

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088993.D
 Acq On : 14 Jul 2016 18:47
 Operator : UM/SJ
 Sample : H3946-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B1(0-5)C

Manual Integrations

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Quant Time: Jul 14 19:17:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	68130	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	244593	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	111030	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	183350	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	117200	20.00	ng	-0.05
86) Perylene-d12	15.18	264	113254	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	392105	86.25	ng	-0.01
7) Phenol-d6	6.33	99	572916	97.54	ng	-0.02
23) Nitrobenzene-d5	7.26	82	393888	84.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	77091	74.77	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	632587	90.00	ng	-0.02
78) Terphenyl-d14	12.78	244	380347	72.28	ng	-0.02

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Target Compounds

						Qvalue
49) Dimethylphthalate	9.44	163	109318	13.82	ng	100
70) Phenanthrene	11.21	178	26739	2.67	ng	99
74) Fluoranthene	12.39	202	62034	6.11	ng	99
77) Pyrene	12.62	202	55388	5.57	ng	98
80) Benzo(a)anthracene	13.79	228	35457	4.70	ng	98
82) Chrysene	13.84	228	27228m	3.65	ng	
85) Indeno(1,2,3-cd)pyrene	16.45	276	21789	3.79	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	47546m	6.69	ng	
88) Benzo(k)fluoranthene	14.81	252	19807m	3.20	ng	
89) Benzo(a)pyrene	15.12	252	31163	5.18	ng	97
91) Benzo(g,h,i)perylene	16.82	276	19019	3.66	ng	97

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

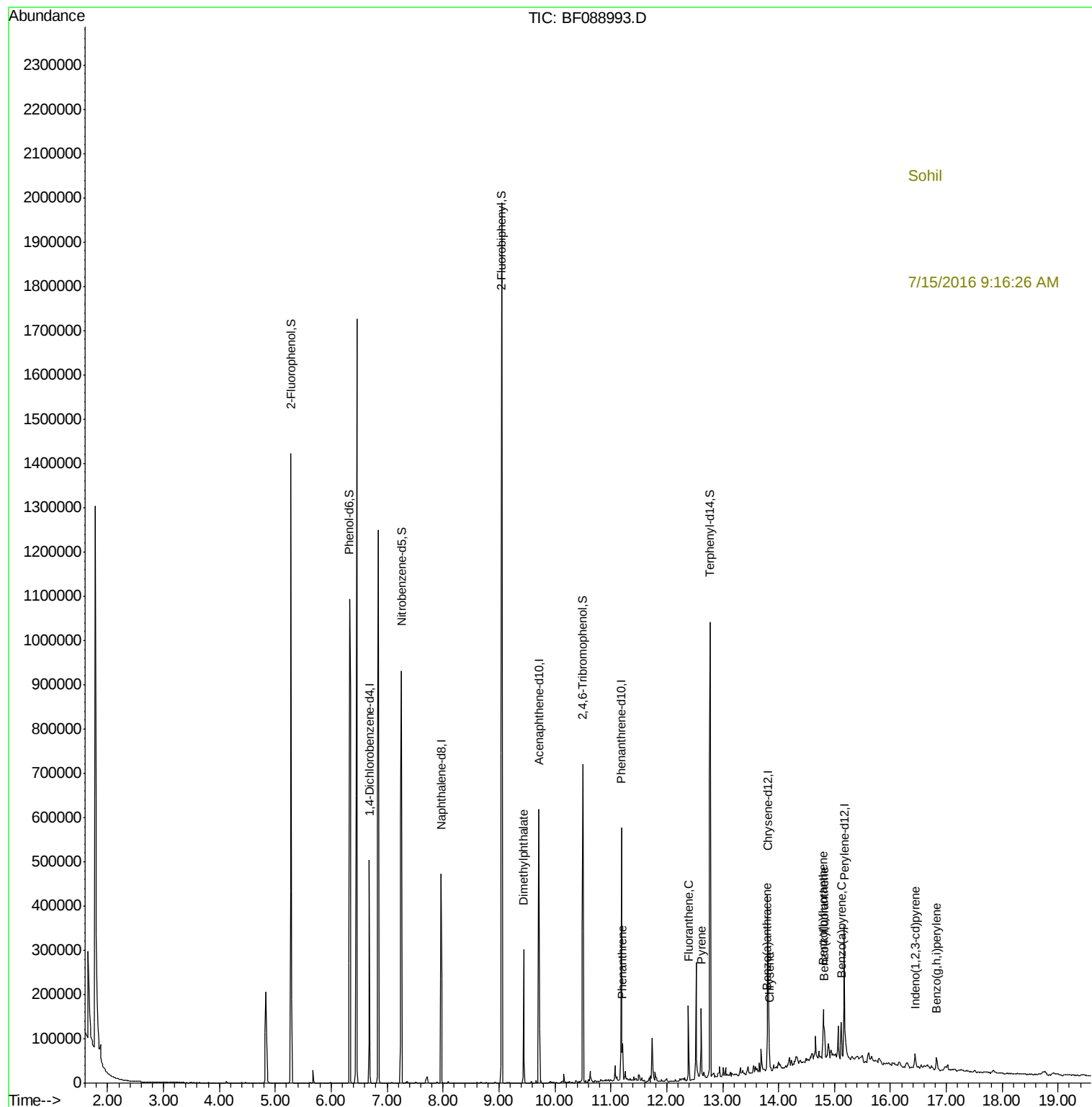
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088993.D
Acq On : 14 Jul 2016 18:47
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Instrument :
BNA_F
ClientSampleId :
Q7-B1(0-5)C

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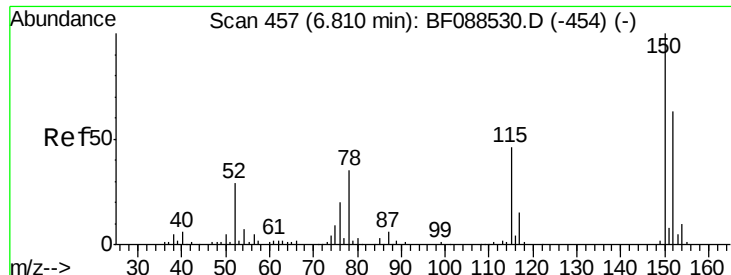
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Quant Time: Jul 14 19:17:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



