

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083409.D
 Acq On : 2 Dec 2015 9:49
 Operator : UM/IZ
 Sample : G4441-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-E.TRANS.3

Manual Integrations
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Mmdadoda
 12/2/2015 6:13:06 PM

Quant Time: Dec 02 10:18:59 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	332453	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	1290988	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	663800	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	1155617	20.00	ng	0.00
75) Chrysene-d12	14.75	240	779596	20.00	ng	-0.01
86) Perylene-d12	16.82	264	798623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1335345	60.27	ng	0.01
7) Phenol-d6	6.21	99	1741490	57.43	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1081340	36.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	323308	48.52	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1734466	37.24	ng	0.00
78) Terphenyl-d14	13.22	244	1272164	38.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	489303	9.07	ng	98
74) Fluoranthene	12.66	202	180051	2.54	ng	94
77) Pyrene	12.97	202	170411	3.13	ng	97
87) Benzo(b)fluoranthene	16.31	252	115503m	2.25	ng	

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

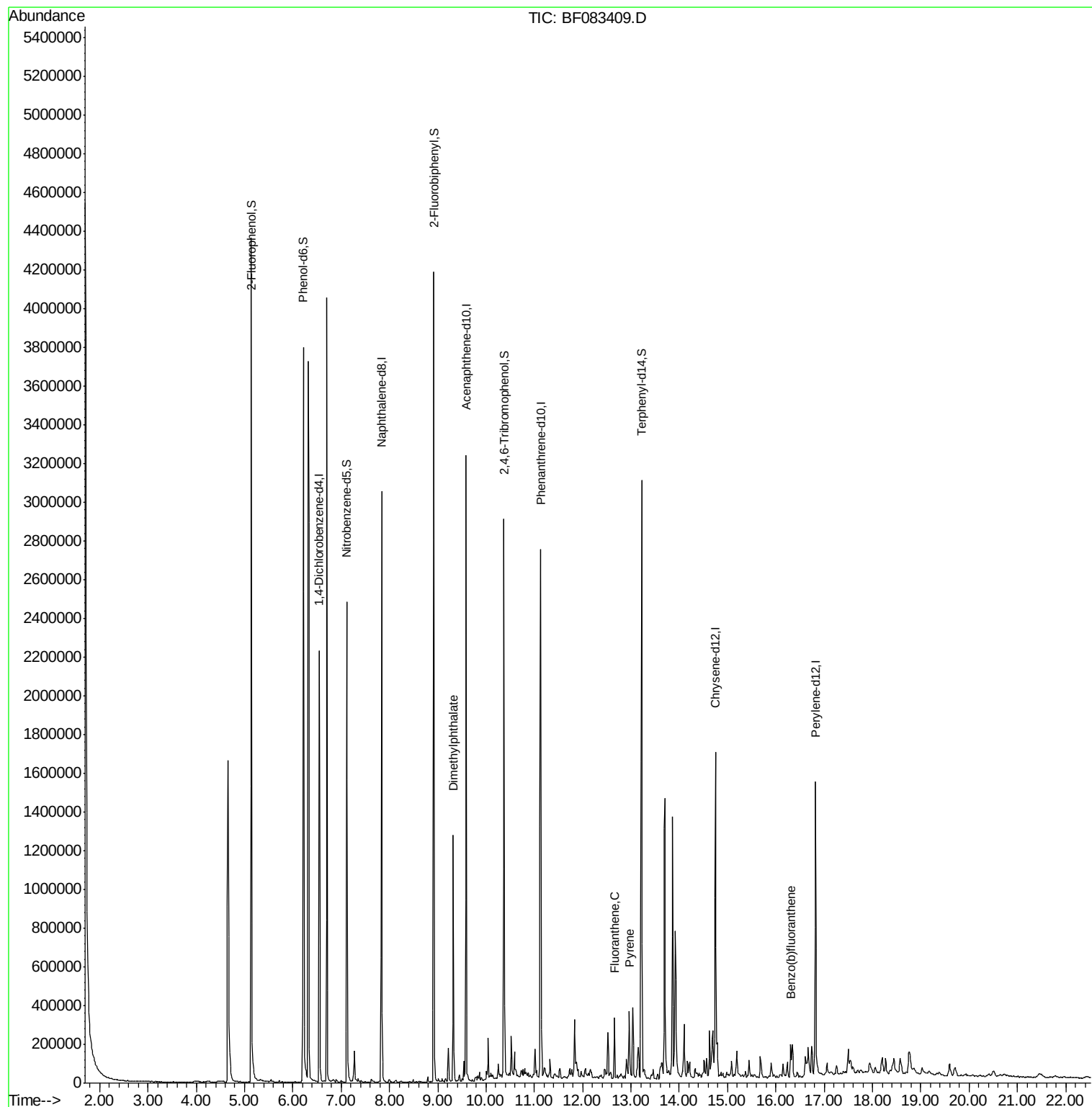
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083409.D
Acq On : 2 Dec 2015 9:49
Operator : UM/IZ
Sample : G4441-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

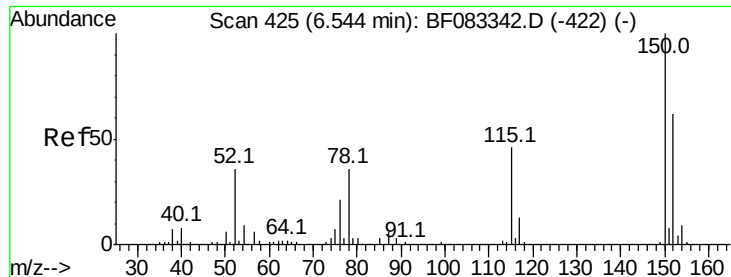
Instrument :
BNA_F
ClientSampleId :
S-E.TRANS.3

Manual Integrations
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12/2/2015 6:13:06 PM

Quant Time: Dec 02 10:18:59 2015
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#1

