

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089768.D
 Acq On : 17 Aug 2016 17:40
 Operator : UM/SJ
 Sample : H4476-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-19A

Manual Integrations
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Quant Time: Aug 17 18:55:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	604995	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2393859	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1192348	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2180056	20.00	ng	0.00
75) Chrysene-d12	13.87	240	2014586	20.00	ng	-0.02
86) Perylene-d12	15.35	264	1681116	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2339100	64.51	ng	0.00
7) Phenol-d6	6.33	99	1884199	40.85	ng	0.00
23) Nitrobenzene-d5	7.27	82	3924976	100.12	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1473079	127.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6500752	87.48	ng	0.00
78) Terphenyl-d14	12.82	244	8713826	129.22	ng	0.01
Target Compounds						
32) Benzoic acid	7.67	122	159741m	5.22	ng	Qvalue
69) Pentachlorophenol	11.01	266	35791	2.29	ng	95
73) Di-n-butylphthalate	11.78	149	1044156	8.09	ng	99
74) Fluoranthene	12.40	202	300545	2.79	ng	95
77) Pyrene	12.63	202	281415	2.13	ng	99
79) Butylbenzylphthalate	13.29	149	195005	2.95	ng	# 85
82) Chrysene	13.90	228	224839m	2.13	ng	
83) Bis(2-ethylhexyl)phthalate	13.90	149	504872	5.77	ng	98

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

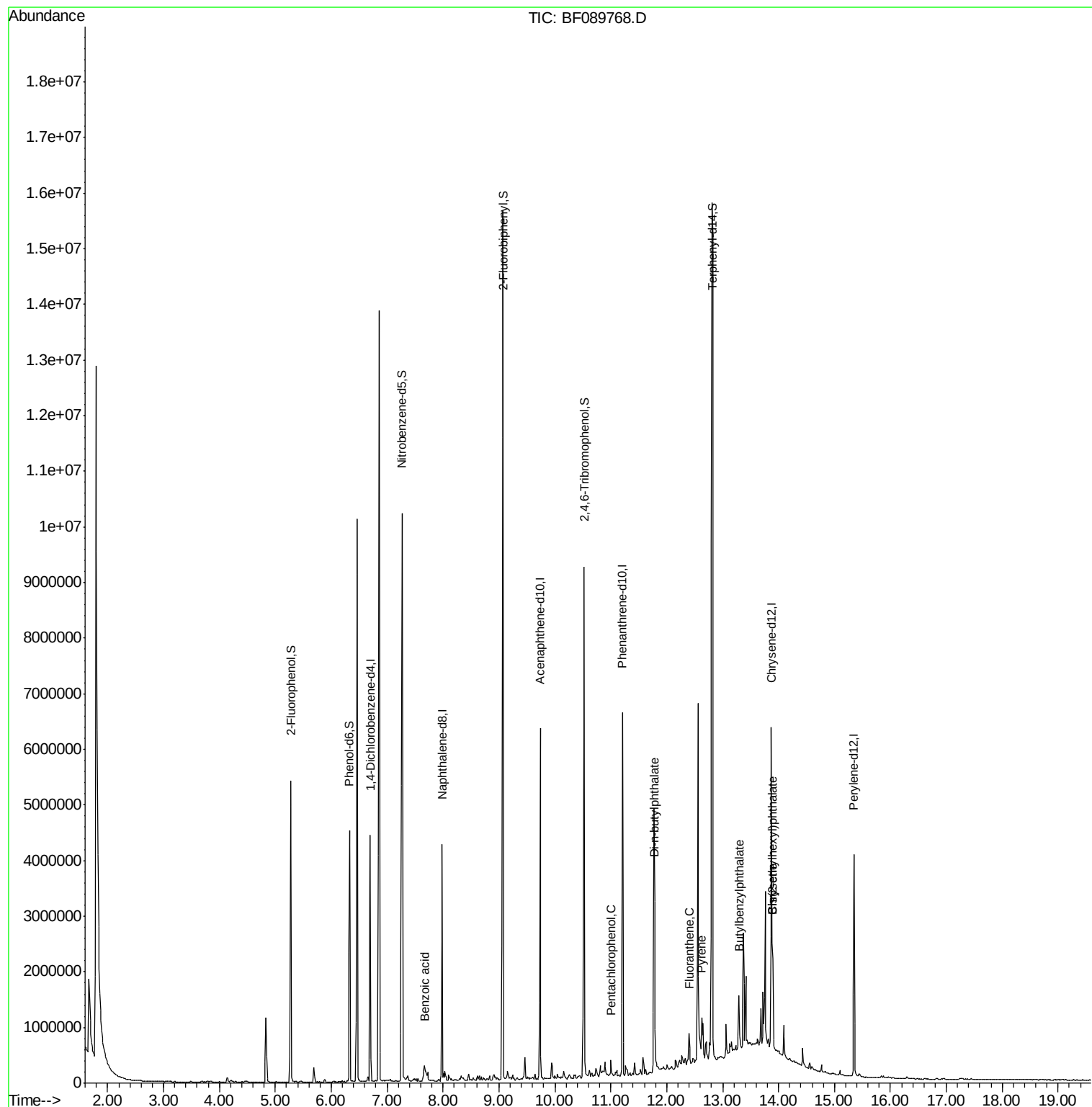
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089768.D
Acq On : 17 Aug 2016 17:40
Operator : UM/SJ
Sample : H4476-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

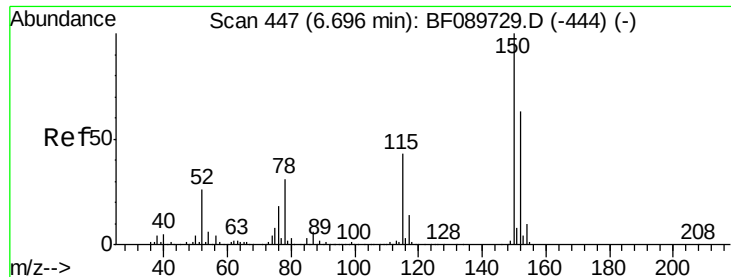
Instrument :
BNA_F
ClientSampleId :
LOCATION-19A

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Quant Time: Aug 17 18:55:51 2016
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#1

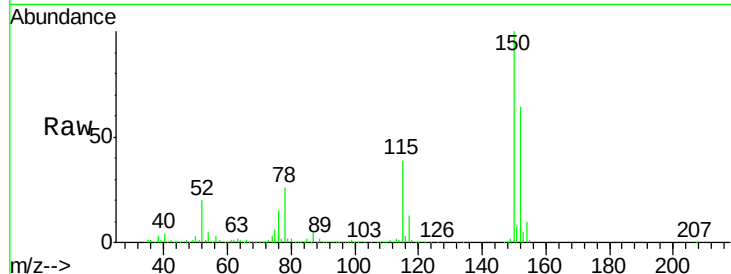
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089768.D
Acq: 17 Aug 2016 17:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-19A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.3	187.9
115	61.9	40.9	61.3

