

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089897.D
 Acq On : 25 Aug 2016 2:53
 Operator : UM/SJ
 Sample : H4576-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

Manual Integrations
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Quant Time: Aug 25 17:04:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	408009	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1638465	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	719553	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1397029	20.00	ng	0.00
75) Chrysene-d12	13.84	240	923211	20.00	ng	-0.03
86) Perylene-d12	15.33	264	843594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1792035	75.32	ng	-0.01
7) Phenol-d6	6.30	99	1289043	44.14	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2109362	79.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	832106	121.68	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3723572	90.95	ng	-0.01
78) Terphenyl-d14	12.78	244	3046114	74.64	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	207156	4.09	ng	# 97
57) Fluorene	10.25	166	112085	2.56	ng	# 91
70) Phenanthrene	11.21	178	226670	3.21	ng	# 94
77) Pyrene	12.62	202	212710	2.83	ng	96

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

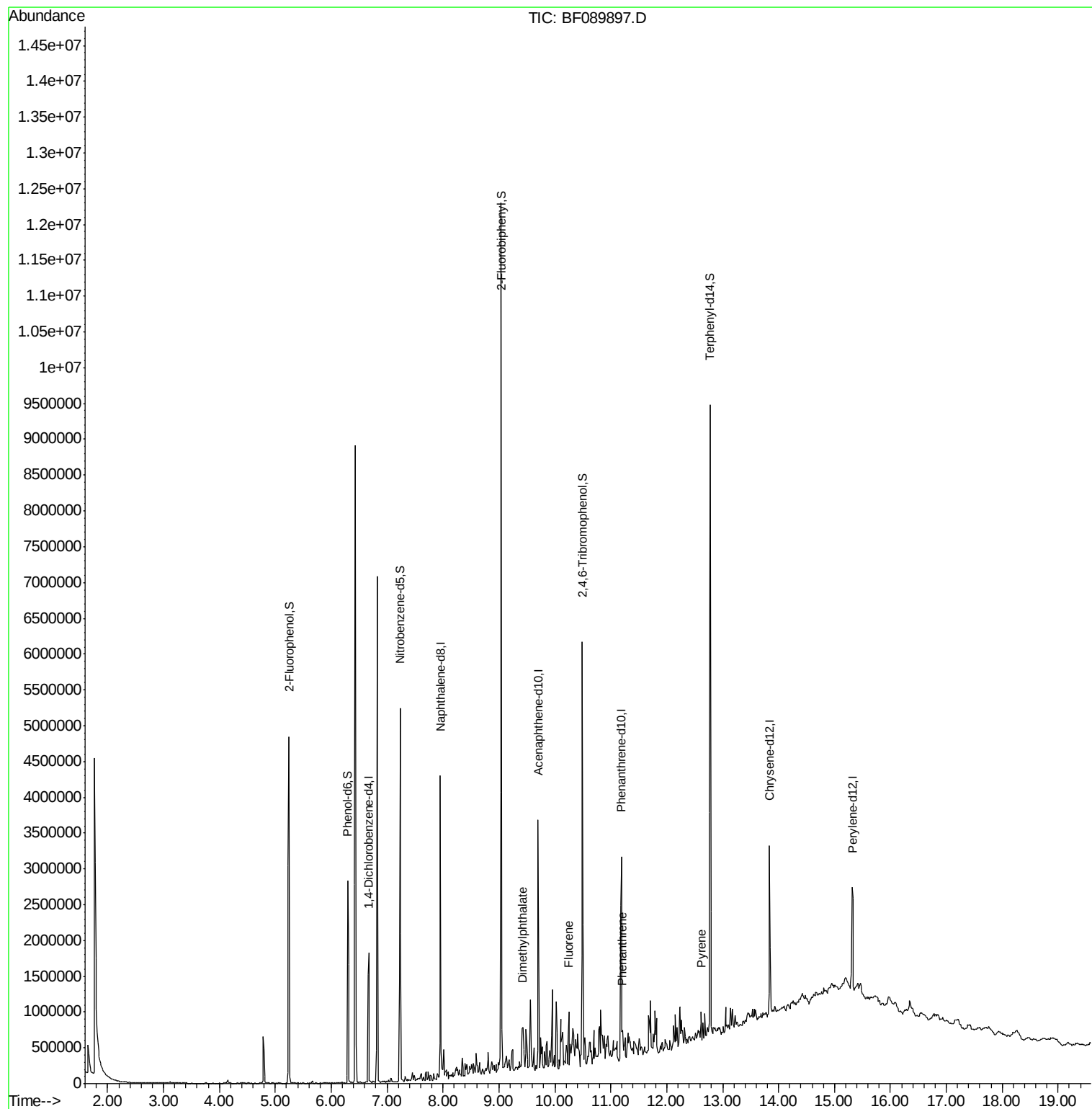
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089897.D
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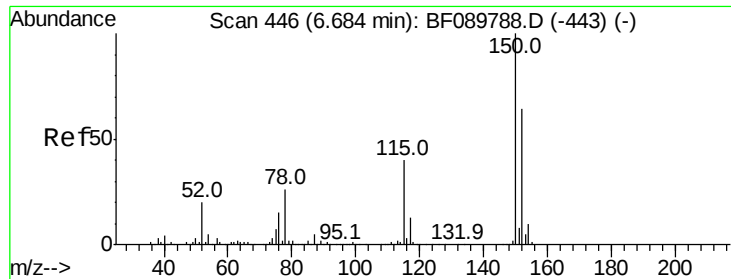
Instrument :
BNA_F
ClientSampleId :
SB-19A-GW

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#1

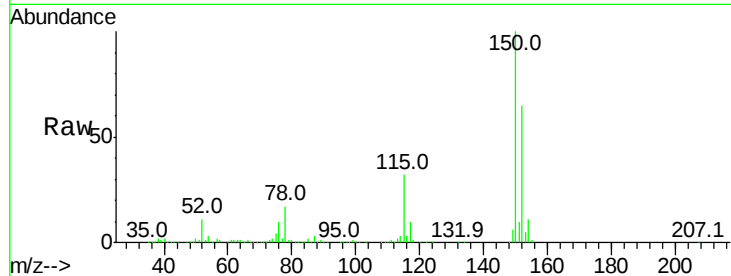
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF089897.D
Acq: 25 Aug 2016 2:53