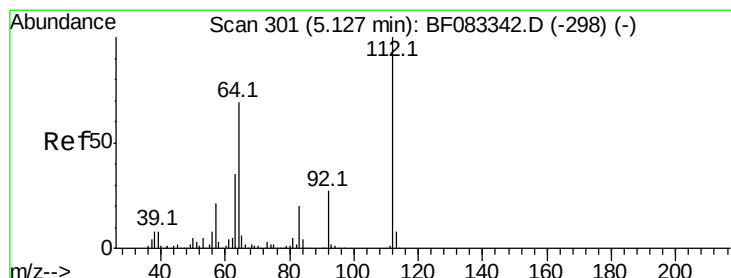
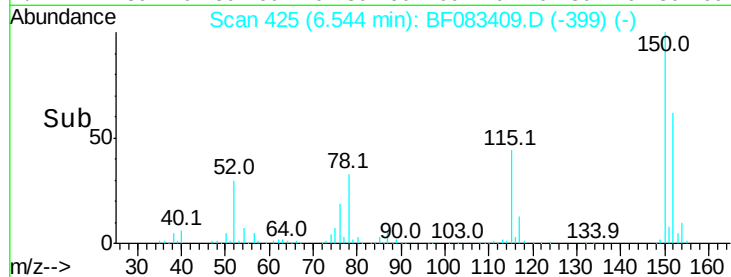
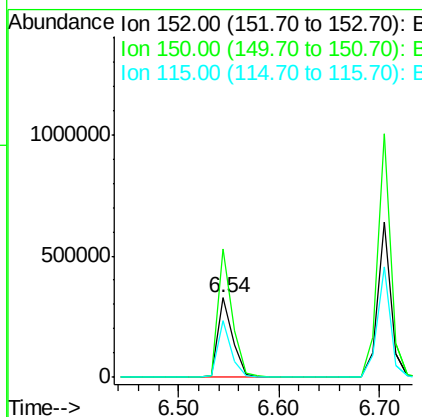
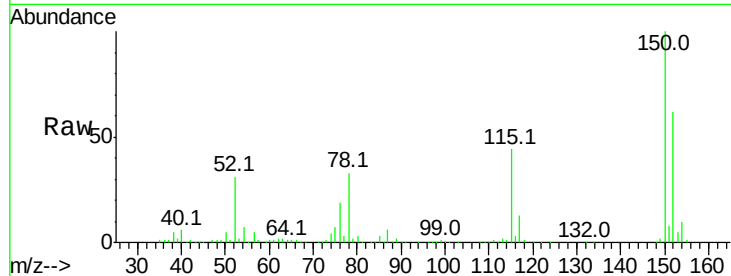
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083409.D
Acq: 2 Dec 2015 9:49

Instrument :
BNA_F
ClientSampleId :
S-E.TRANS.3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	129.8	194.8
115	70.6	59.2	88.8

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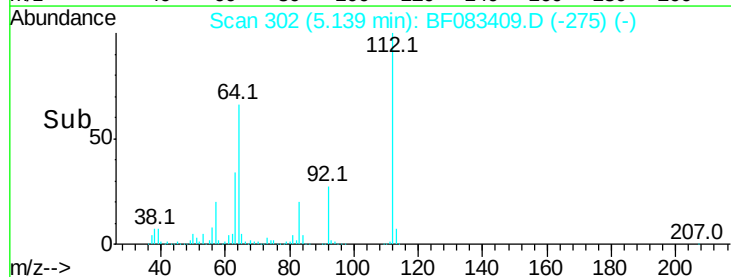
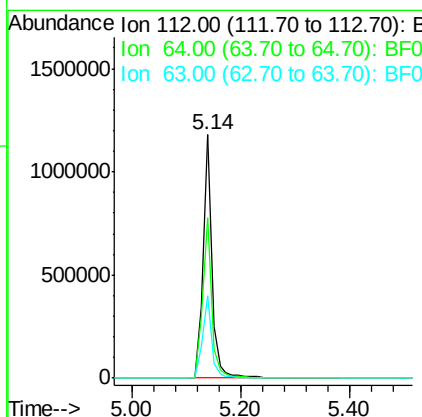
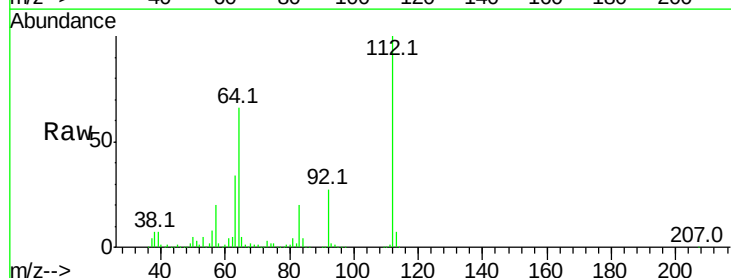
Mmdadoda
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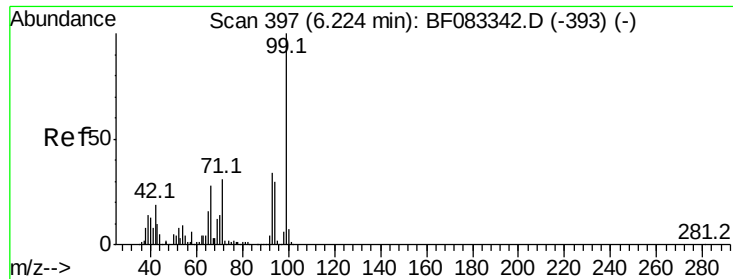


#5

2-Fluorophenol
Concen: 60.27 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083409.D
Acq: 2 Dec 2015 9:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	55.6	83.4
63	33.6	28.2	42.2





#7

Phenol-d6

Concen: 57.43 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083409.D

Acq: 2 Dec 2015 9:49

Instrument :

BNA_F

ClientSampleId :