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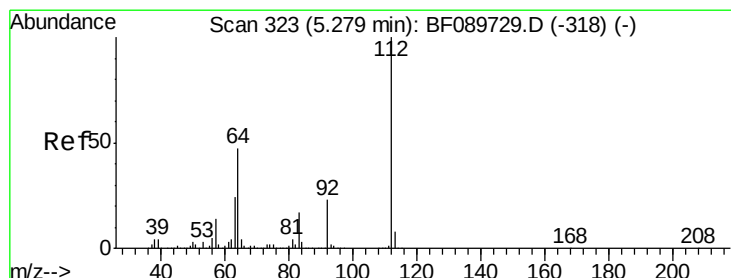
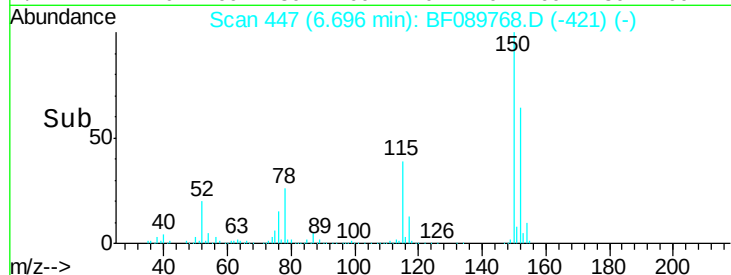
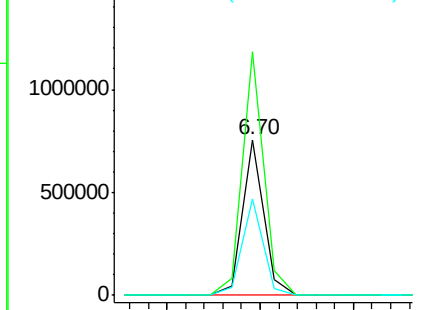


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

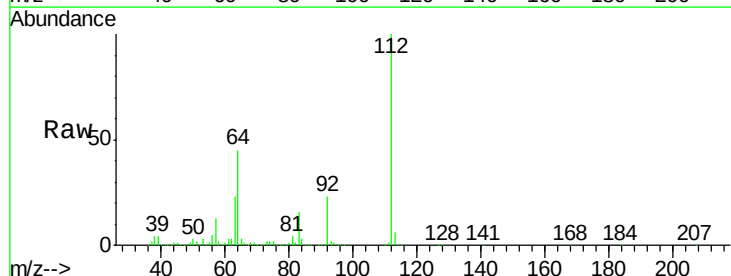
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.51 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089768.D
Acq: 17 Aug 2016 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.4	45.0	67.4
63	23.0	23.1	34.7

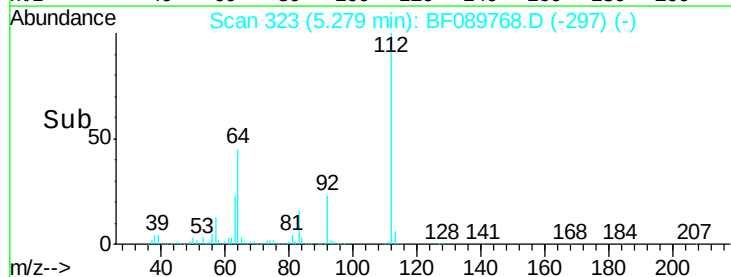
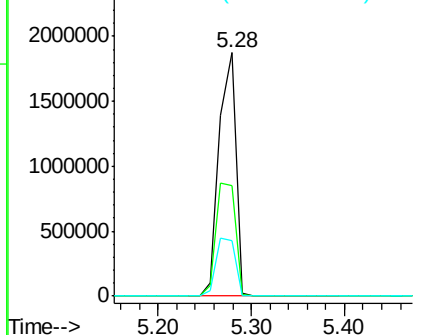


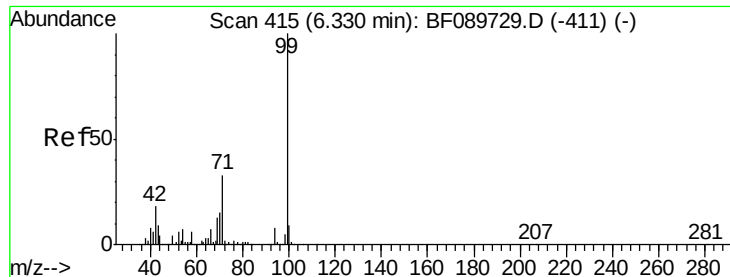
Abundance

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: 40.85 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-19A

Tot Ion: 99 Resp: 1884199

Ion Ratio Lower Upper

99 100

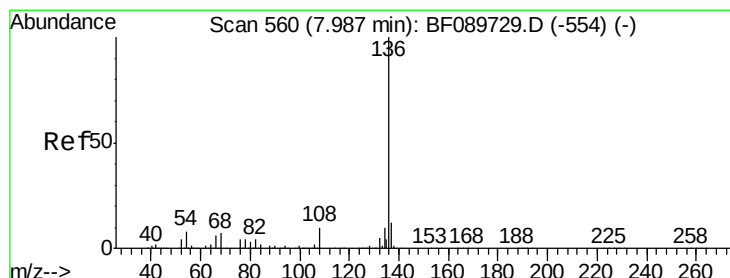
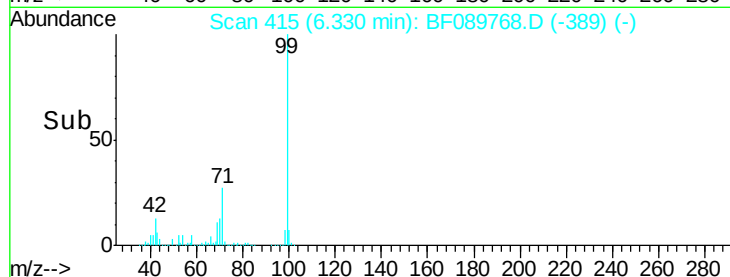
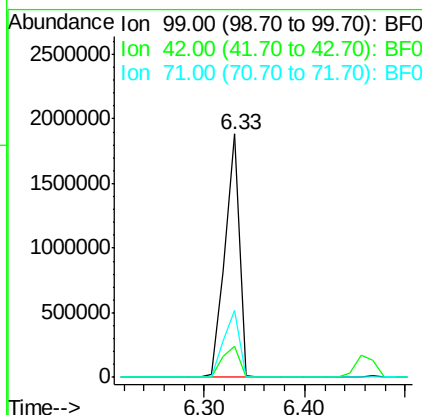
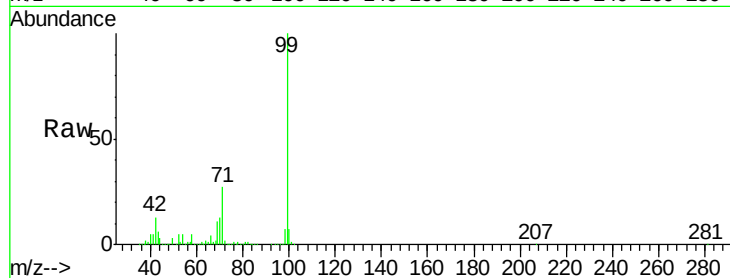
42 12.7 12.2 18.4

71 27.4 23.8 35.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Tgt Ion: 136 Resp: 2393859

