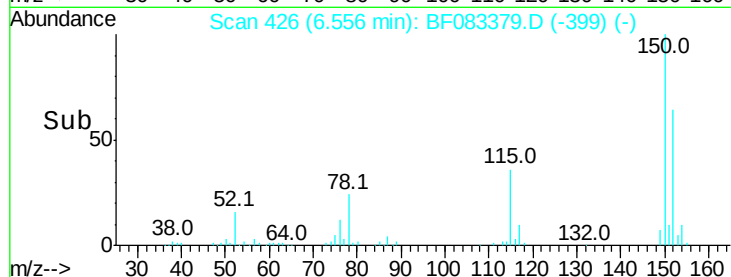


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

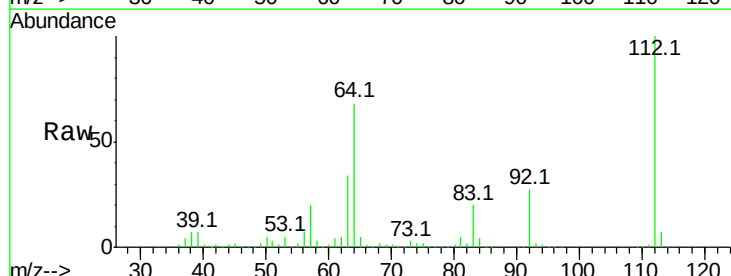
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.49 ng
RT: 5.15 min Scan# 303
Delta R.T. 0.02 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	55.6	83.4
63	34.5	28.2	42.2

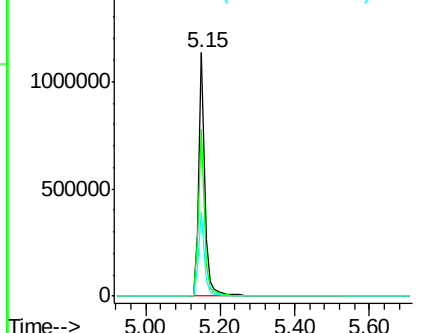
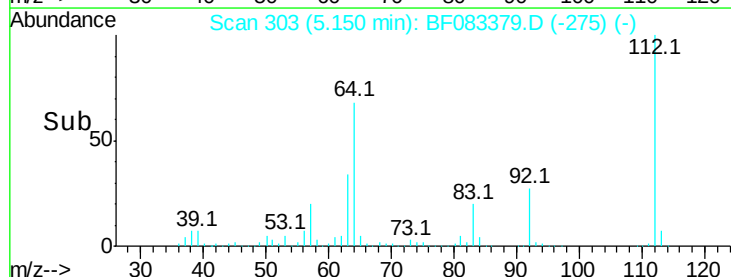


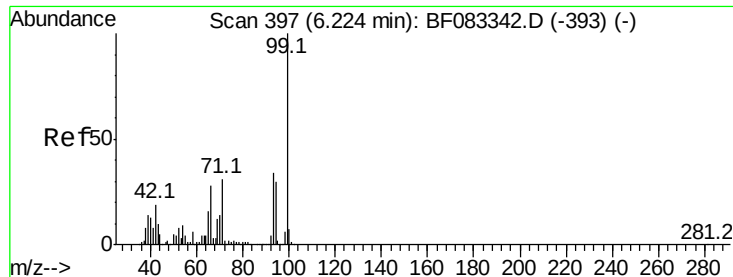
Abundance

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: 125.98 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

Instrument :

BNA_F

ClientSampleId :

LS-SB45(15-15.5)