S-E.TRANS.3

Tot Ion: 99 Resp: 1741490

Ion Ratio Lower Upper

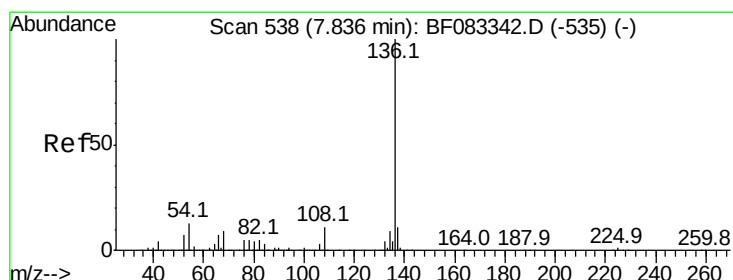
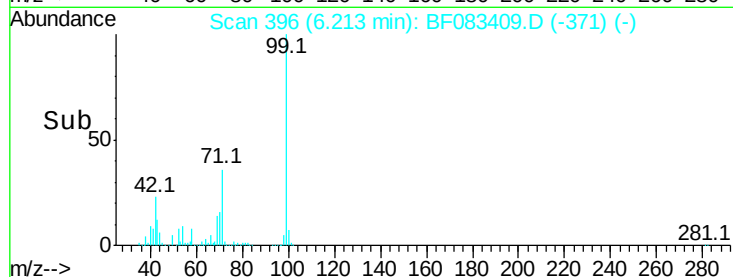
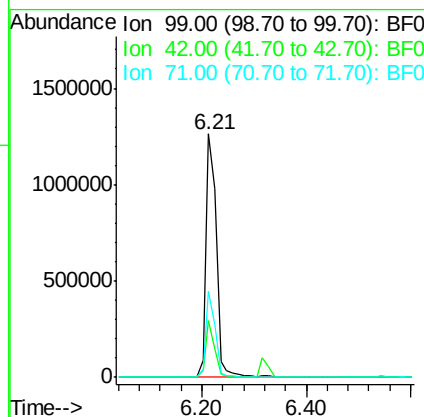
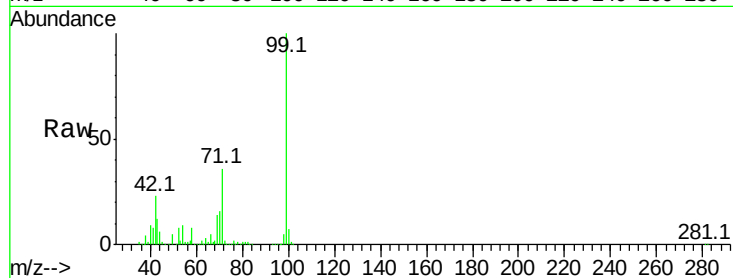
99 100

42 23.1 14.9 22.3#

71 35.6 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: BF083409.D

Acq: 2 Dec 2015 9:49

Tgt Ion: 136 Resp: 1290988

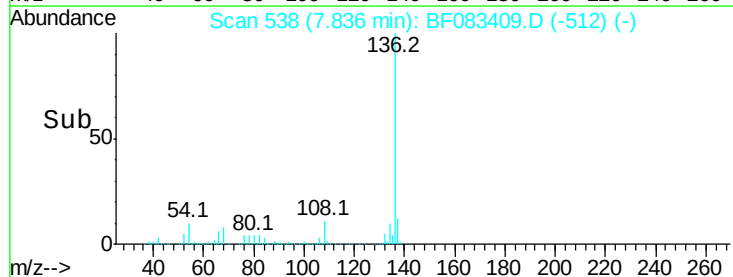
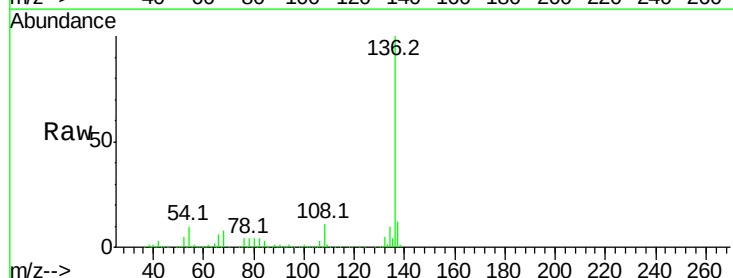
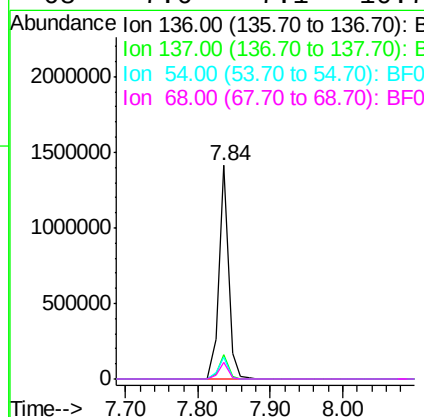
Ion Ratio Lower Upper

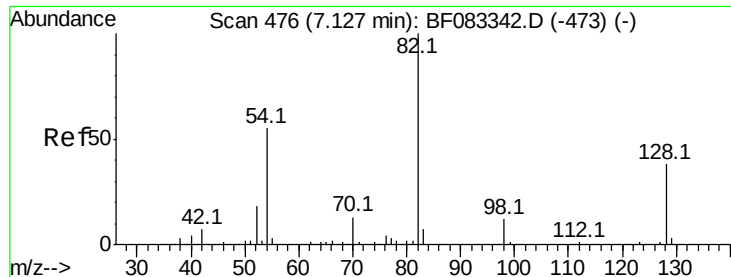
136 100

137 11.5 9.0 13.4

54 10.4 10.1 15.1

68 7.6 7.1 10.7





#23

Nitrobenzene-d5

Concen: 36.82 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083409.D

Acq: 2 Dec 2015 9:49

Instrument :

BNA_F

ClientSampleId :

