

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089264.D
 Acq On : 24 Jul 2016 7:05
 Operator : UM/SJ
 Sample : H4151-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Manual Integrations

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 7/25/2016 6:43:27 PM

Quant Time: Jul 25 05:19:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48937	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	215276	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	90542	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	145533	20.00	ng	0.00
75) Chrysene-d12	13.70	240	98686	20.00	ng	-0.01
86) Perylene-d12	15.05	264	93530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	368173	114.42	ng	0.01
7) Phenol-d6	6.24	99	507685	122.35	ng	0.00
23) Nitrobenzene-d5	7.15	82	306007	75.53	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	77986	95.67	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	517656	78.77	ng	0.00
78) Terphenyl-d14	12.66	244	289843	63.70	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.34	163	75579	10.88	ng	Qvalue 96
74) Fluoranthene	12.29	202	30559	3.64	ng	96
77) Pyrene	12.51	202	27901	3.42	ng	97
80) Benzo(a)anthracene	13.69	228	17886	2.85	ng	# 90
82) Chrysene	13.73	228	13517m	2.25	ng	
85) Indeno(1,2,3-cd)pyrene	16.26	276	9665	2.22	ng	95
87) Benzo(b)fluoranthene	14.70	252	19324m	2.85	ng	
88) Benzo(k)fluoranthene	14.70	252	12626m	2.61	ng	
89) Benzo(a)pyrene	14.99	252	16708	3.18	ng	96
91) Benzo(g,h,i)perylene	16.63	276	8489	2.03	ng	96

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

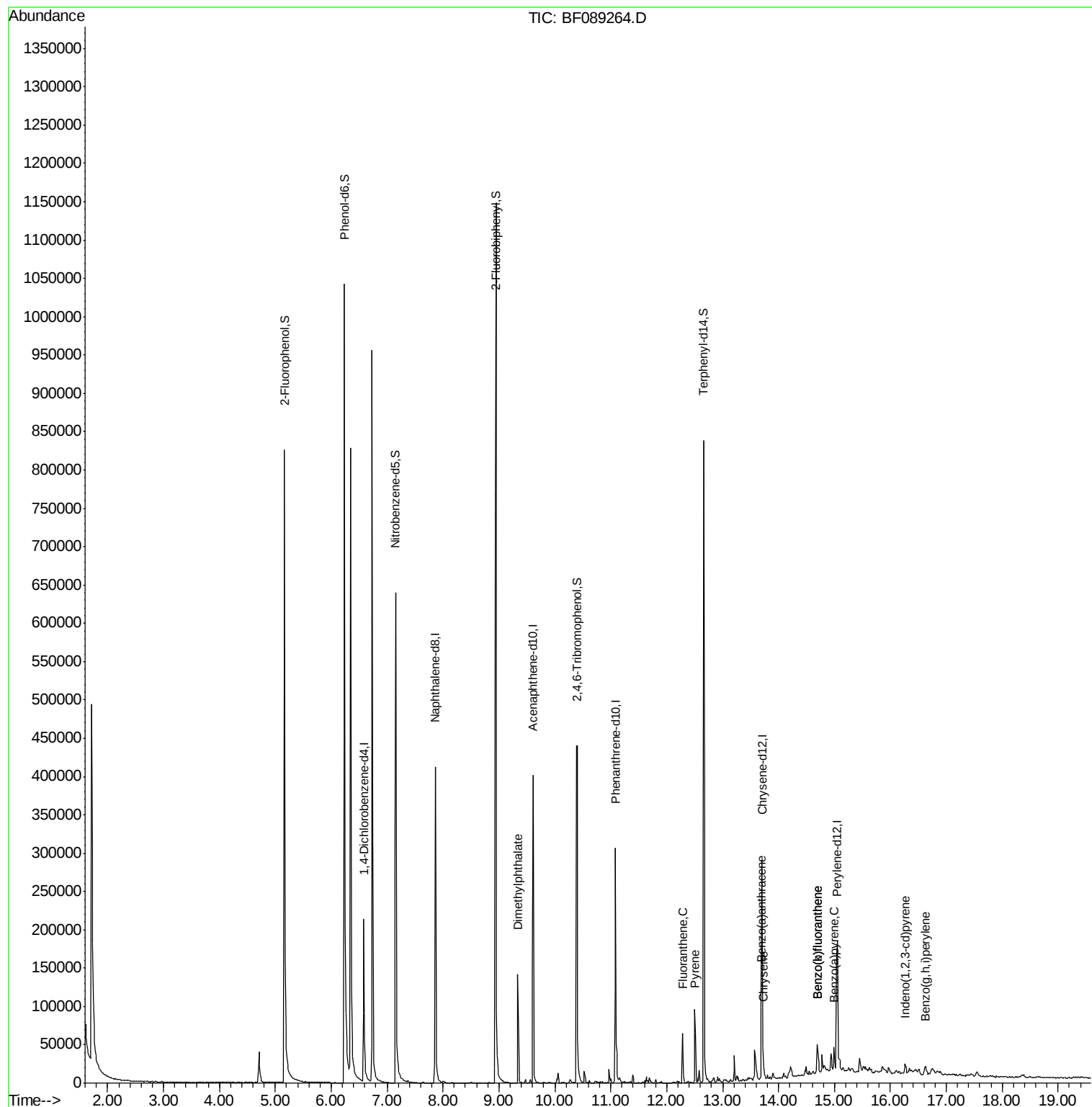
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089264.D
Acq On : 24 Jul 2016 7:05
Operator : UM/SJ
Sample : H4151-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

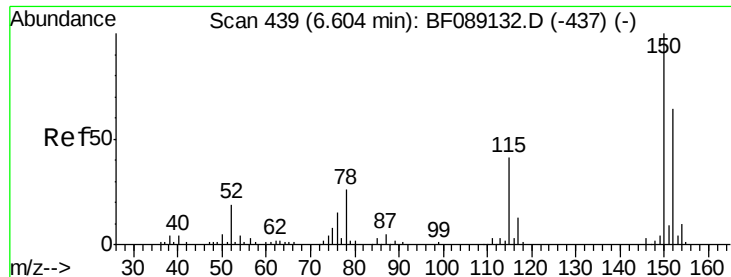
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

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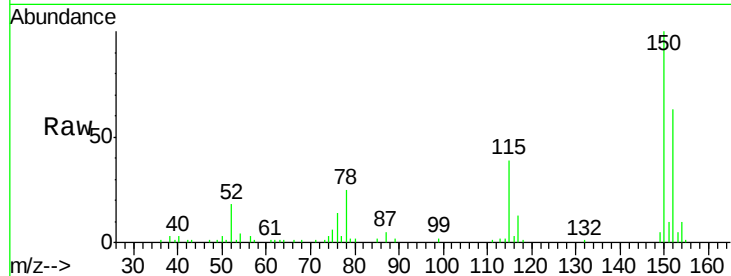




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

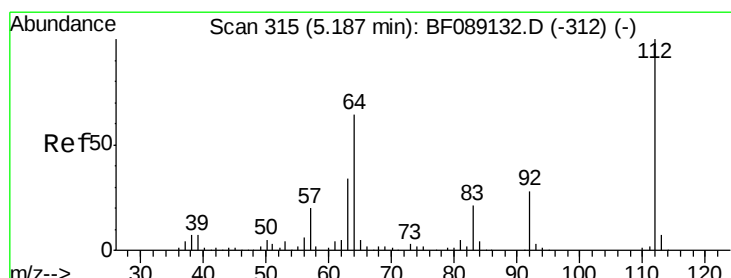
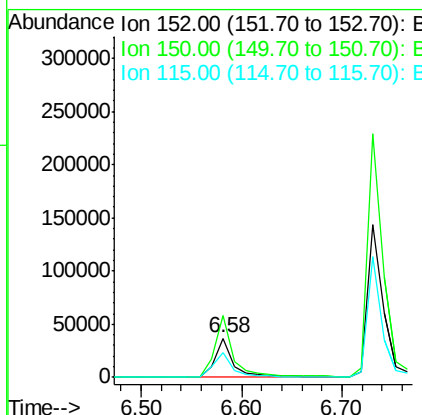
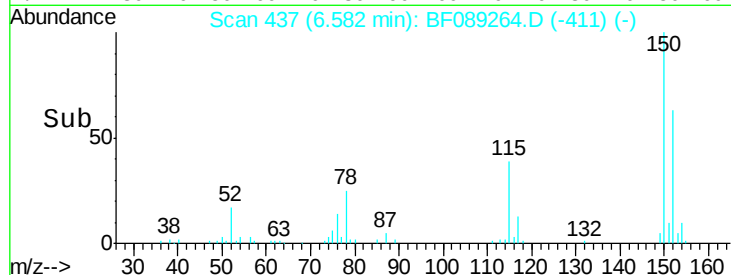
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.1	187.7
115	61.8	51.1	76.7

