

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083689.D
 Acq On : 10 Dec 2015 21:31
 Operator : UM/IZ
 Sample : G4582-16DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(8-14)DL

Manual Integrations
 APPROVED

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 12/11/2015 6:01:39 PM

Quant Time: Dec 11 03:23:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	134348	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	511762	20.00	ng	-0.10
38) Acenaphthene-d10	10.28	164	252955	20.00	ng	-0.10
63) Phenanthrene-d10	12.68	188	476410	20.00	ng	-0.10
75) Chrysene-d12	16.91	240	379608	20.00	ng	-0.08
86) Perylene-d12	18.57	264	298324	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	3.90	112	682167	77.01	ng	-0.07
7) Phenol-d6	5.18	99	924702	78.13	ng	-0.09
23) Nitrobenzene-d5	6.44	82	579861	52.87	ng	-0.09
41) 2,4,6-Tribromophenol	11.58	330	172431	76.51	ng	-0.10
44) 2-Fluorobiphenyl	9.24	172	845261	47.03	ng	-0.10
78) Terphenyl-d14	15.31	244	736801	45.67	ng	-0.10
Target Compounds						
31) Naphthalene	7.54	128	1413415	52.15	ng	99
49) Dimethylphthalate	9.94	163	187237	9.30	ng	99
70) Phenanthrene	12.74	178	104690	3.82	ng	98
77) Pyrene	15.03	202	63371	2.32	ng	96

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

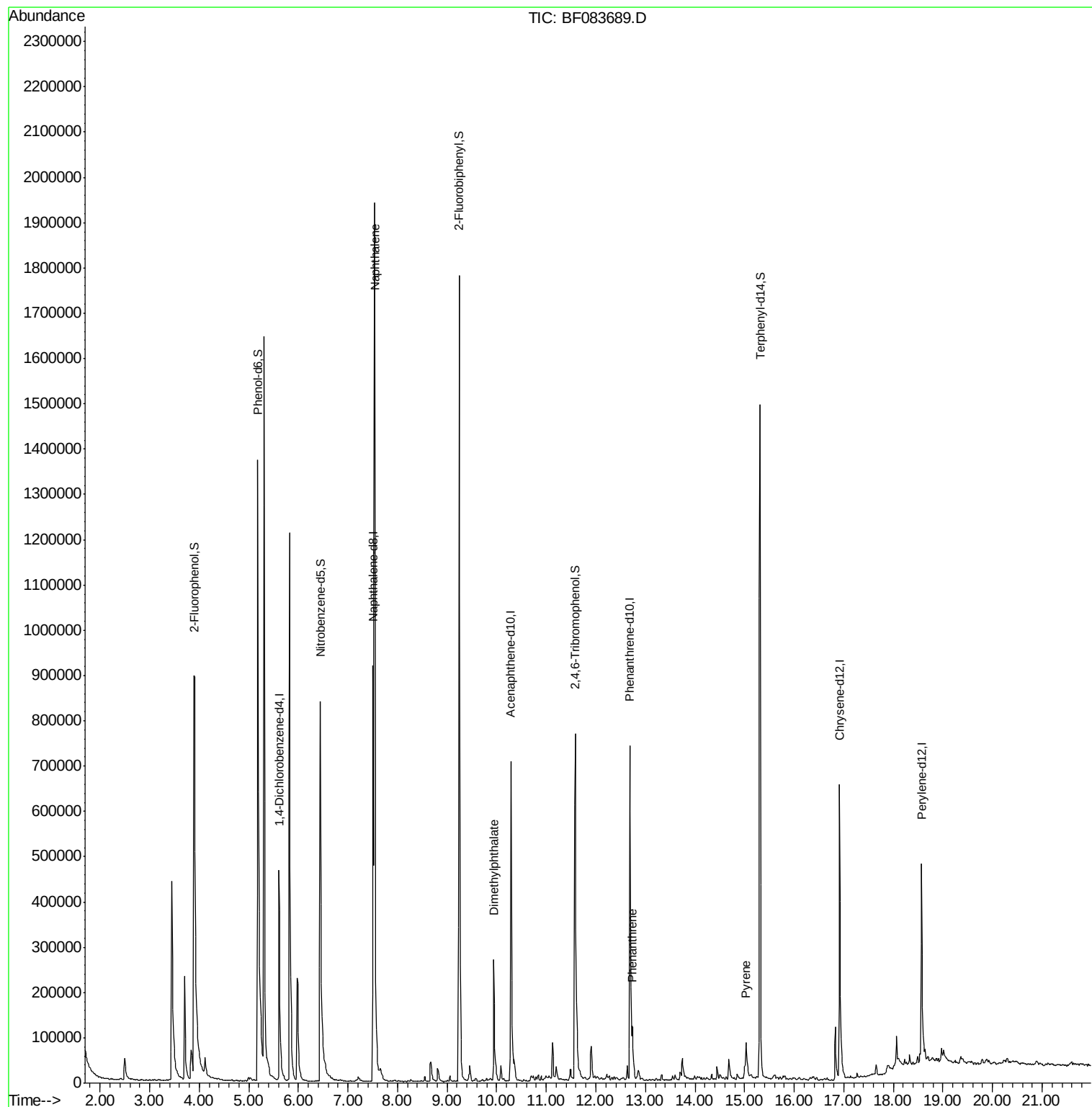
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083689.D
Acq On : 10 Dec 2015 21:31
Operator : UM/IZ
Sample : G4582-16DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

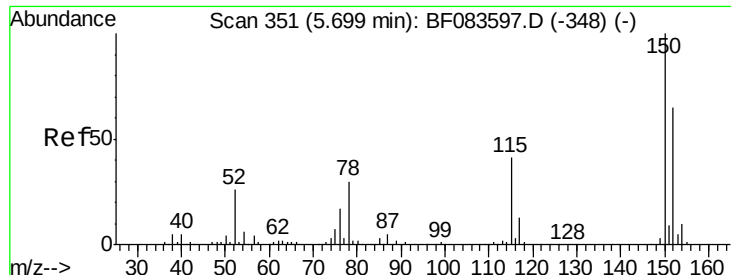
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)DL