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#1

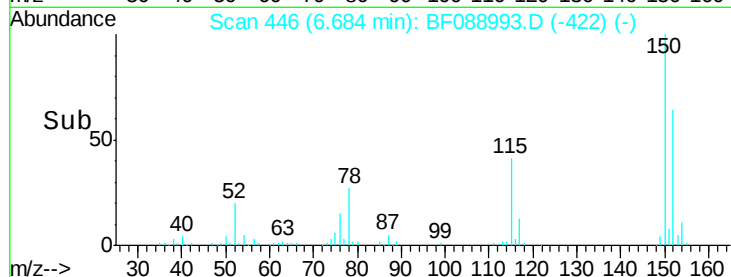
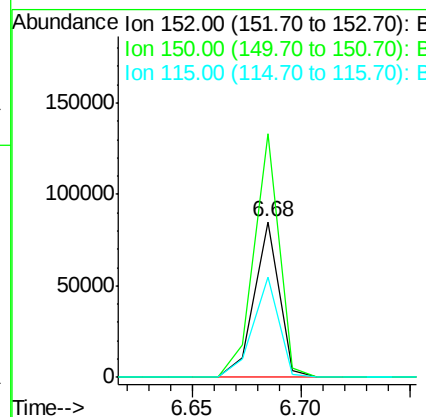
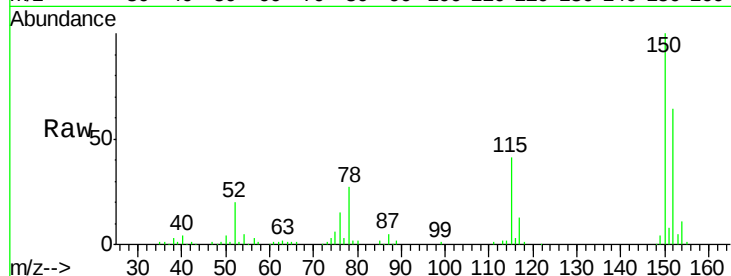
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampled :
Q7-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	64.8	39.6	59.4

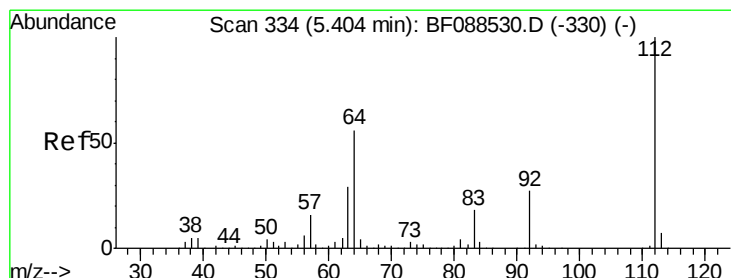
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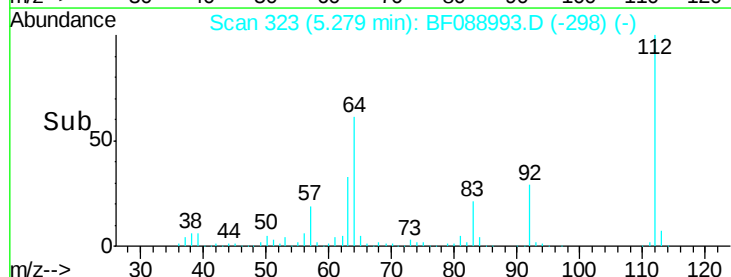
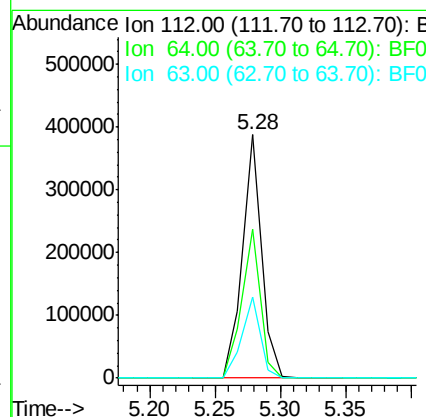
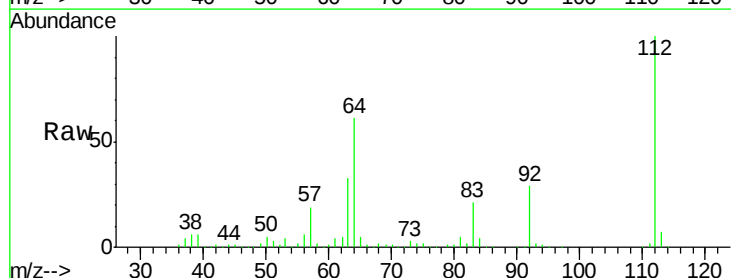
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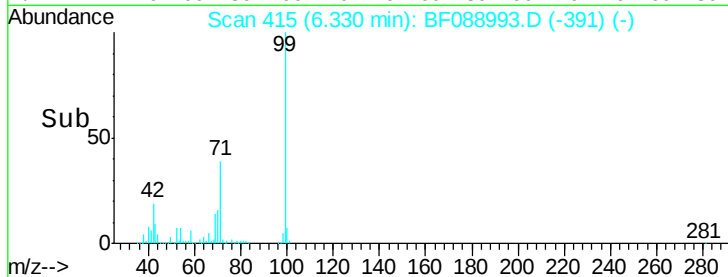
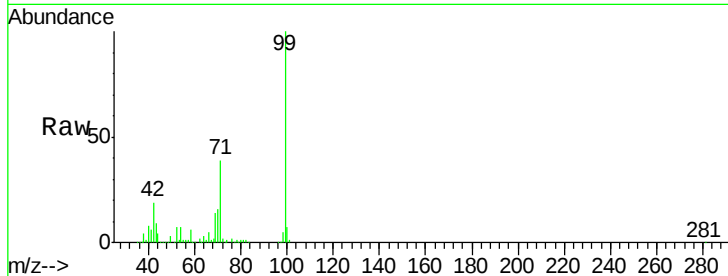
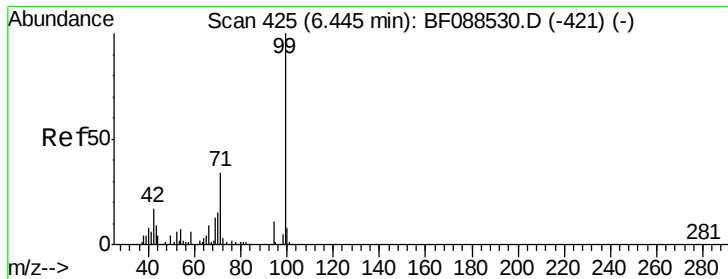