Instrument :
BNA_F
ClientSampleId :
SB-19A-GW

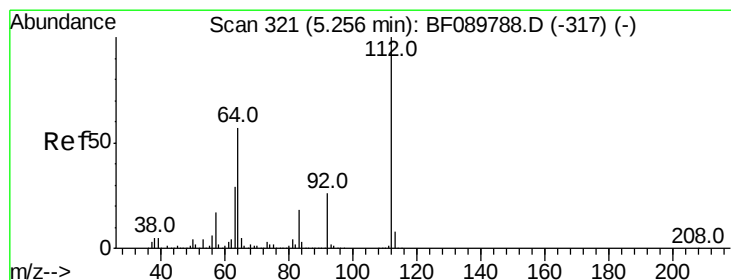
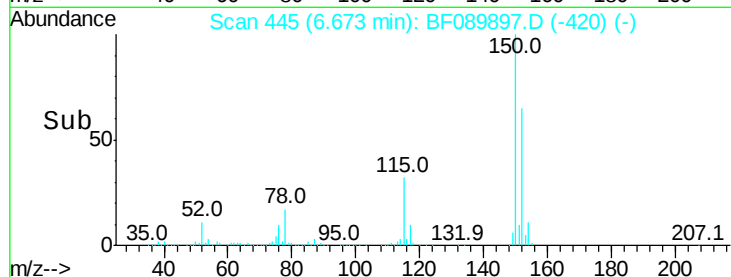
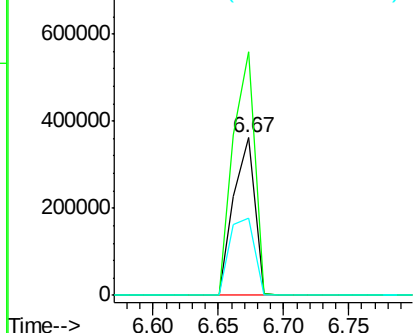
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.3	187.9
115	49.2	40.9	61.3

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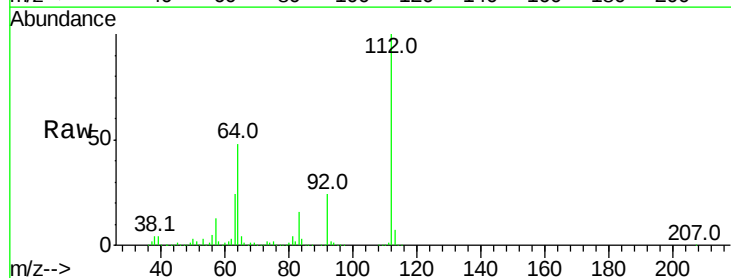
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



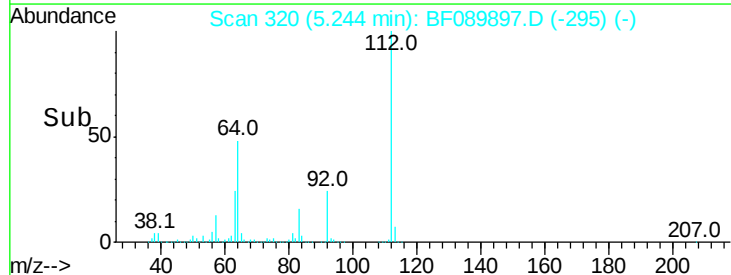
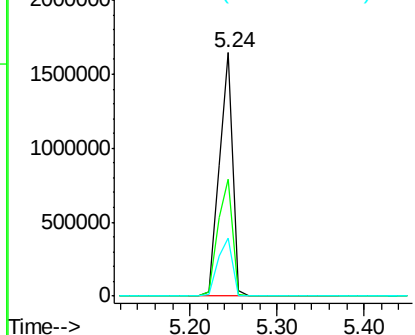
#5

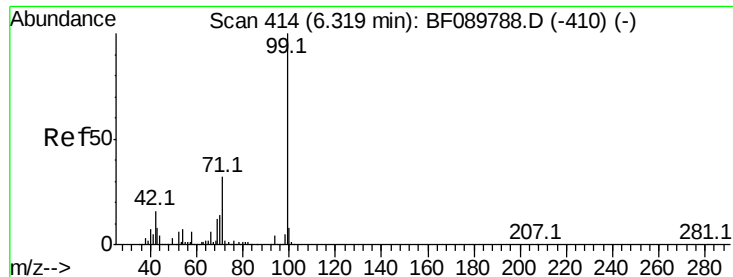
2-Fluorophenol
Concen: 75.32 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089897.D
Acq: 25 Aug 2016 2:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.8	45.0	67.4
63	23.8	23.1	34.7



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: 44.14 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