Manual Integrations
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12/11/2015 6:01:39 PM

Quant Time: Dec 11 03:23:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration





#1

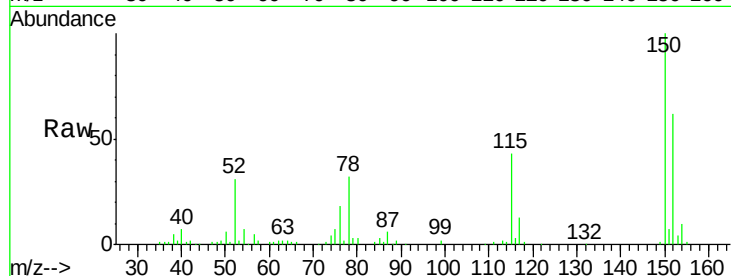
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.5	189.7
115	69.7	52.3	78.5

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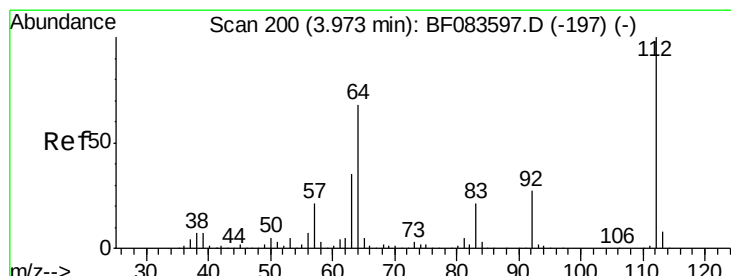
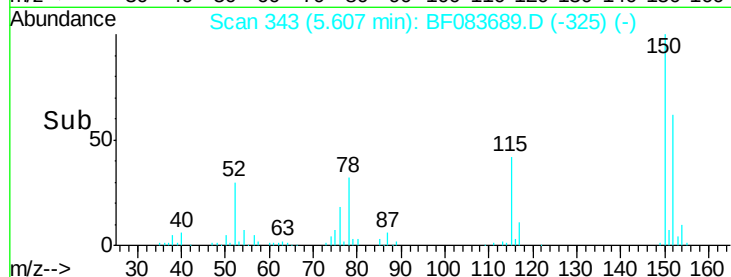
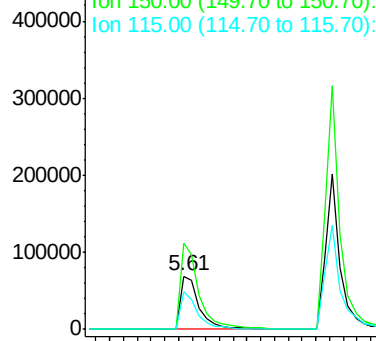


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

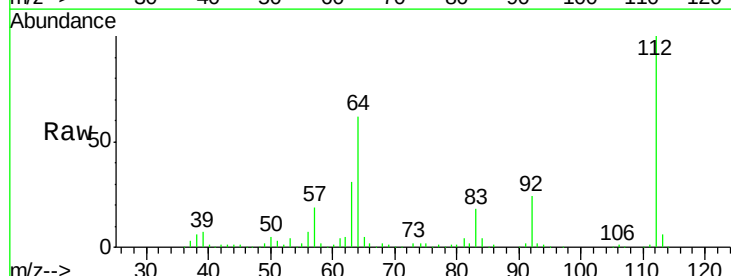
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.01 ng
RT: 3.90 min Scan# 194
Delta R.T. -0.07 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.5	75.7
63	31.0	25.8	38.6

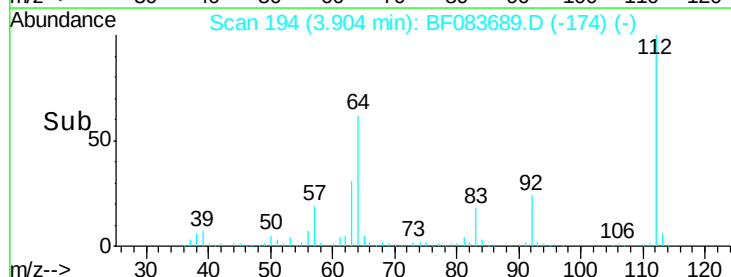
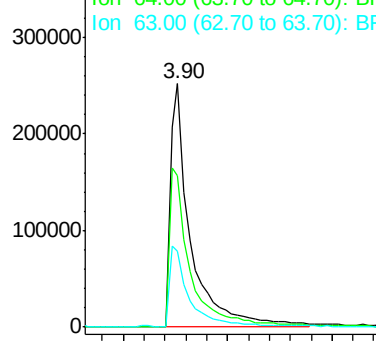


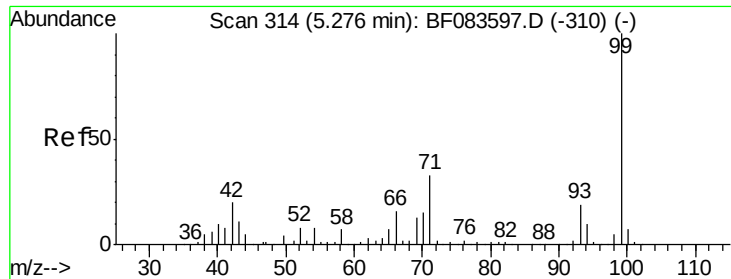
Abundance

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: 78.13 ng

RT: 5.18 min Scan# 306

Delta R.T. -0.09 min

Lab File: BF083689.D

Acq: 10 Dec 2015 21:31

Instrument :