#5

2-Fluorophenol
Concen: 86.25 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	42.2	63.2
63	33.3	21.8	32.8





#7

Phenol-d6

Concen: 97.54 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088993.D

Acq: 14 Jul 2016 18:47

Tot Ion:	99	Resp:	572916
Ion	Ratio	Lower	Upper
99	100		
42	19.1	12.2	18.2#
71	39.0	23.4	35.0#

Instrument :

BNA_F

ClientSampled :

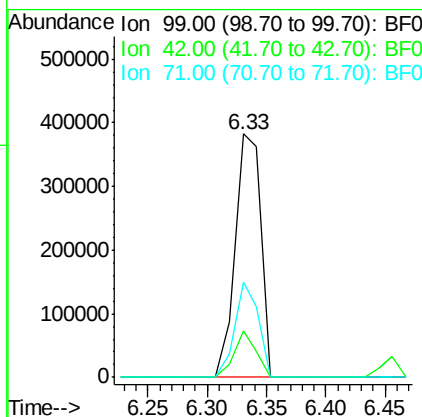
Q7-B1(0-5)C

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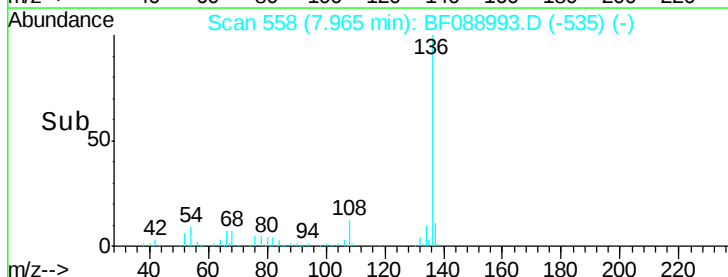
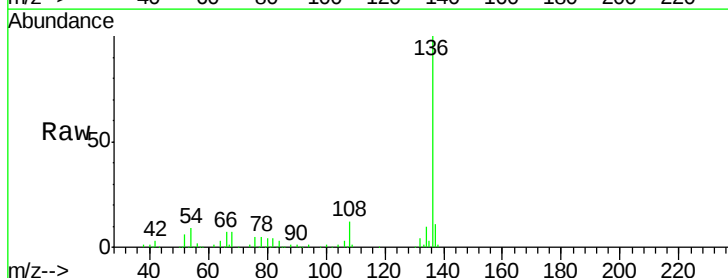
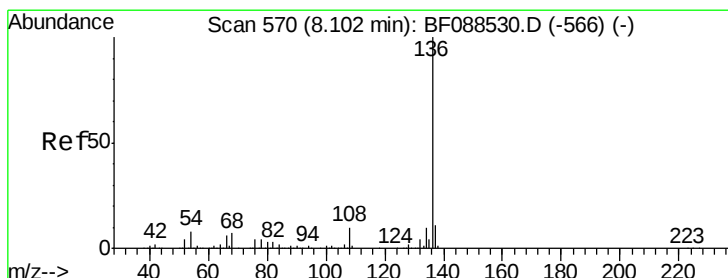
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#21

Naphthalene-d8

Concen: 20.00 ng

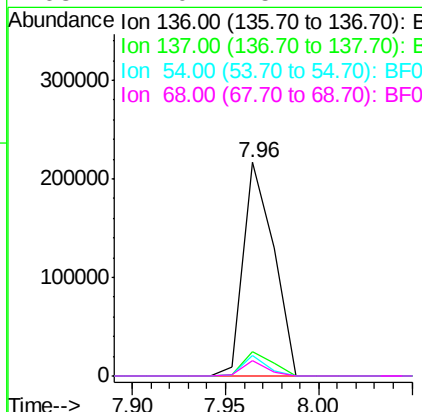
RT: 7.96 min Scan# 558

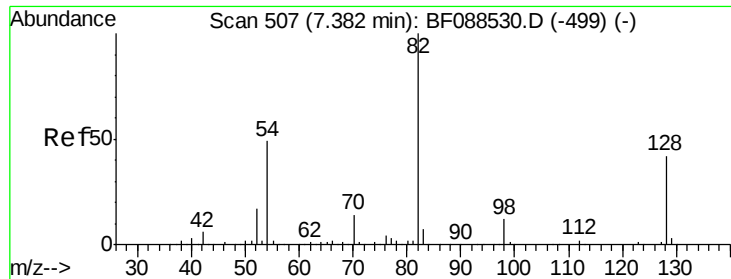
Delta R.T. -0.03 min

Lab File: BF088993.D

Acq: 14 Jul 2016 18:47

Tgt Ion:	136	Resp:	244593
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.4	6.6	10.0
68	7.0	5.1	7.7