Tot Ion: 99 Resp: 1289043

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.4

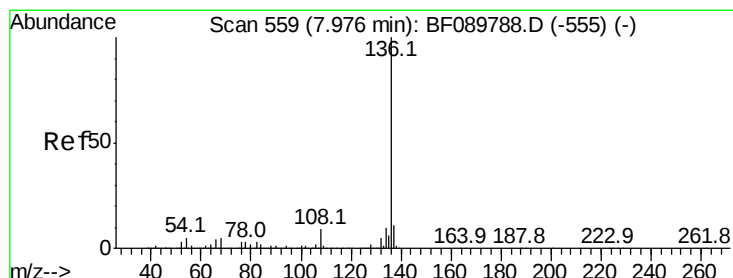
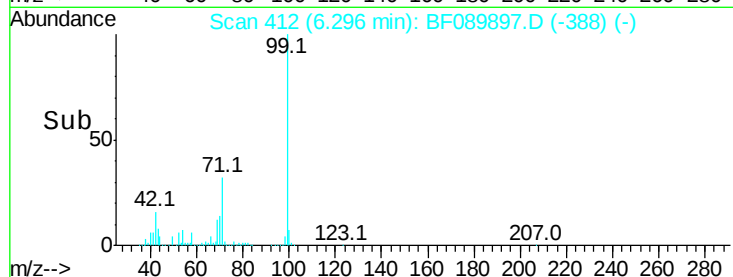
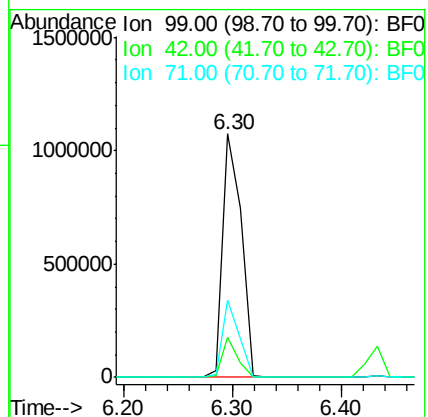
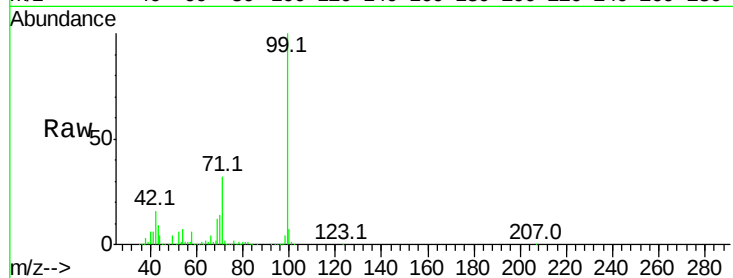
71 31.9 23.8 35.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Tgt Ion: 136 Resp: 1638465

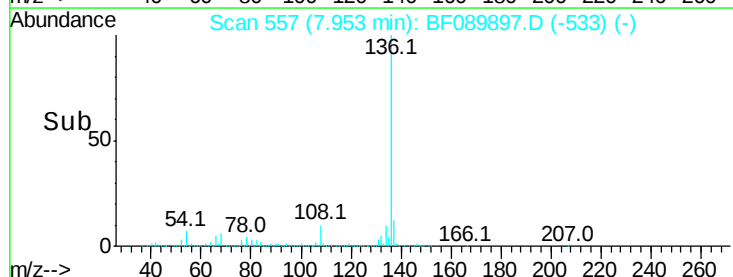
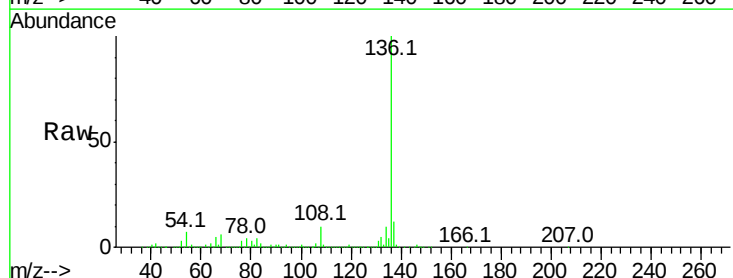
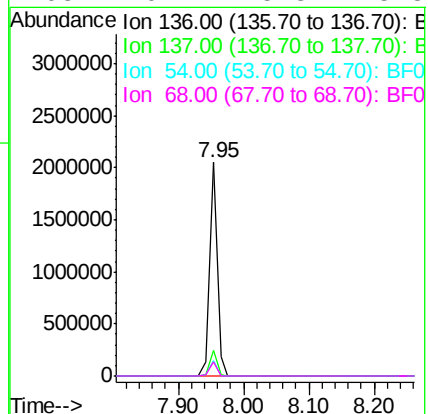
Ion Ratio Lower Upper

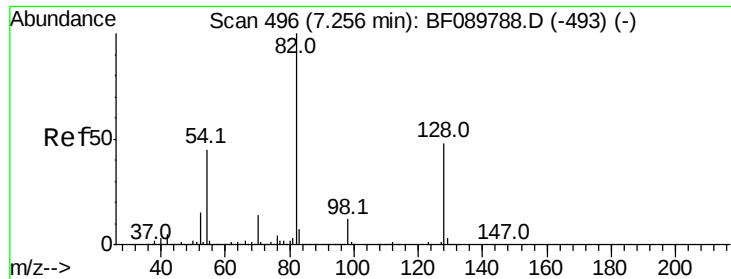
136 100

137 11.8 9.2 13.8

54 7.0 7.2 10.8#

68 6.4 5.8 8.8





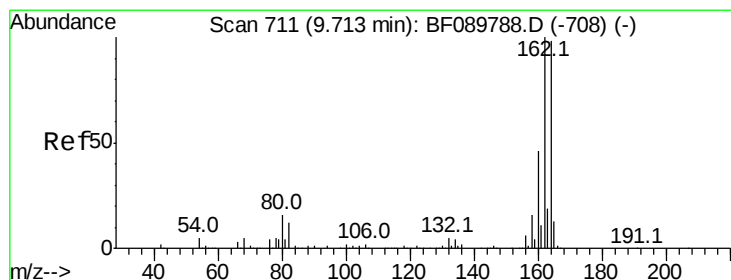
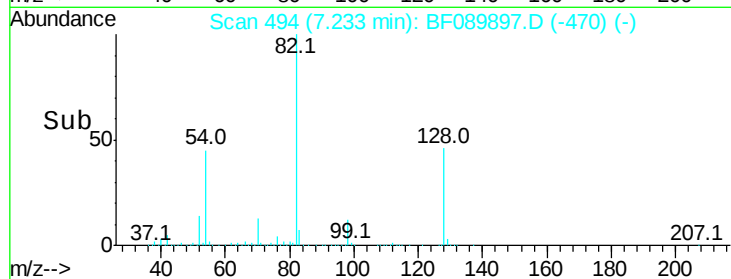
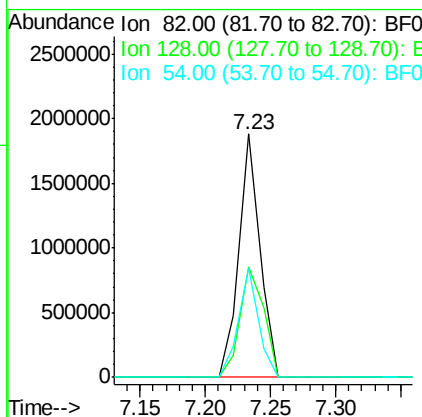
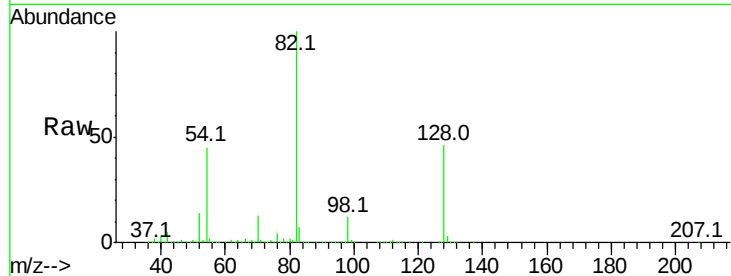
#23
 Nitrobenzene-d5
 Concen: 79.98 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.4	51.6
54	45.0	40.3	60.5