Manual Integrations

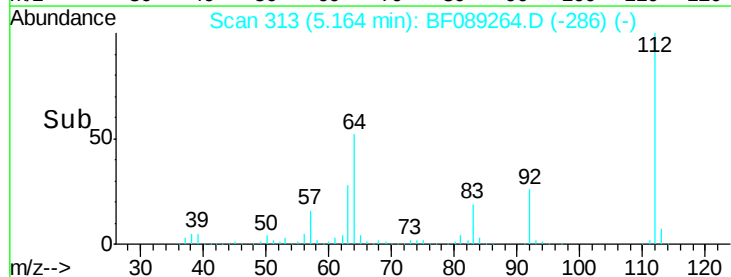
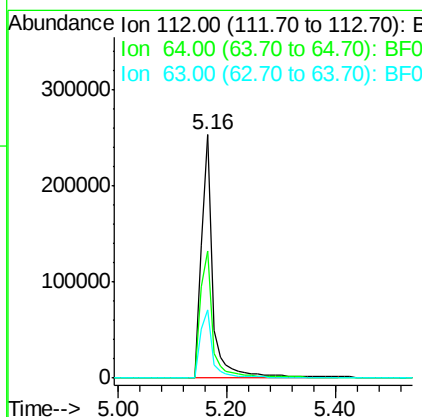
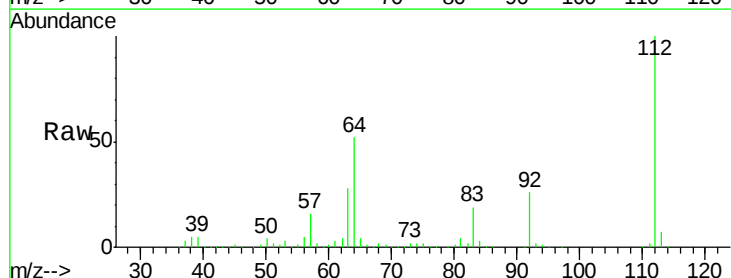
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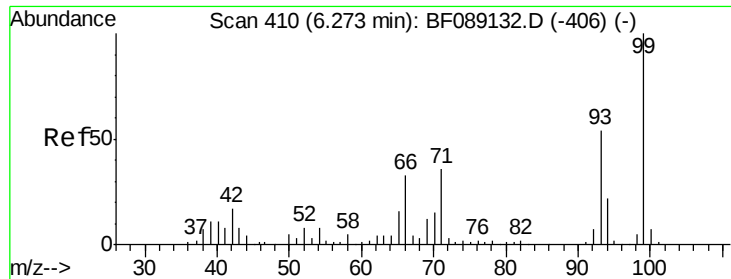


#5

2-Fluorophenol
 Concen: 114.42 ng
 RT: 5.16 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	51.0	76.4
63	27.9	27.3	40.9





#7

Phenol-d6

Concen: 122.35 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089264.D

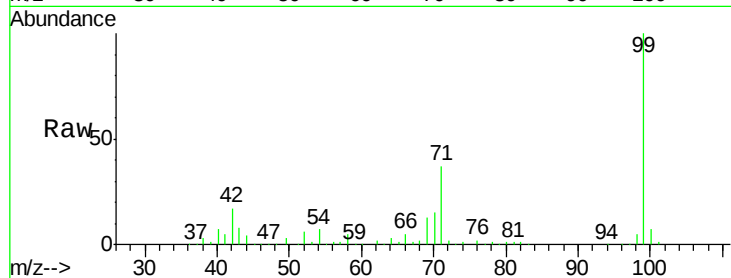
Acq: 24 Jul 2016 7:05

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP



Tgt Ion: 99 Resp: 507685

Ion Ratio Lower Upper

99 100

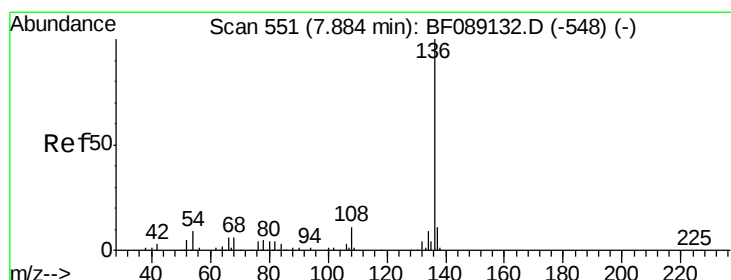
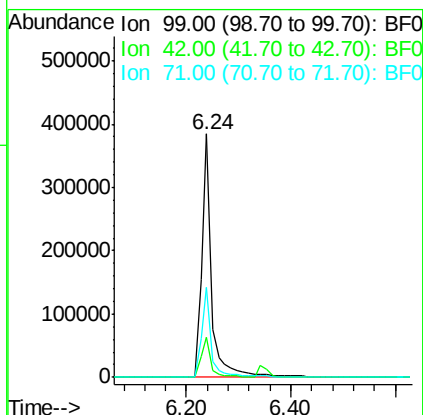
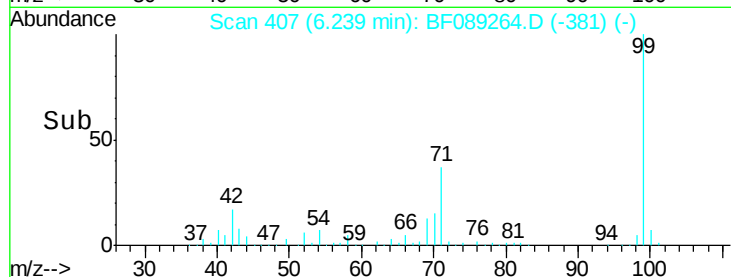
42 16.7 13.5 20.3

71 36.8 28.9 43.3

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089264.D

Acq: 24 Jul 2016 7:05

Tgt Ion: 136 Resp: 215276

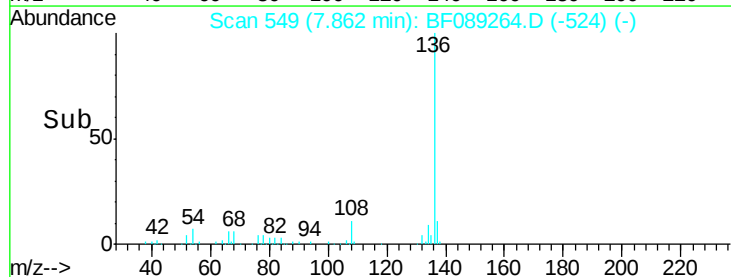
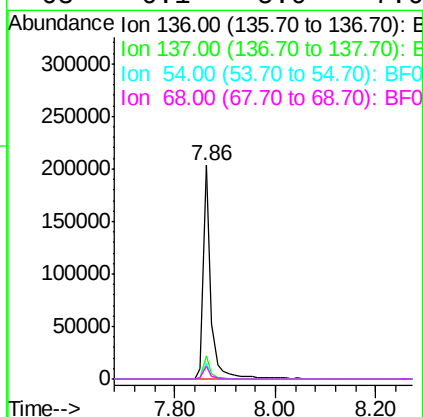
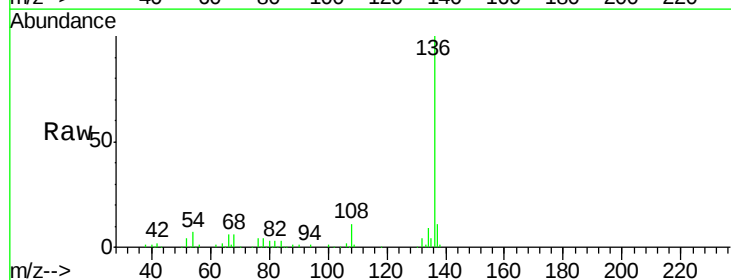
Ion Ratio Lower Upper

