

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082087.D
 Acq On : 6 Oct 2015 16:38
 Operator : UM/IZ
 Sample : G3828-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-1-3-3.5

Manual Integrations
 APPROVED

mmdadoda
 10/7/2015 4:51:58 PM

Quant Time: Oct 07 04:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94331m	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	385203	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	181220	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	360682	20.00	ng	0.00
75) Chrysene-d12	14.06	240	325428	20.00	ng	-0.01
86) Perylene-d12	15.51	264	253384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	567351	109.18	ng	0.01
7) Phenol-d6	6.51	99	696952	106.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	473096	81.87	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	205711	112.08	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	855910	77.73	ng	0.00
78) Terphenyl-d14	13.01	244	942442	97.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	230456	18.42	ng	Qvalue # 97
74) Fluoranthene	12.63	202	78624	4.07	ng	86
77) Pyrene	12.86	202	67826	3.49	ng	98
82) Chrysene	14.08	228	34705m	2.38	ng	
87) Benzo(b)fluoranthene	15.09	252	33712m	2.33	ng	

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

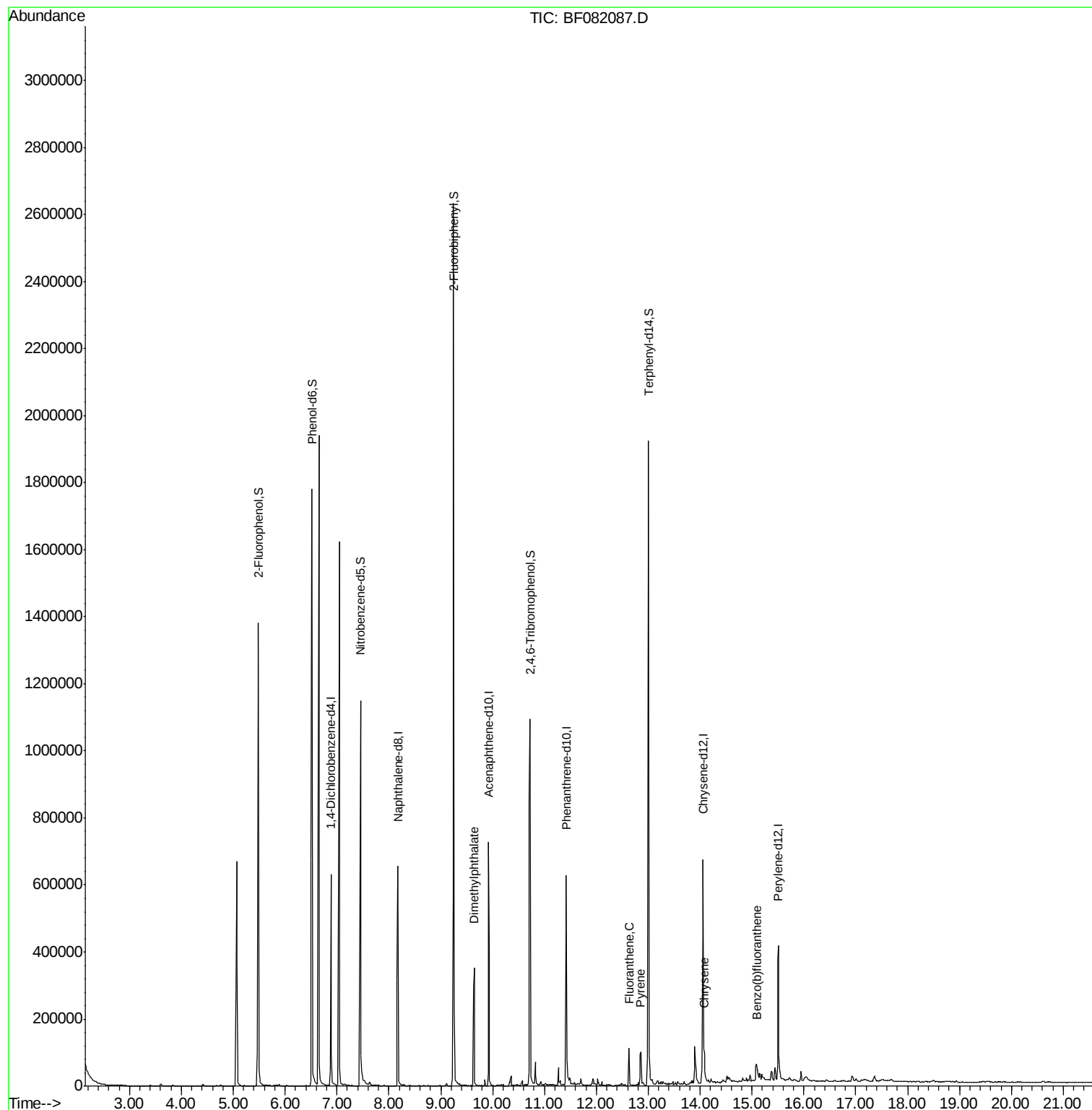
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082087.D
Acq On : 6 Oct 2015 16:38
Operator : UM/IZ
Sample : G3828-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

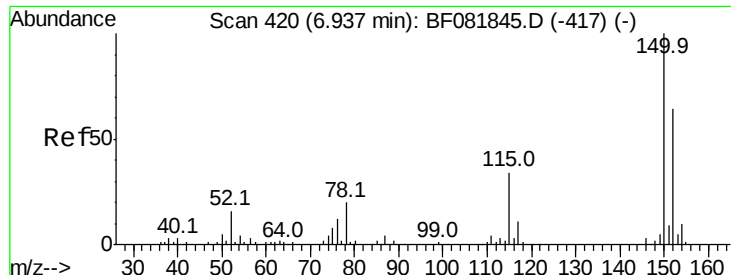
Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-1-3-3.5

Manual Integrations
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Quant Time: Oct 07 04:20:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

Instrument :

BNA_F

ClientSampleId :