S-E.TRANS.3

Tot Ion: 82 Resp: 1081340

Ion Ratio Lower Upper

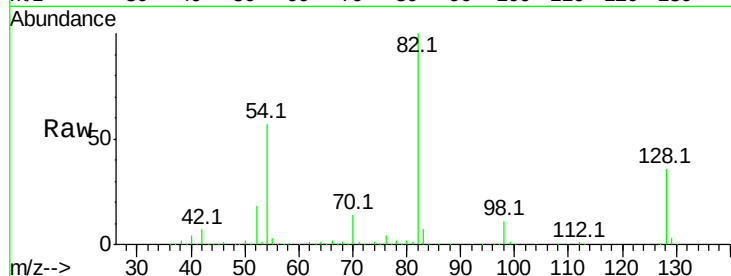
82 100

128 36.1 30.6 46.0

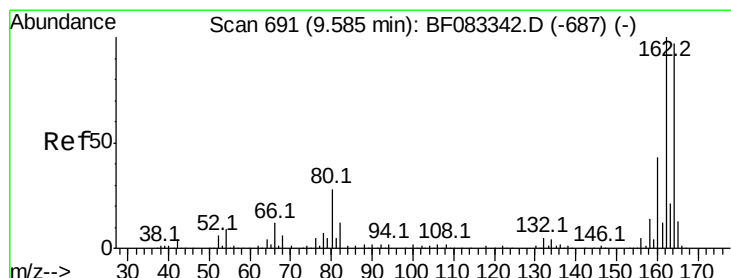
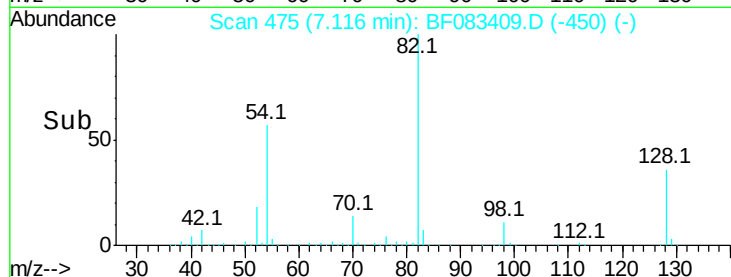
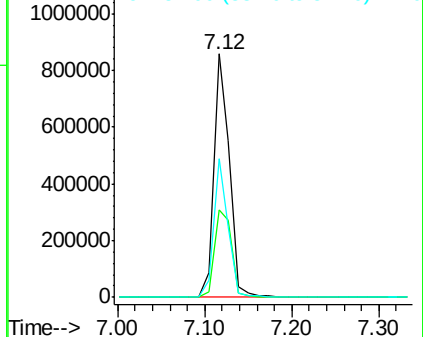
54 56.9 43.8 65.6

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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: BF083409.D

Acq: 2 Dec 2015 9:49

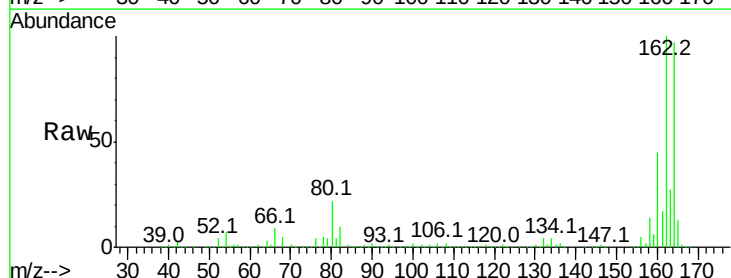
Tgt Ion: 164 Resp: 663800

Ion Ratio Lower Upper

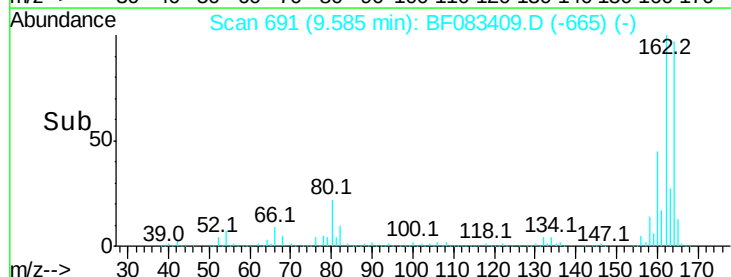
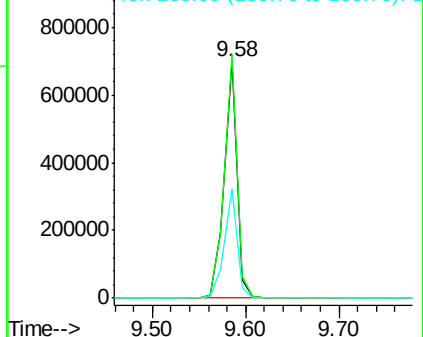
164 100

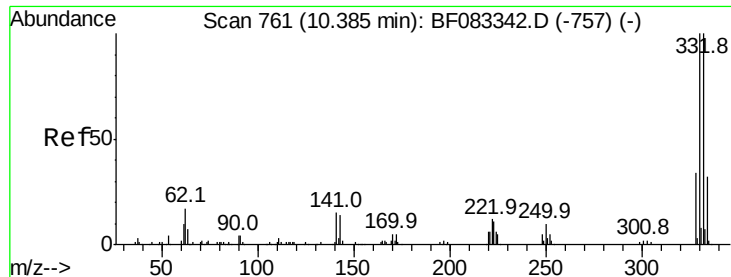
162 102.7 82.6 123.8

160 45.8 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





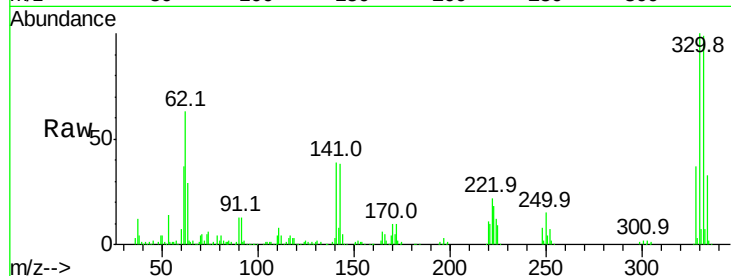
#41
 2,4,6-Tribromophenol
 Concen: 48.52 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083409.D
 Acq: 2 Dec 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 S-E.TRANS.3