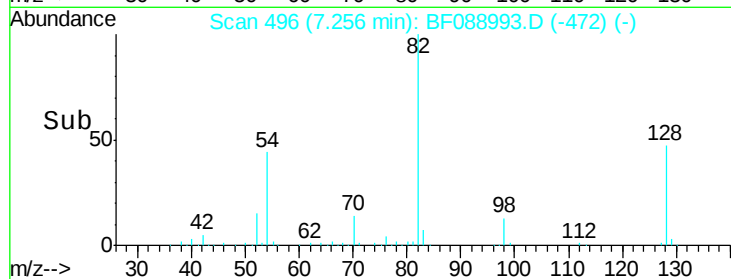
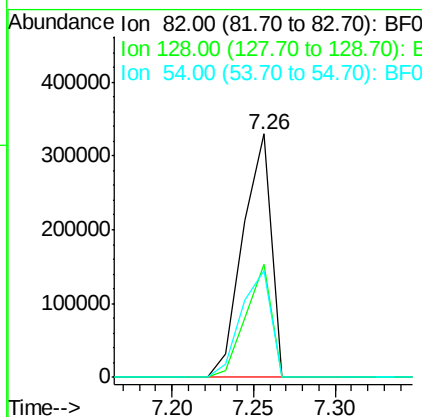
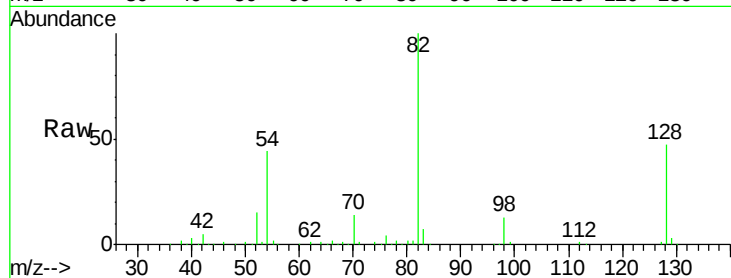
#23
Nitrobenzene-d5
Concen: 84.39 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampled :
Q7-B1(0-5)C

Tot Ion	82	Resp	393888
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.9	53.9
54	43.6	40.9	61.3

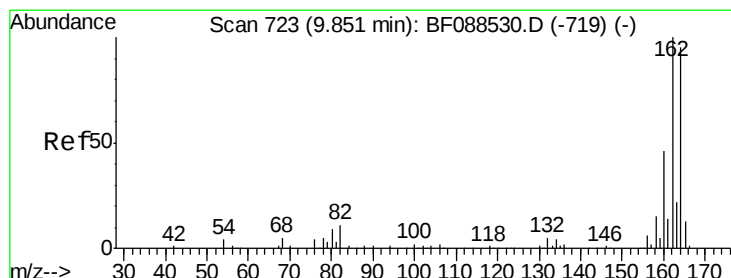
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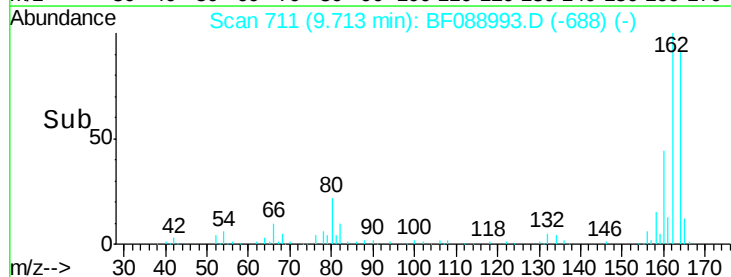
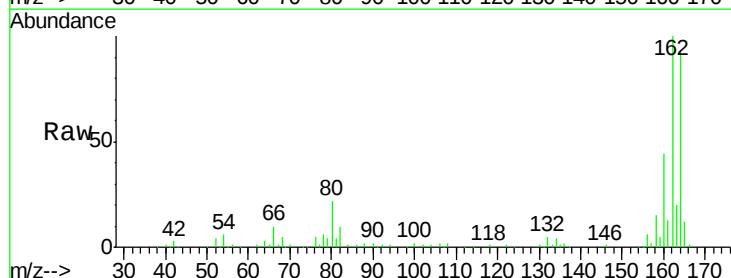
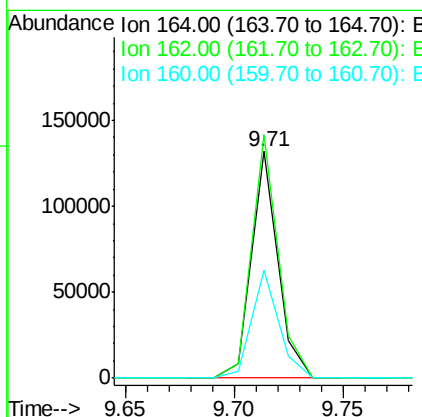
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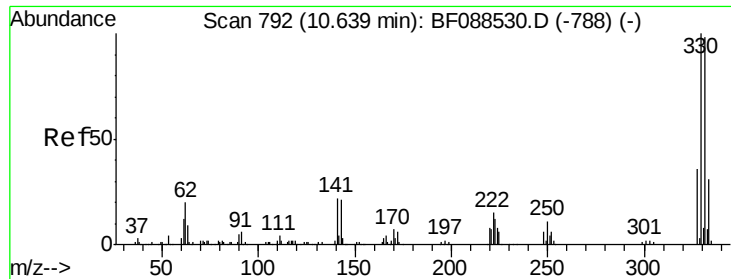
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion	164	Resp	111030
Ion Ratio	Lower	Upper	
164	100		
162	107.3	85.4	128.2
160	47.6	39.5	59.3





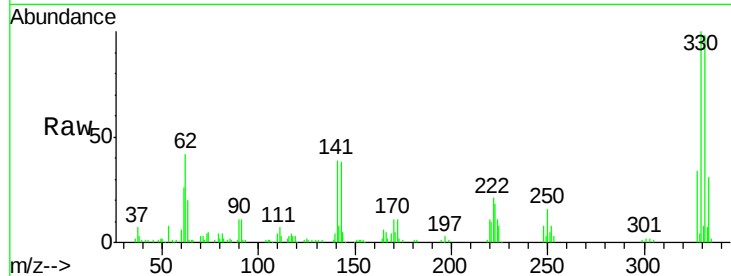
#41
 2,4,6-Tribromophenol
 Concen: 74.77 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088993.D
 Acq: 14 Jul 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B1(0-5)C