BNA_F

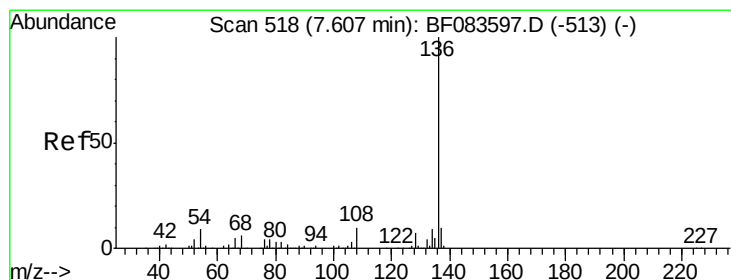
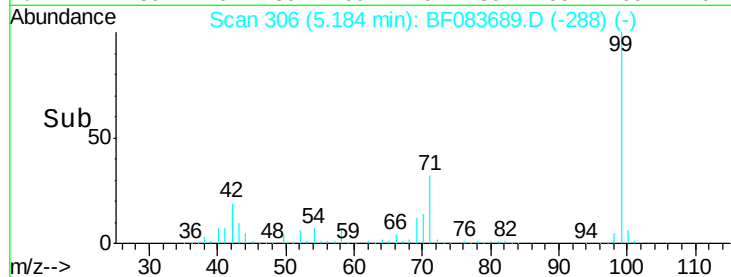
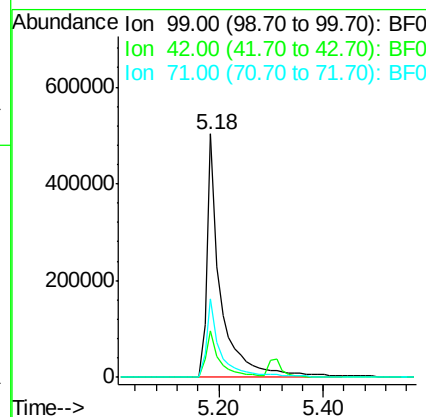
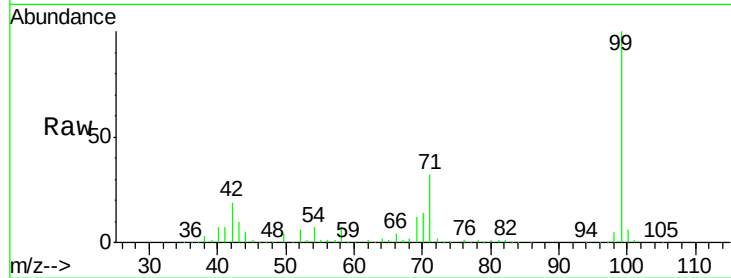
ClientSampleId :

SB-P3WC-09(8-14)DL

Tot Ion:	99	Resp:	924702
Ion Ratio	Lower	Upper	
99	100		
42	18.9	17.3	25.9
71	32.1	26.6	40.0

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#21

Naphthalene-d8

Concen: 20.00 ng

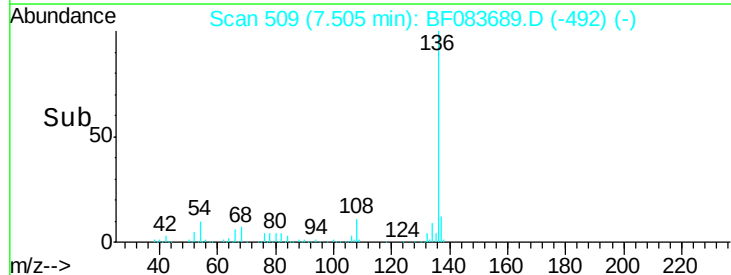
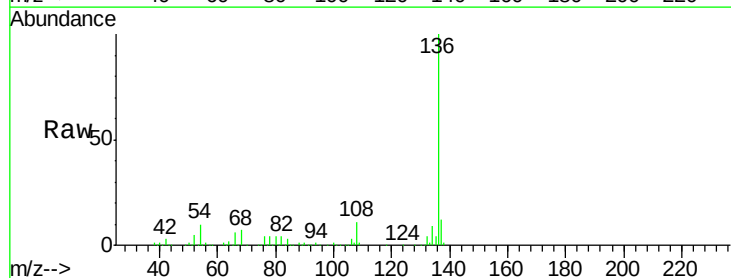
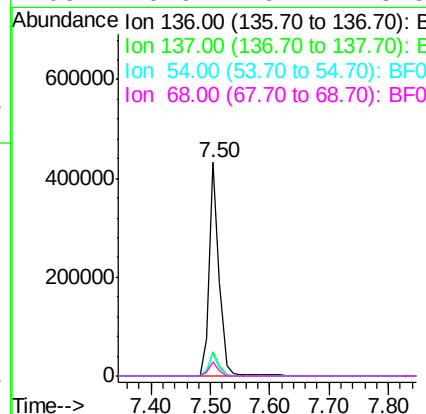
RT: 7.50 min Scan# 509

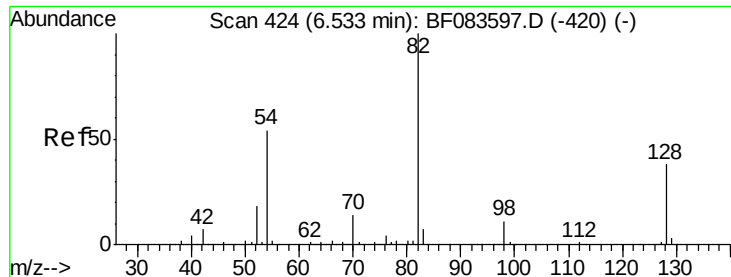
Delta R.T. -0.10 min

Lab File: BF083689.D

Acq: 10 Dec 2015 21:31

Tgt Ion:	136	Resp:	511762
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	10.3	7.8	11.6
68	6.9	5.7	8.5





#23

Nitrobenzene-d5

Concen: 52.87 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.09 min

Lab File: BF083689.D

Acq: 10 Dec 2015 21:31

Instrument :