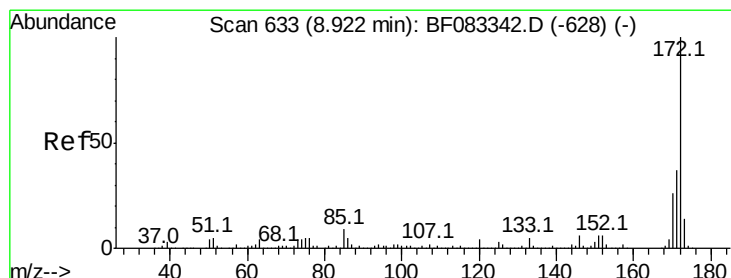
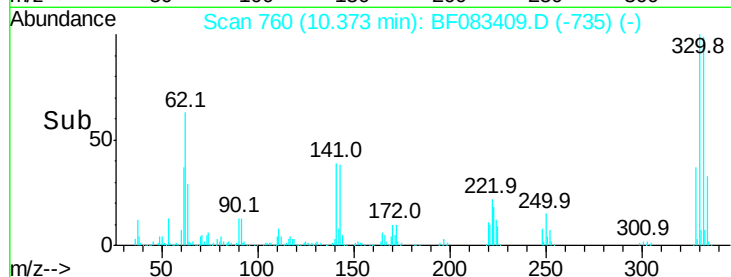
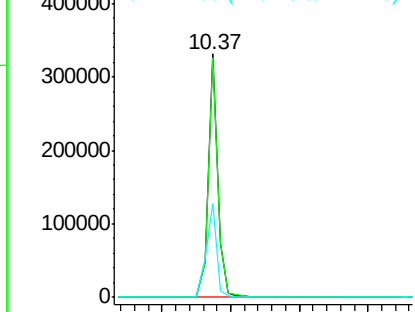
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6		77.8	116.6
141	41.9		29.4	44.0

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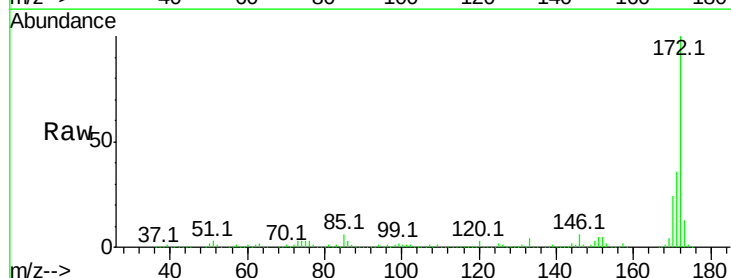


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

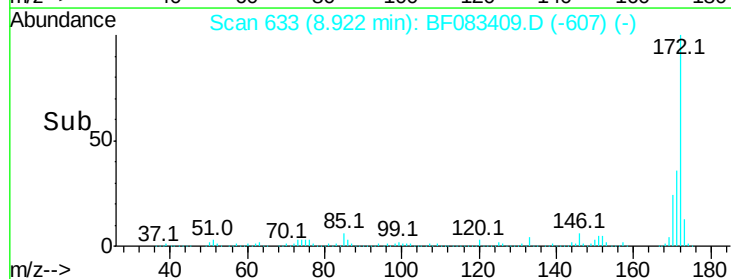
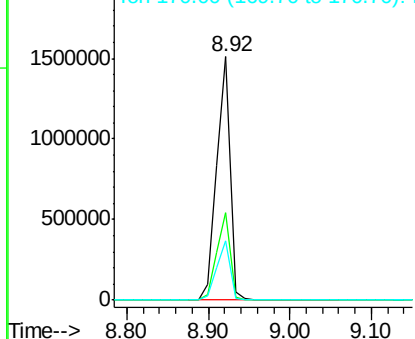


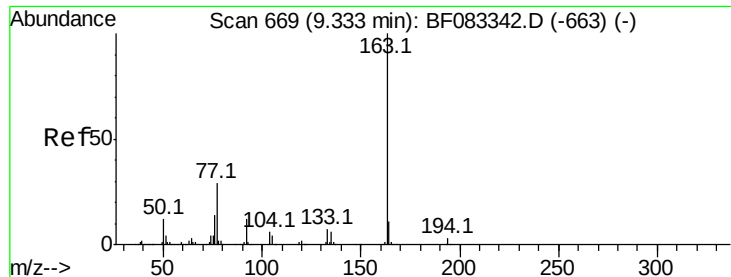
#44
 2-Fluorobiphenyl
 Concen: 37.24 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083409.D
 Acq: 2 Dec 2015 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8		29.4	44.0
170	24.5		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





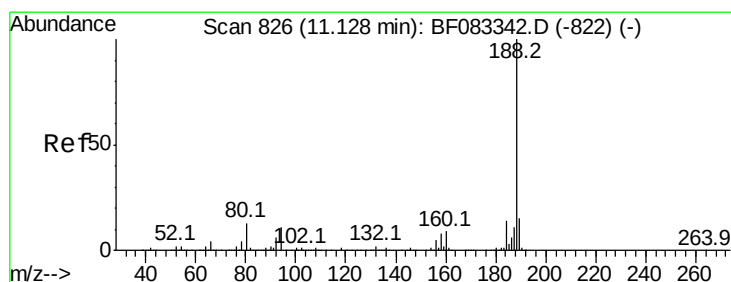
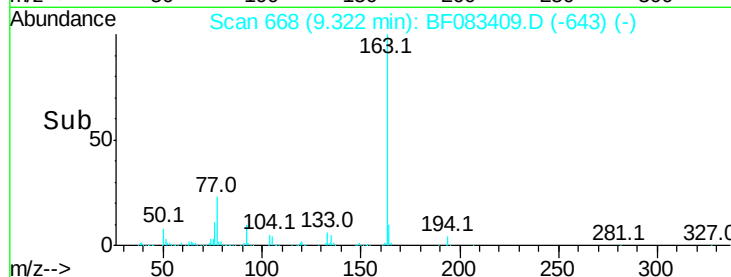
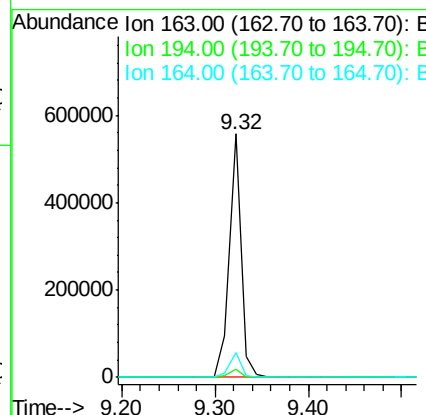
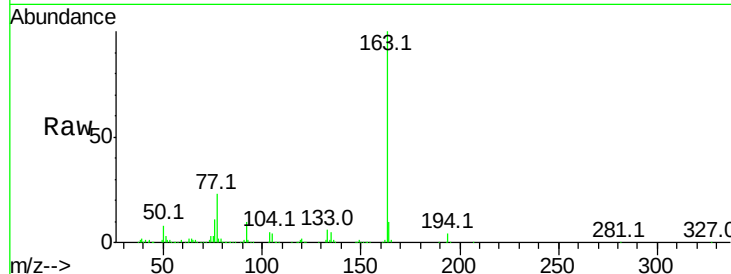
#49
Dimethylphthalate
Concen: 9.07 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083409.D
Acq: 2 Dec 2015 9:49