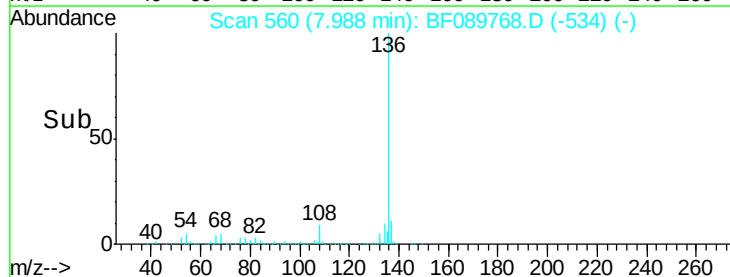
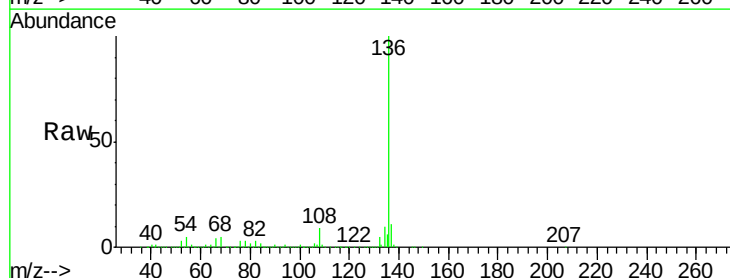
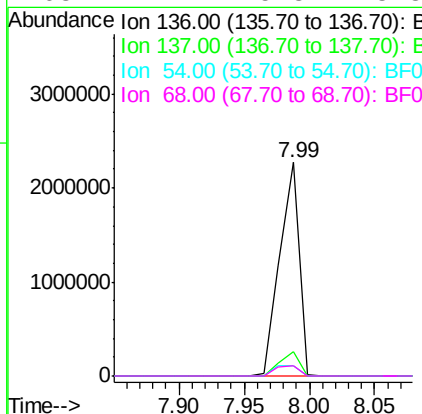
Ion Ratio Lower Upper

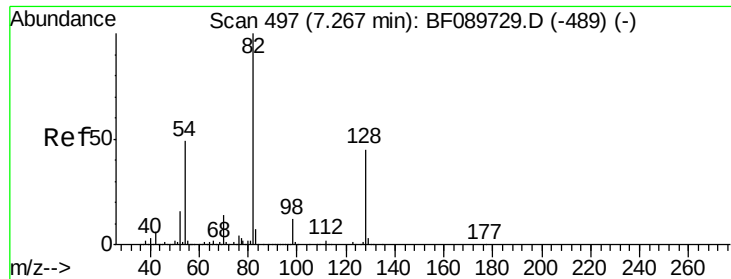
136 100

137 11.2 9.2 13.8

54 5.0 7.2 10.8#

68 4.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 100.12 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-19A

Tot Ion: 82 Resp: 3924976

Ion Ratio Lower Upper

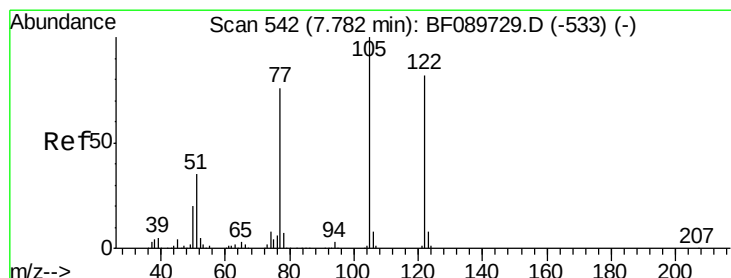
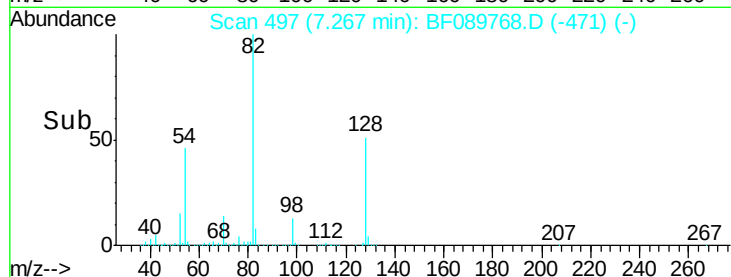
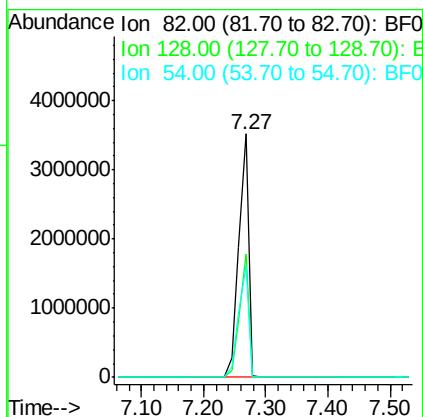
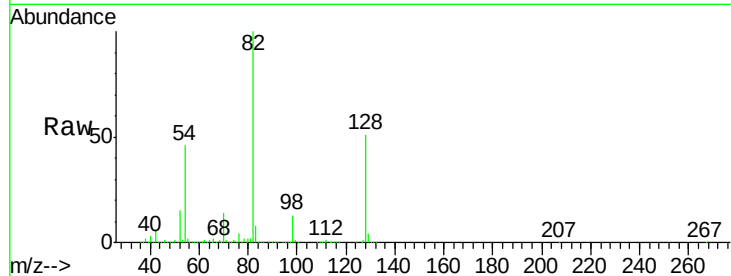
82 100

128 50.7 34.4 51.6

54 46.0 40.3 60.5

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#32

Benzoic acid

Concen: 5.22 ng m

RT: 7.67 min Scan# 532

Delta R.T. -0.11 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

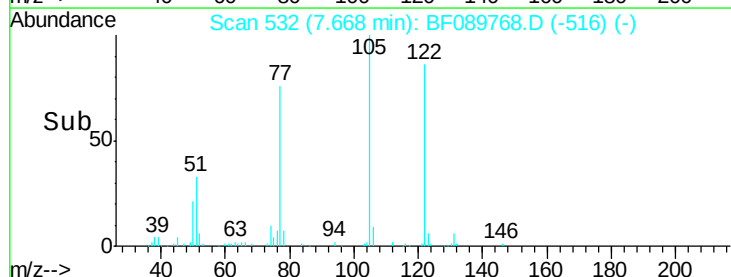
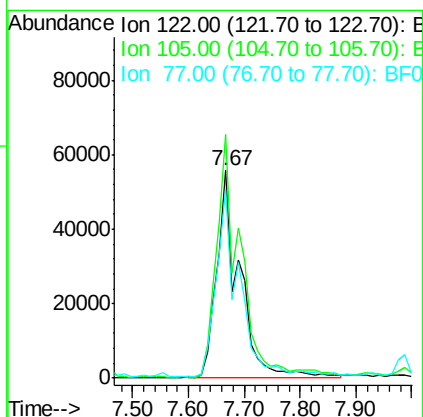
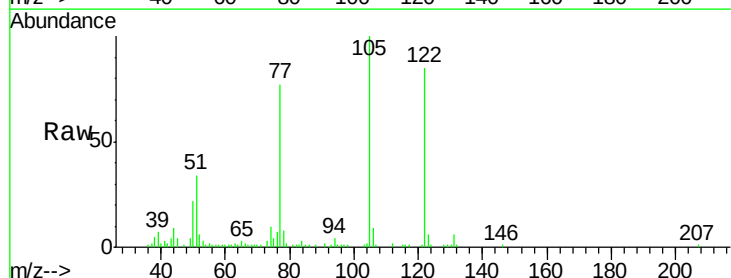
Tgt Ion:122 Resp: 159741