Tot Ion: 99 Resp: 1706464

Ion Ratio Lower Upper

99 100

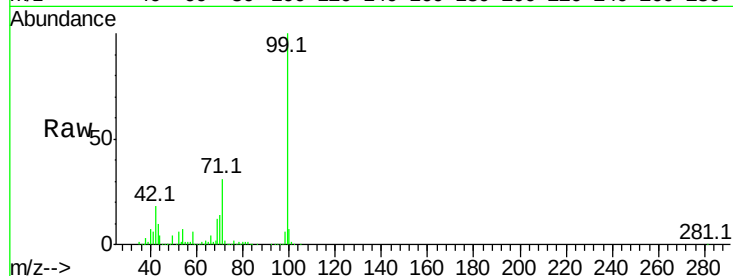
42 17.9 14.9 22.3

71 31.4 24.7 37.1

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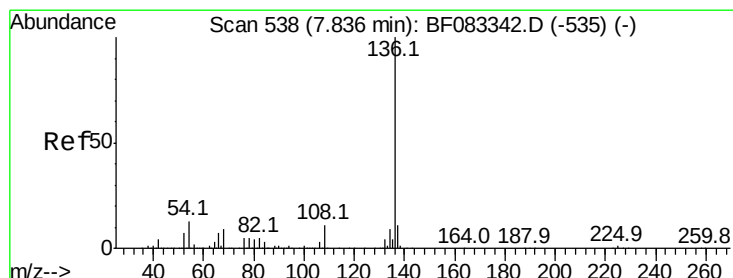
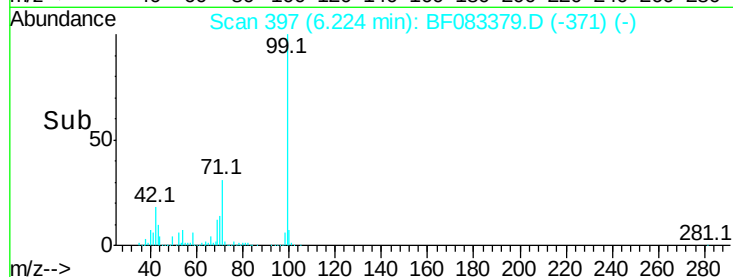
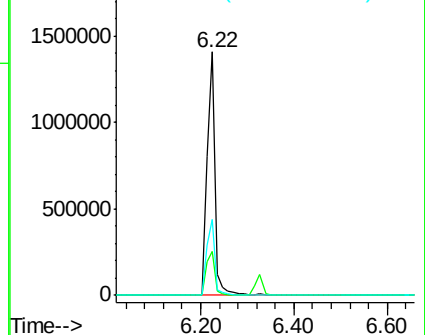
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

Tgt Ion: 136 Resp: 606728

Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 9.8 10.1 15.1#

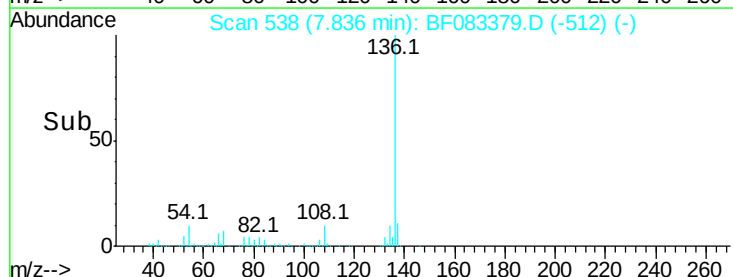
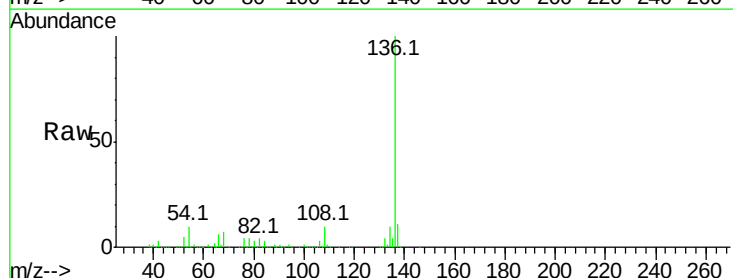
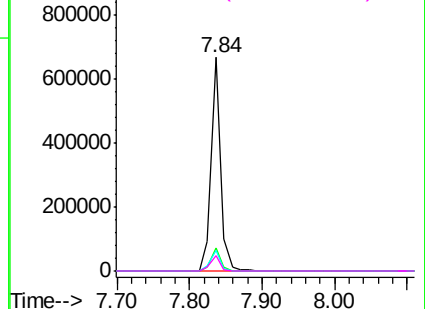
68 7.2 7.1 10.7