Instrument :
BNA_F
ClientSampleId :
S-E.TRANS.3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	489303		
194	3.5		2.7	4.1
164	10.2		8.8	13.2

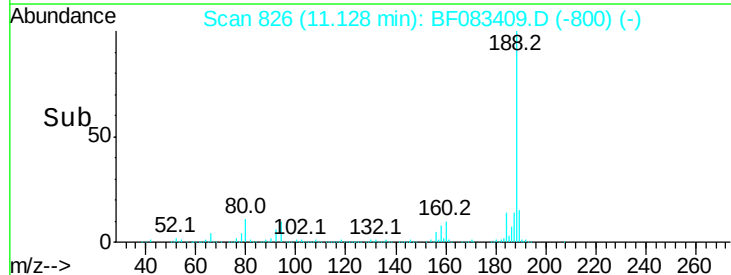
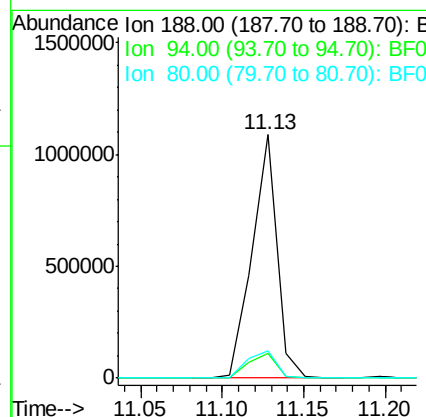
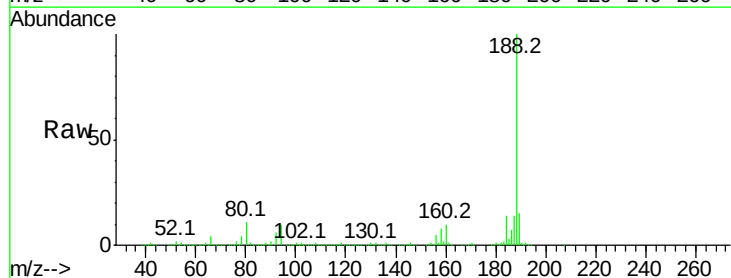
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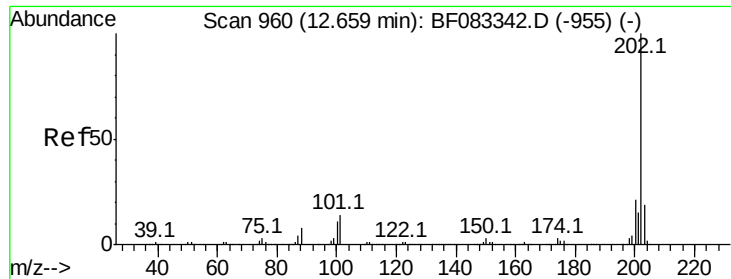
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083409.D
Acq: 2 Dec 2015 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1155617		
94	9.9		8.7	13.1
80	11.2		10.3	15.5





#74

Fluoranthene

Concen: 2.54 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083409.D

Acq: 2 Dec 2015 9:49

Instrument :

BNA_F

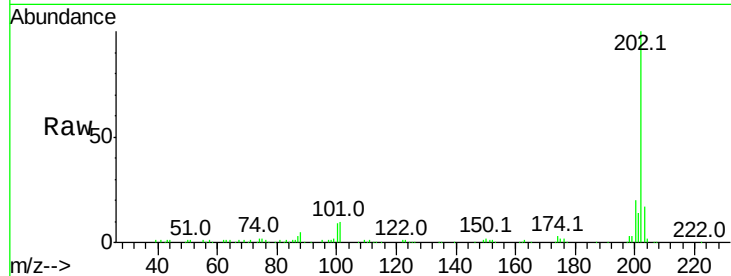
ClientSampleId :

S-E.TRANS.3

Tot Ion:	202	Resp:	180051
Ion Ratio		Lower	Upper
202	100		
101	10.4	0.0	34.5
203	17.1	0.0	38.7

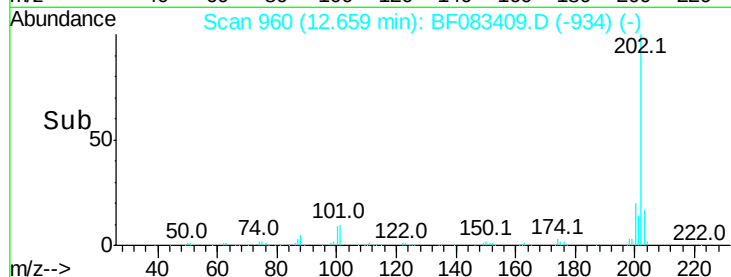
Manual Integrations
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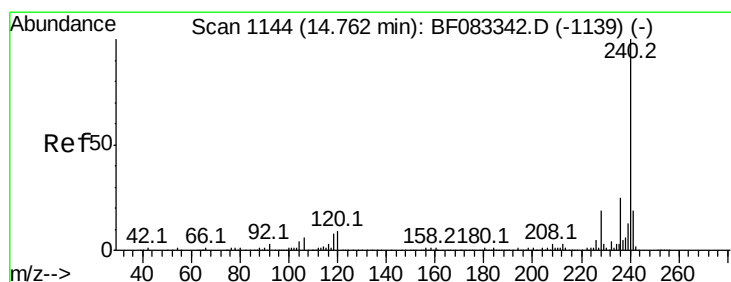


