

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086269.D
 Acq On : 16 Apr 2016 16:45
 Operator : UM/SJ
 Sample : H2413-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-1(0-2)

Manual Integrations
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Quant Time: Apr 18 05:47:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283485	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1126215	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	444394	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	687636	20.00	ng	0.00
75) Chrysene-d12	14.04	240	510414	20.00	ng	-0.01
86) Perylene-d12	15.48	264	529925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1897941	109.70	ng	0.01
7) Phenol-d6	6.52	99	2243150	103.65	ng	0.00
23) Nitrobenzene-d5	7.46	82	1645549	84.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	377347	105.75	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2202885	91.47	ng	-0.01
78) Terphenyl-d14	13.00	244	1316437	64.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	347282	10.75	ng	99
77) Pyrene	12.85	202	87264	2.23	ng	96
80) Benzo(a)anthracene	14.03	228	57057	2.04	ng	97
87) Benzo(b)fluoranthene	15.07	252	80581m	2.46	ng	

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

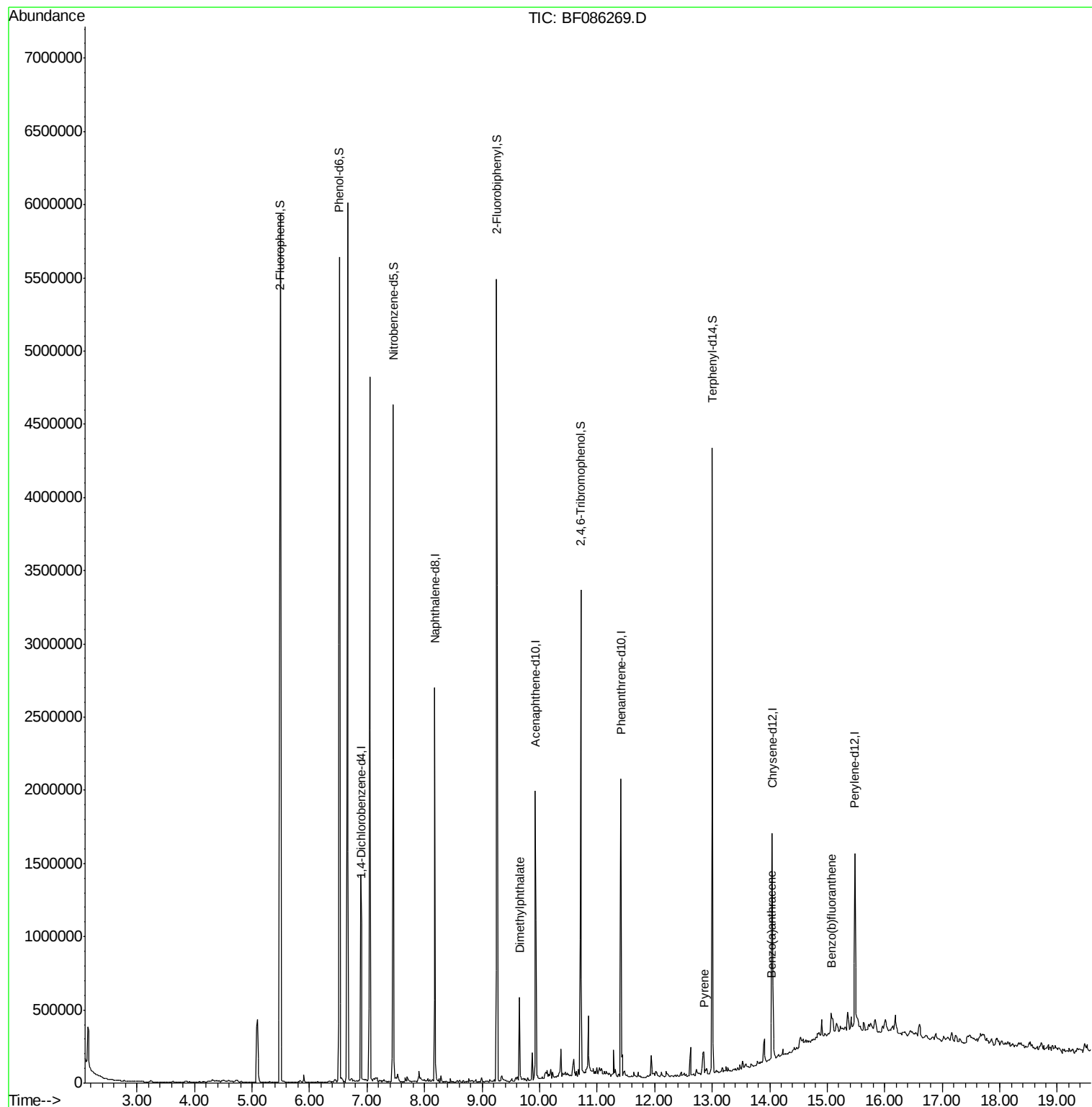
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

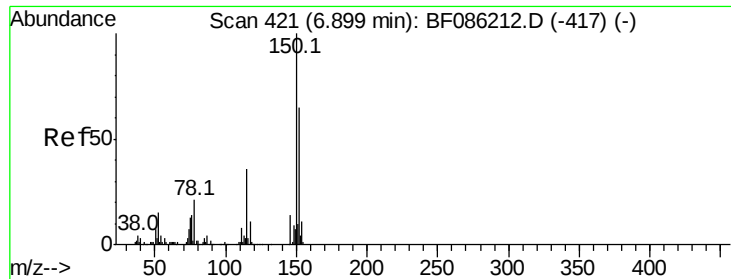
Instrument :
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ClientSampleId :
SP-2-A-1(0-2)