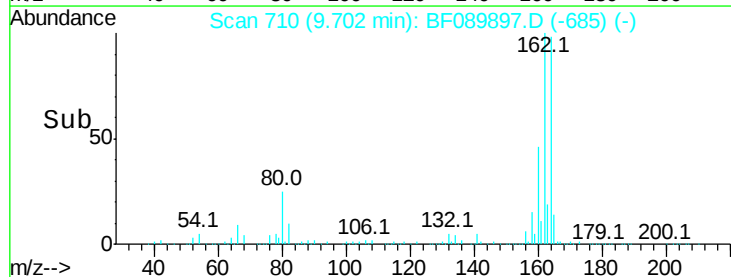
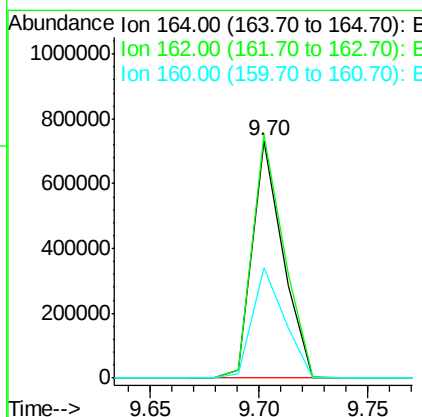
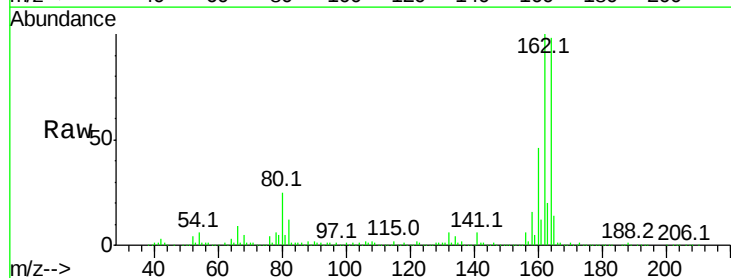
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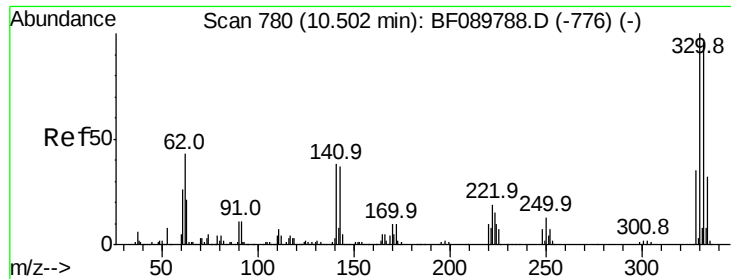
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.2
160	46.8	37.8	56.6





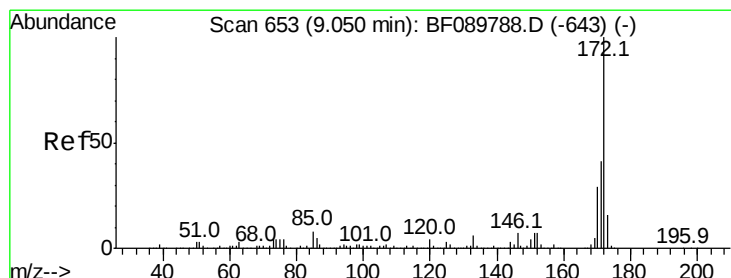
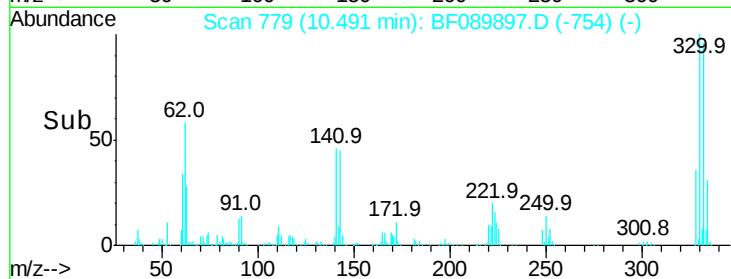
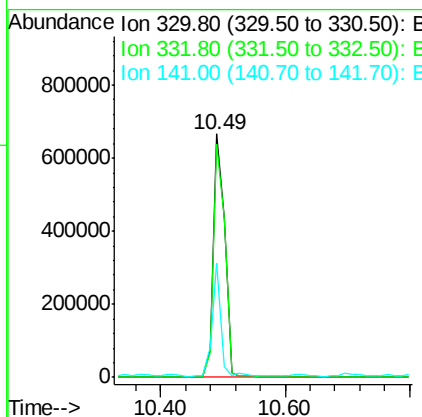
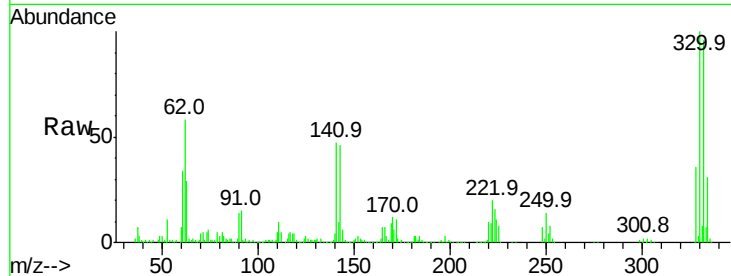
#41
 2,4,6-Tribromophenol
 Concen: 121.68 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	832106		
332	97.5	76.7	115.1	
141	36.5	30.2	45.2	