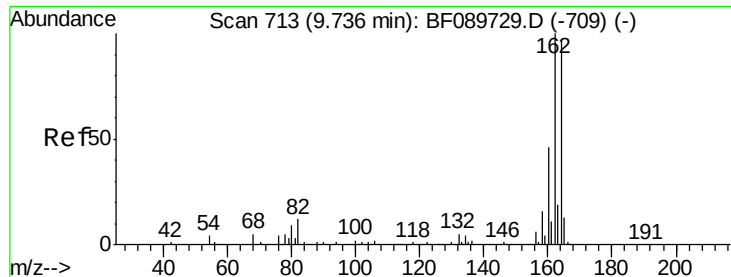
Ion Ratio Lower Upper

122 100

105 117.4 100.8 140.8

77 90.7 72.1 112.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-19A

Tot Ion:164 Resp: 1192348

Ion Ratio Lower Upper

164 100

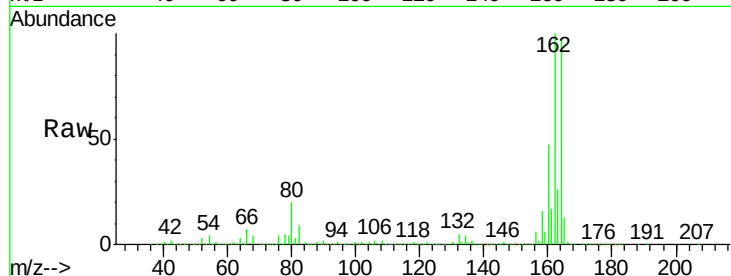
162 103.5 81.4 122.2

160 48.3 37.8 56.6

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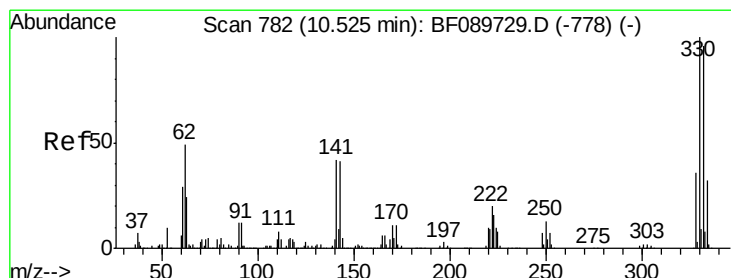
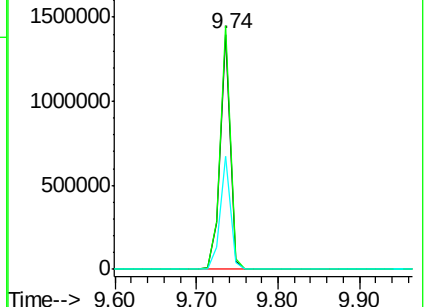
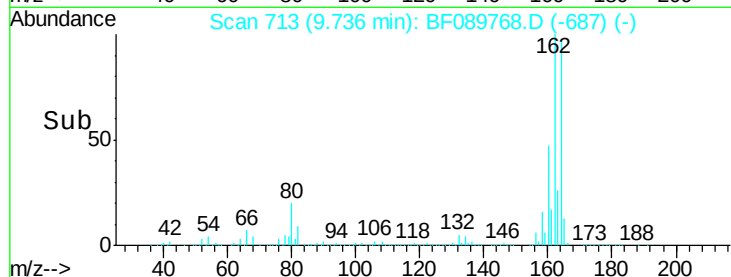
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 127.70 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

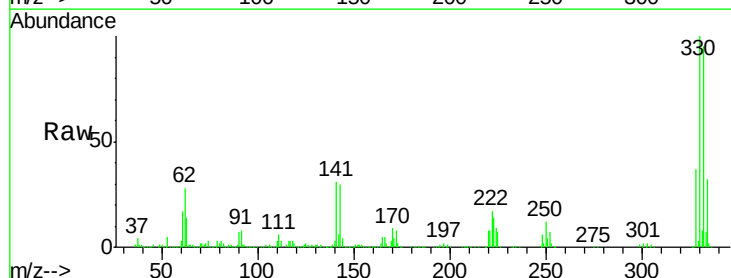
Tgt Ion:330 Resp: 1473079

Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

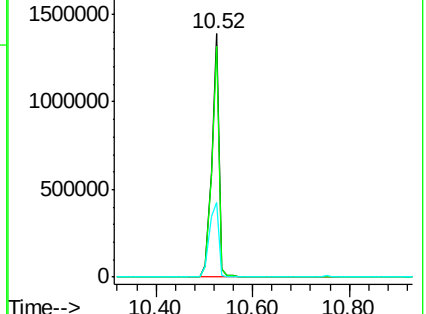
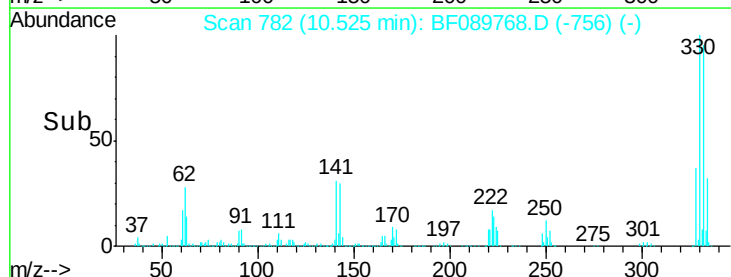
141 39.8 30.2 45.2

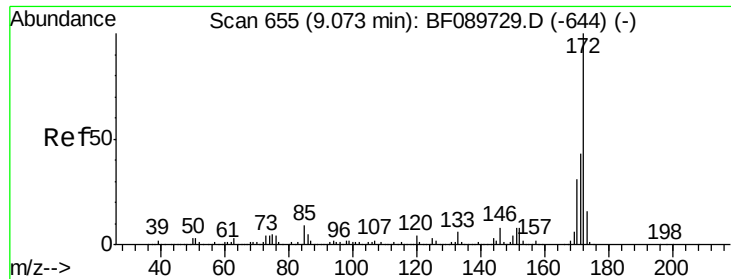


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





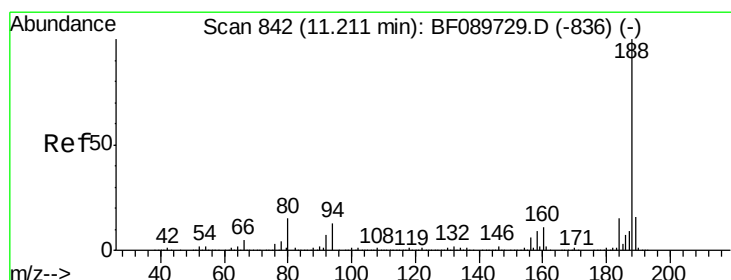
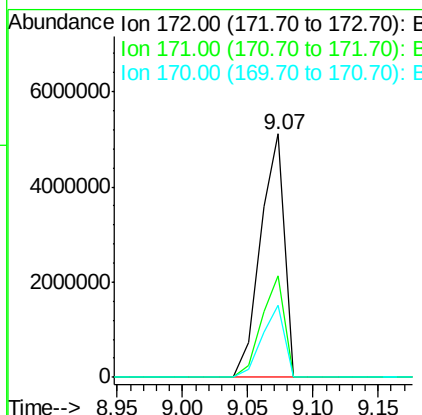
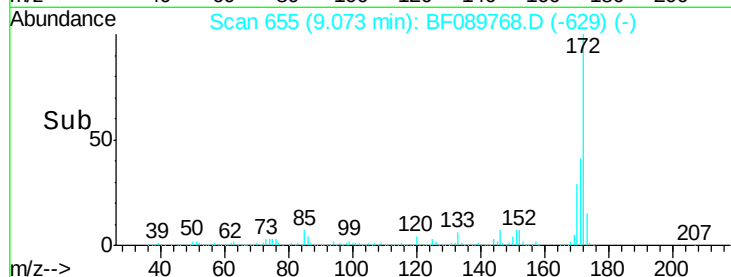
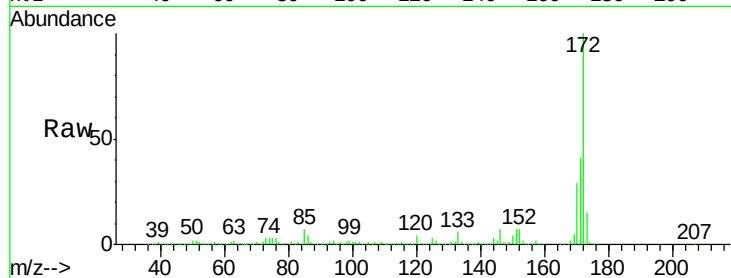
#44
2-Fluorobiphenyl
Concen: 87.48 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF089768.D
Acq: 17 Aug 2016 17:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-19A