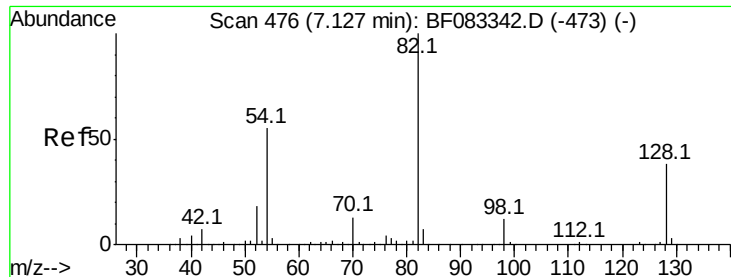
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





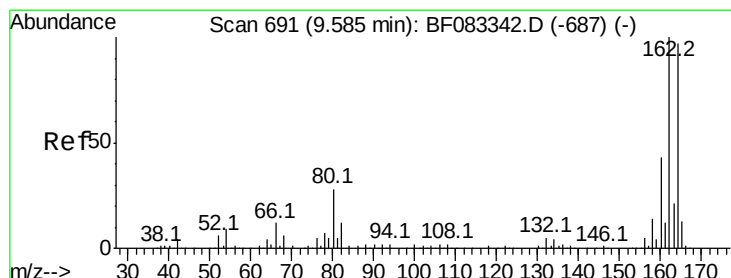
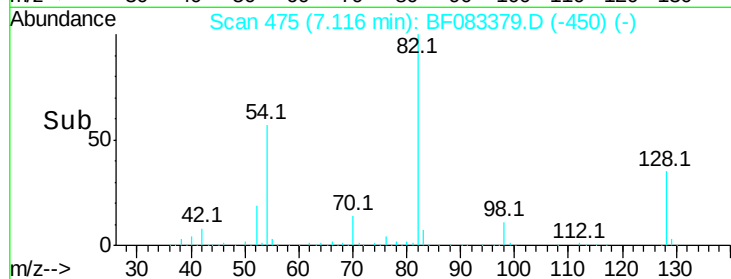
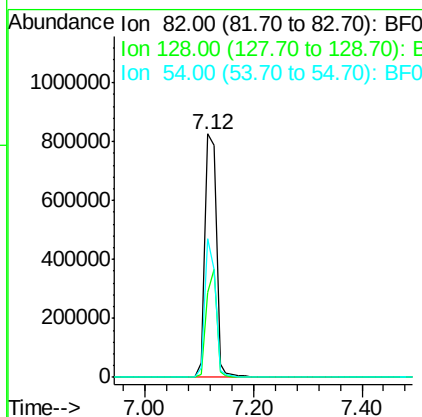
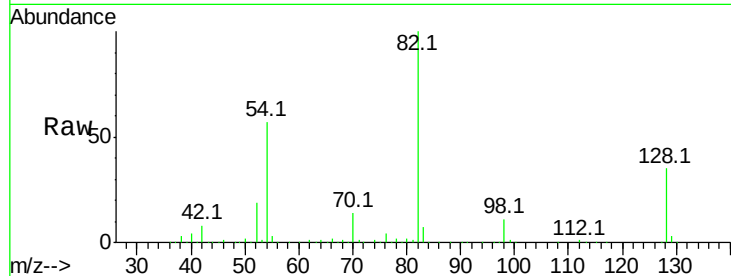
#23
Nitrobenzene-d5
Concen: 87.54 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Instrument :
BNA_F
ClientSampleId :
LS-SB45(15-15.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	30.6	46.0
54	57.1	43.8	65.6