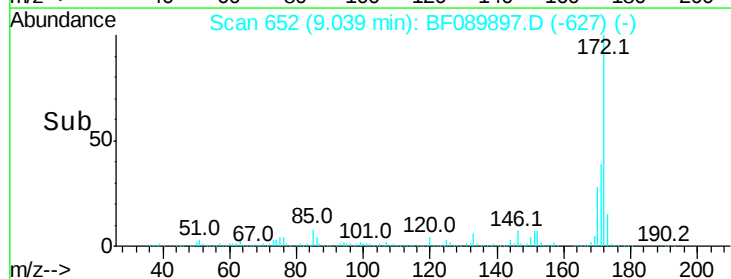
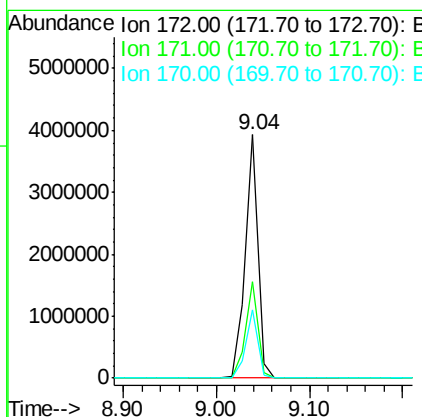
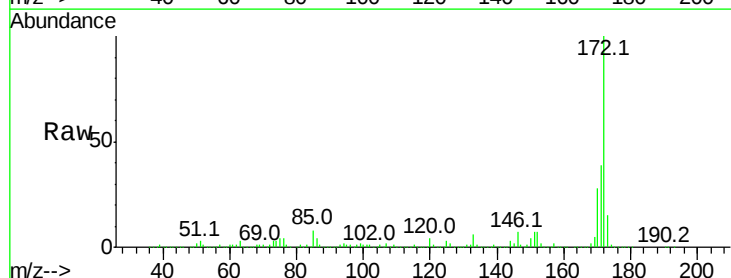
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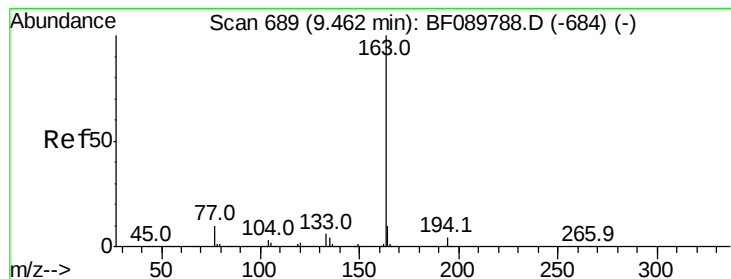
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#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3723572		
171	39.4	30.5	45.7	
170	27.8	20.6	31.0	





#49

Dimethylphthalate

Concen: 4.09 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

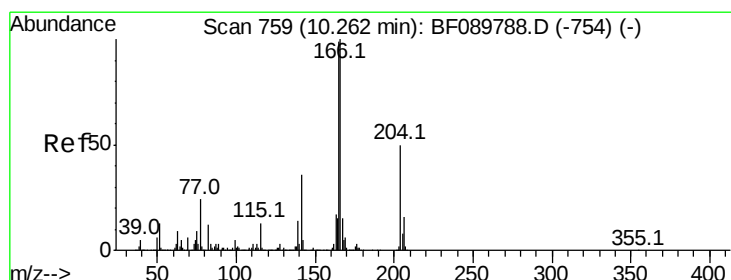
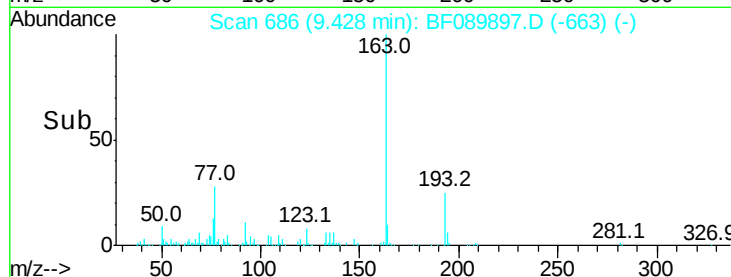
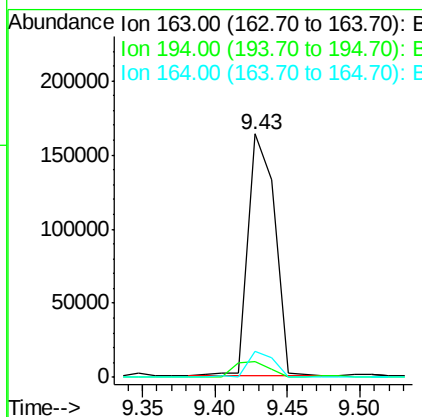
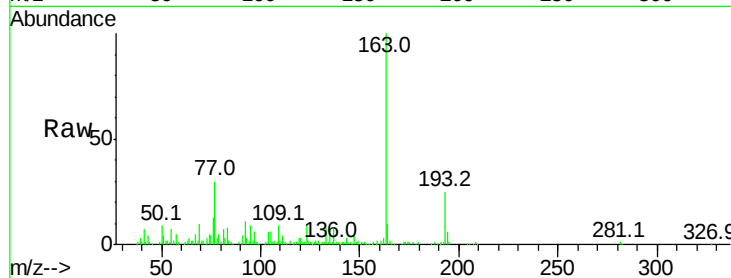
ClientSampleId :