Tot Ion:172 Resp: 6500752
Ion Ratio Lower Upper
172 100
171 41.5 30.5 45.7
170 29.4 20.6 31.0

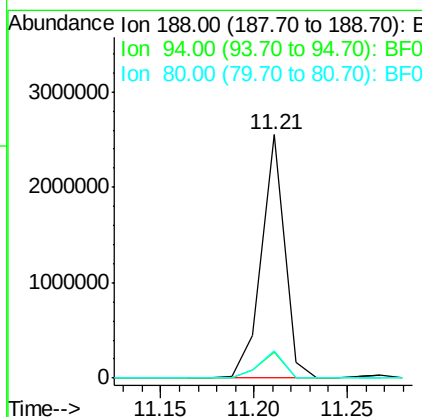
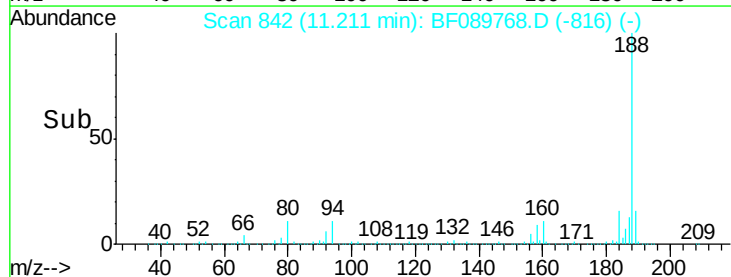
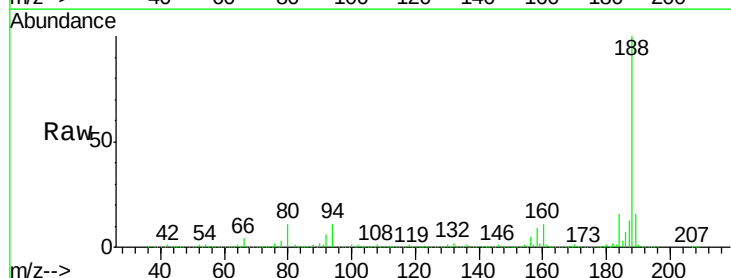
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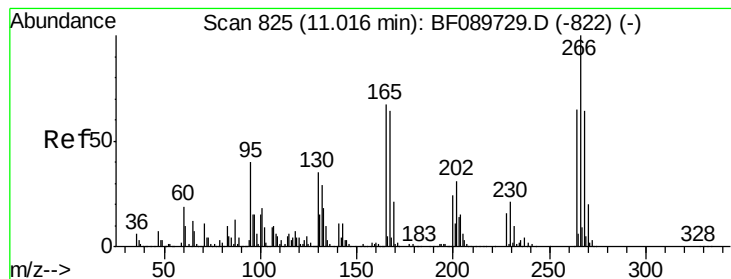
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089768.D
Acq: 17 Aug 2016 17:40

Tgt Ion:188 Resp: 2180056
Ion Ratio Lower Upper
188 100
94 10.7 10.2 15.2
80 11.0 10.9 16.3





#69

Pentachlorophenol

Concen: 2.29 ng

RT: 11.01 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Instrument :

BNA_F

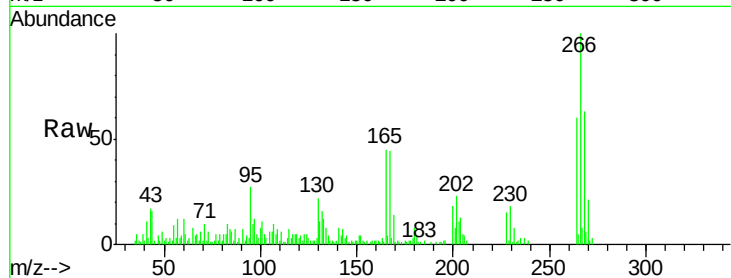
ClientSampleId :

LOCATION-19A

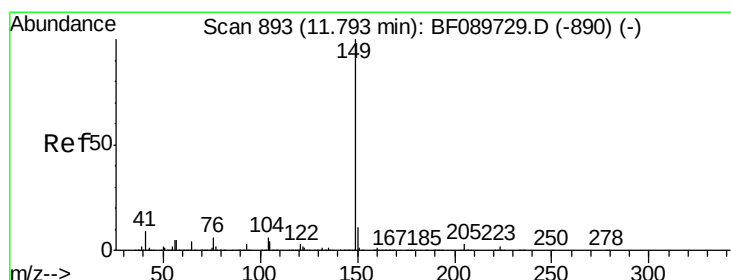
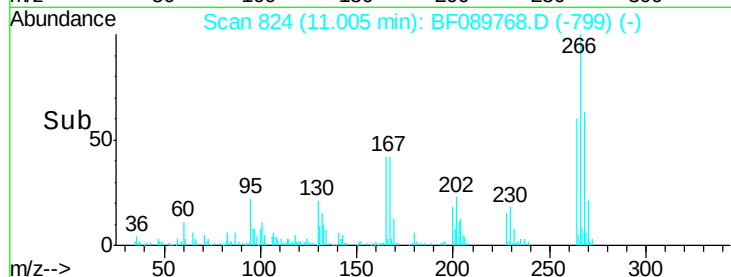
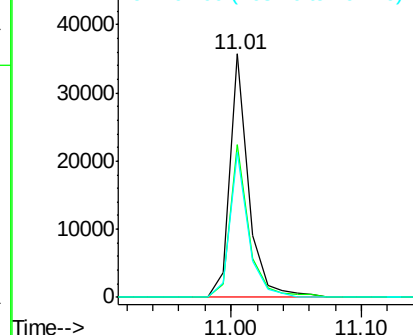
Tot Ion:	266	Resp:	35791
Ion Ratio	Lower	Upper	
266	100		
268	63.0	53.2	79.8
264	59.8	51.1	76.7

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#73

Di-n-butylphthalate

Concen: 8.09 ng

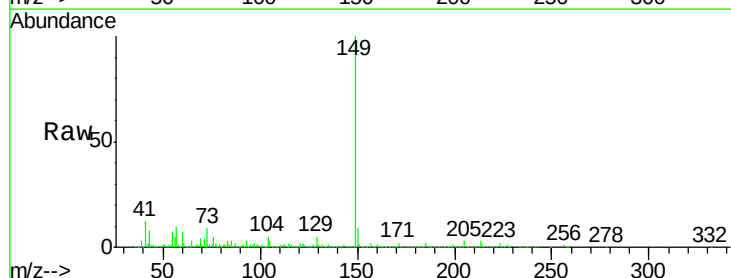
RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