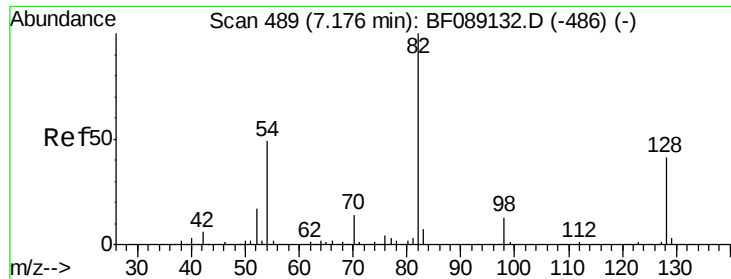
136 100

137 10.8 8.8 13.2

54 7.5 7.0 10.4

68 6.1 5.0 7.6





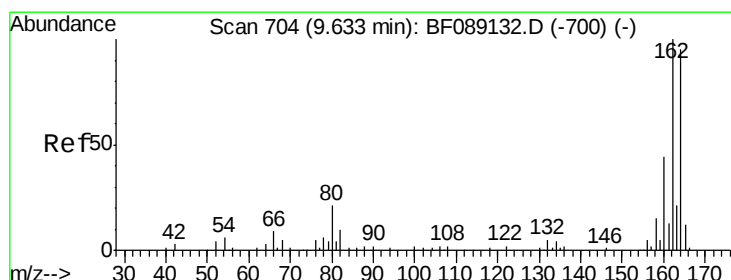
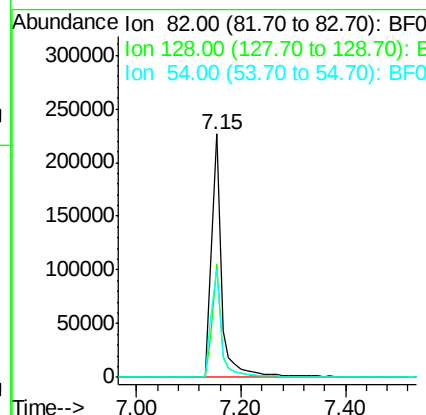
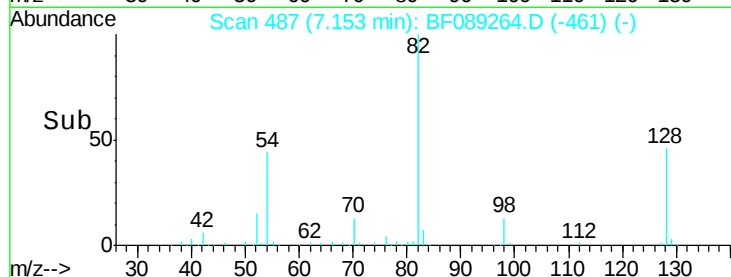
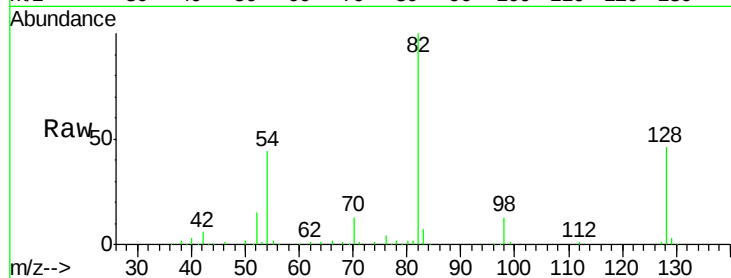
#23
 Nitrobenzene-d5
 Concen: 75.53 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	33.0	49.6
54	44.4	39.0	58.4

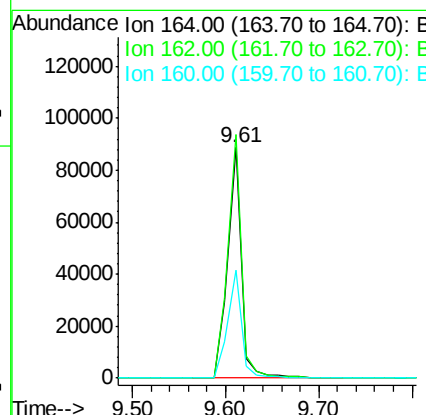
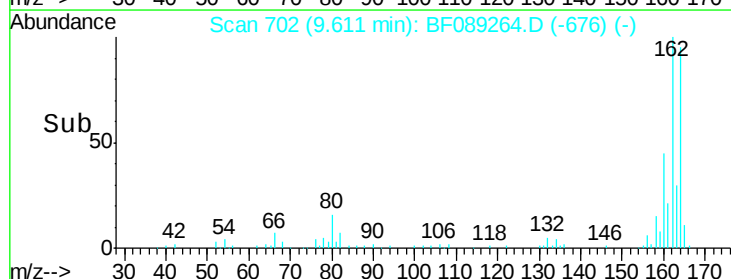
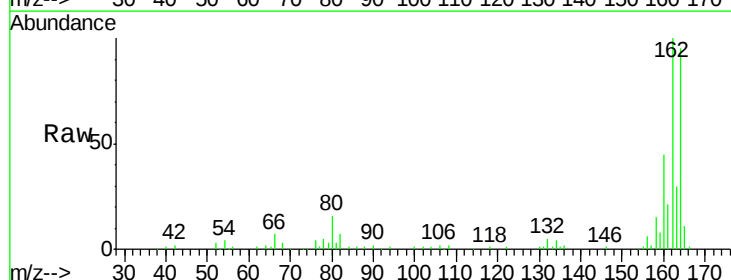
Manual Integrations

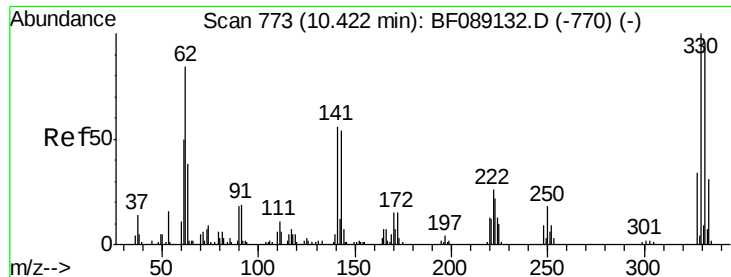
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

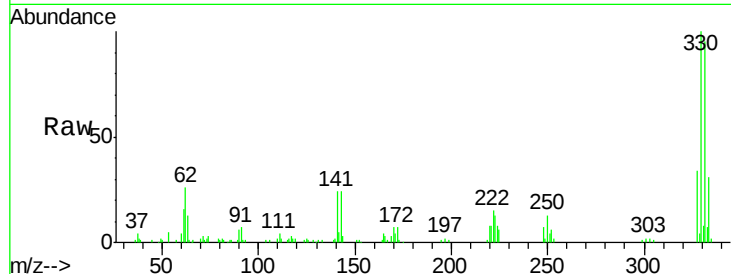
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.1	126.1
160	47.1	37.1	55.7





#41
 2,4,6-Tribromophenol
 Concen: 95.67 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