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#1

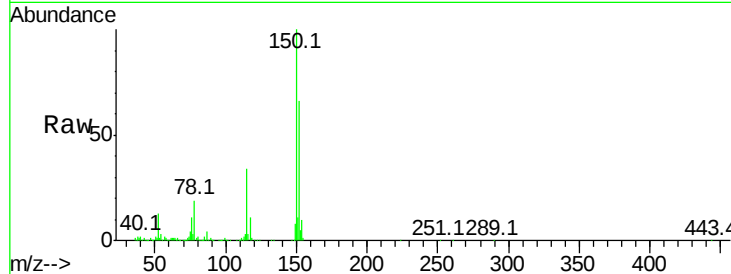
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

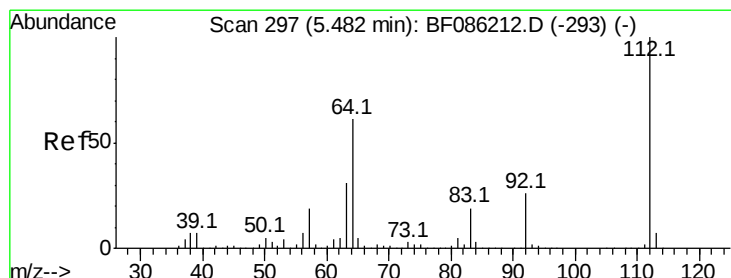
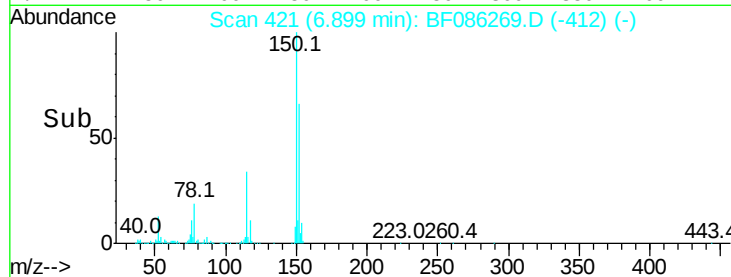
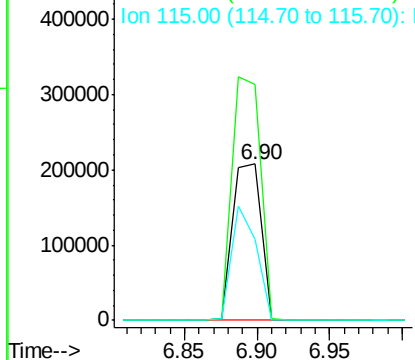
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.1	186.1
115	52.1	43.9	65.9

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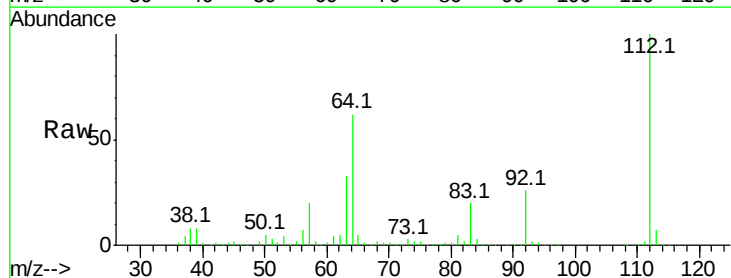
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



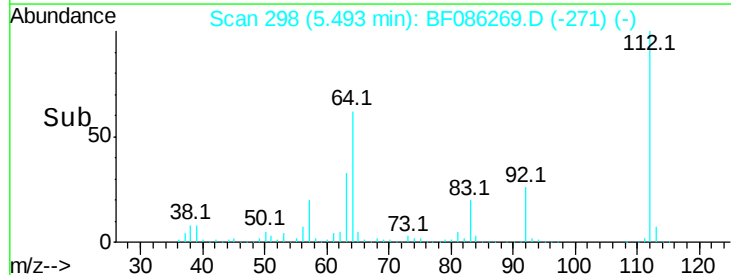
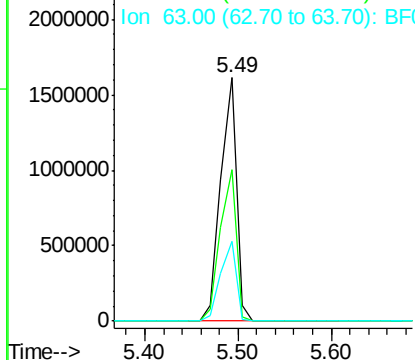
#5

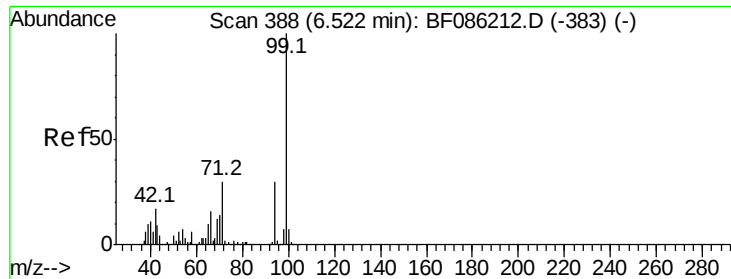
2-Fluorophenol
Concen: 109.70 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.1	72.1
63	32.7	25.5	38.3



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: 103.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Instrument :

BNA_F

ClientSampleId :

SP-2-A-1(0-2)