BNA_F

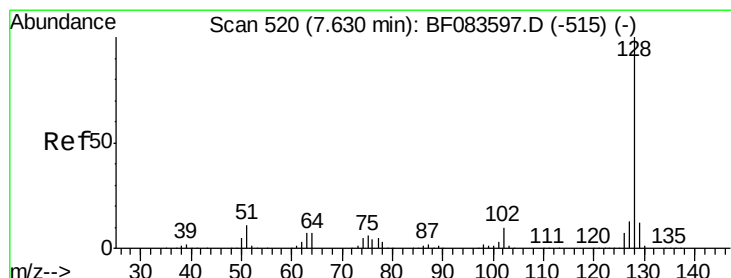
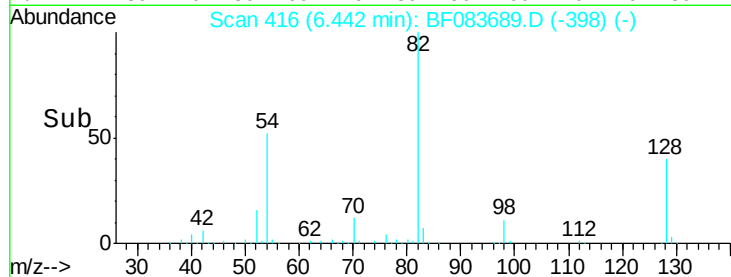
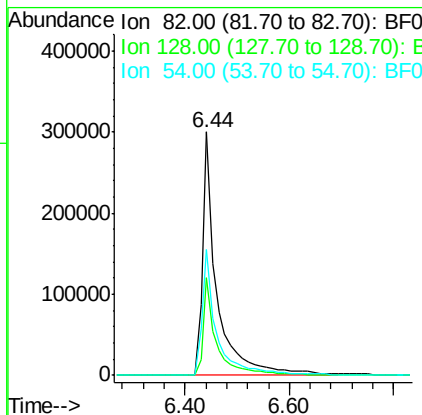
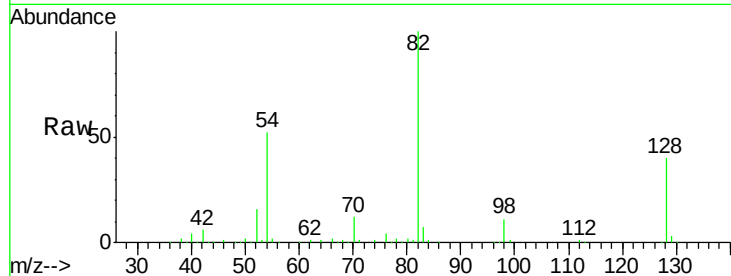
ClientSampleId :

SB-P3WC-09(8-14)DL

Tot Ion:	82	Resp:	579861
Ion Ratio		Lower	Upper
82	100		
128	39.9	30.7	46.1
54	51.6	42.5	63.7

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#31

Naphthalene

Concen: 52.15 ng

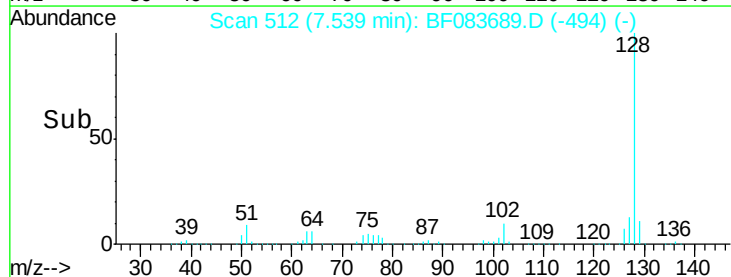
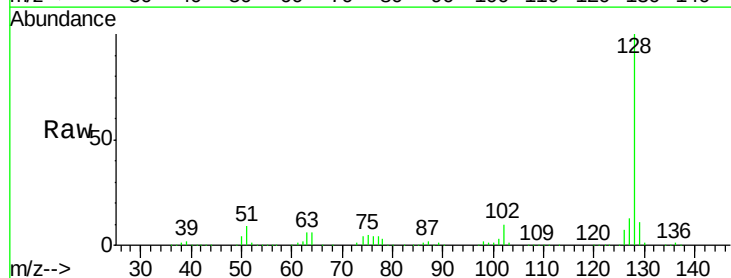
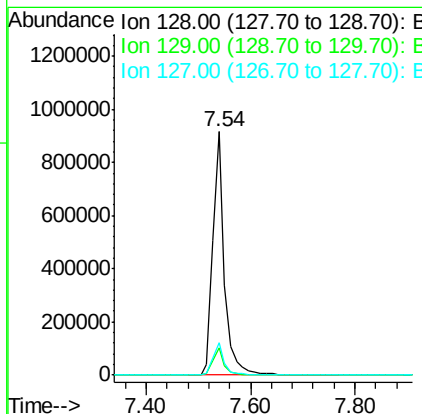
RT: 7.54 min Scan# 512

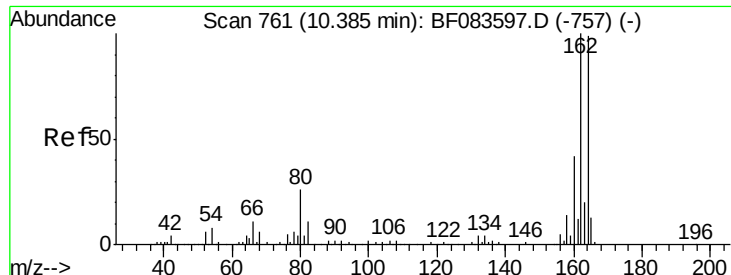
Delta R.T. -0.09 min

Lab File: BF083689.D

Acq: 10 Dec 2015 21:31

Tgt Ion:	128	Resp:	1413415
Ion Ratio		Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.5	10.6	16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.10 min