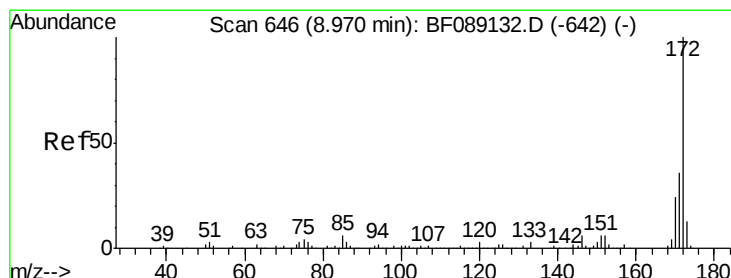
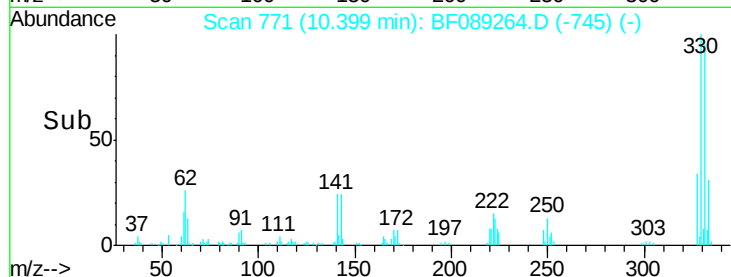
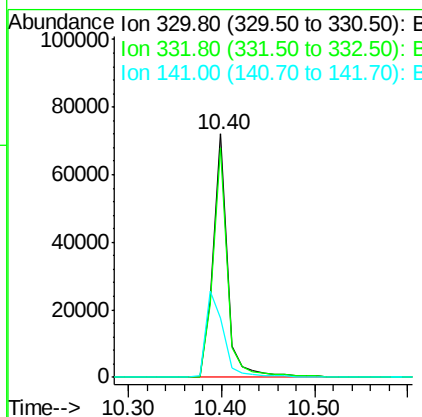
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP



Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.2	115.8
141	44.2	42.2	63.2

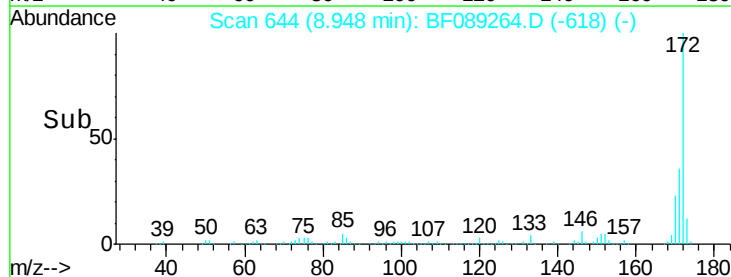
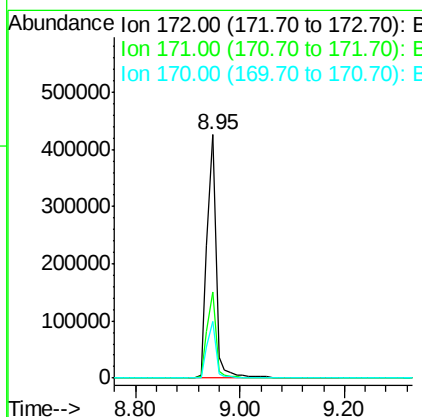
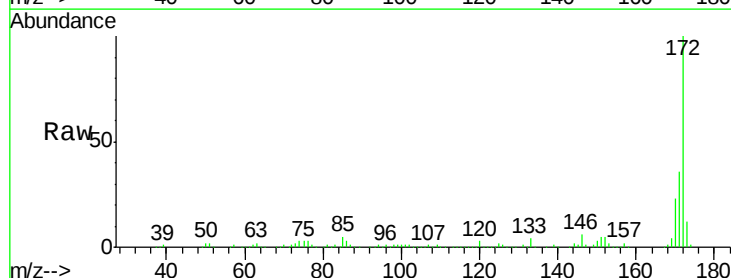
Manual Integrations

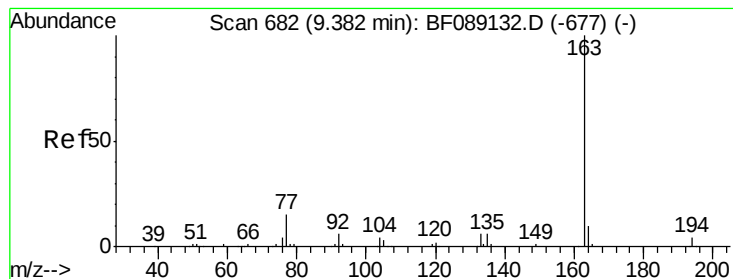
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#44
 2-Fluorobiphenyl
 Concen: 78.77 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.5	19.1	28.7





#49

Dimethylphthalate

Concen: 10.88 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF089264.D

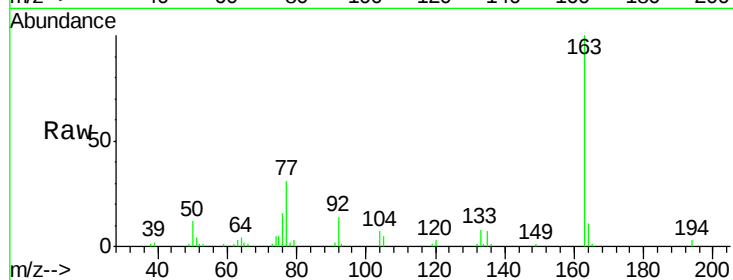
Acq: 24 Jul 2016 7:05

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP



Tgt Ion:163 Resp: 75579

Ion Ratio Lower Upper

163 100

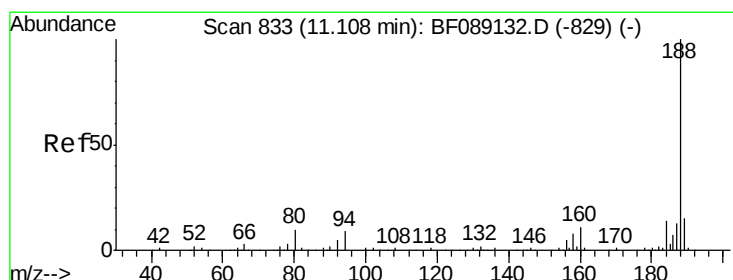
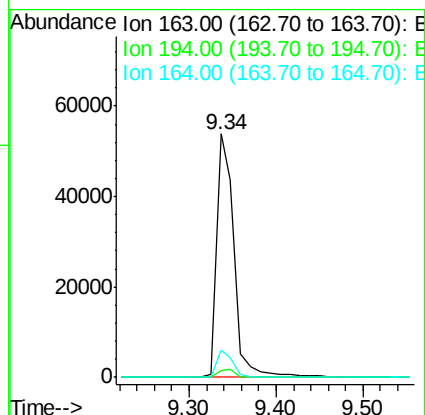
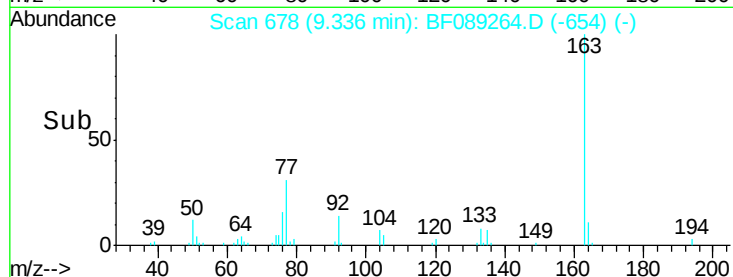
194 3.0 2.9 4.3