SB-19A-GW

Tot Ion	Ratio	Resp	Lower	Upper
163	100	207156		
194	6.2	2.6	3.8#	
164	10.4	8.6	12.8	

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#57

Fluorene

Concen: 2.56 ng

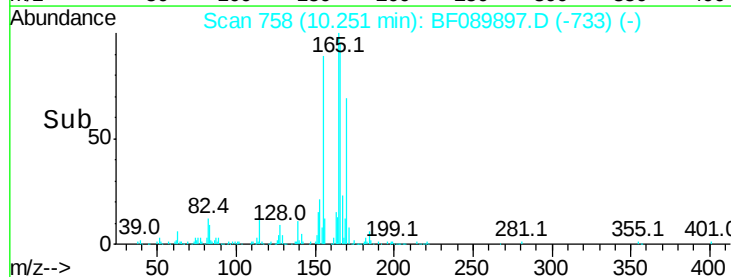
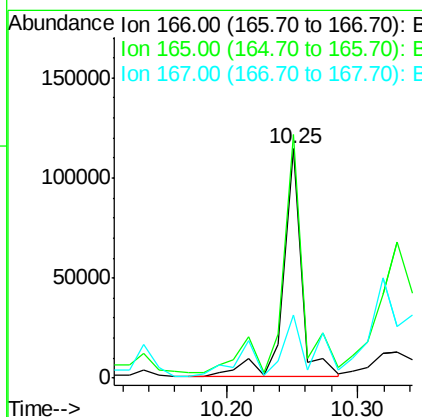
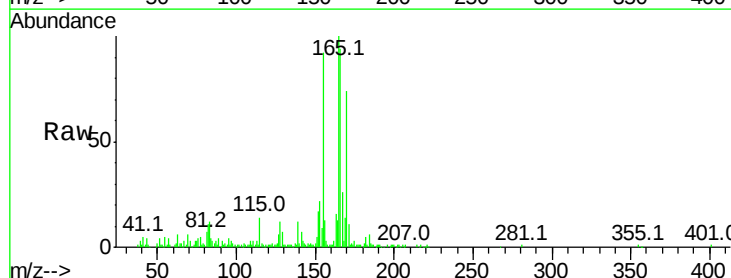
RT: 10.25 min Scan# 758

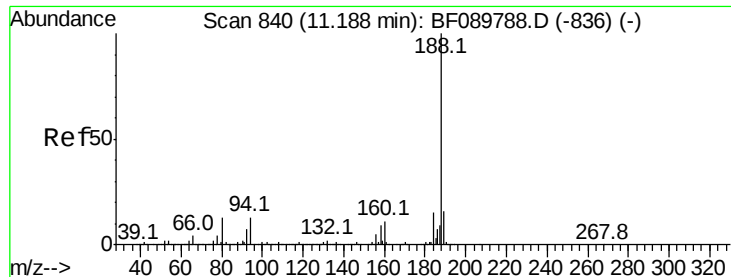
Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	112085		
165	106.1	80.2	120.4	
167	27.4	11.3	16.9#	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

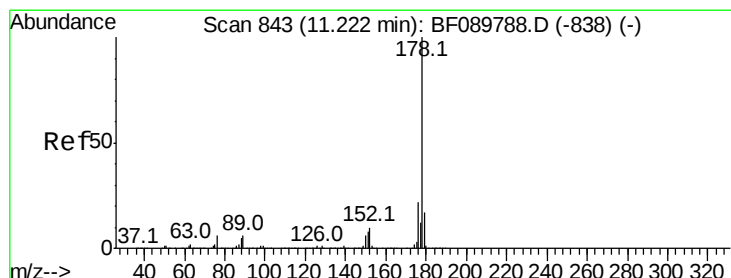
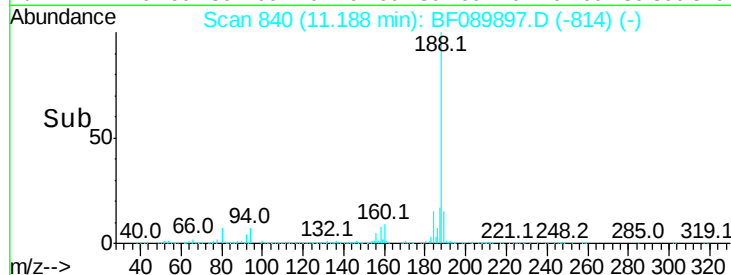
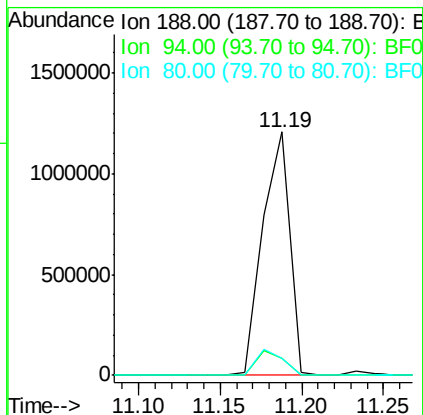
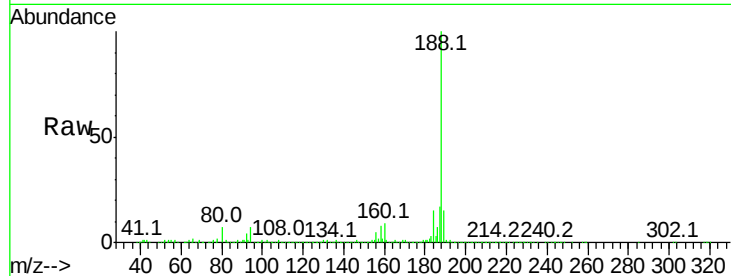
ClientSampleId :