Lab File: BF083689.D

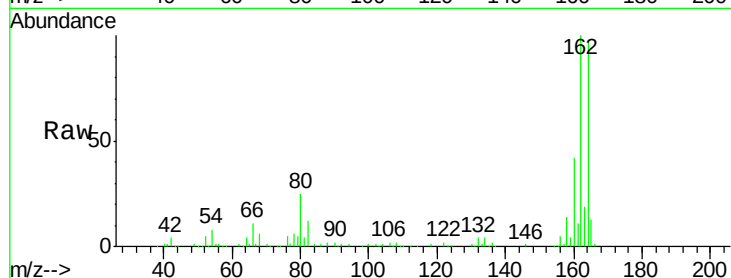
Acq: 10 Dec 2015 21:31

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(8-14)DL



Tot Ion:164 Resp: 252955

Ion Ratio Lower Upper

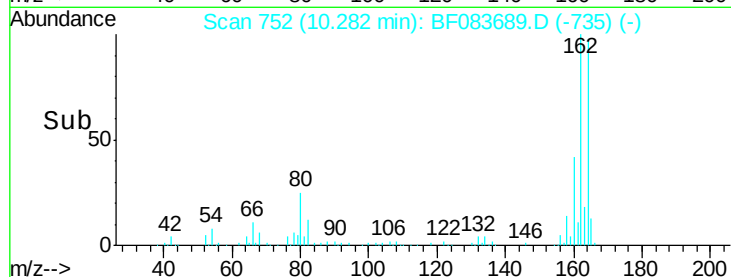
164 100

162 102.9 78.8 118.2

160 43.1 33.4 50.2

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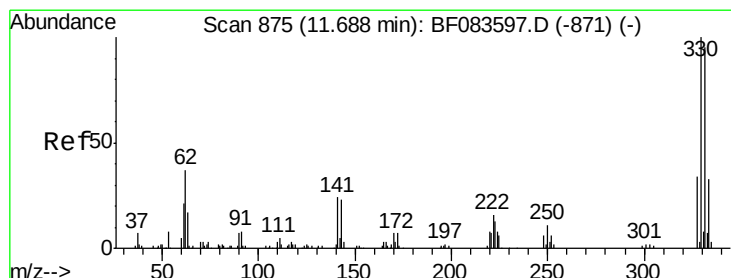
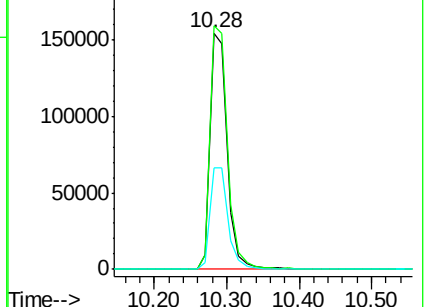
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 76.51 ng

RT: 11.58 min Scan# 866

Delta R.T. -0.10 min

Lab File: BF083689.D

Acq: 10 Dec 2015 21:31

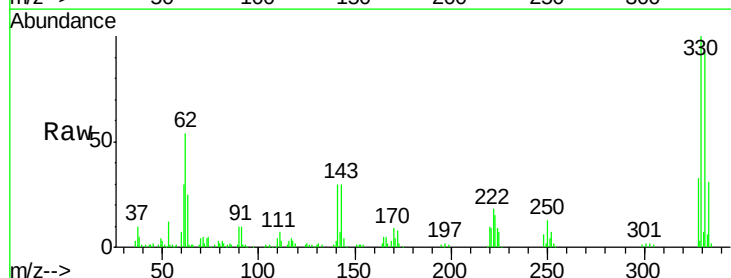
Tgt Ion:330 Resp: 172431

Ion Ratio Lower Upper

330 100

332 94.1 0.0 0.0#

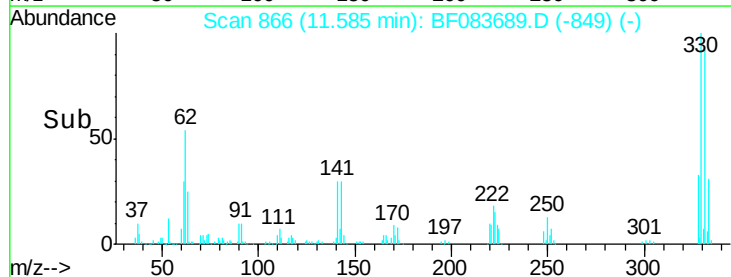
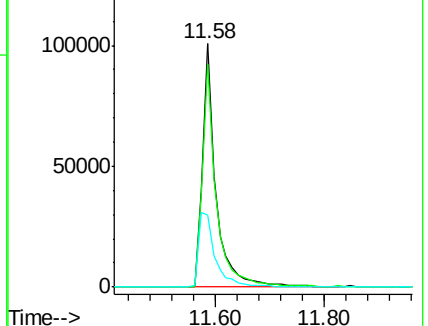
141 37.7 0.0 0.0#

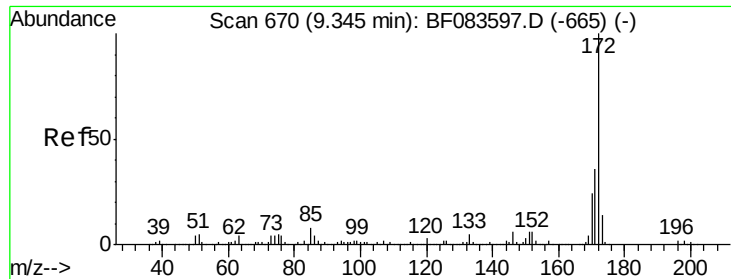


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





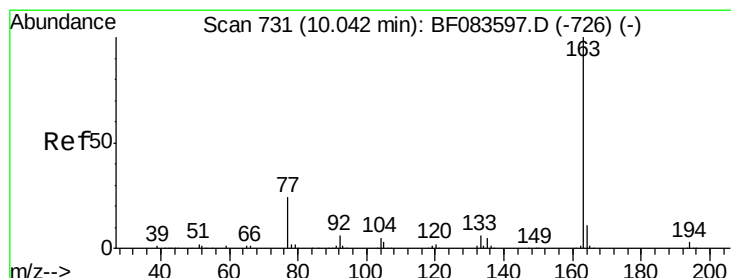
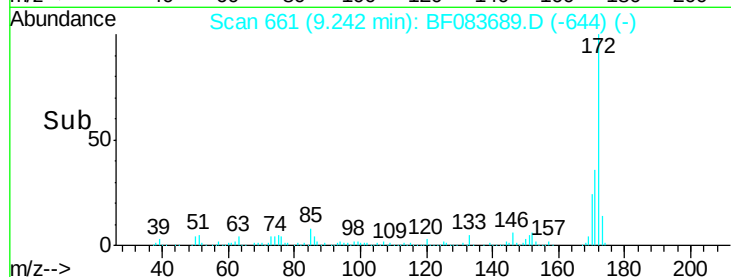
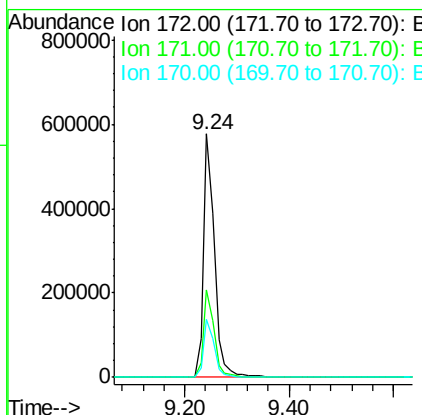
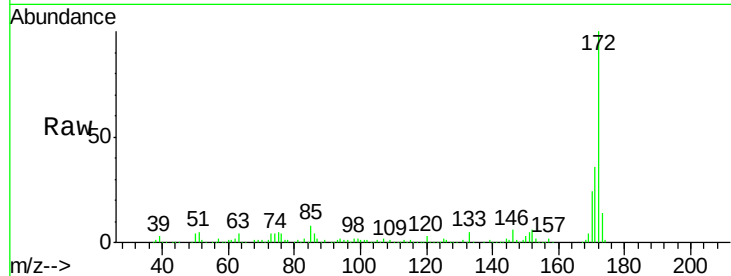
#44
2-Fluorobiphenyl
Concen: 47.03 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.10 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	845261		
171	35.9		28.6	42.8
170	23.9		19.4	29.0