OGS-SSCF-PH-FL-1-3-3.5

Tot Ion:152 Resp: 94331

Ion Ratio Lower Upper

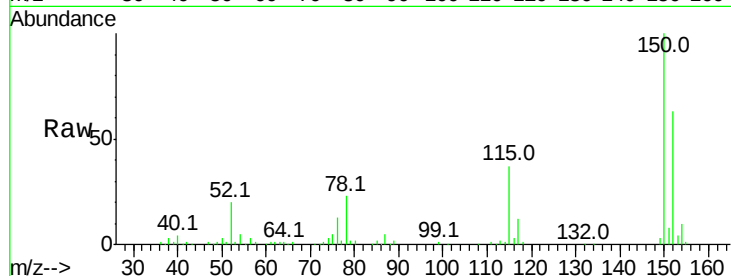
152 100

150 159.1 124.7 187.1

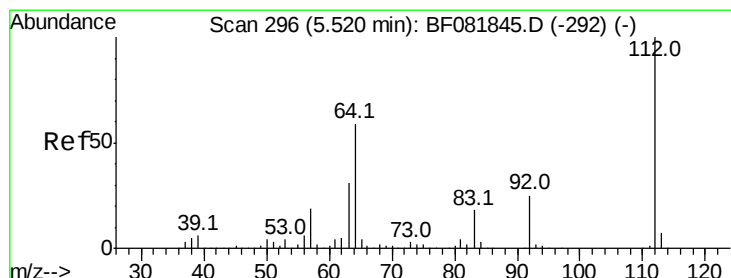
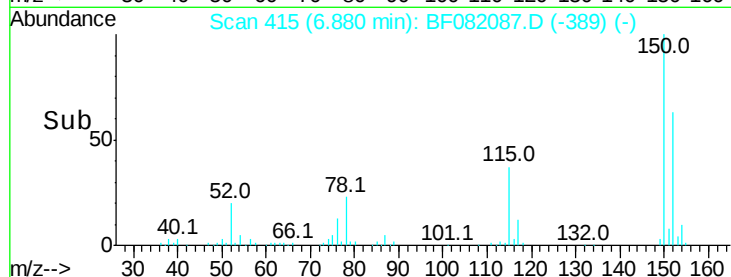
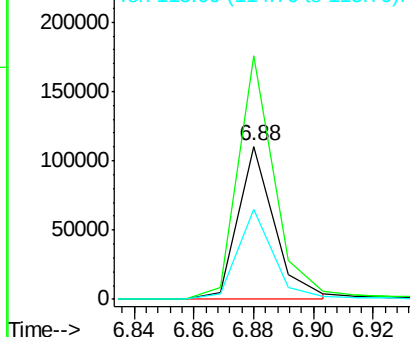
115 59.1 39.0 58.4#

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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: 109.18 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

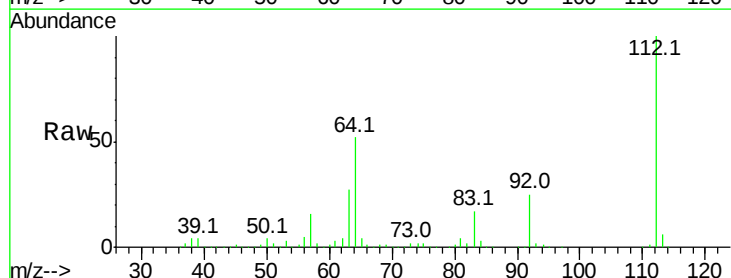
Tgt Ion:112 Resp: 567351

Ion Ratio Lower Upper

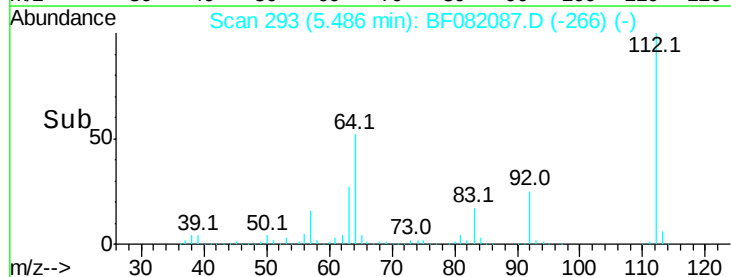
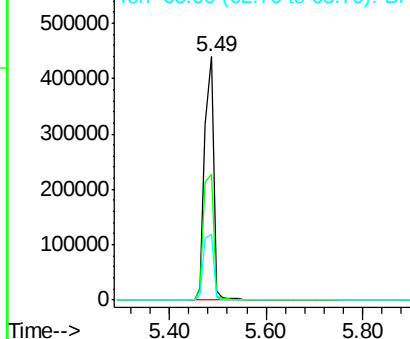
112 100

64 51.8 39.7 59.5

63 27.0 17.4 26.0#



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: 106.59 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

Instrument :

BNA_F

ClientSampleId :