Tot Ion: 99 Resp: 2243150

Ion Ratio Lower Upper

99 100

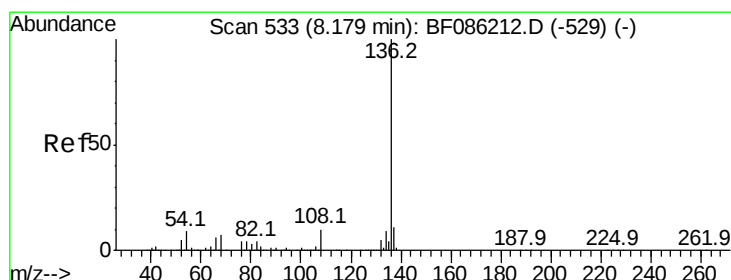
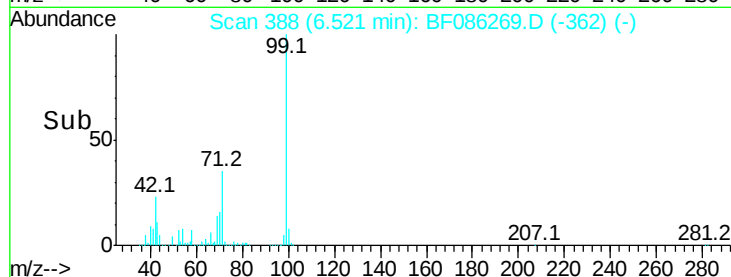
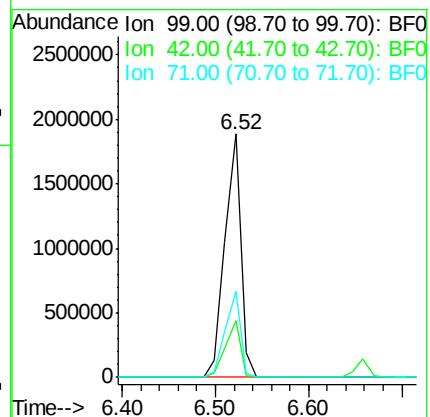
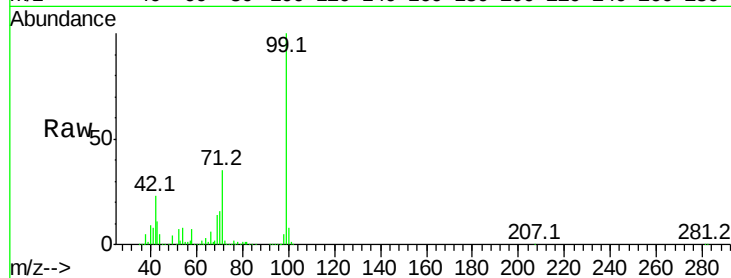
42 23.1 15.4 23.2

71 35.2 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Tgt Ion: 136 Resp: 1126215

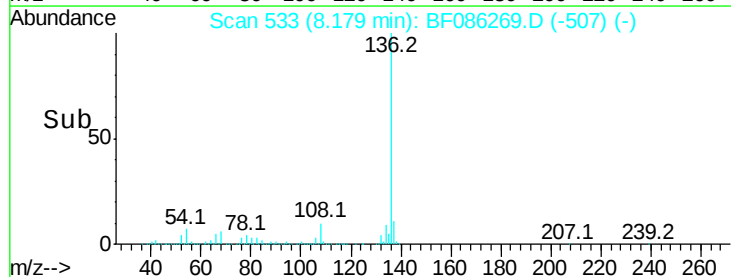
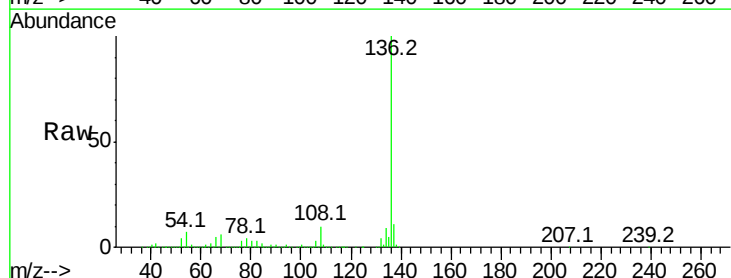
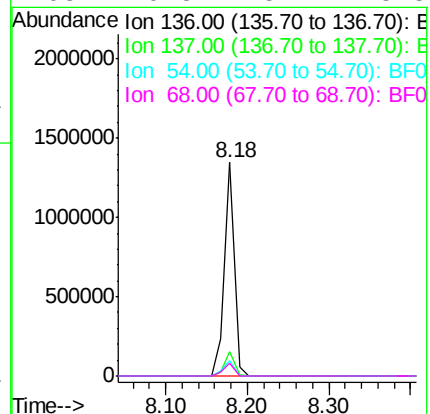
Ion Ratio Lower Upper

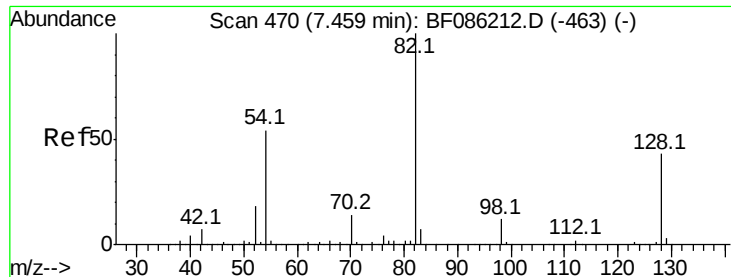
136 100

137 11.2 9.1 13.7

54 7.4 7.3 10.9

68 6.3 5.7 8.5





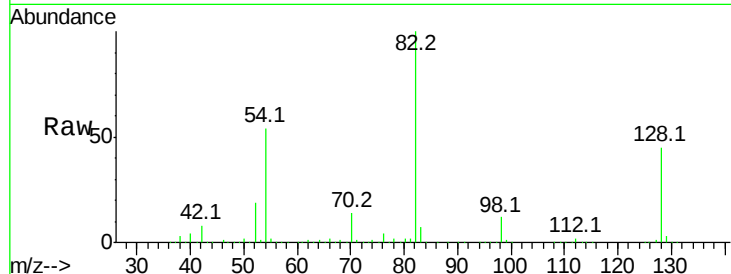
#23
 Nitrobenzene-d5
 Concen: 84.27 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086269.D
 Acq: 16 Apr 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-1(0-2)