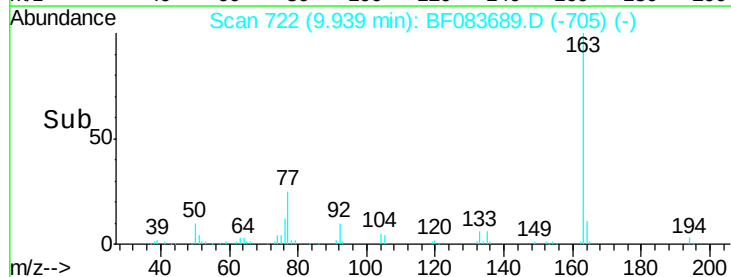
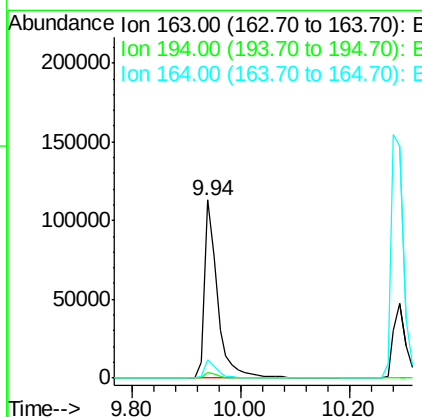
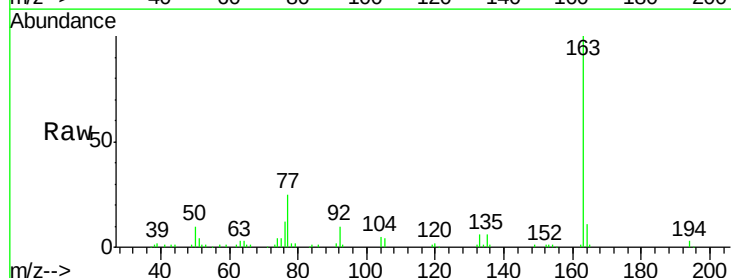
Manual Integrations
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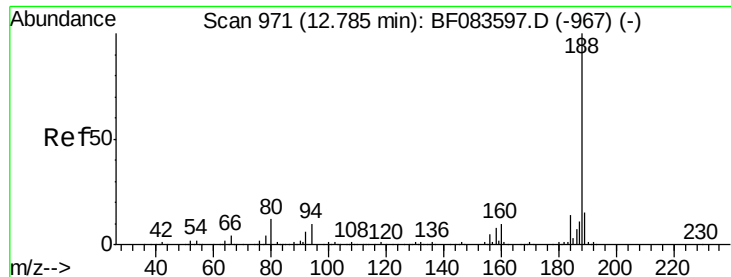
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#49
Dimethylphthalate
Concen: 9.30 ng
RT: 9.94 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	187237		
194	3.1		2.8	4.2
164	10.5		8.6	13.0





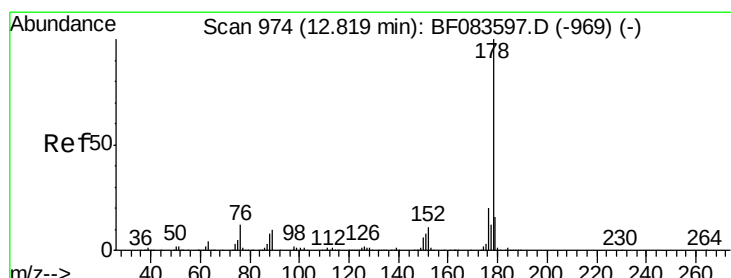
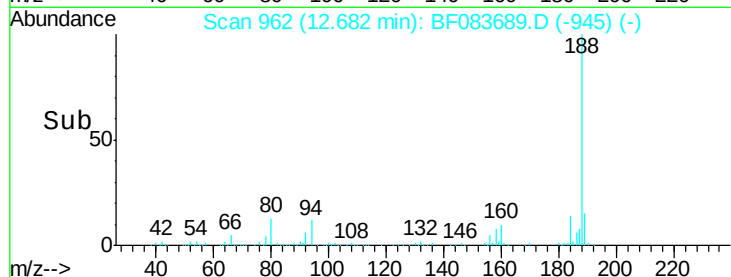
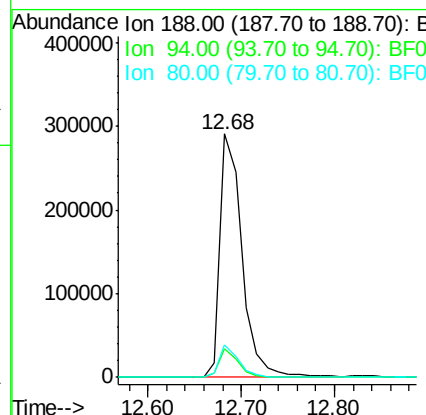
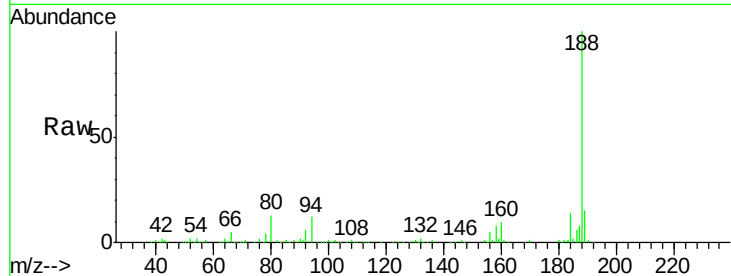
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 962
Delta R.T. -0.10 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	476410		
94	11.7		9.4	14.2
80	13.5		10.6	16.0