OGS-SSCF-PH-FL-1-3-3.5

Tot Ion: 99 Resp: 696952

Ion Ratio Lower Upper

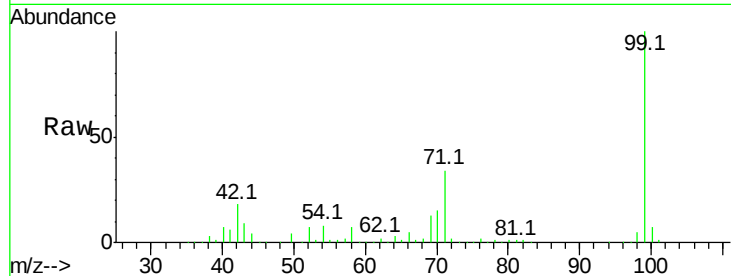
99 100

42 17.9 13.7 20.5

71 34.4 14.2 21.2#

Manual Integrations
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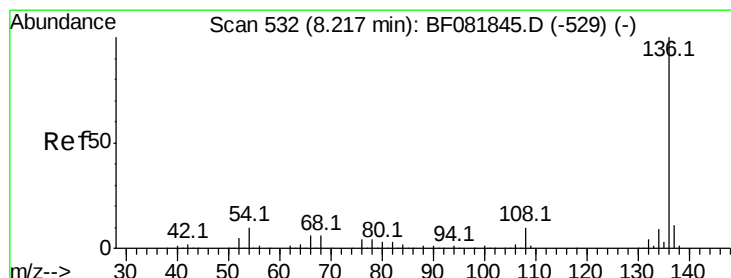
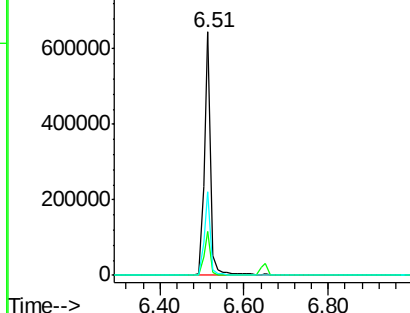
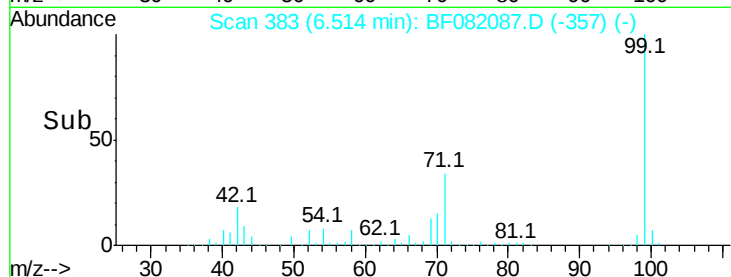
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

Tgt Ion: 136 Resp: 385203

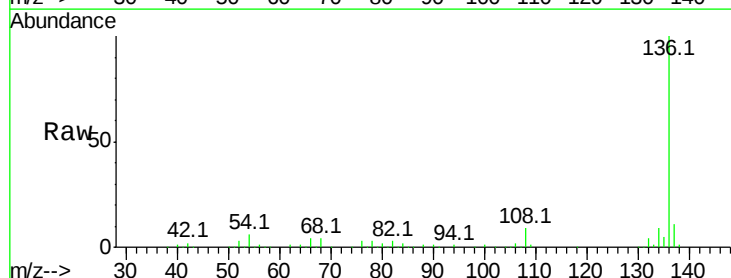
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.0 8.2 12.2#

68 4.2 5.8 8.6#

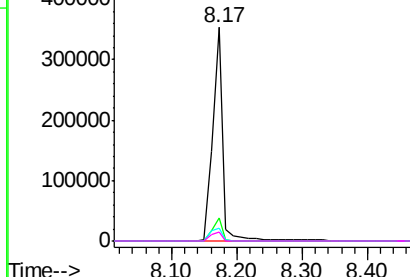
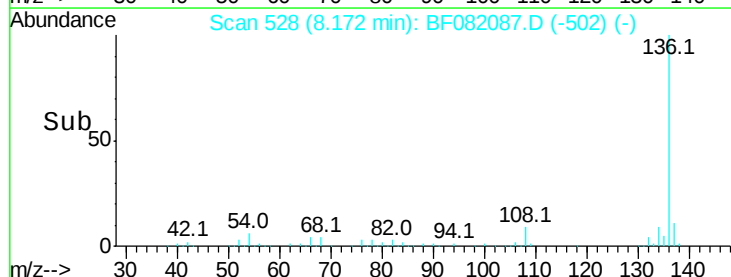


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.87 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

Instrument :

BNA_F

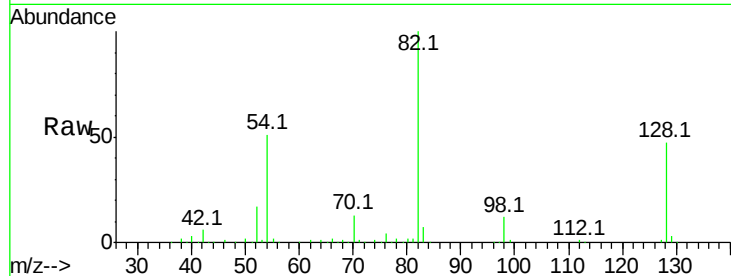
ClientSampleId :

OGS-SSCF-PH-FL-1-3-3.5

Tot Ion:	82	Resp:	473096
Ion Ratio	Lower	Upper	
82	100		
128	47.3	51.0	76.6#
54	50.7	47.5	71.3

Manual Integrations
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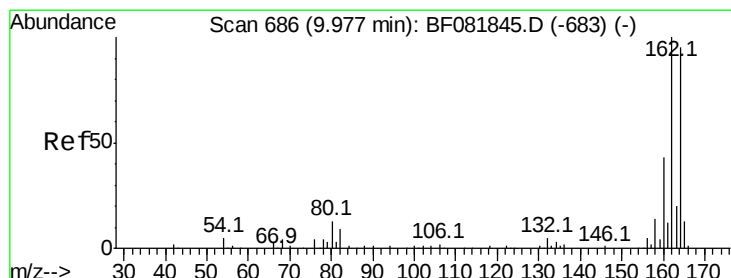
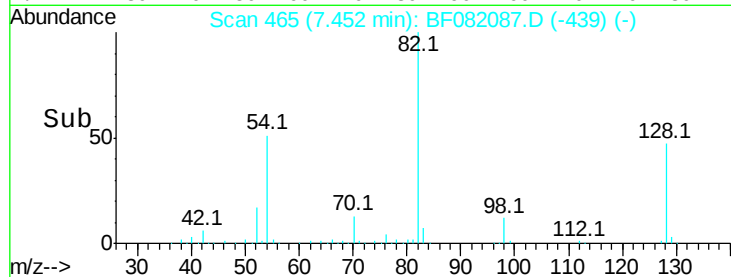
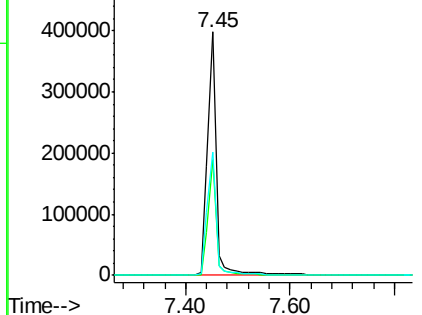
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Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082087.D