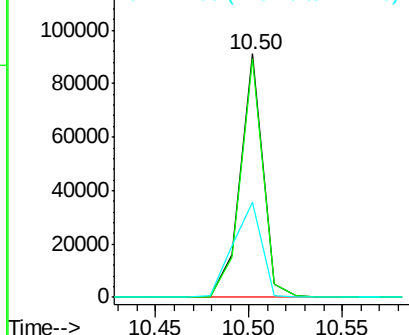
Tot Ion:	330	Resp:	77091
Ion Ratio	Lower	Upper	
330	100		
332	97.4	0.0	0.0#
141	50.1	0.0	0.0#

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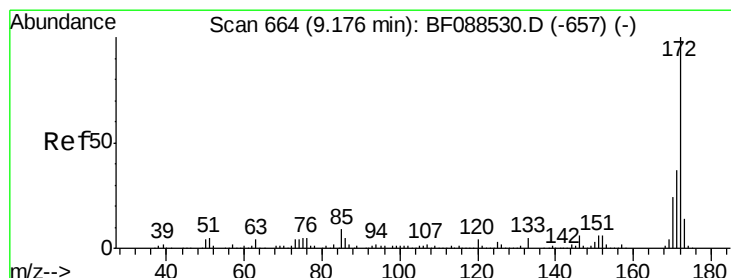
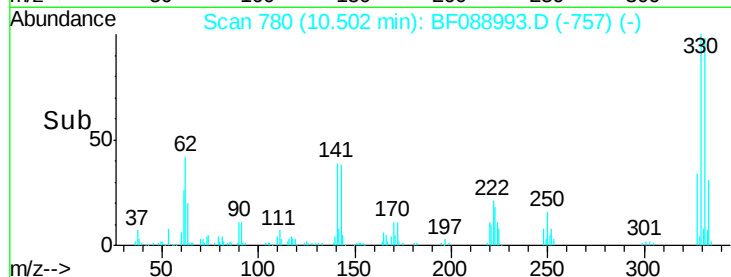


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



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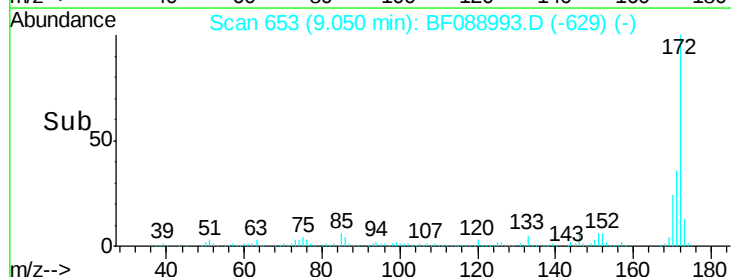
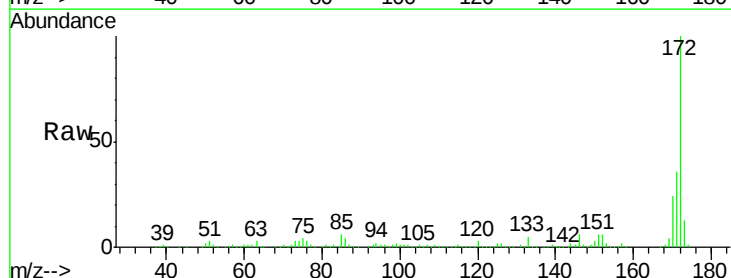
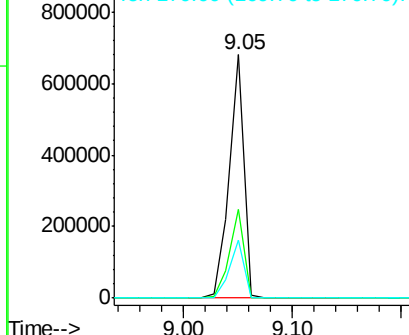
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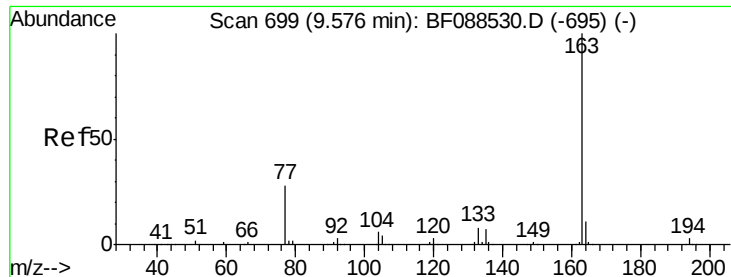


#44
 2-Fluorobiphenyl
 Concen: 90.00 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088993.D
 Acq: 14 Jul 2016 18:47

Tgt Ion:	172	Resp:	632587
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	43.0
170	23.9	19.2	28.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





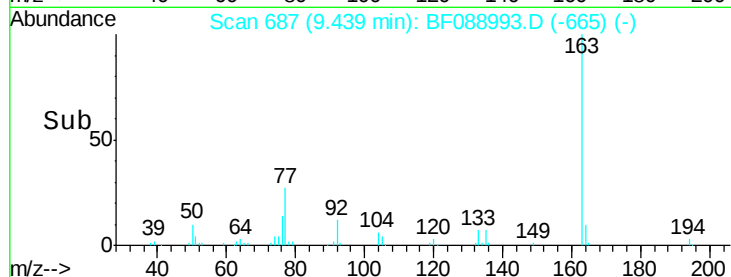
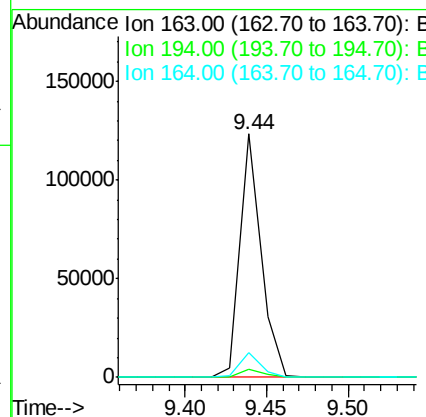
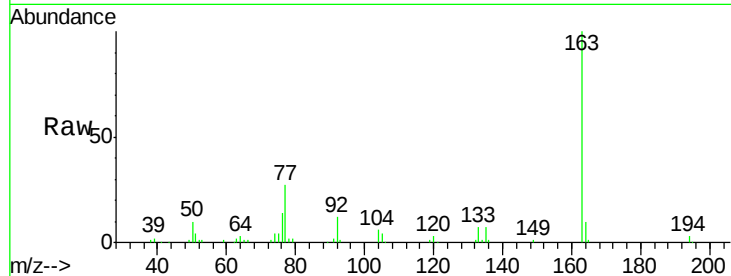
#49
Dimethylphthalate
Concen: 13.82 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampleId :
Q7-B1(0-5)C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		109318		
194	3.2		2.8	4.2	
164	10.3		8.3	12.5	