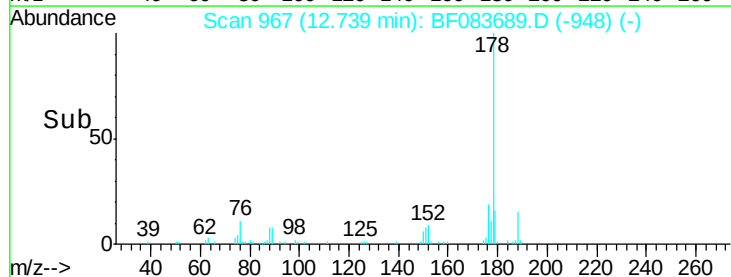
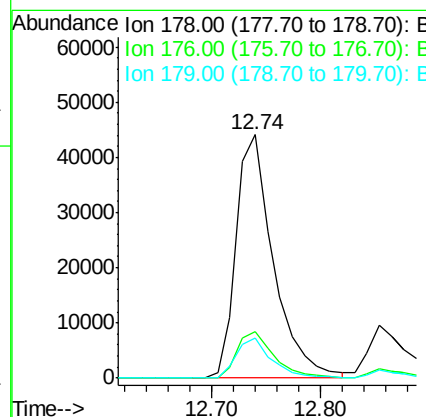
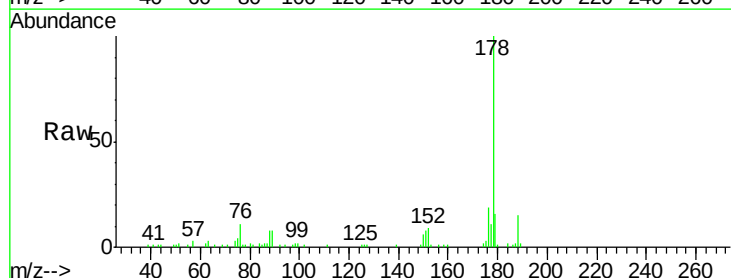
Manual Integrations
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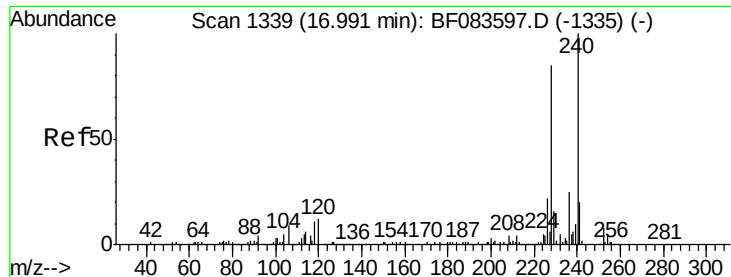
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#70
Phenanthrene
Concen: 3.82 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.08 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	104690		
176	18.9		15.7	23.5
179	16.2		12.2	18.4





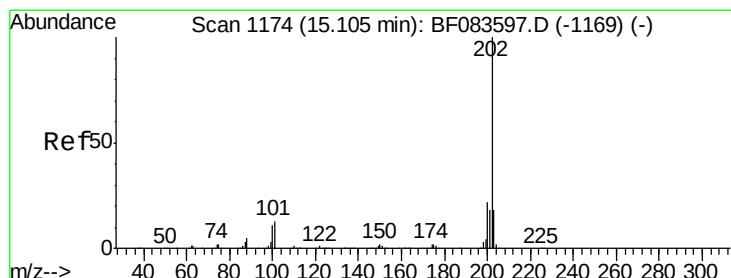
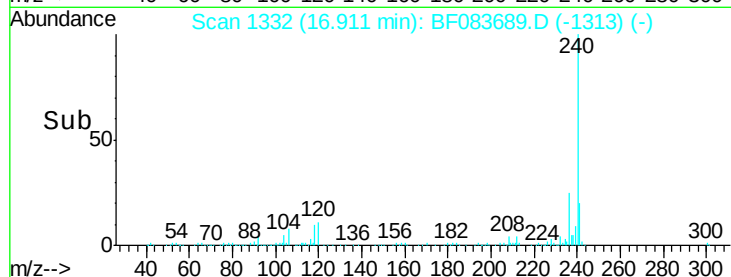
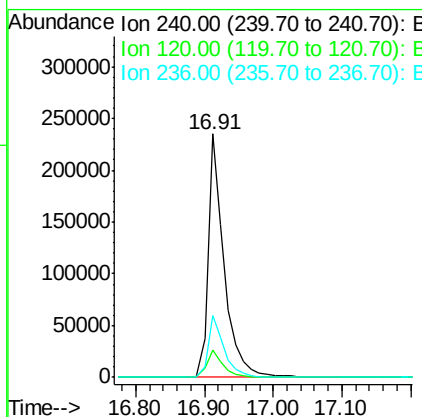
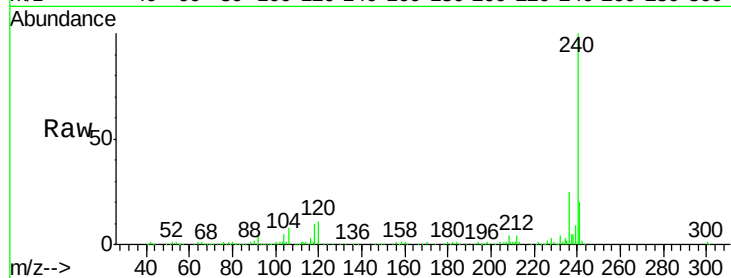
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	25.4	20.8	31.2