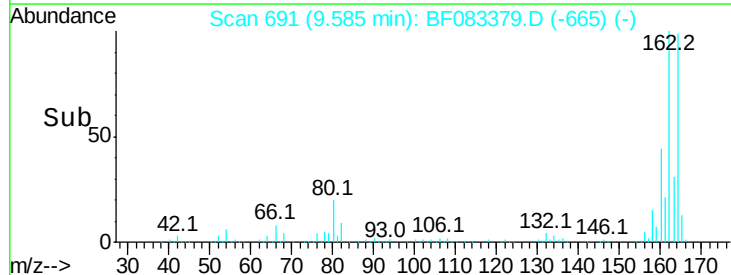
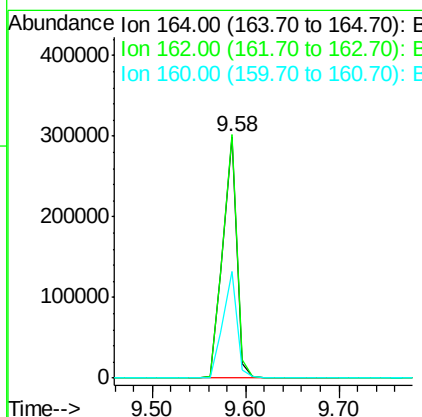
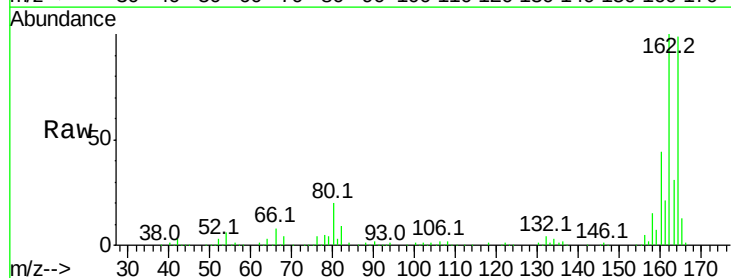
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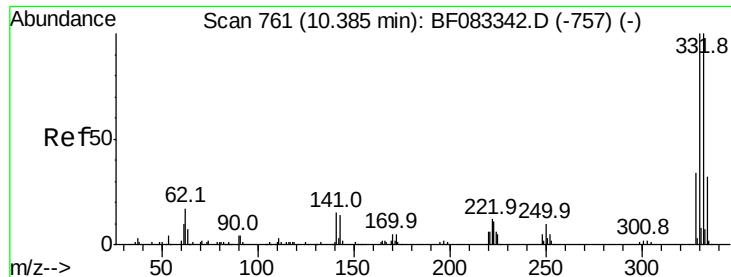
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.0	35.3	52.9





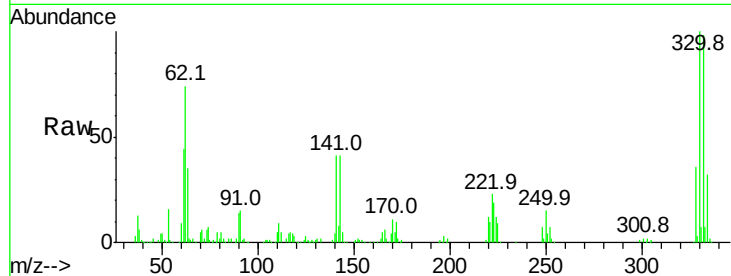
#41
 2,4,6-Tribromophenol
 Concen: 125.52 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

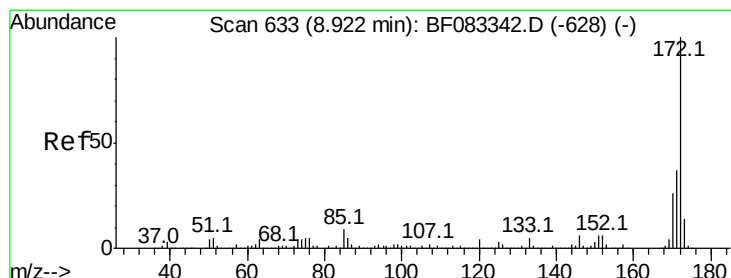
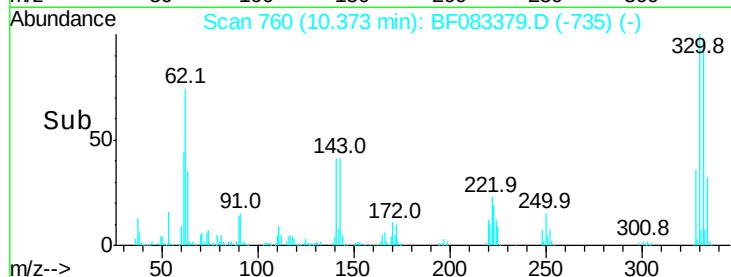
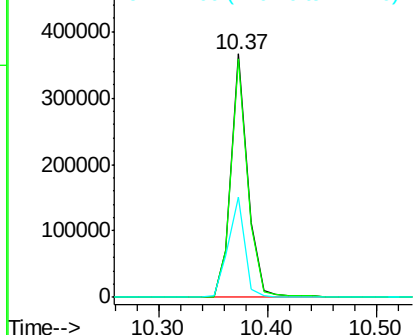
Tot Ion	Ratio	Resp	Lower	Upper
330	100	393202		
332	99.4	77.8	116.6	
141	41.4	29.4	44.0	