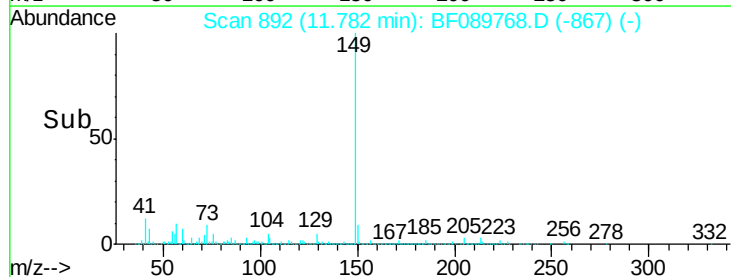
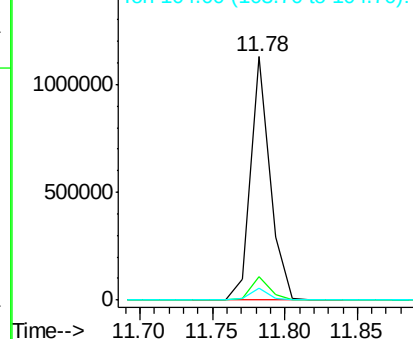
Lab File: BF089768.D

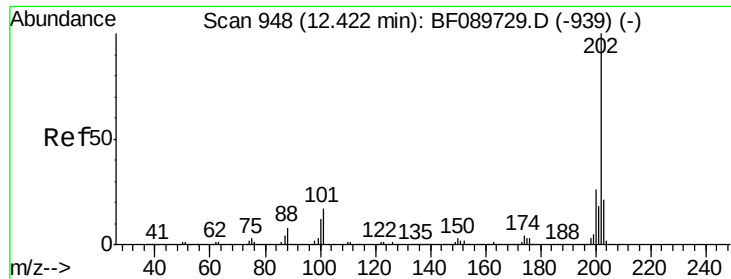
Acq: 17 Aug 2016 17:40

Tgt Ion:	149	Resp:	1044156
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.9	11.9
104	4.9	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.79 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Instrument :

BNA_F

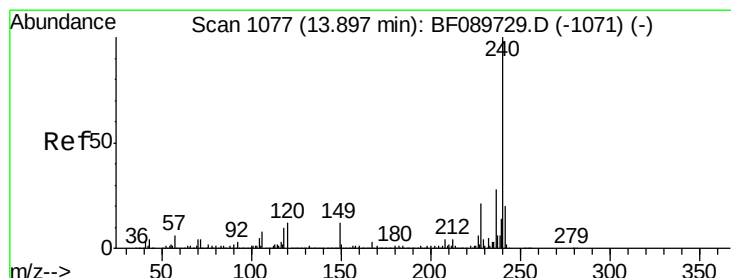
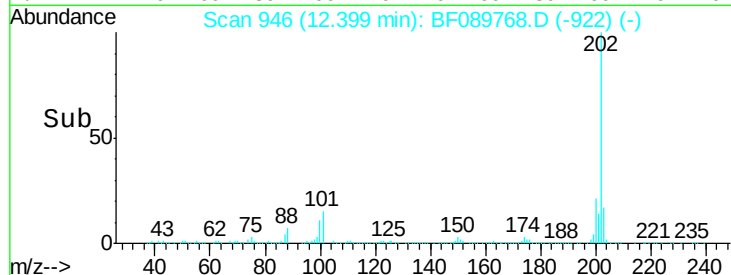
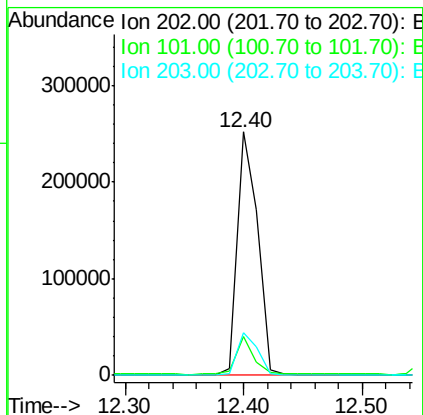
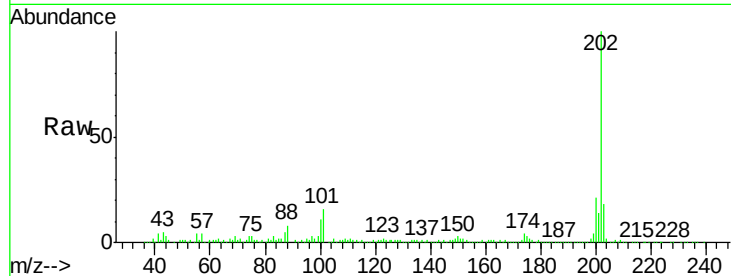
ClientSampleId :

LOCATION-19A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	300545		
101	15.7	0.0	31.2	
203	17.6	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

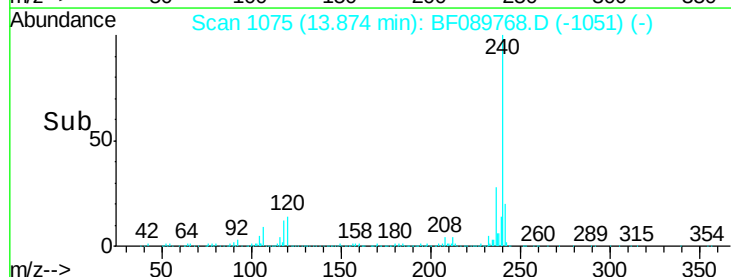
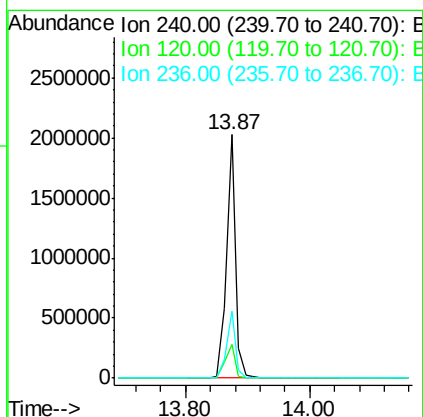
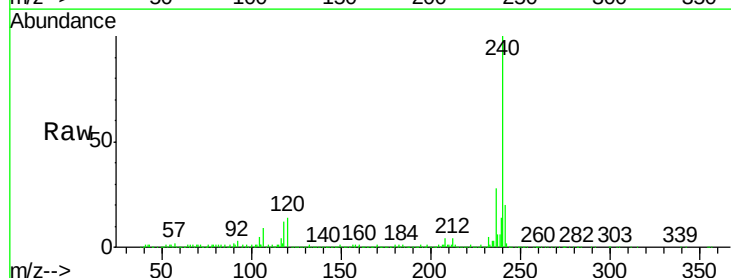
RT: 13.87 min Scan# 1075