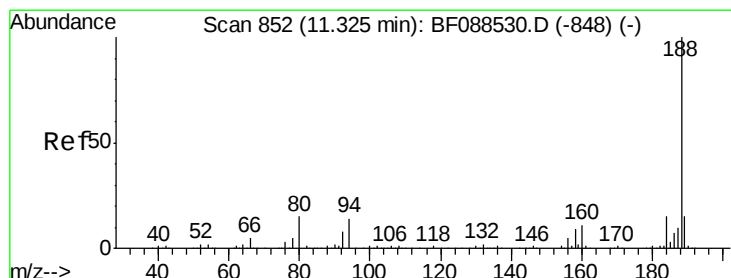
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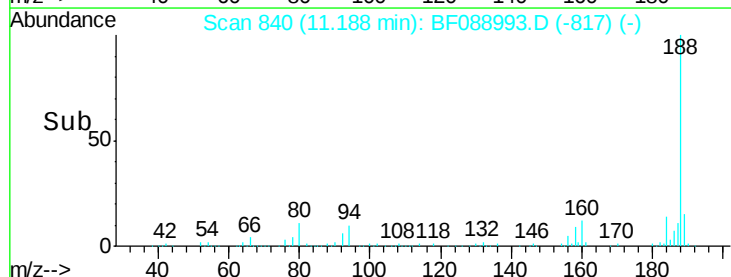
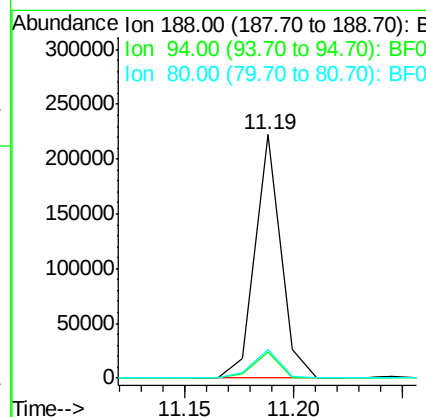
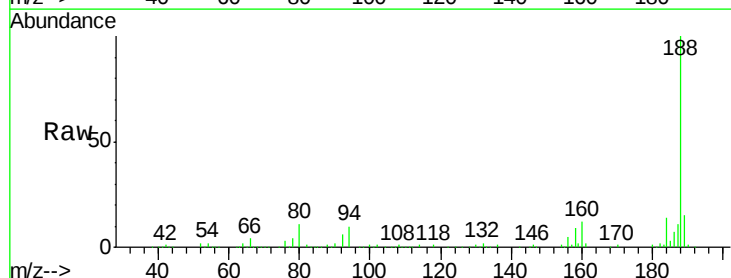
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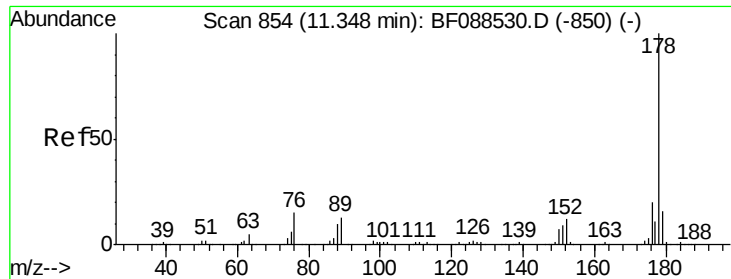
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		183350		
94	10.5		9.0	13.6	
80	11.5		10.0	15.0	





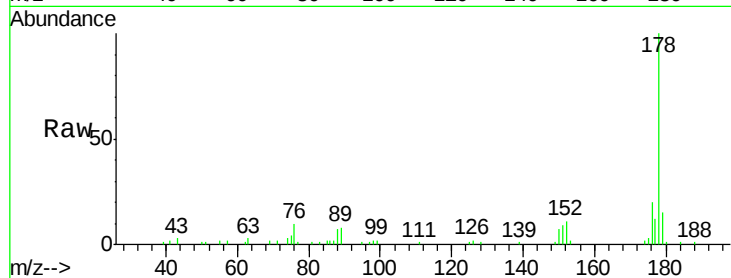
#70
Phenanthrene
Concen: 2.67 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampled :
Q7-B1(0-5)C

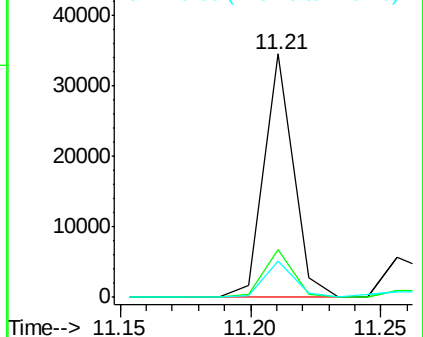
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.0	13.0	19.4