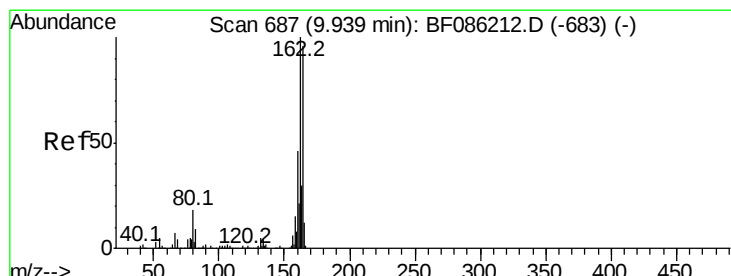
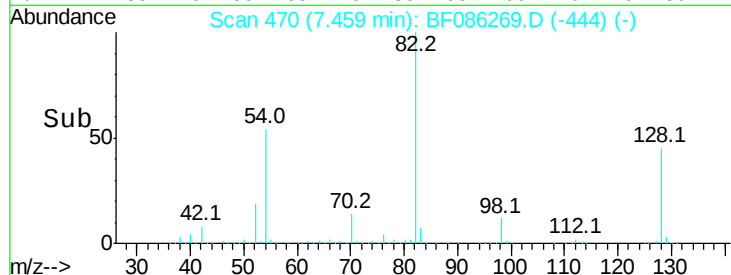
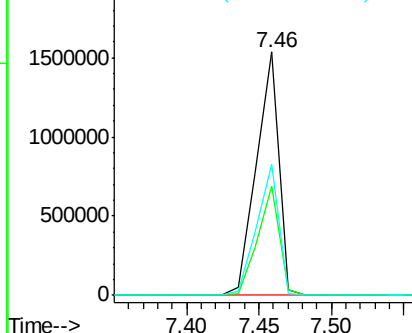
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.4	53.2
54	53.7	43.4	65.0

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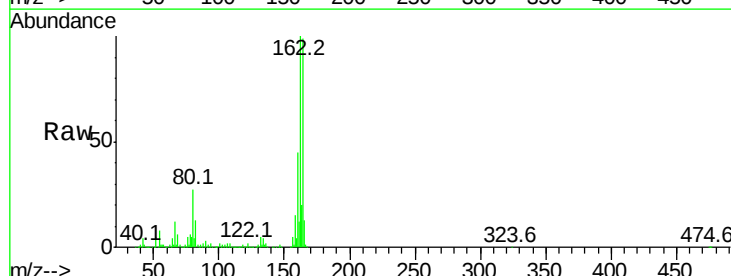


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

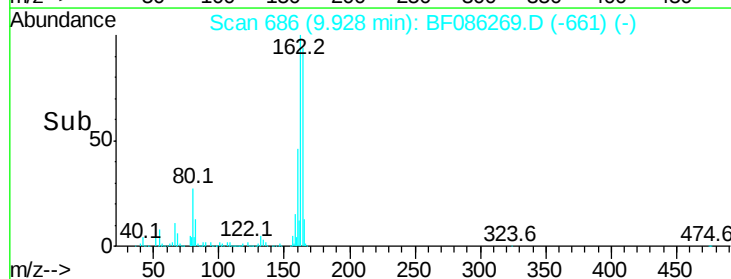
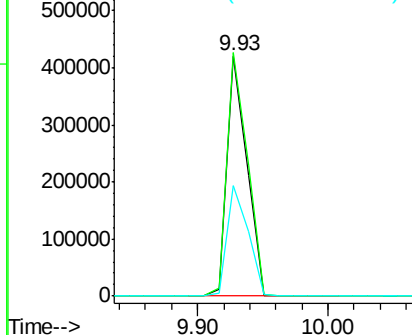


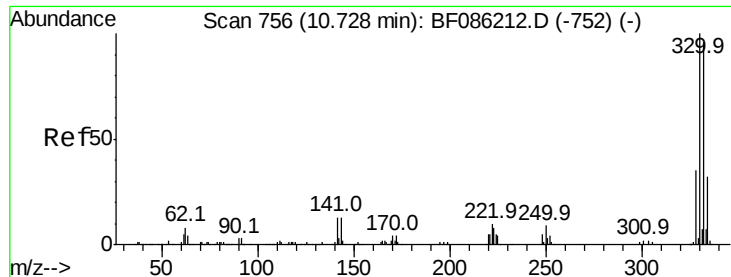
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086269.D
 Acq: 16 Apr 2016 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	46.1	38.9	58.3



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





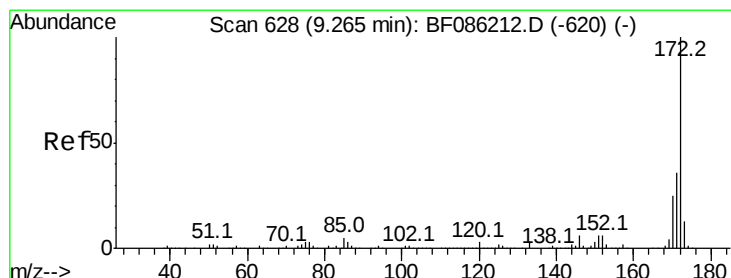
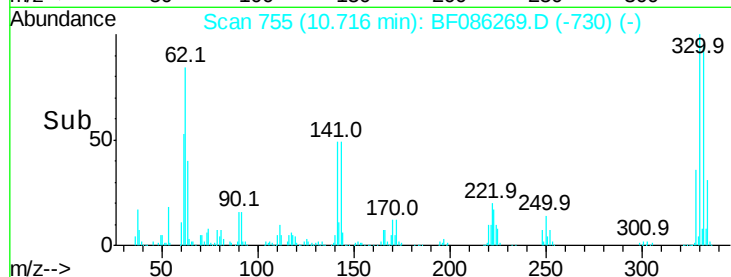
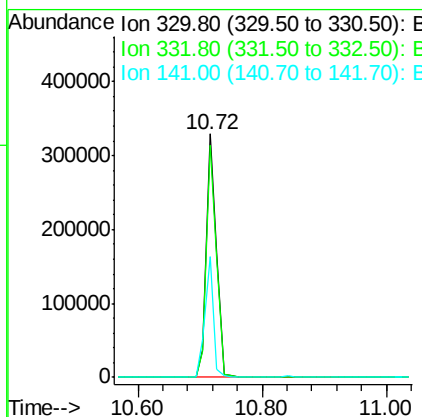
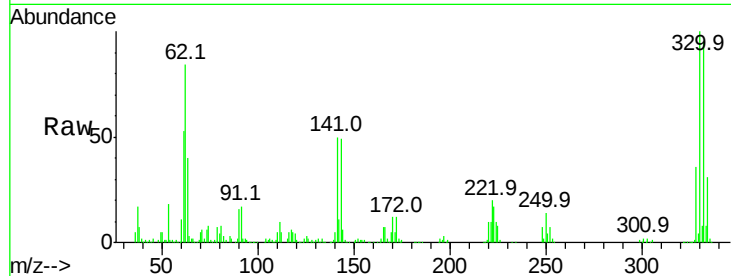
#41
 2,4,6-Tribromophenol
 Concen: 105.75 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086269.D
 Acq: 16 Apr 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-1(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	377347		
332	95.0	78.7	118.1	
141	41.4	28.6	42.8	