164 11.3 7.6 11.4

Manual Integrations

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF089264.D

Acq: 24 Jul 2016 7:05

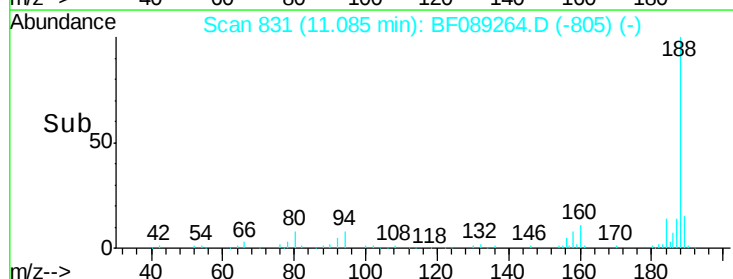
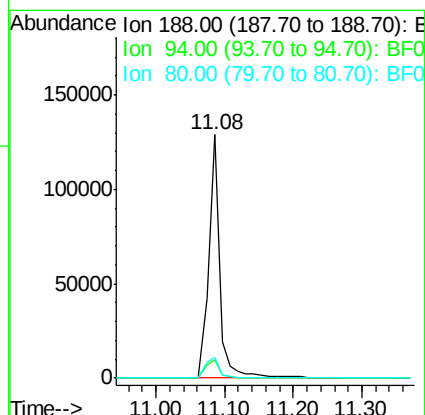
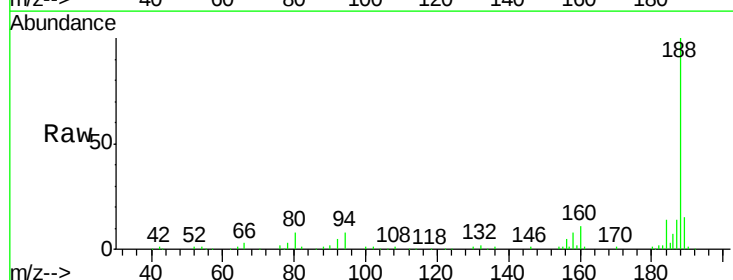
Tgt Ion:188 Resp: 145533

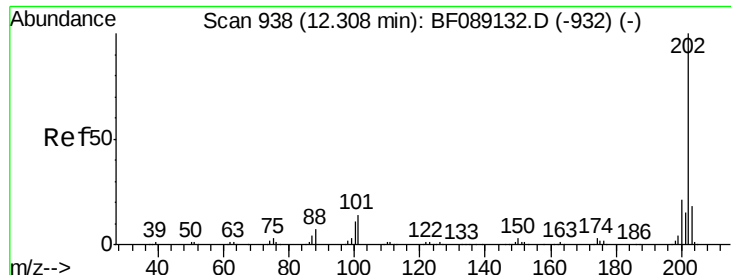
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 8.4 7.7 11.5





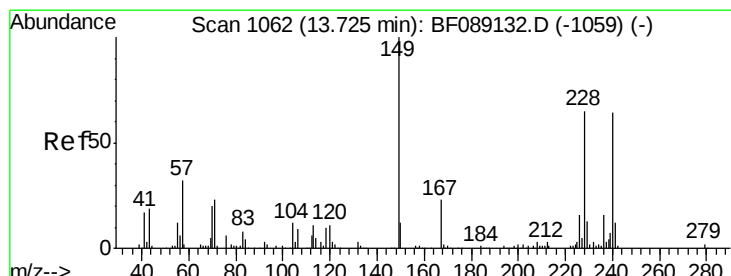
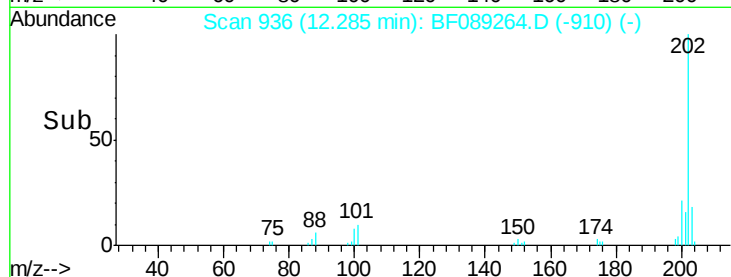
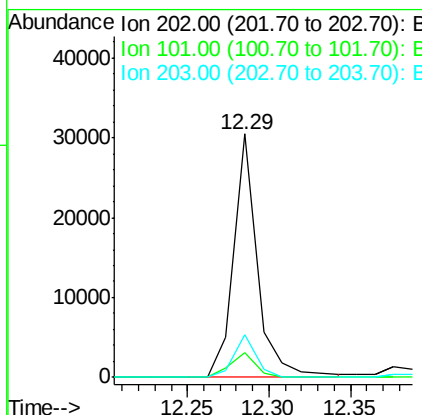
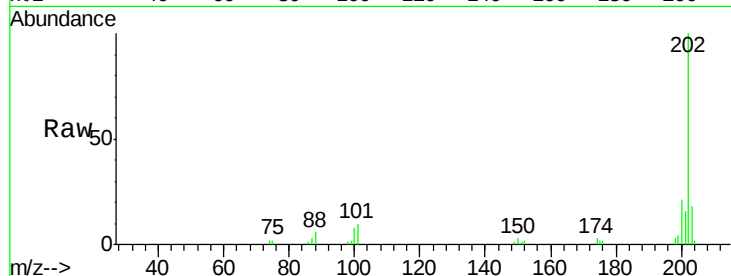
#74
Fluoranthene
 Concen: 3.64 ng
 RT: 12.29 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	30559		
101	10.2		0.0	34.0
203	17.6		0.0	37.8

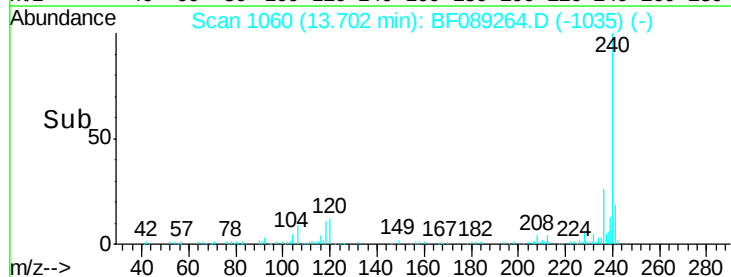
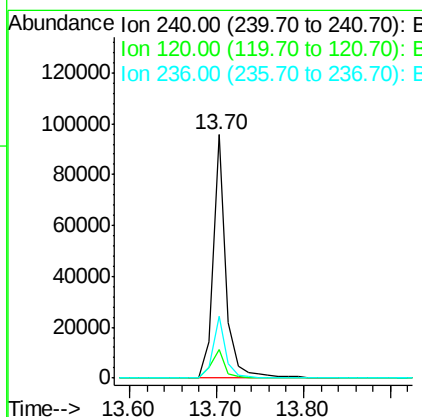
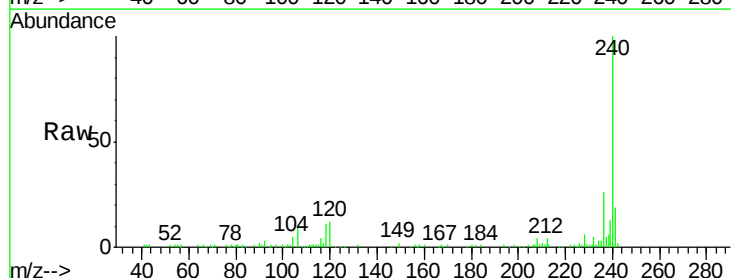
Manual Integrations

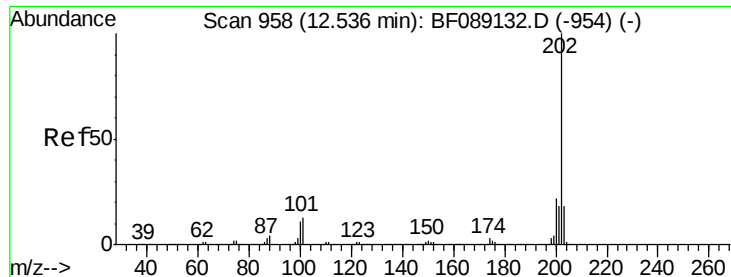
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	98686		
120	11.5		13.6	20.4#
236	25.5		20.5	30.7