Manual Integrations
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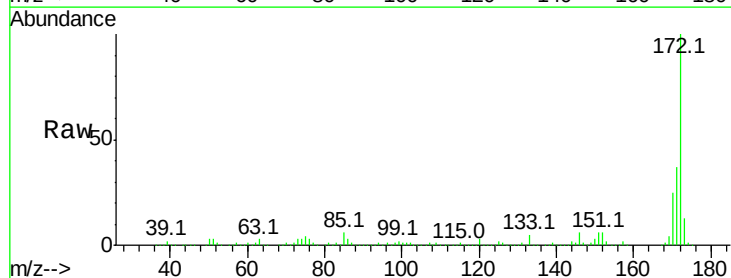


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

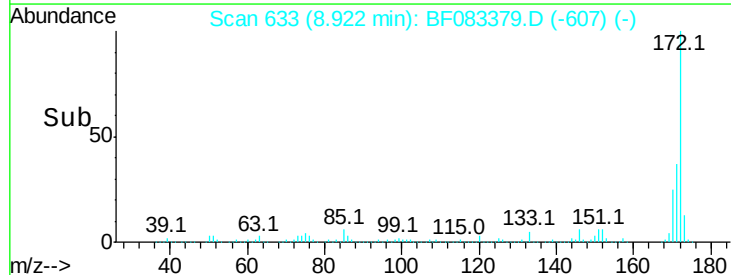
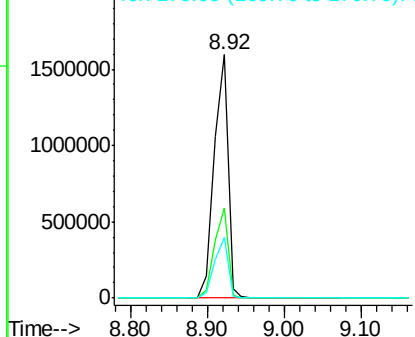


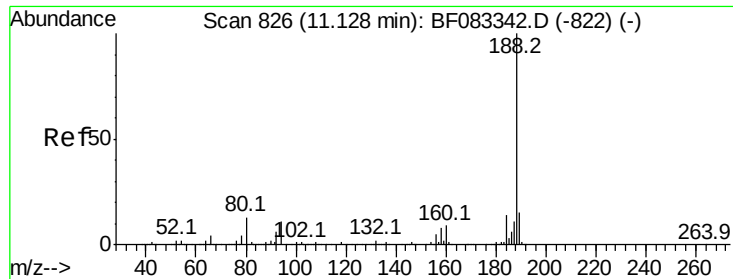
#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1991162		
171	36.8	29.4	44.0	
170	24.7	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





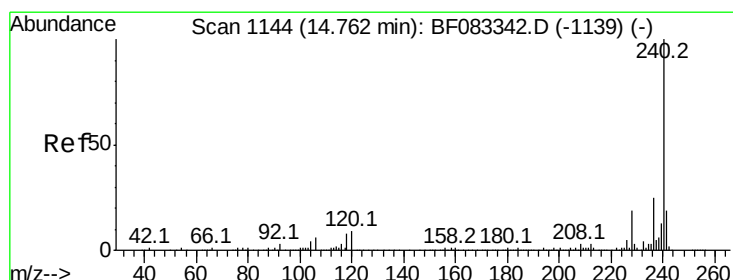
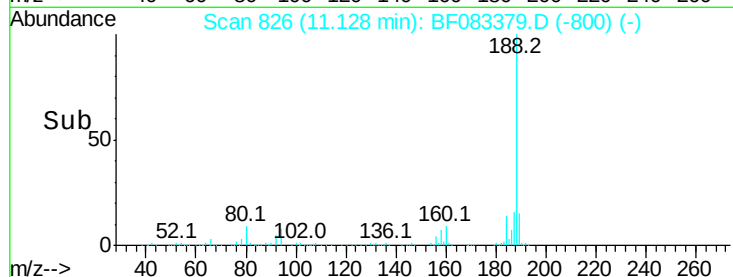
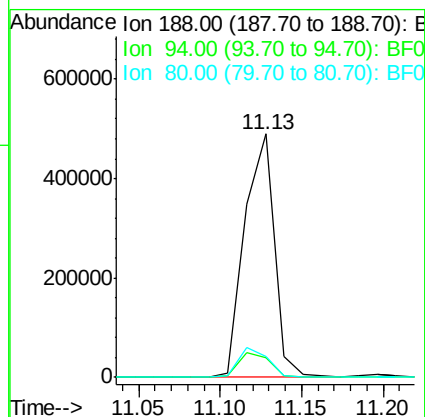
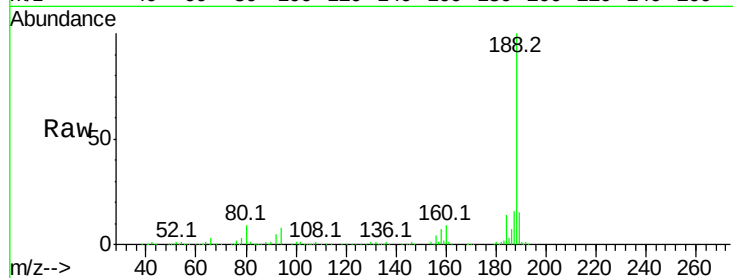
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Instrument :
BNA_F
ClientSampleId :
LS-SB45(15-15.5)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	8.7	13.1#
80	8.5	10.3	15.5#