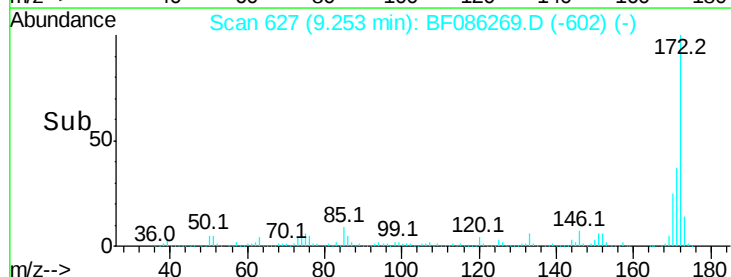
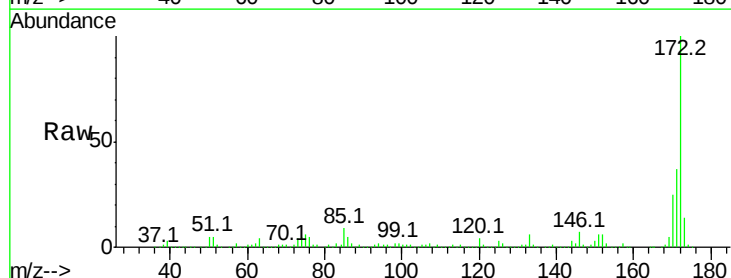
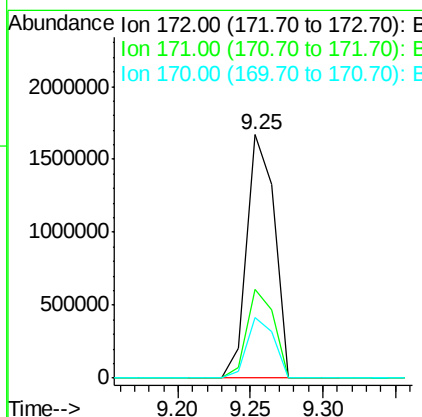
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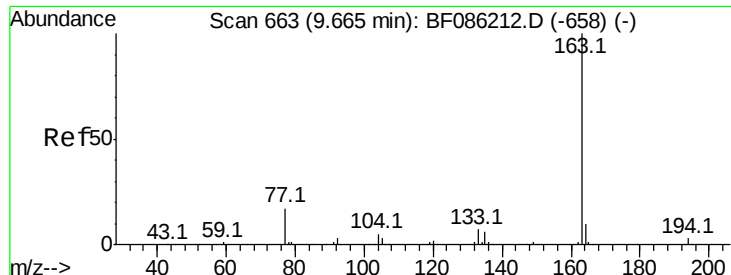
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#44
 2-Fluorobiphenyl
 Concen: 91.47 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086269.D
 Acq: 16 Apr 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2202885		
171	36.5	29.1	43.7	
170	24.9	19.9	29.9	





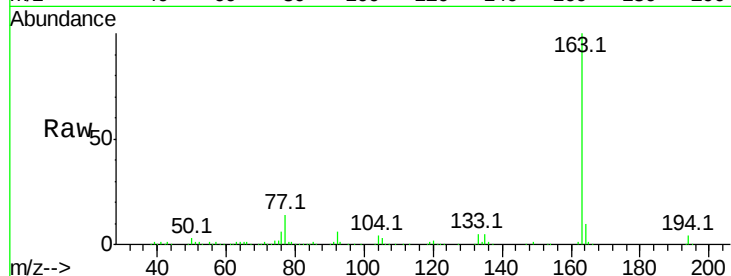
#49
Dimethylphthalate
Concen: 10.75 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

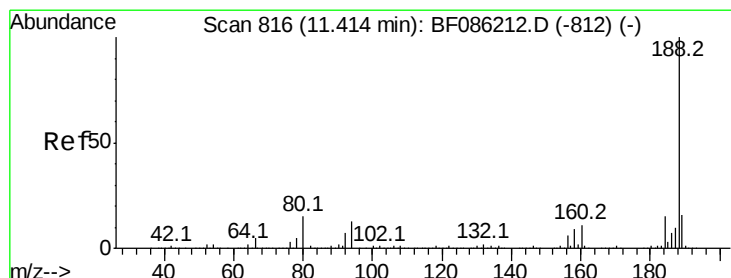
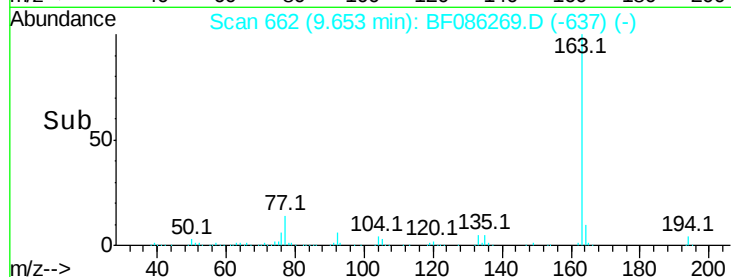
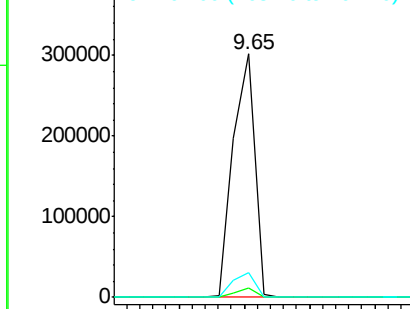
Tot Ion	Ratio	Resp	Lower	Upper
163	100	347282		
194	3.6		2.8	4.2
164	10.0		8.4	12.6