SB-19A-GW

Tot Ion:188	Resp: 1397029
Ion Ratio	Lower Upper
188 100	
94 7.2	10.2 15.2#
80 6.9	10.9 16.3#

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#70

Phenanthrene

Concen: 3.21 ng

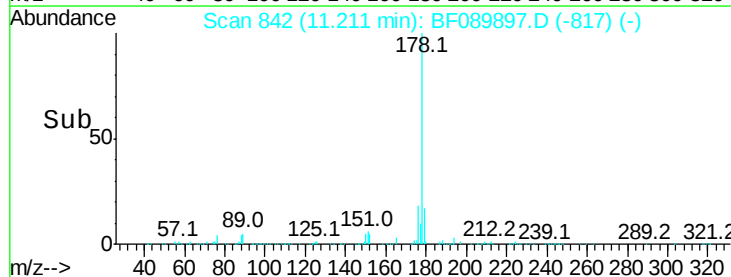
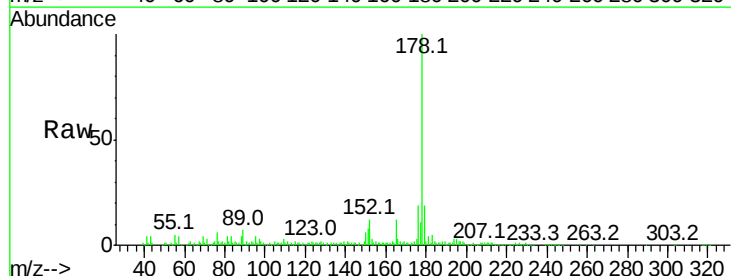
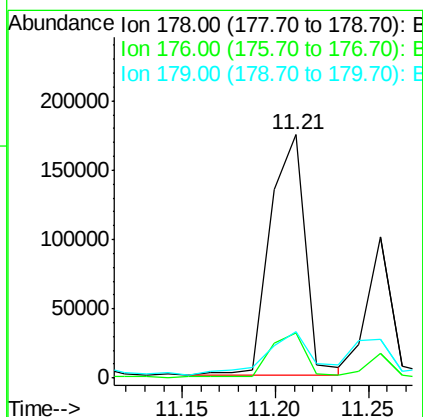
RT: 11.21 min Scan# 842

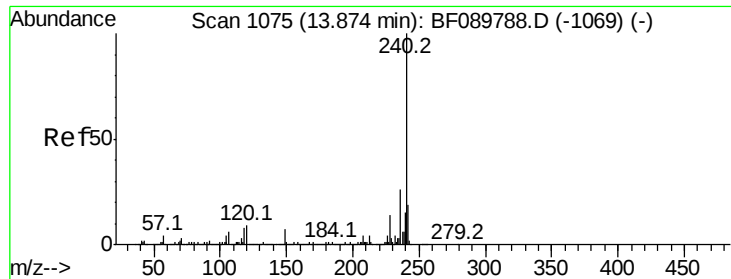
Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Tgt Ion:178	Resp: 226670
Ion Ratio	Lower Upper
178 100	
176 18.7	16.4 24.6
179 18.9	12.5 18.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

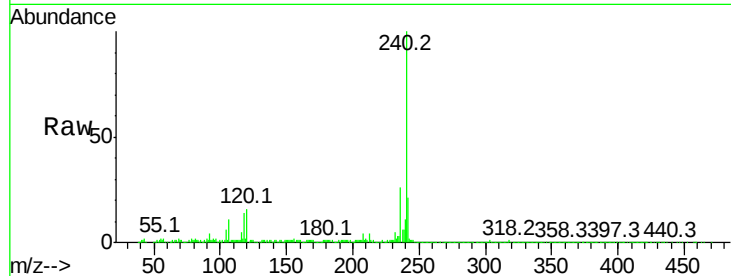
ClientSampled :

SB-19A-GW

Tot Ion:	240	Resp:	923211
Ion Ratio	Lower	Upper	
240	100		
120	15.9	8.3	12.5#
236	26.1	21.3	31.9

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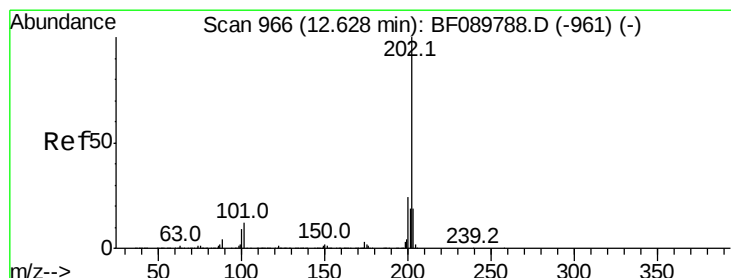
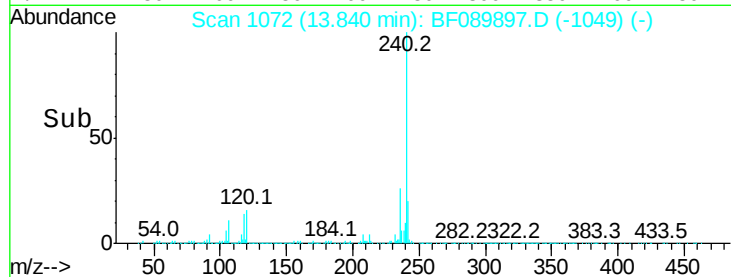
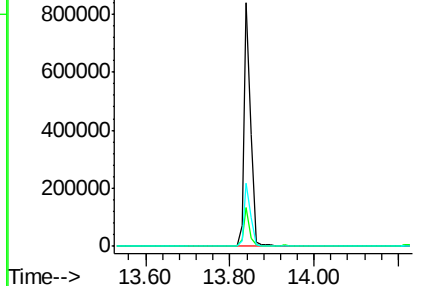
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.83 ng