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.66



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

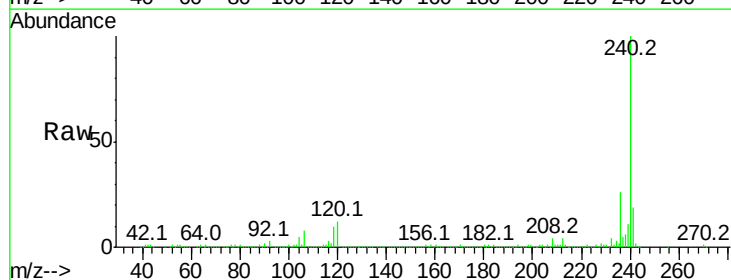
RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083409.D

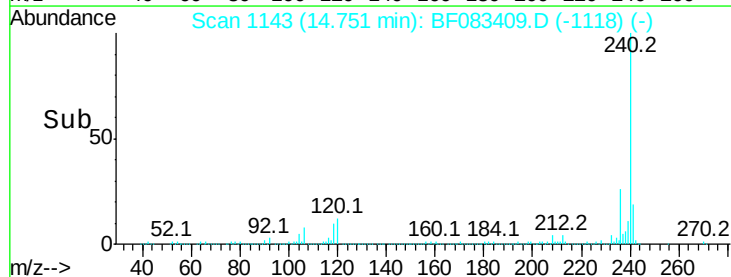
Acq: 2 Dec 2015 9:49

Tgt Ion:	240	Resp:	779596
Ion Ratio		Lower	Upper
240	100		
120	11.7	6.9	10.3#
236	25.6	19.8	29.6

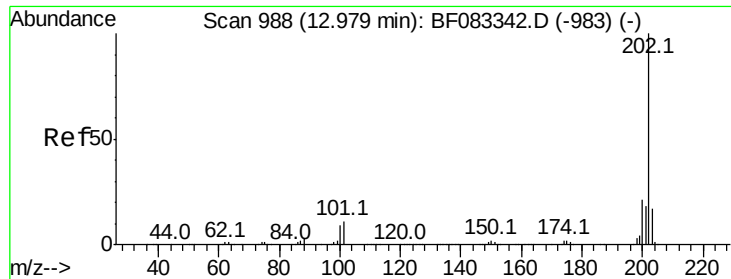


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.75



Time-->



#77

Pvrene

Concen: 3.13 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083409.D

Acq: 2 Dec 2015 9:49

Instrument :

BNA_F

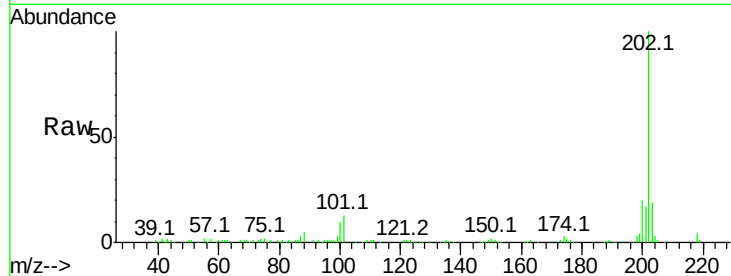
ClientSampleId :

S-E.TRANS.3

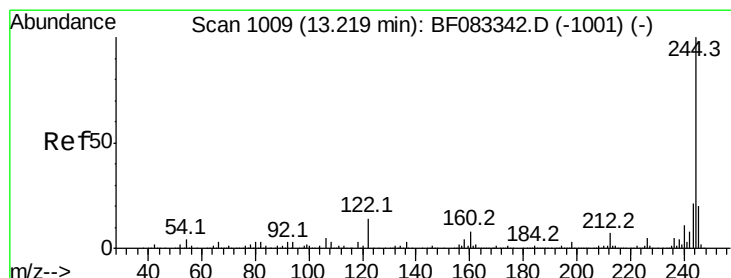
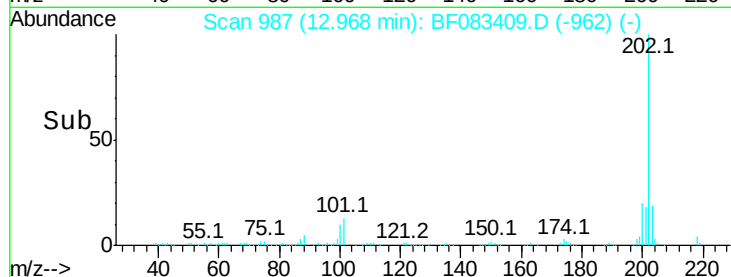
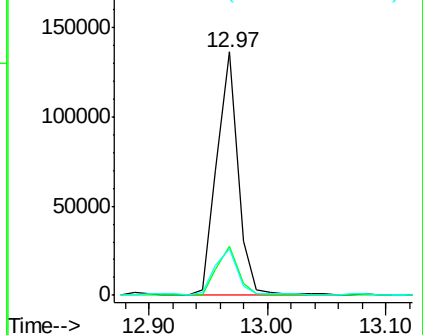
Tot Ion:	202	Resp:	170411
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.9	25.3
203	19.4	13.9	20.9

Manual Integrations
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12/2/2015 6:13:06 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.92 ng