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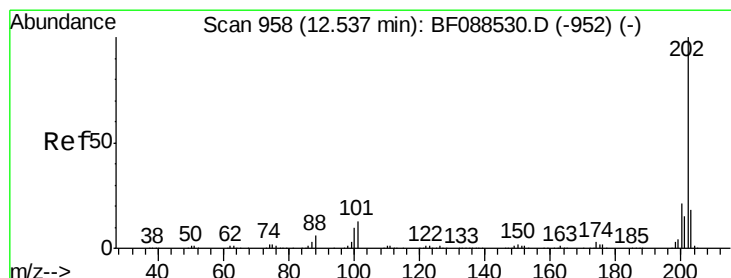
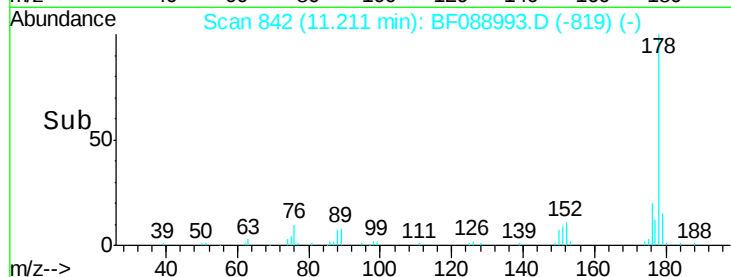


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



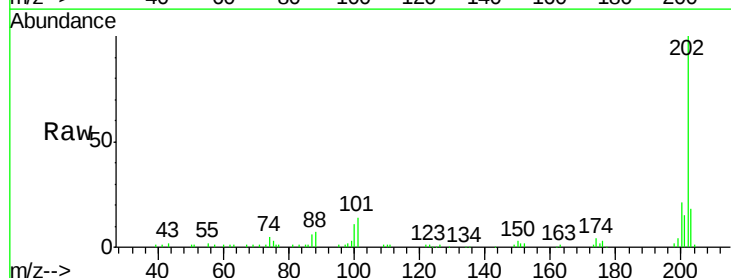
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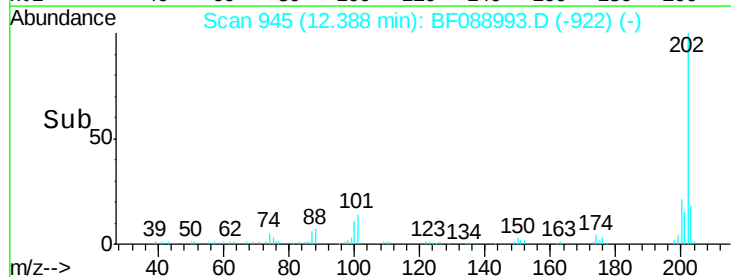
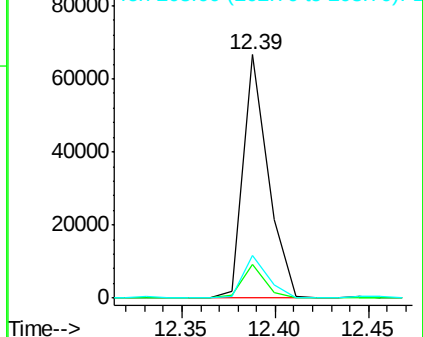


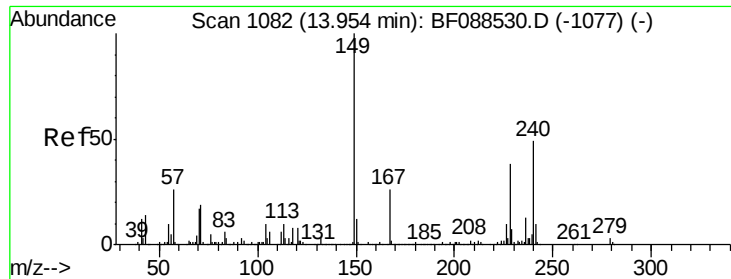
#74
Fluoranthene
Concen: 6.11 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.1
203	17.7	0.0	38.1



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





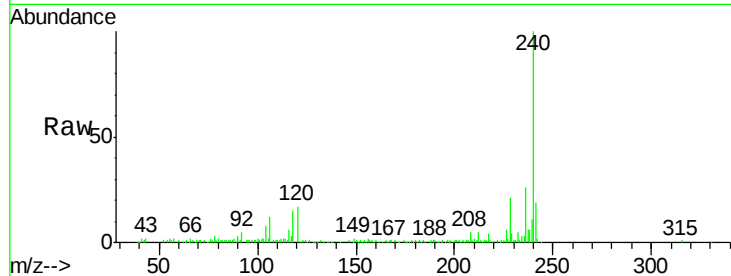
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampled :
Q7-B1(0-5)C

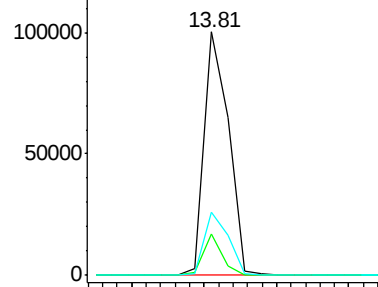
Tot Ion:240 Resp: 117200
Ion Ratio Lower Upper
240 100
120 17.0 6.8 10.2#
236 26.0 20.2 30.2

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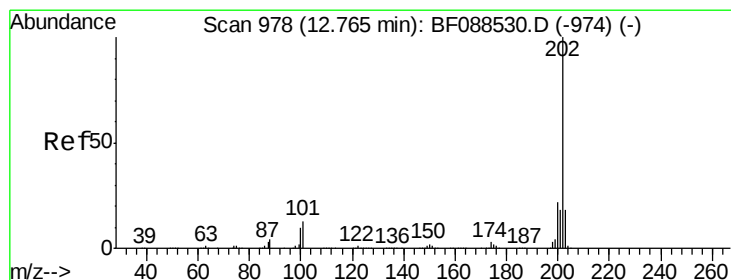
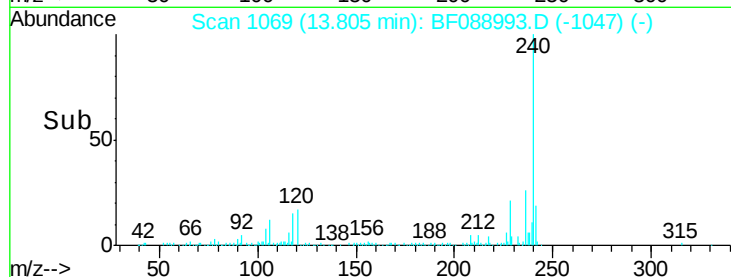