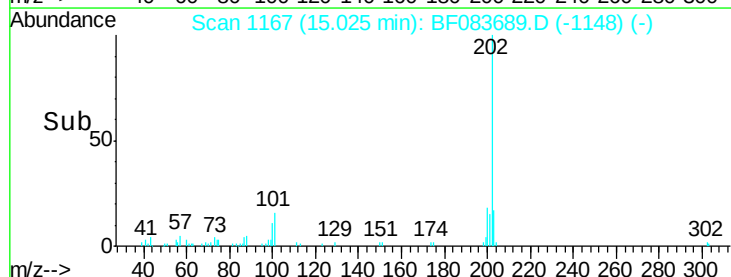
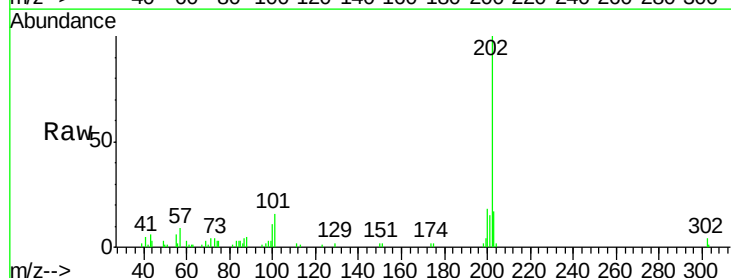
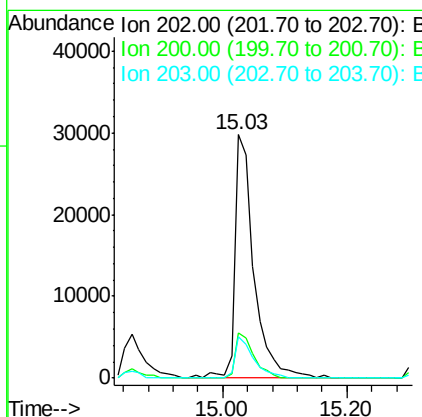
Manual Integrations
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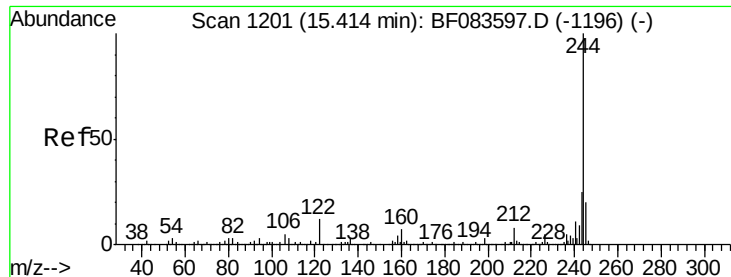
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#77
Pyrene
Concen: 2.32 ng
RT: 15.03 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF083689.D
Acq: 10 Dec 2015 21:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.7	25.1
203	17.0	14.3	21.5





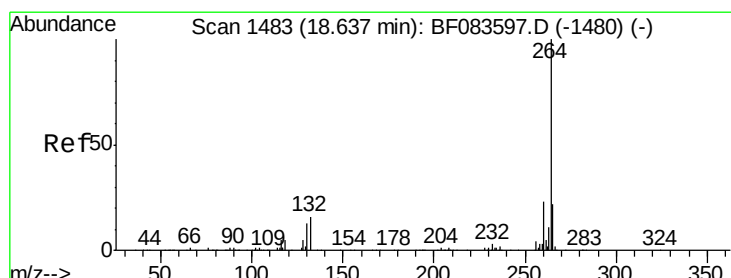
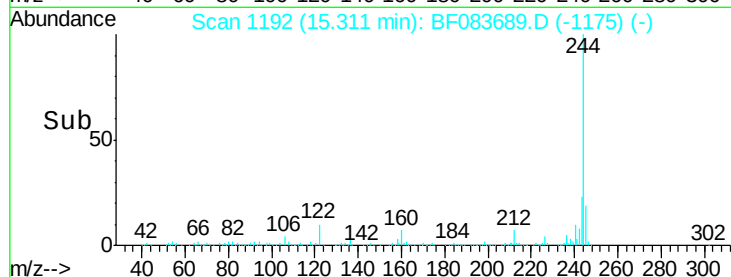
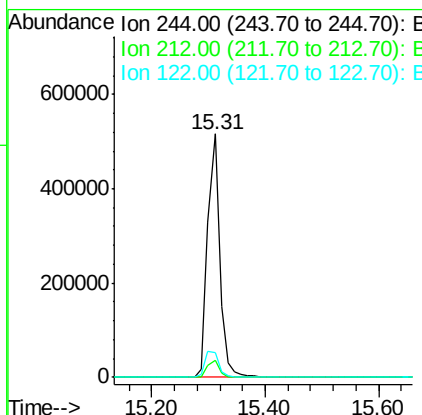
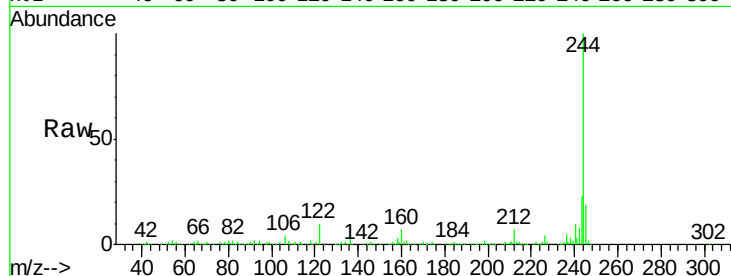
#78
 Terphenyl-d14
 Concen: 45.67 ng
 RT: 15.31 min Scan# 1192
 Delta R.T. -0.10 min
 Lab File: BF083689.D
 Acq: 10 Dec 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(8-14)DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.4	11.0	16.6

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:39 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.07 min
 Lab File: BF083689.D
 Acq: 10 Dec 2015 21:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.7	17.8	26.6