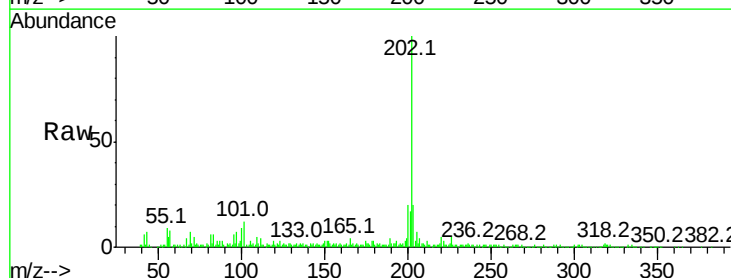
RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

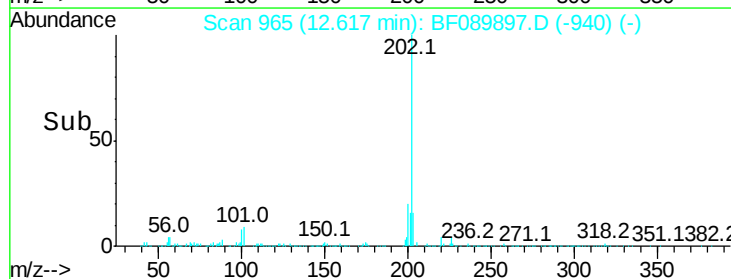
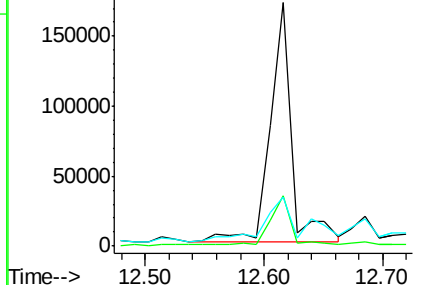
Tgt Ion:	202	Resp:	212710
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.8	26.6
203	20.2	14.2	21.4

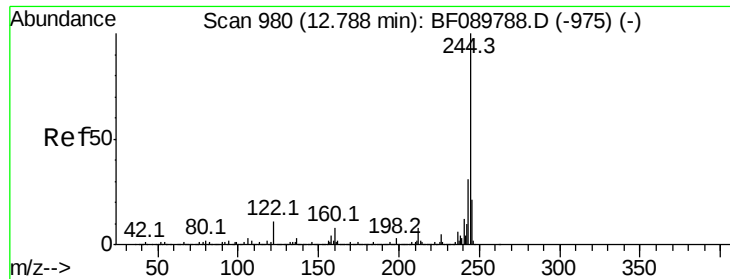


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.64 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

Tot Ion:244 Resp: 3046114

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

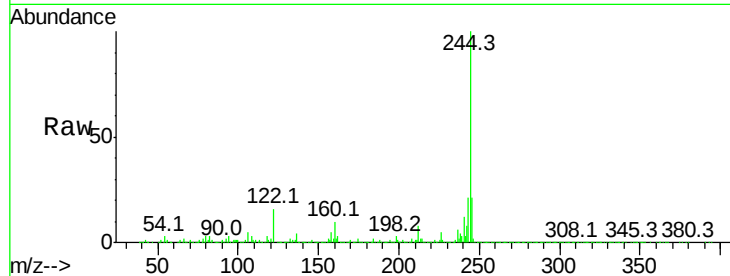
122 15.9 12.0 18.0

Manual Integrations

APPROVED

umangi

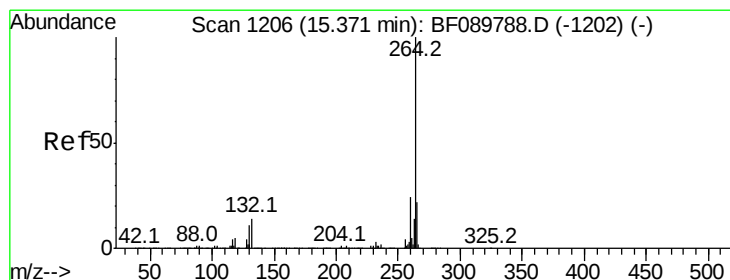
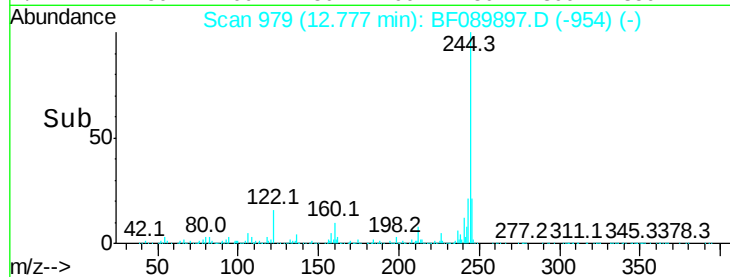
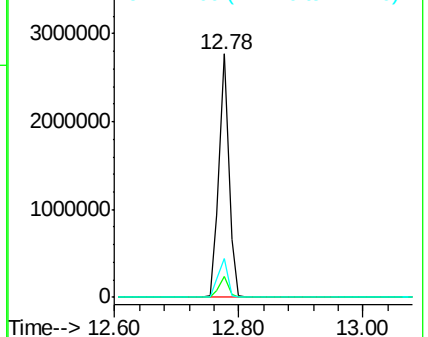
8/25/2016 6:50:10 PM



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: 15.33 min Scan# 1202

Delta R.T. -0.05 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

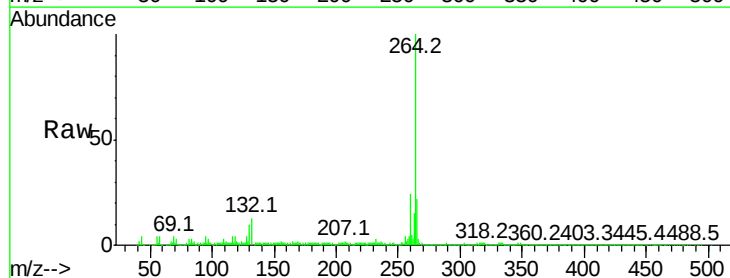
Tgt Ion:264 Resp: 843594

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.2

265 21.9 17.4 26.2



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