#77

Pyrene

Concen: 3.42 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF089264.D

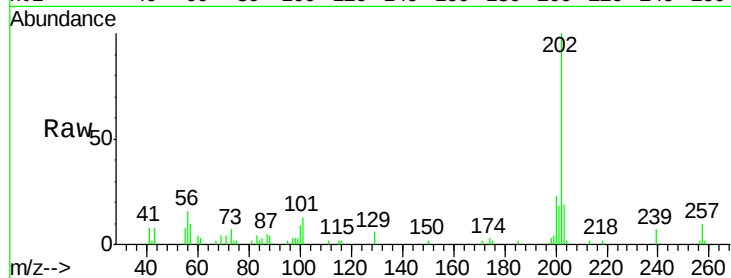
Acq: 24 Jul 2016 7:05

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

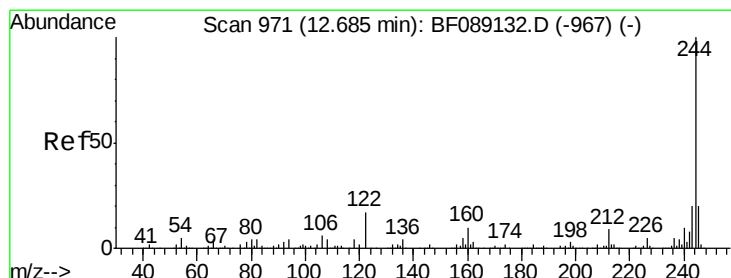
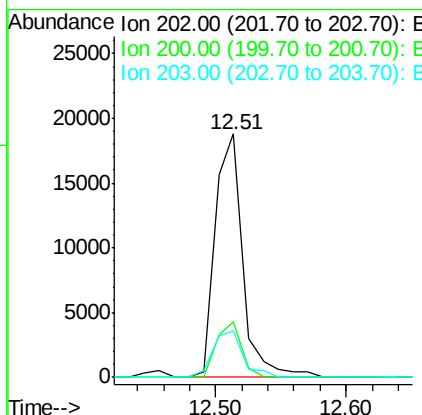
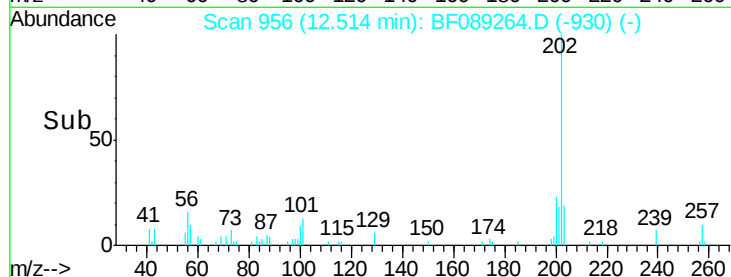


Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.0
203	18.9	14.2	21.2

Manual Integrations

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#78

Terphenyl-d14

Concen: 63.70 ng

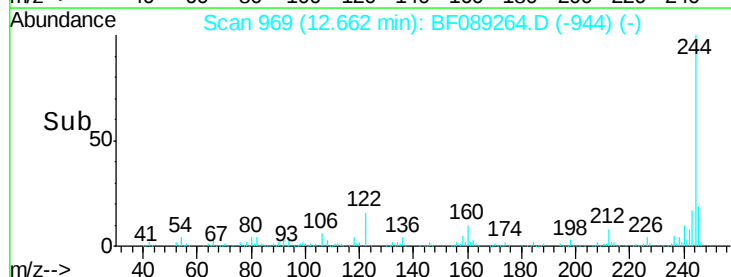
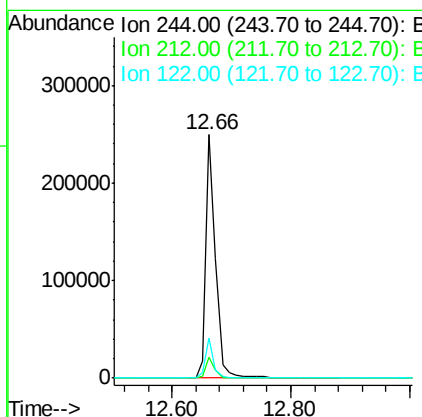
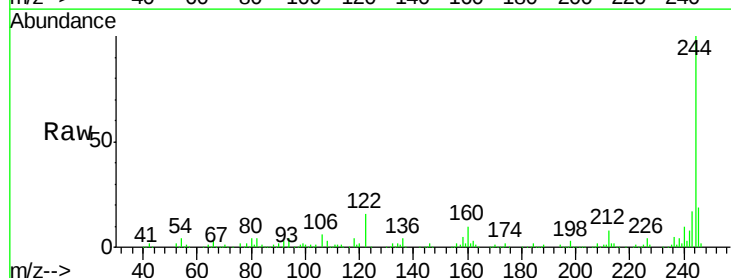
RT: 12.66 min Scan# 969

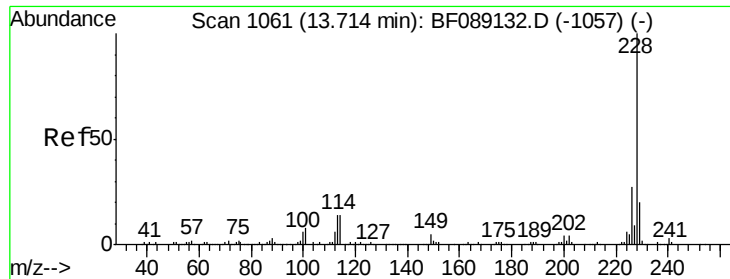
Delta R.T. -0.01 min

Lab File: BF089264.D

Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	16.3	13.8	20.8





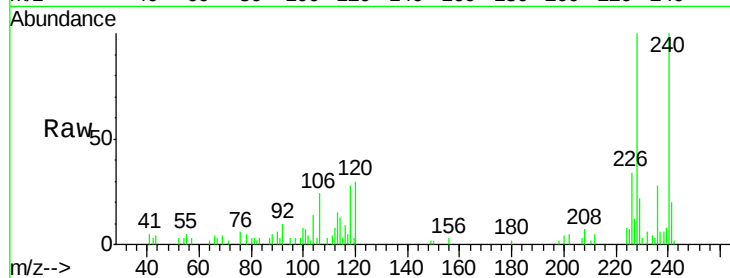
#80
Benzo(a)anthracene
Concen: 2.85 ng
RT: 13.69 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF089264.D
Acq: 24 Jul 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	21.8	32.8#
229	21.7	15.8	23.8

Manual Integrations

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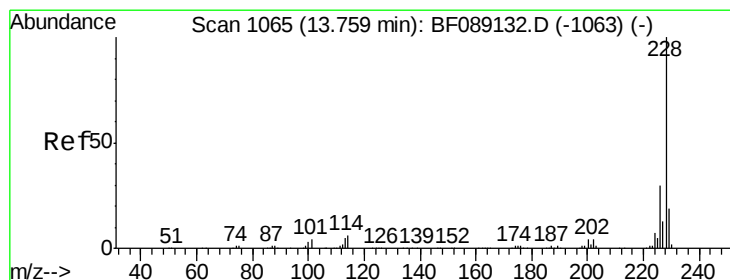
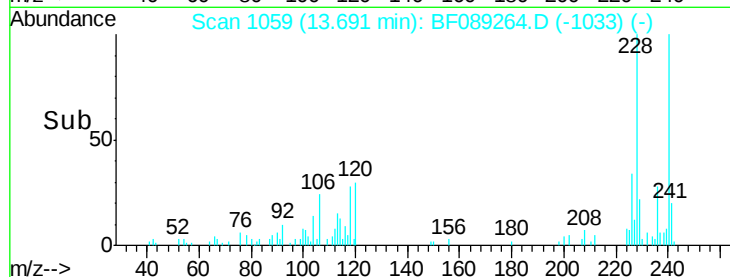
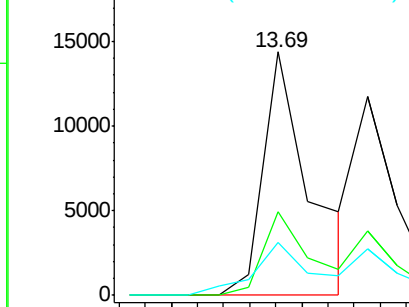