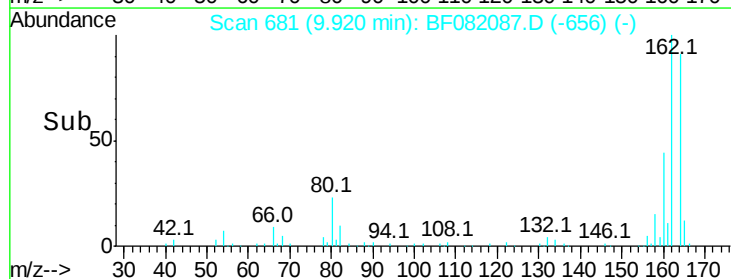
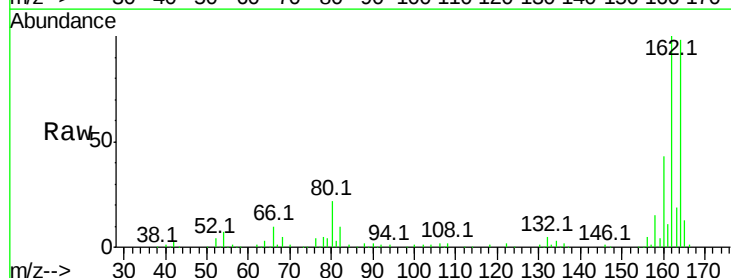
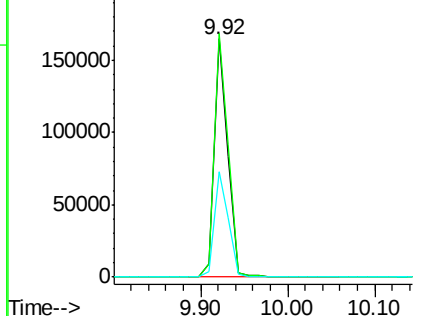
Acq: 6 Oct 2015 16:38

Tgt Ion:	164	Resp:	181220
Ion Ratio	Lower	Upper	
164	100		
162	102.3	75.2	112.8
160	44.4	31.5	47.3

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





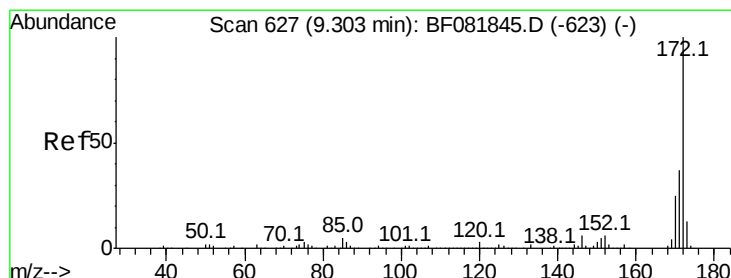
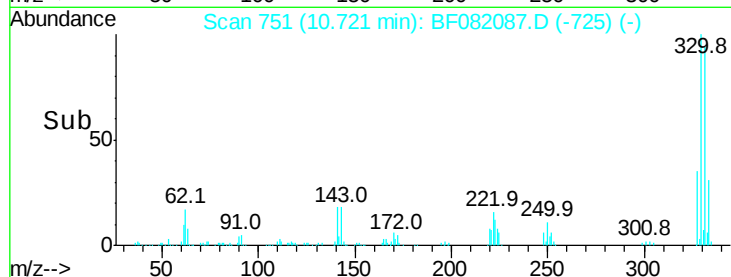
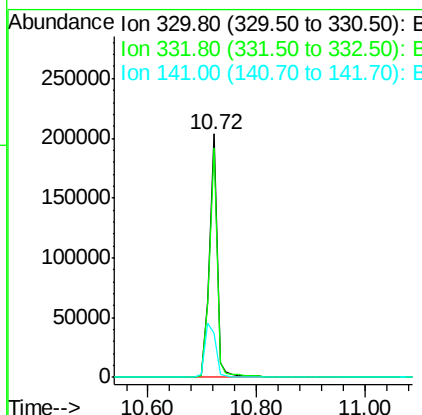
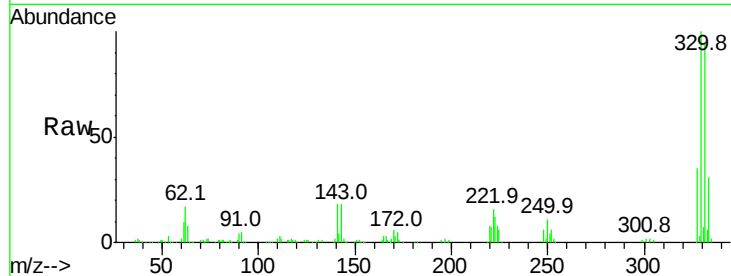
#41
 2,4,6-Tribromophenol
 Concen: 112.08 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082087.D
 Acq: 6 Oct 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-1-3-3.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	205711		
332	94.5	76.6	114.8	
141	30.4	29.7	44.5	