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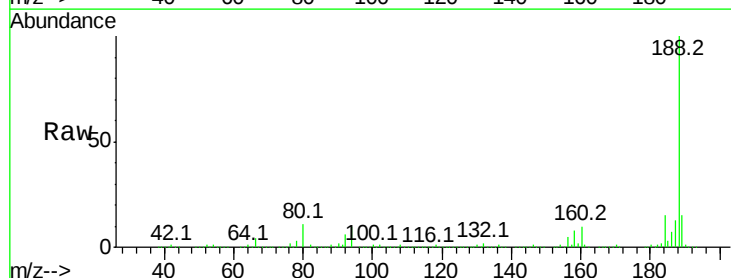


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

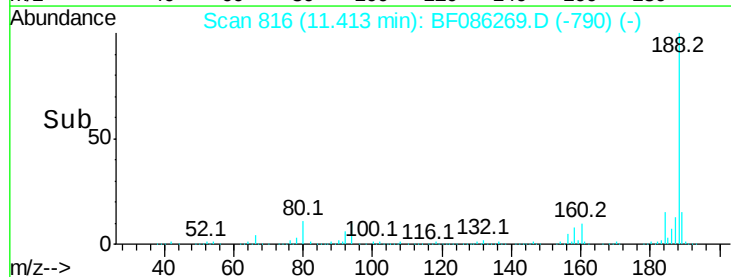
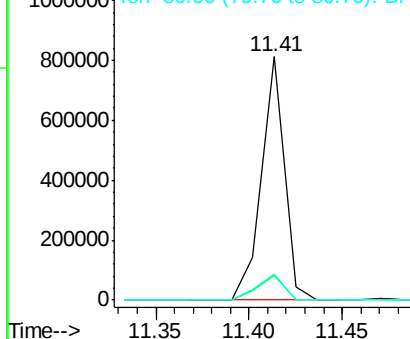


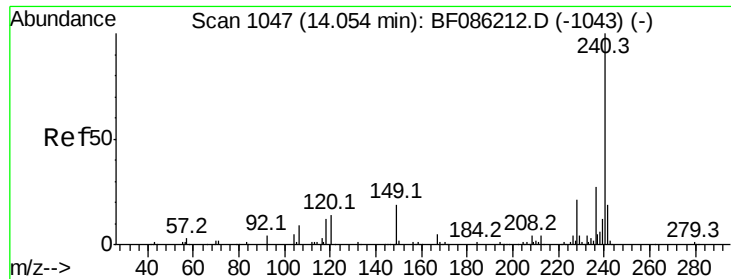
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	687636		
94	10.3		9.8	14.8
80	10.9		10.5	15.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Instrument :

BNA_F

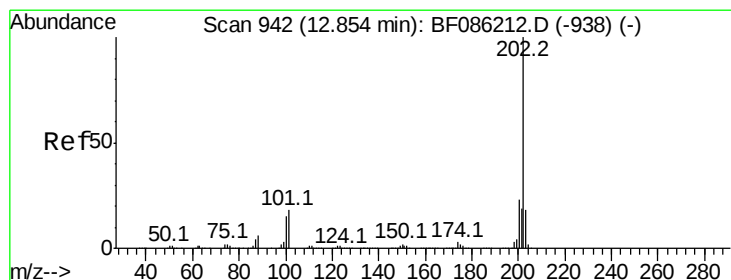
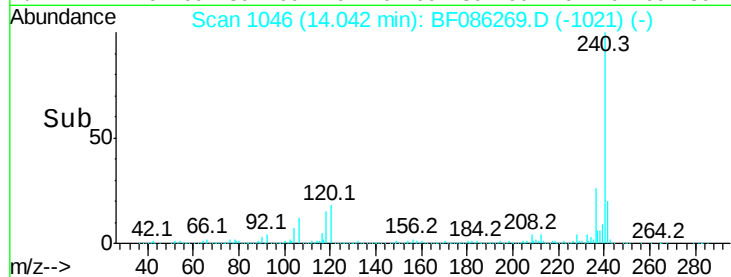
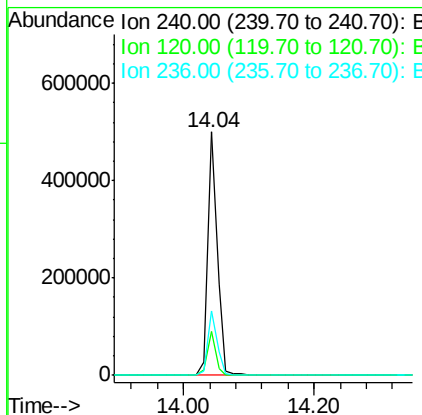
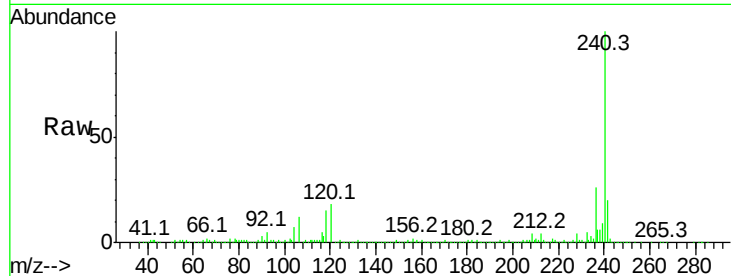
ClientSampleId :

SP-2-A-1(0-2)