Abundance

Ion 228.00 (227.70 to 228.70): E

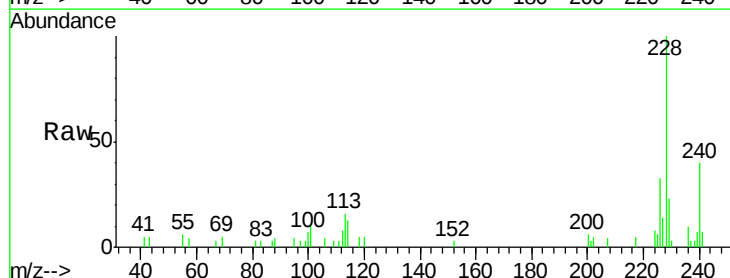
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 2.25 ng m
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF089264.D
Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.8	35.8
229	23.2	15.4	23.0#

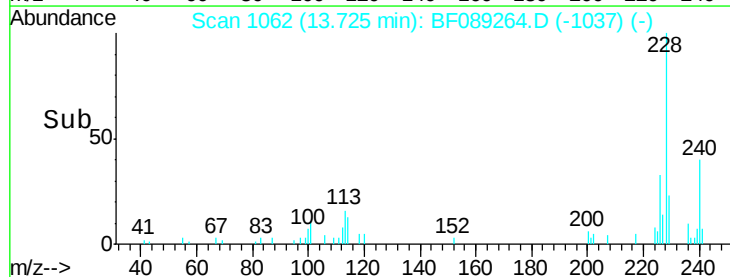
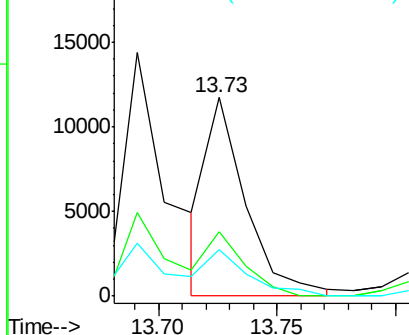


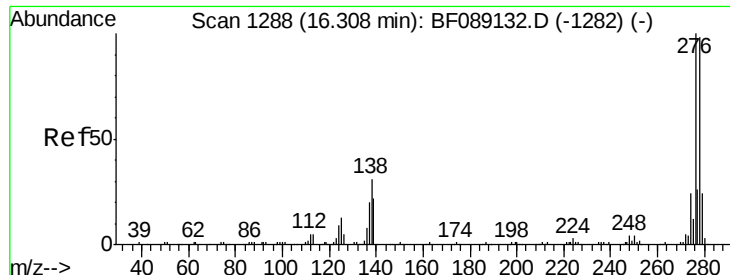
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





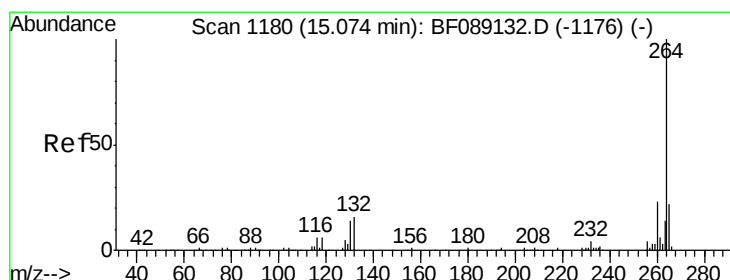
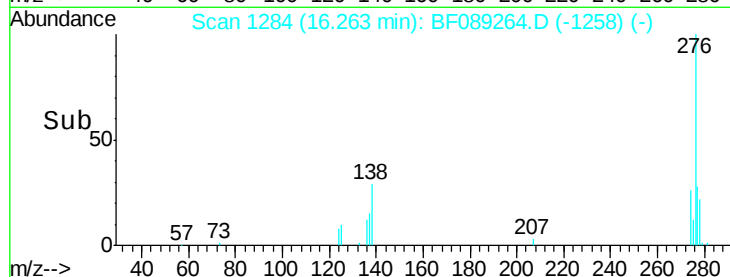
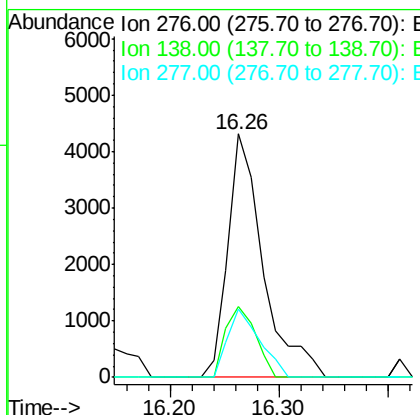
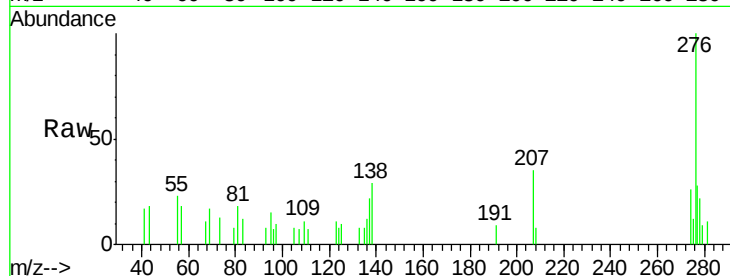
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.22 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.7	35.5
277	25.4	20.6	31.0

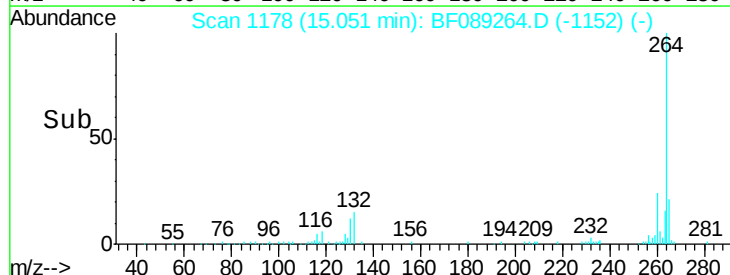
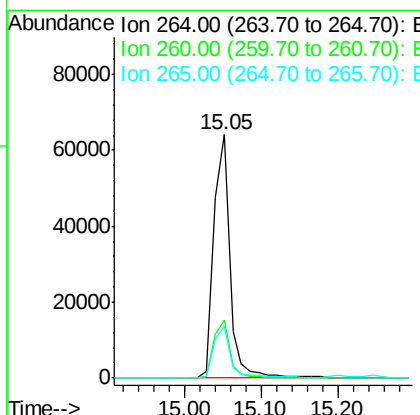
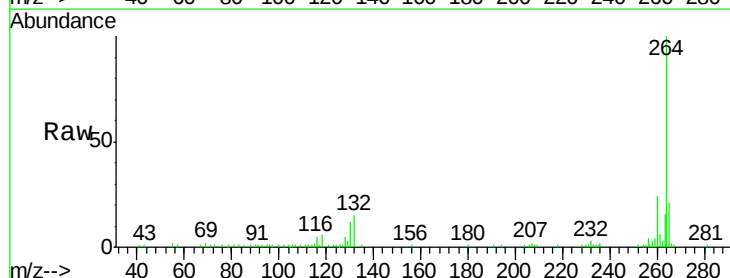
Manual Integrations

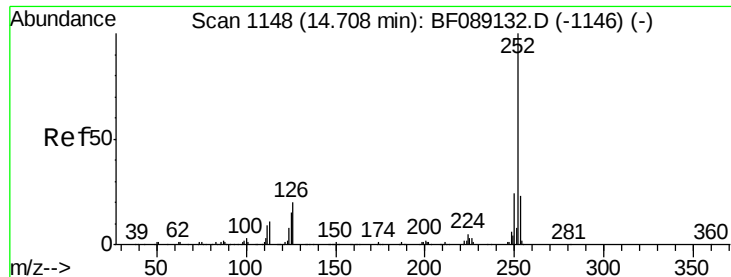
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF089264.D
 Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.1	17.3	25.9