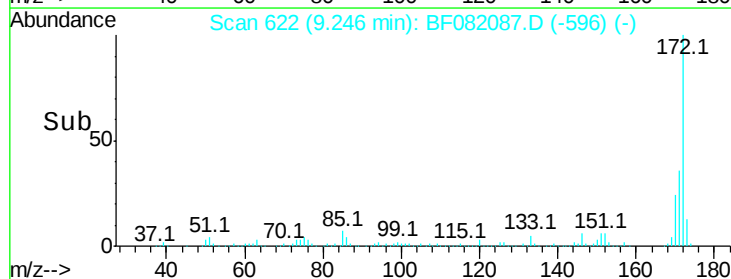
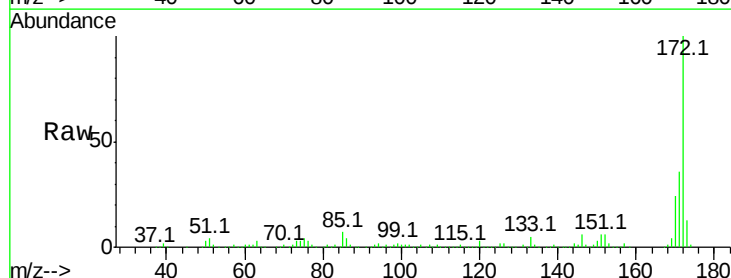
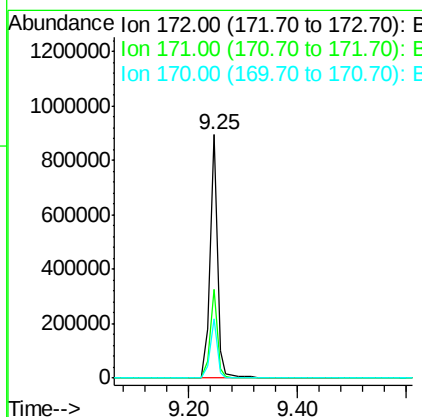
Manual Integrations
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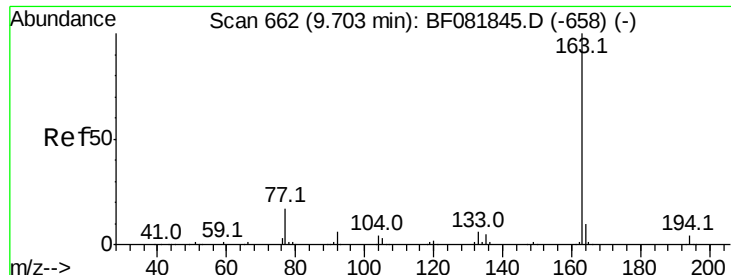
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#44
 2-Fluorobiphenyl
 Concen: 77.73 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082087.D
 Acq: 6 Oct 2015 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	855910		
171	36.2	26.1	39.1	
170	24.5	17.4	26.2	





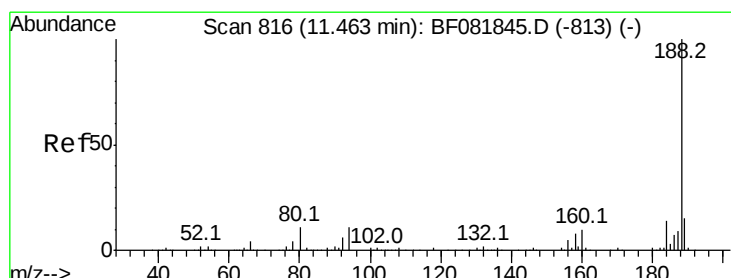
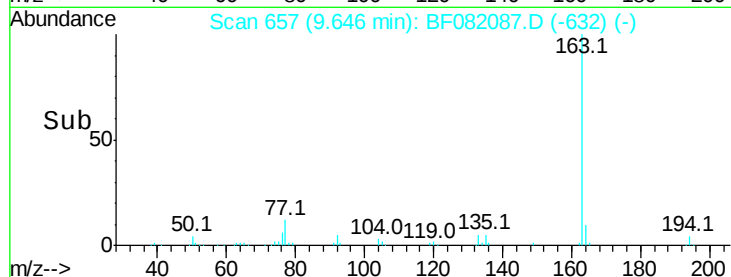
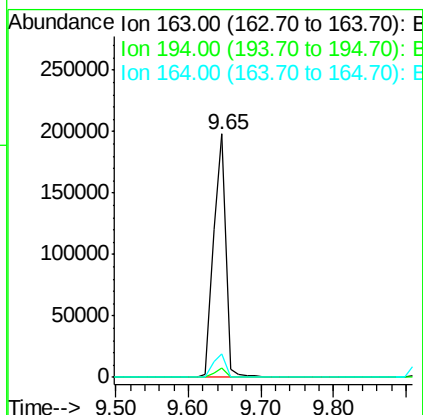
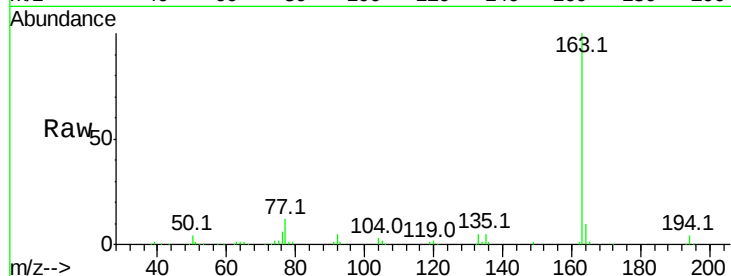
#49
Dimethylphthalate
Concen: 18.42 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082087.D
Acq: 6 Oct 2015 16:38

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-1-3-3.5

Tot Ion:163 Resp: 230456
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 9.6 8.3 12.5

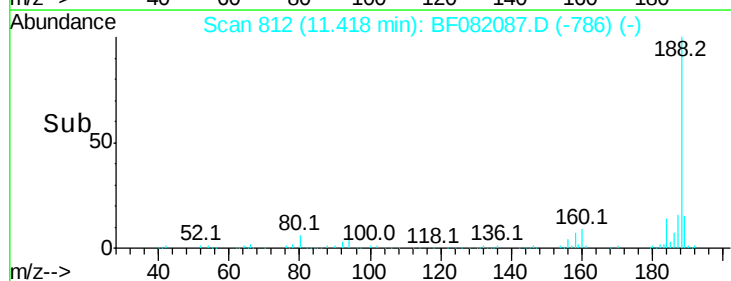
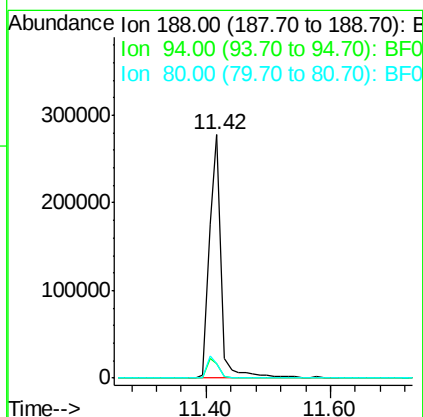
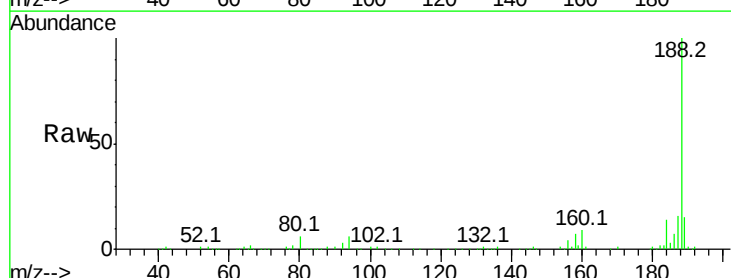
Manual Integrations
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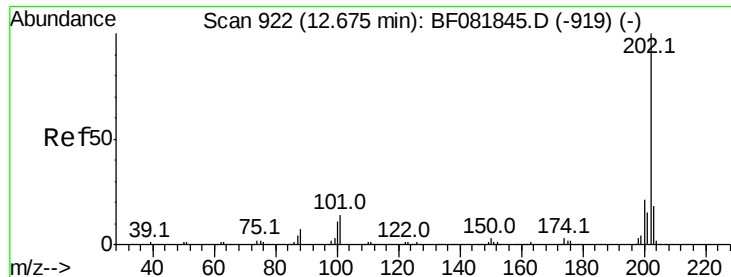
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082087.D
Acq: 6 Oct 2015 16:38