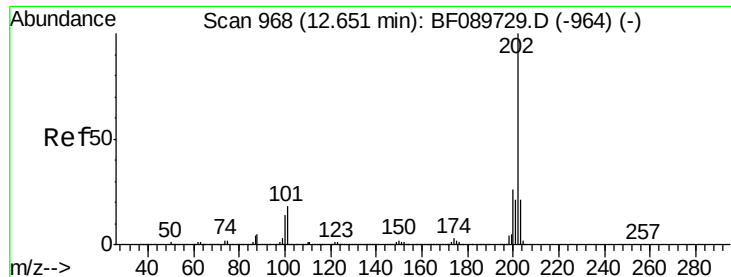
Delta R.T. -0.02 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	2014586		
120	13.7	8.3	12.5#	
236	27.7	21.3	31.9	





#77

Pvrene

Concen: 2.13 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Instrument :

BNA_F

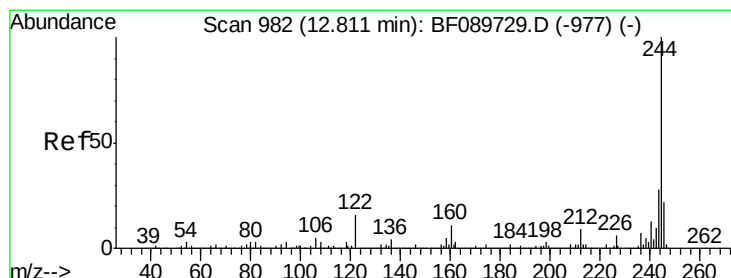
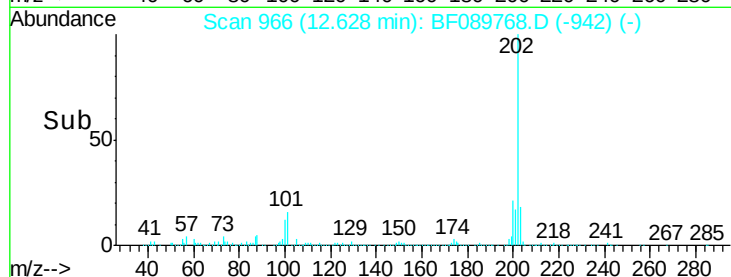
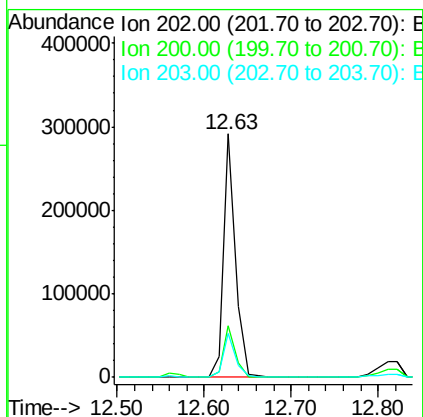
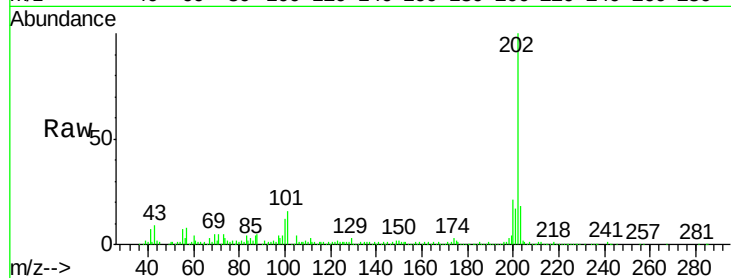
ClientSampleId :

LOCATION-19A

Tot Ion:	202	Resp:	281415
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	18.0	14.2	21.4

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#78

Terphenyl-d14

Concen: 129.22 ng

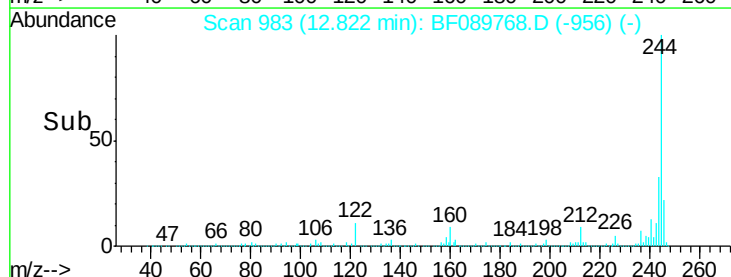
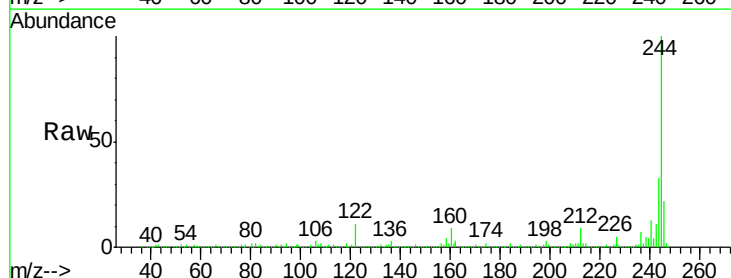
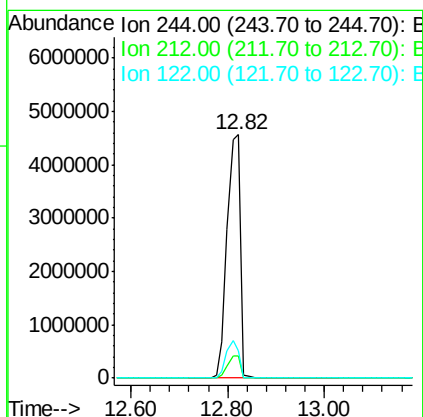
RT: 12.82 min Scan# 983

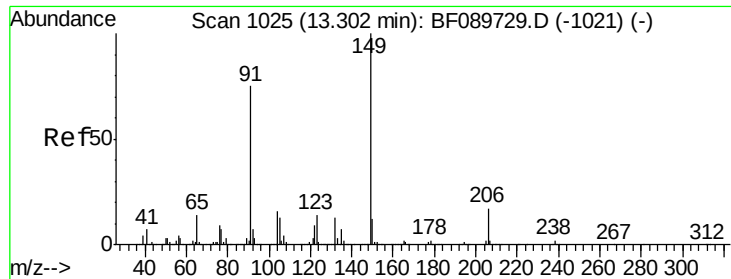
Delta R.T. 0.01 min

Lab File: BF089768.D

Acq: 17 Aug 2016 17:40

Tgt Ion:	244	Resp:	8713826
Ion Ratio	Lower	Upper	
244	100		
212	9.0	6.3	9.5
122	11.4	12.0	18.0#