Tot Ion:	240	Resp:	510414
Ion Ratio	Lower	Upper	
240	100		
120	17.9	9.3	13.9#
236	26.5	21.1	31.7

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#77

Pyrene

Concen: 2.23 ng

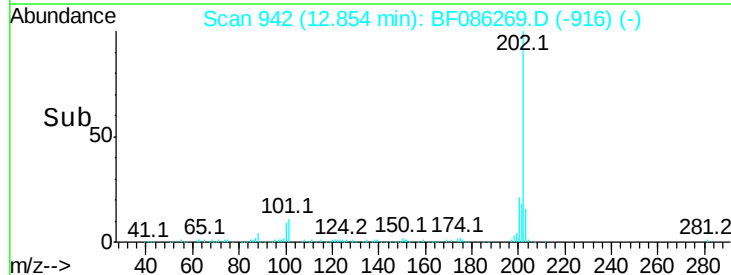
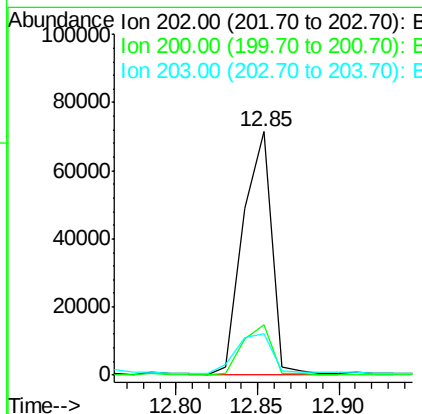
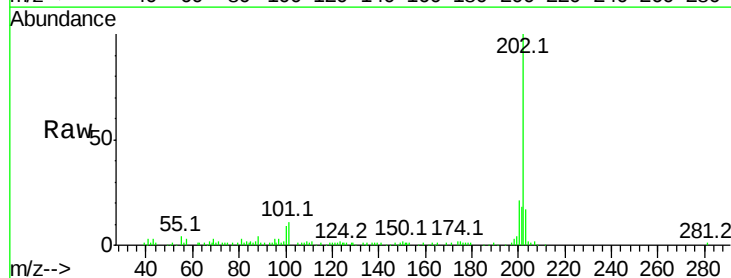
RT: 12.85 min Scan# 942

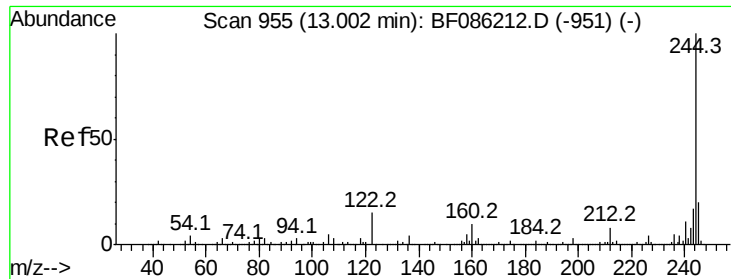
Delta R.T. -0.00 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Tgt Ion:	202	Resp:	87264
Ion Ratio	Lower	Upper	
202	100		
200	20.6	18.3	27.5
203	17.1	14.9	22.3





#78

Terphenyl-d14

Concen: 64.85 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Instrument :

BNA_F

ClientSampleId :

SP-2-A-1(0-2)

Tot Ion:244 Resp: 1316437

Ion Ratio Lower Upper

244 100

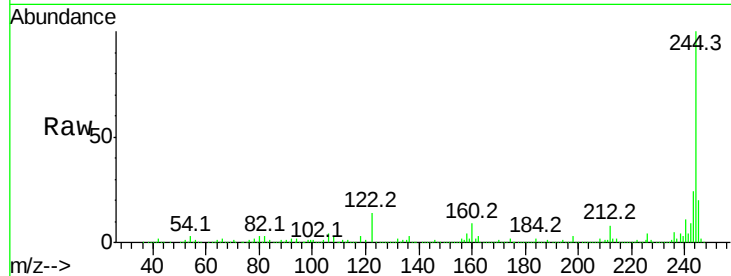
212 7.7 6.4 9.6

122 13.8 11.7 17.5

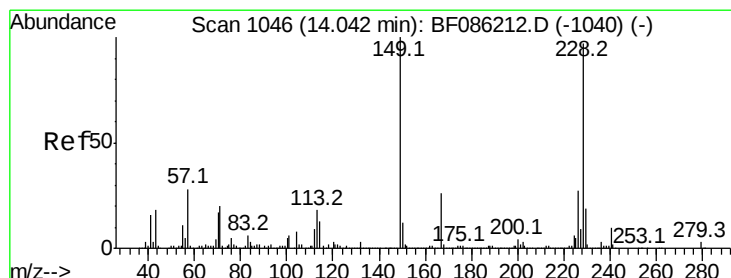
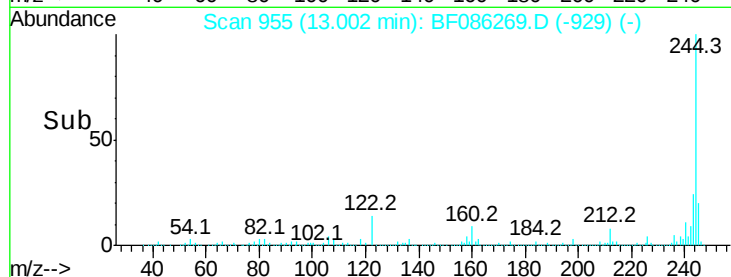
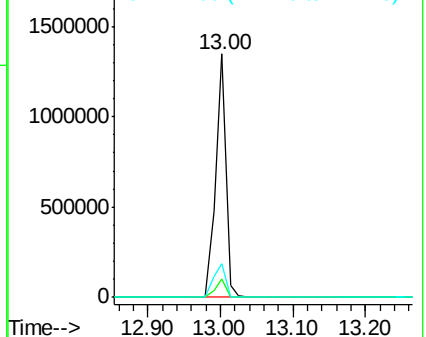
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.04 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