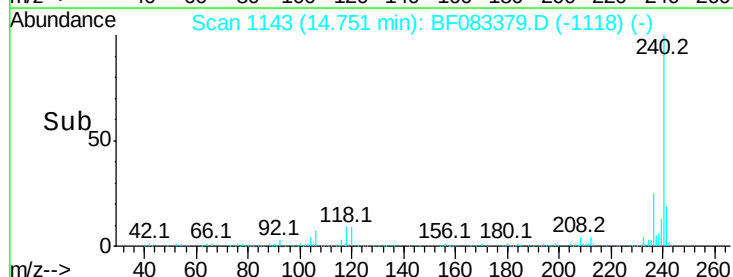
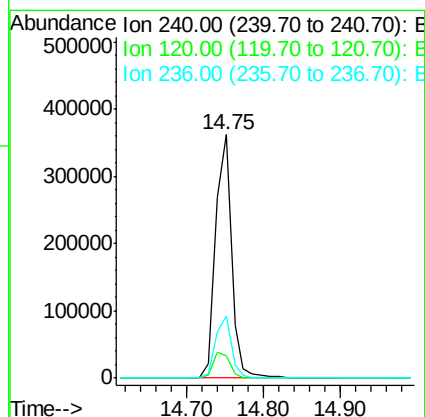
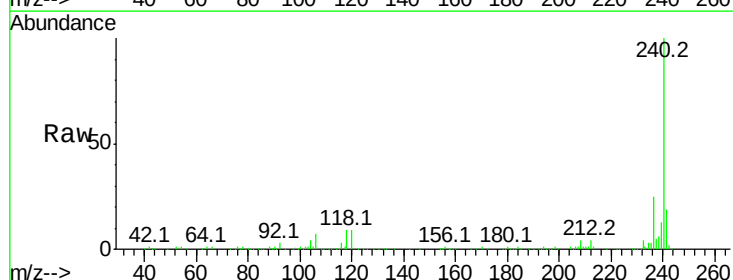
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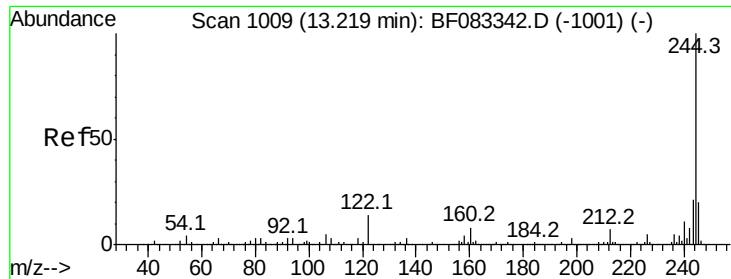
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.2	6.9	10.3
236	25.5	19.8	29.6