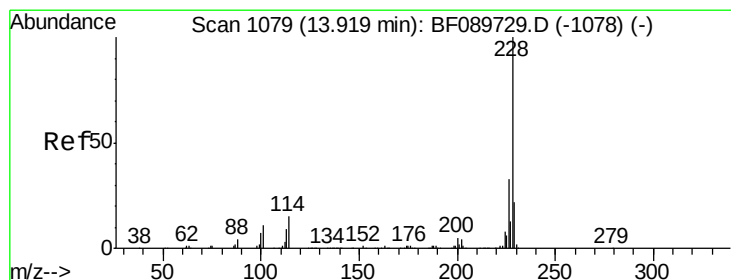
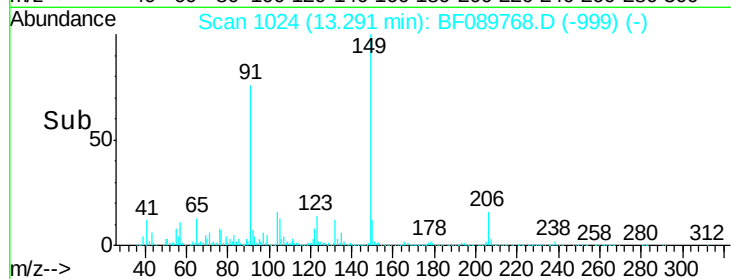
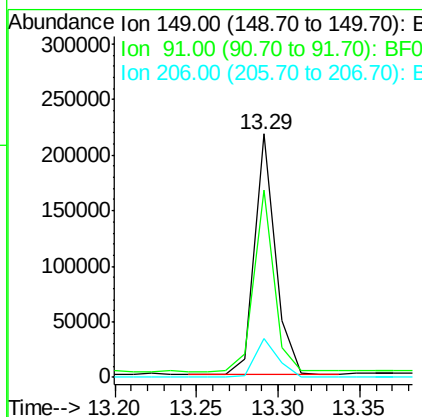
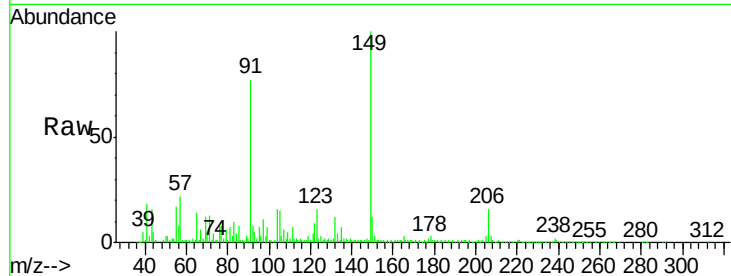
#79
Butylbenzylphthalate
Concen: 2.95 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF089768.D
Acq: 17 Aug 2016 17:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-19A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		195005		
91	76.9	50.7	76.1#		
206	15.9	15.5	23.3		

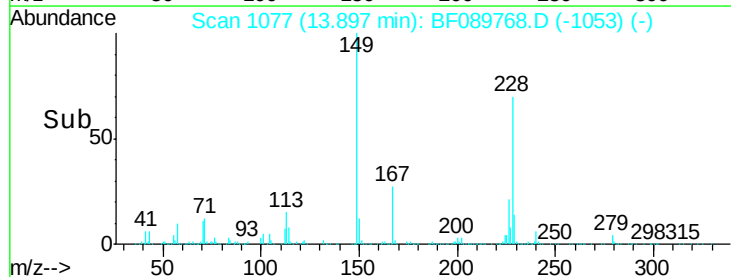
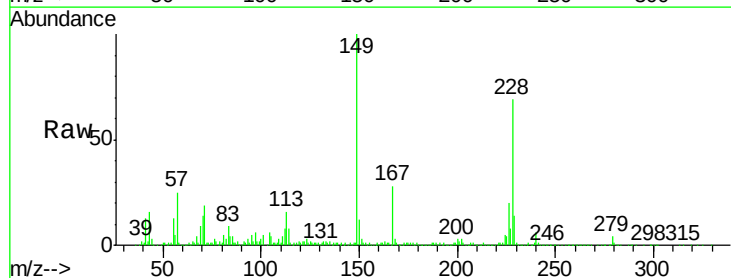
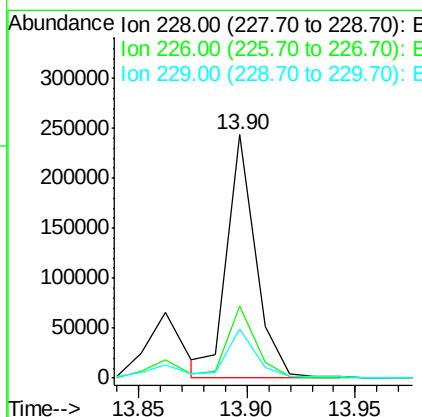
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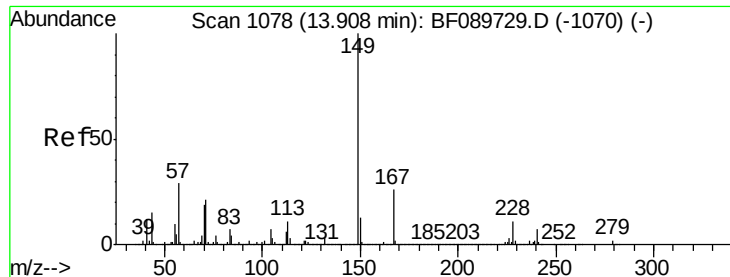
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#82
Chrysene
Concen: 2.13 ng m
RT: 13.90 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF089768.D
Acq: 17 Aug 2016 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		224839		
226	29.5	25.4	38.0		
229	20.0	16.5	24.7		





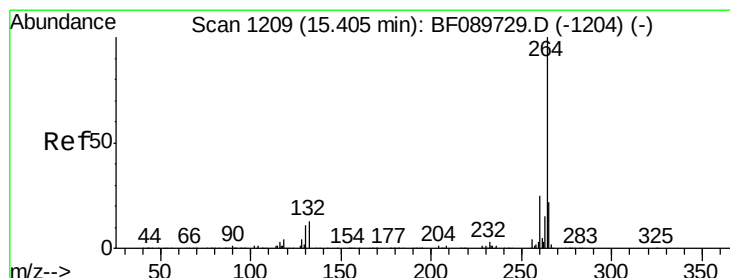
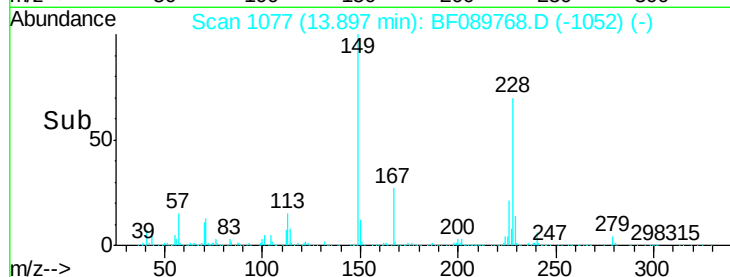
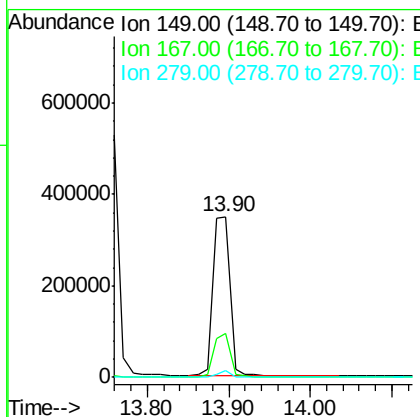
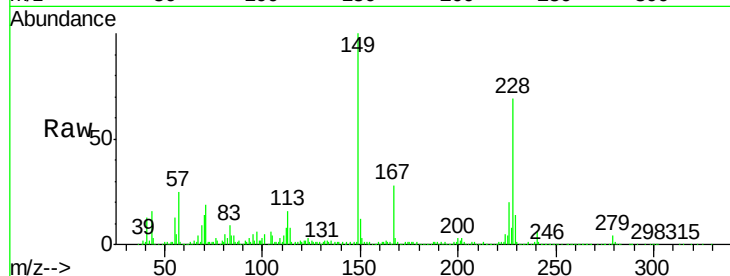
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.77 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF089768.D
 Acq: 17 Aug 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-19A

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.2	31.8
279	4.1	2.9	4.3

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.06 min
 Lab File: BF089768.D
 Acq: 17 Aug 2016 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.4	17.4	26.2