Tgt Ion:188 Resp: 360682
Ion Ratio Lower Upper
188 100
94 5.8 11.1 16.7#
80 6.1 11.0 16.4#





#74

Fluoranthene

Concen: 4.07 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

Instrument :

BNA_F

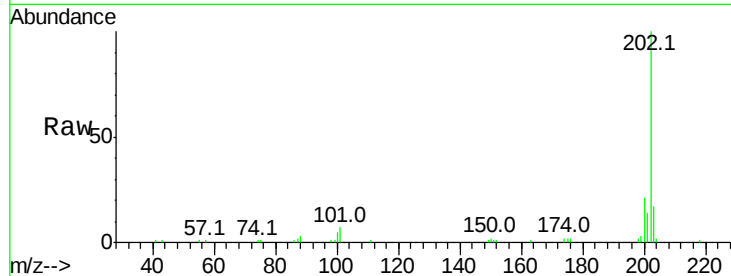
ClientSampleId :

OGS-SSCF-PH-FL-1-3-3.5

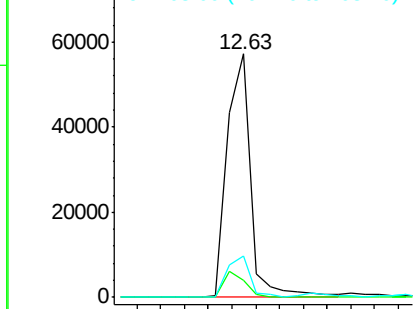
Tot Ion:	202	Resp:	78624
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	38.3
203	17.0	0.0	37.3

Manual Integrations
APPROVED

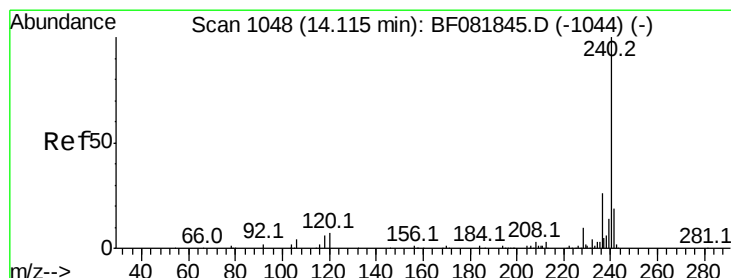
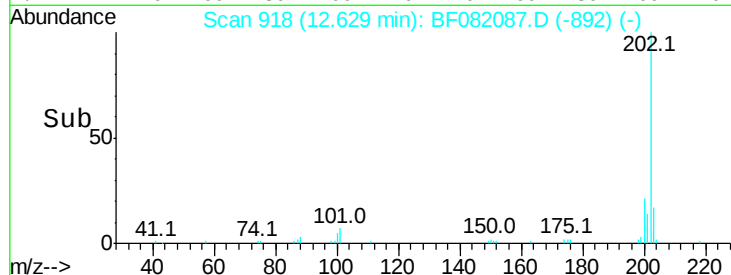
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

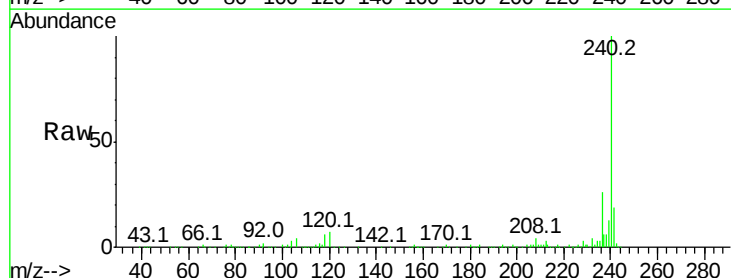
RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

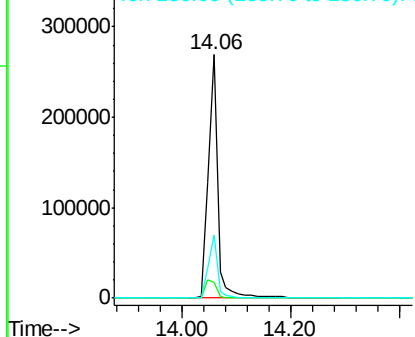
Lab File: BF082087.D

Acq: 6 Oct 2015 16:38

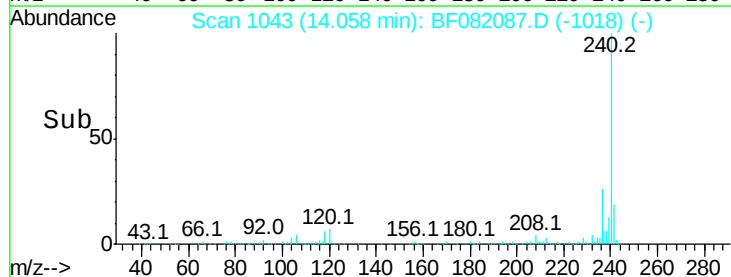
Tgt Ion:	240	Resp:	325428
Ion Ratio	Lower	Upper	
240	100		
120	6.5	16.2	24.2#
236	25.9	18.4	27.6