#78

Terphenyl-d14

Concen: 96.81 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083379.D

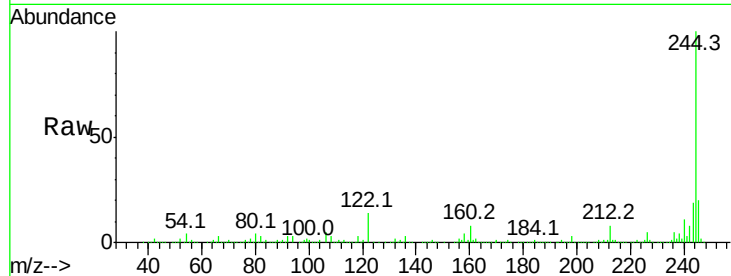
Acq: 1 Dec 2015 18:25

Instrument :

BNA_F

ClientSampleId :

LS-SB45(15-15.5)



Tot Ion:244 Resp: 2127469

Ion Ratio Lower Upper

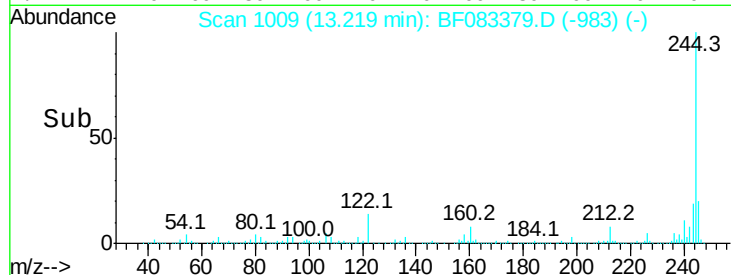
244 100

212 7.6 5.8 8.8

122 14.3 11.0 16.4

Manual Integrations
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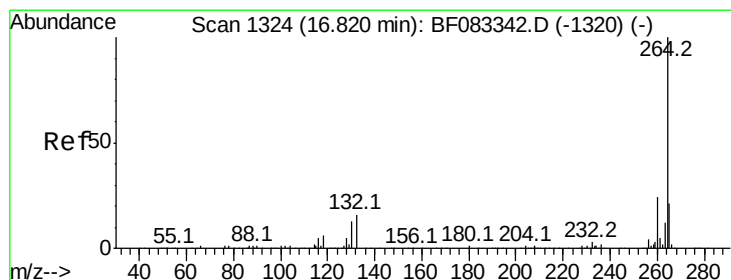
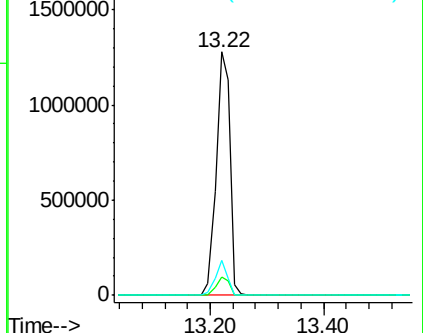
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.82 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

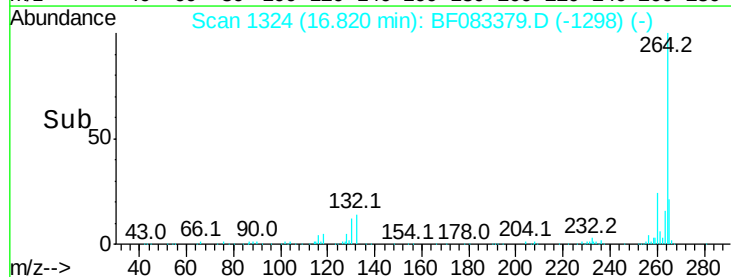
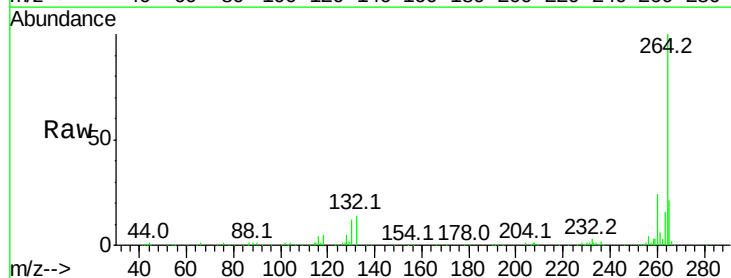
Tgt Ion:264 Resp: 386068

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 21.3 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