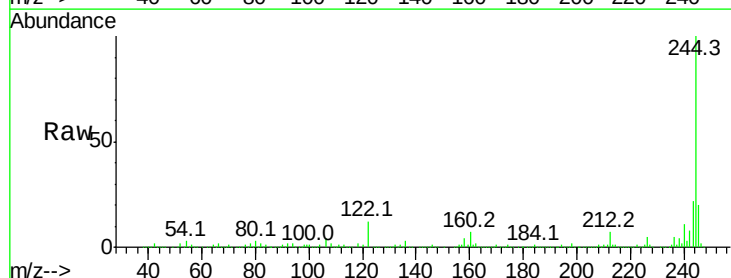
RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

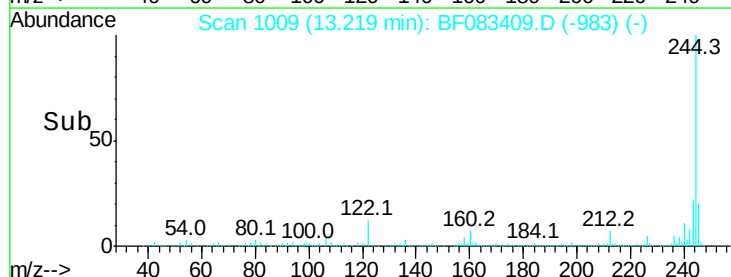
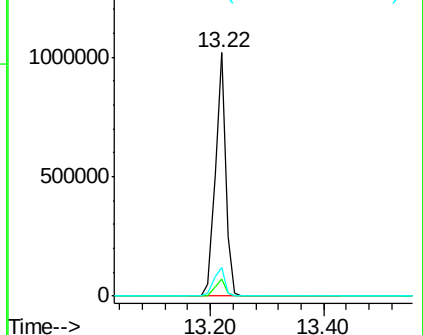
Lab File: BF083409.D

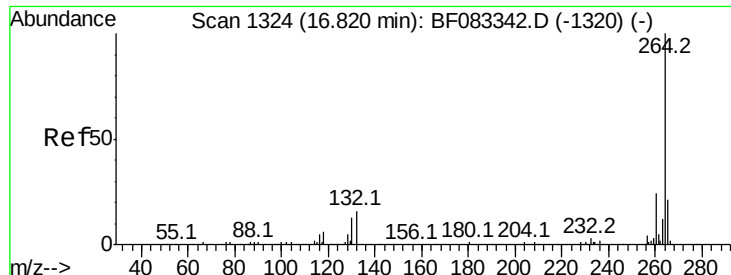
Acq: 2 Dec 2015 9:49

Tgt Ion:	244	Resp:	1272164
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	11.9	11.0	16.4



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

Pervlene-d12

Concen: 20.00 ng

RT: 16.82 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF083409.D

Acq: 2 Dec 2015 9:49

Instrument :

BNA_F

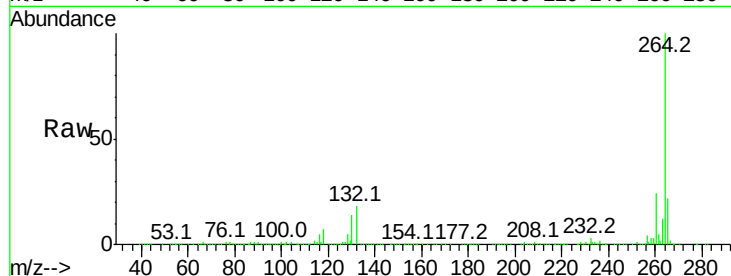
ClientSampleId :

S-E.TRANS.3

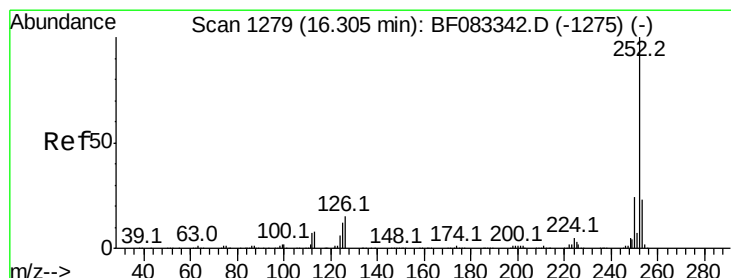
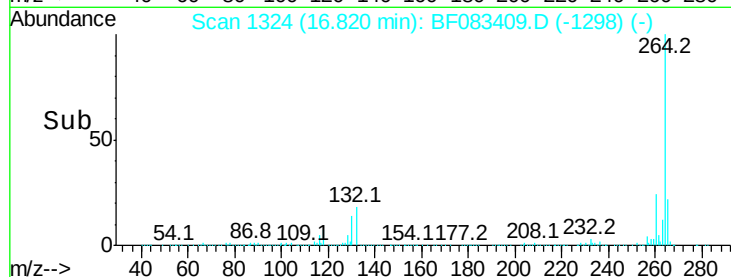
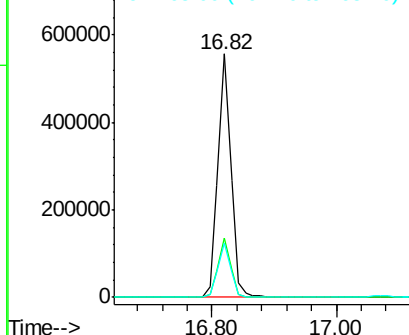
Tot Ion:	264	Resp:	798623
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.4
265	22.1	16.8	25.2

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:06 PM



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: 2.25 ng m

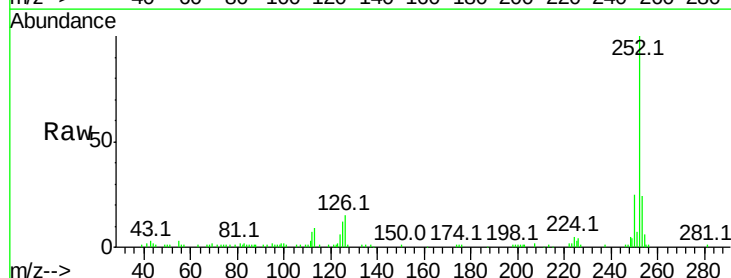
RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083409.D

Acq: 2 Dec 2015 9:49

Tgt Ion:	252	Resp:	115503
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.4	27.6
125	11.8	9.6	14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