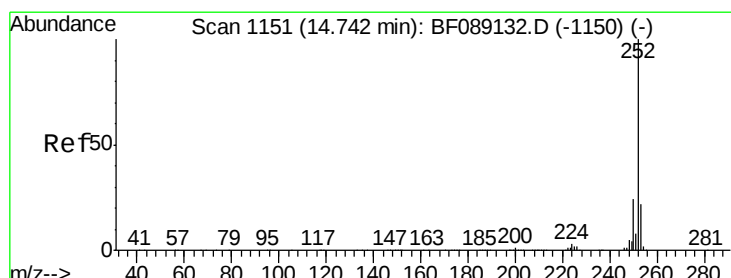
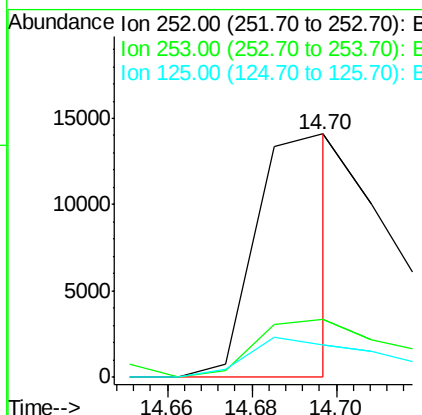
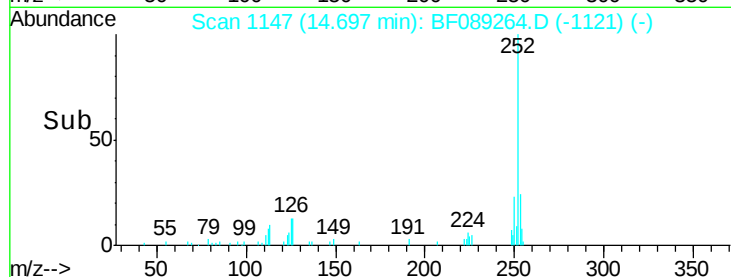
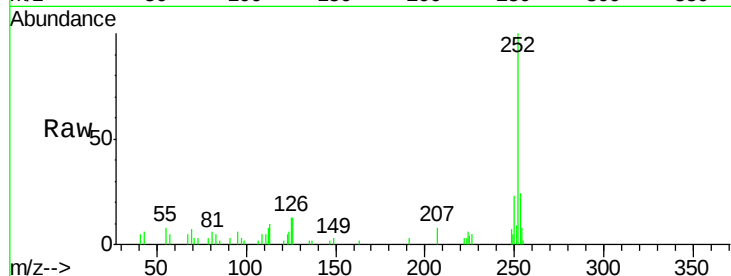
#87
Benzo(b)fluoranthene
Concen: 2.85 ng m
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089264.D
Acq: 24 Jul 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	13.1	11.9	17.9

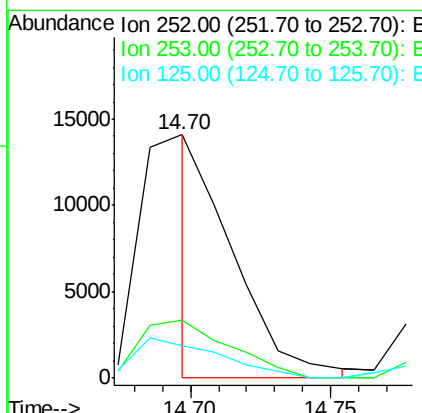
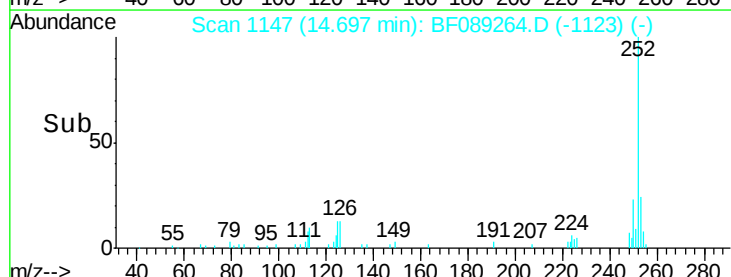
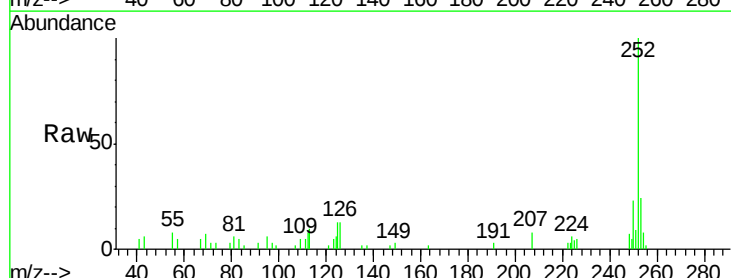
Manual Integrations

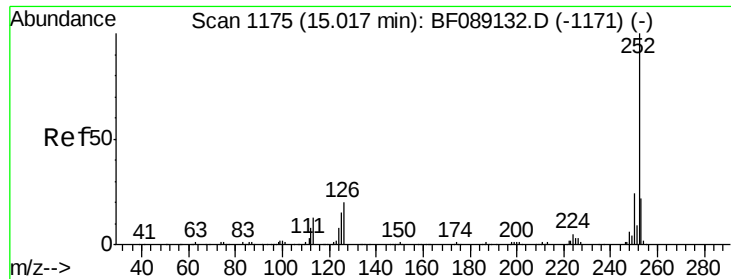
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#88
Benzo(k)fluoranthene
Concen: 2.61 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF089264.D
Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	13.1	6.3	9.5#





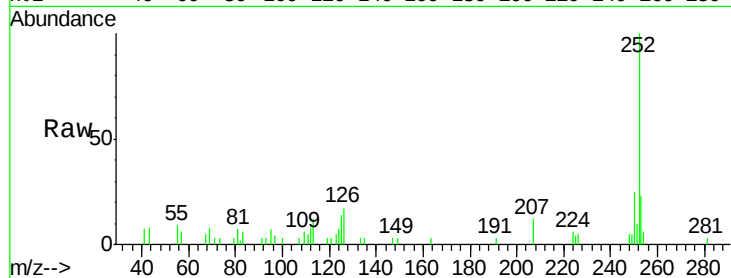
#89
Benzo(a)pyrene
Concen: 3.18 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF089264.D
Acq: 24 Jul 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

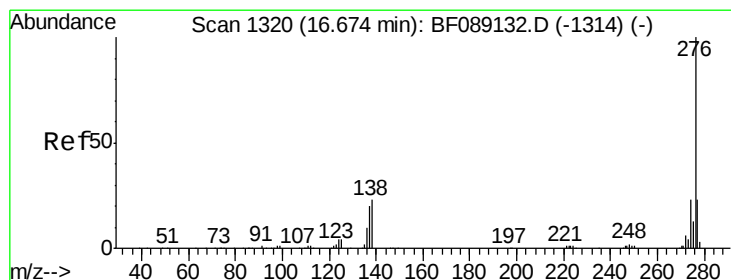
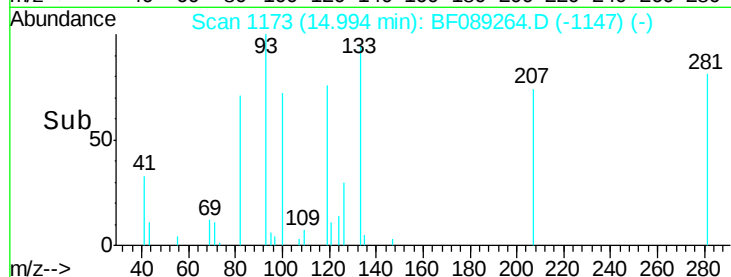
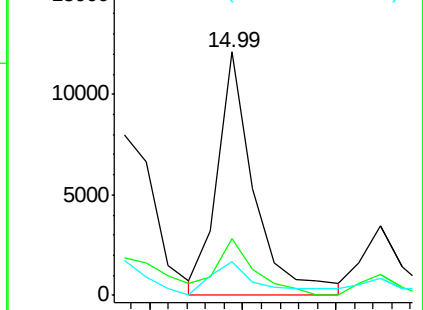
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	13.8	12.4	18.6

Manual Integrations

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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



#91
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 16.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF089264.D
Acq: 24 Jul 2016 7:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.5	27.7
138	23.9	18.5	27.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