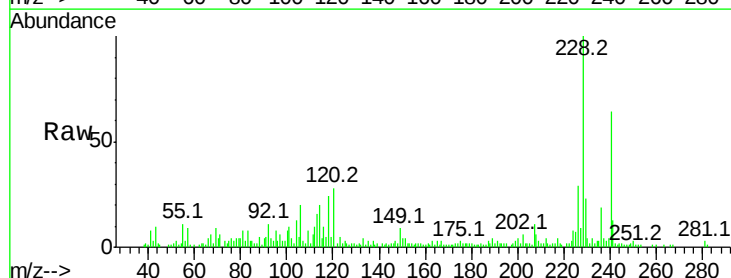
Tgt Ion:228 Resp: 57057

Ion Ratio Lower Upper

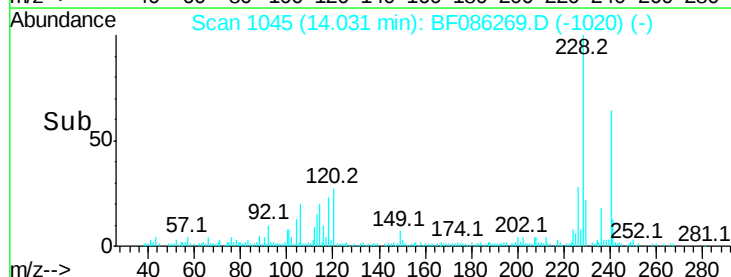
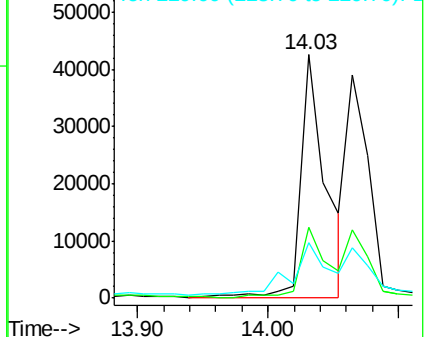
228 100

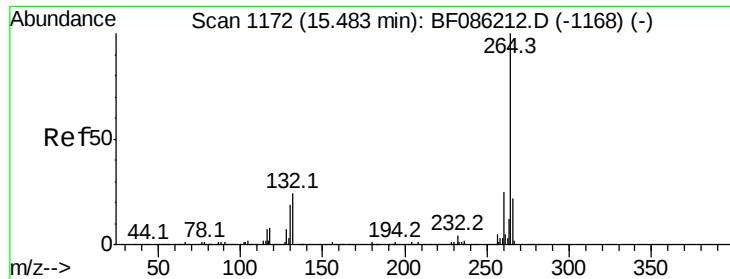
226 29.1 22.5 33.7

229 22.6 16.2 24.2



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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Instrument :

BNA_F

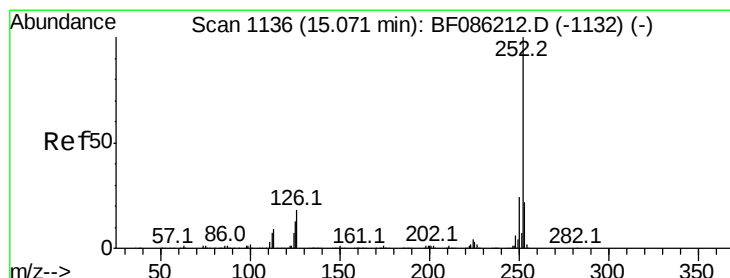
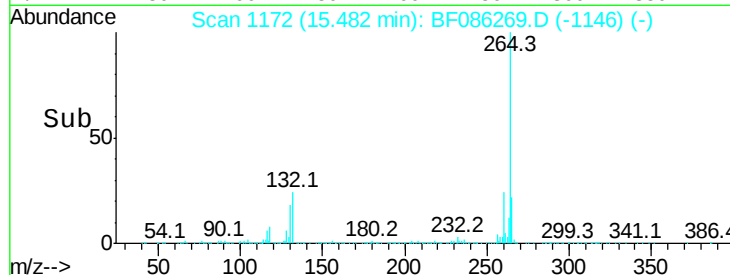
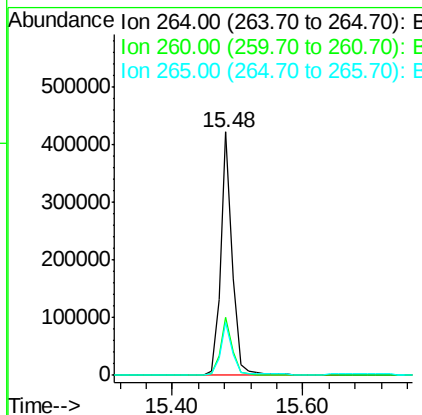
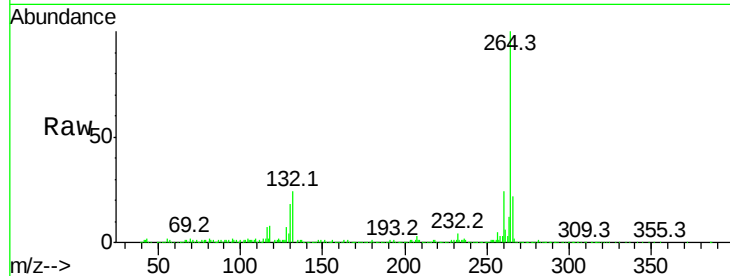
ClientSampleId :

SP-2-A-1(0-2)

Tot Ion:	264	Resp:	529925
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.0	30.0
265	22.0	17.4	26.0

Manual Integrations
APPROVED

Sohil
4/18/2016 7:34:10 PM



#87

Benzo(b)fluoranthene

Concen: 2.46 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086269.D

Acq: 16 Apr 2016 16:45

Tgt Ion:	252	Resp:	80581
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.7	26.5#
125	19.1	10.3	15.5#