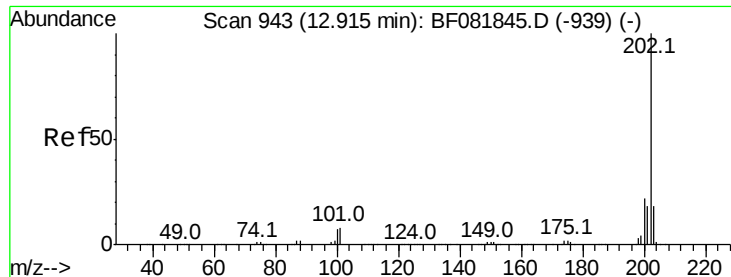


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





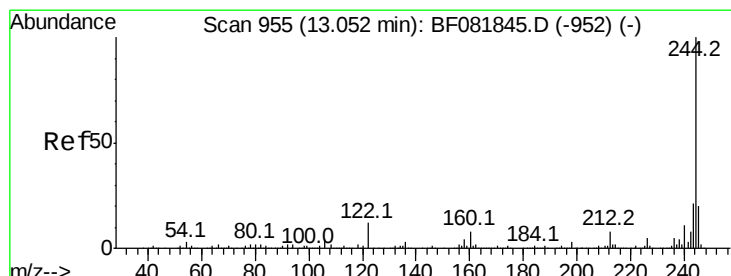
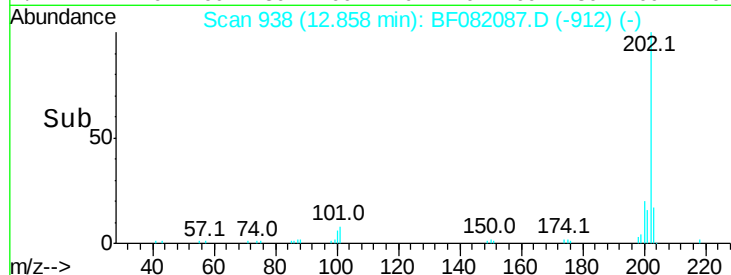
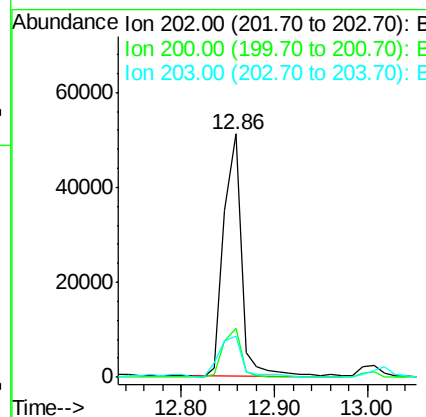
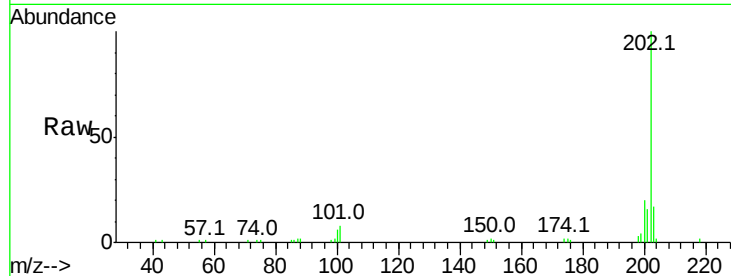
#77
Pvrene
Concen: 3.49 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082087.D
Acq: 6 Oct 2015 16:38

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-1-3-3.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.0	22.4
203	17.0	14.1	21.1

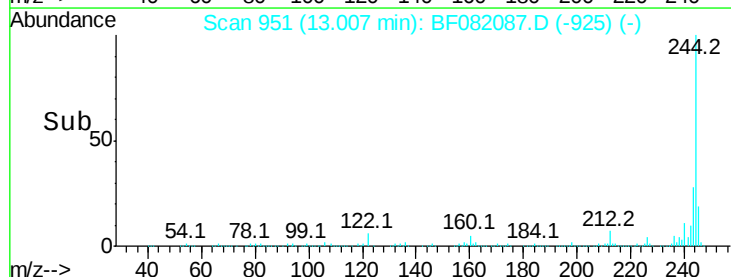
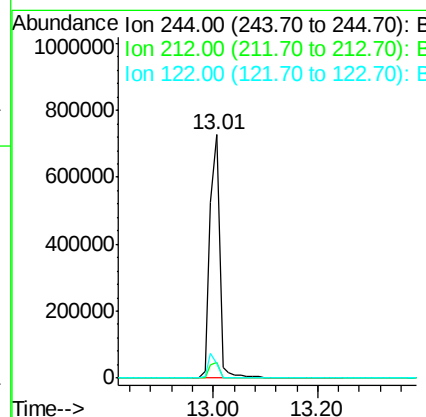
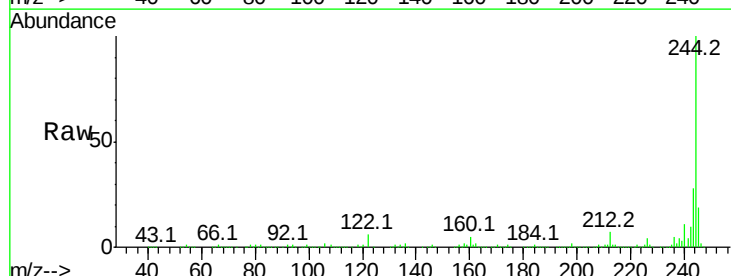
Manual Integrations
APPROVED

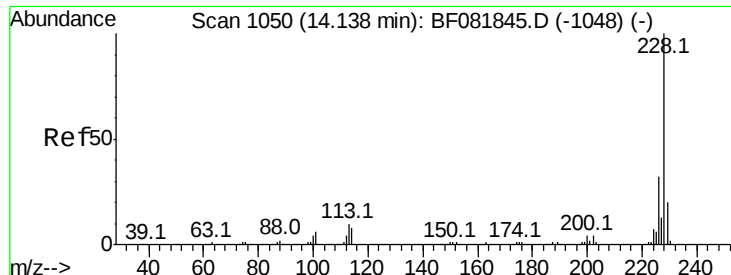
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#78
Terphenyl-d14
Concen: 97.43 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082087.D
Acq: 6 Oct 2015 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	6.1	17.4	26.2#





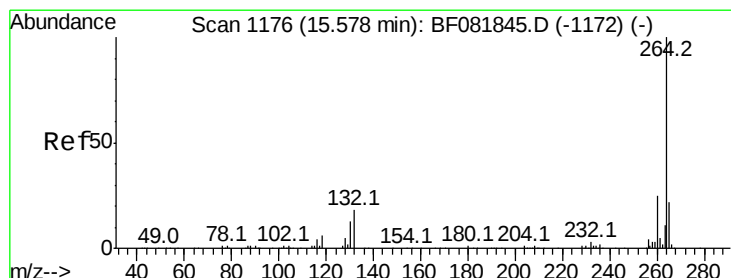
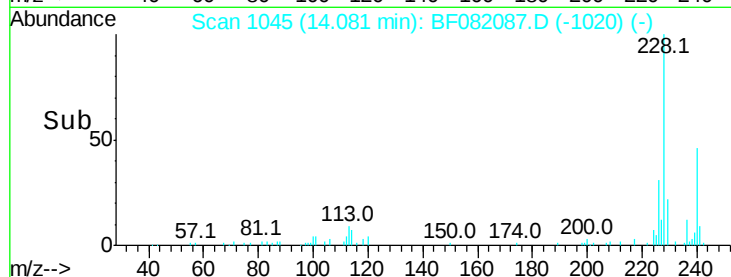
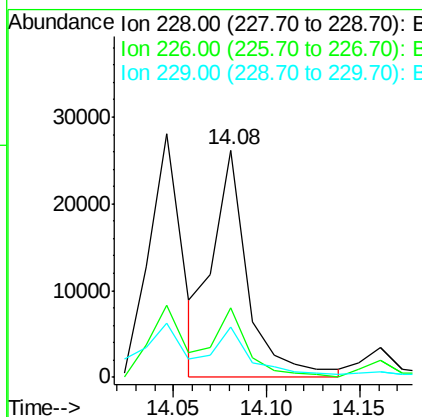
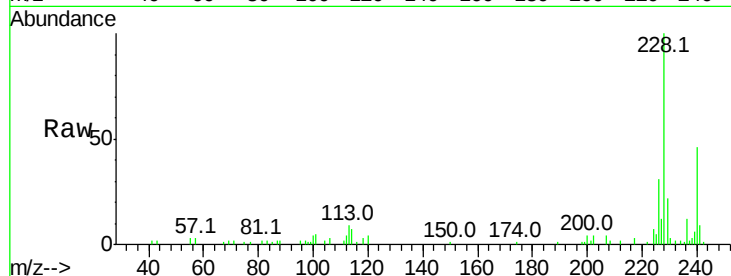
#82
Chrysene
Concen: 2.38 ng/ml
RT: 14.08 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082087.D
Acq: 6 Oct 2015 16:38

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-1-3-3.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	22.2	15.6	23.4

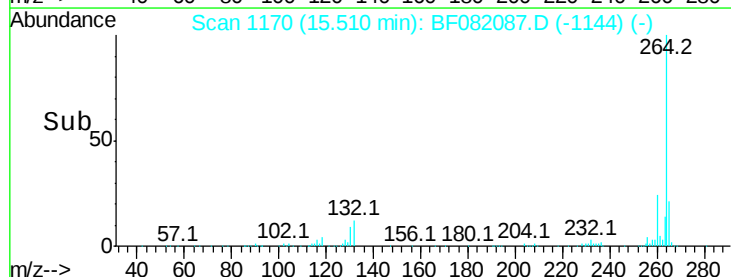
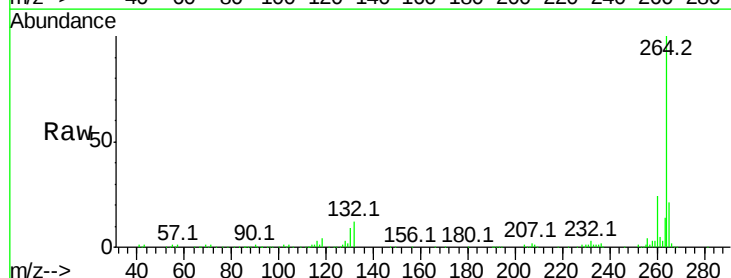
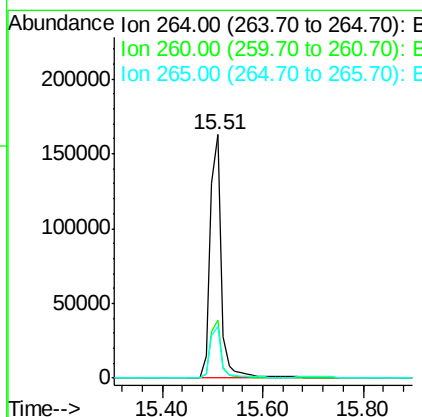
Manual Integrations
APPROVED

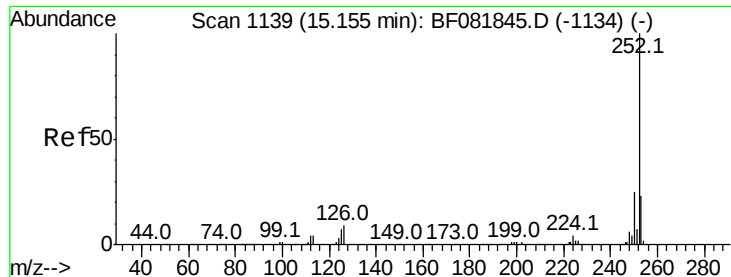
mmdadoda
10/7/2015 4:51:58 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082087.D
Acq: 6 Oct 2015 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.0	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.33 ng m
 RT: 15.09 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF082087.D
 Acq: 6 Oct 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 OGS-SSCF-PH-FL-1-3-3.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.9	17.1	25.7

Manual Integrations
 APPROVED

mmdadoda
 10/7/2015 4:51:58 PM