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



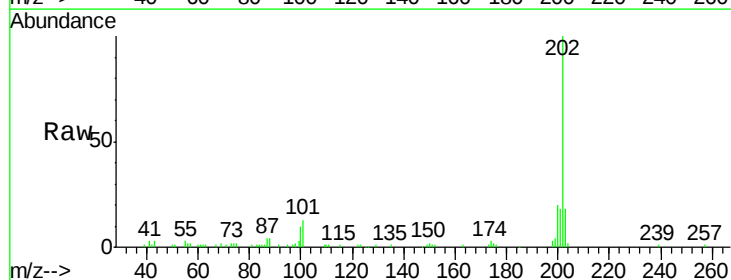
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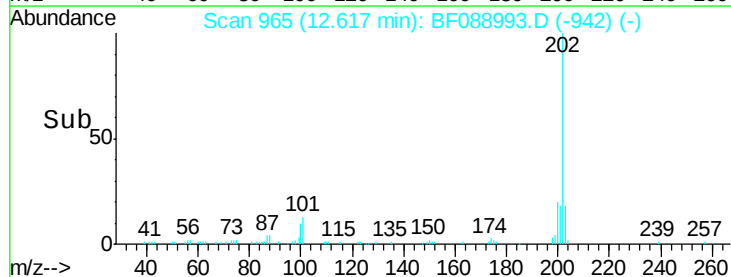
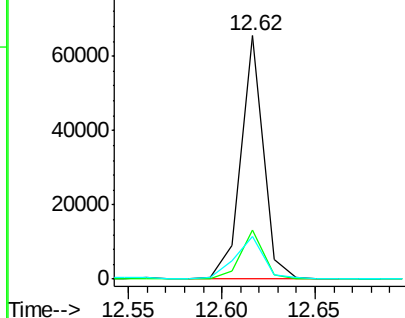


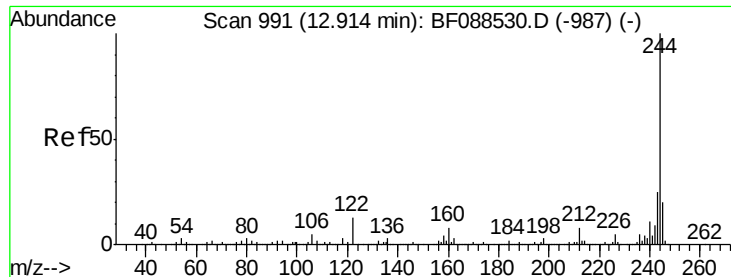
#77
Pyrene
Concen: 5.57 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion:202 Resp: 55388
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.7 14.5 21.7



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





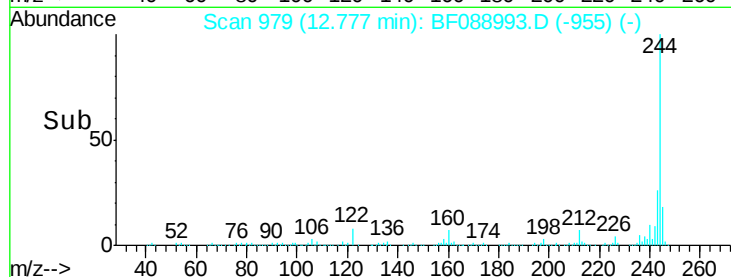
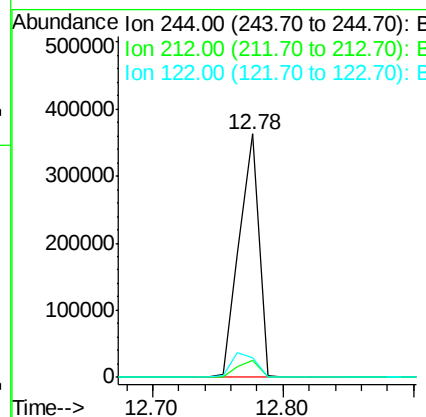
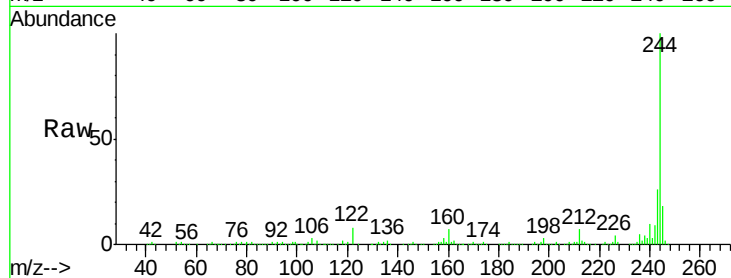
#78
 Terphenyl-d14
 Concen: 72.28 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF088993.D
 Acq: 14 Jul 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.9	11.2	16.8#

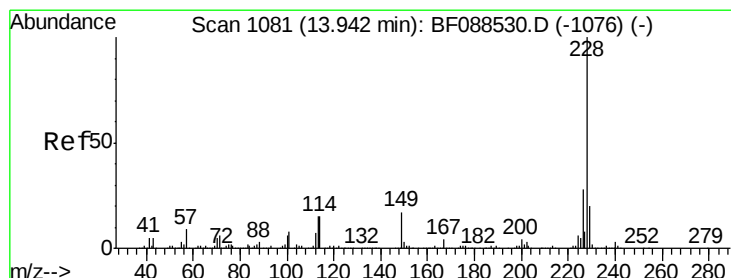
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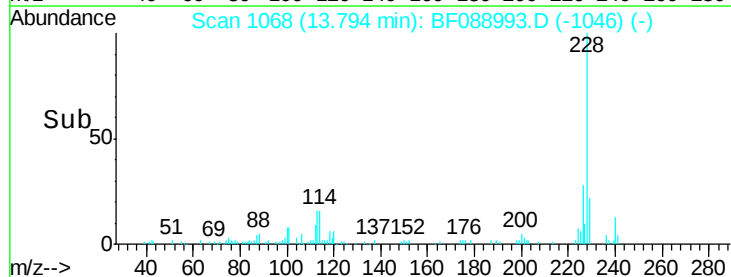
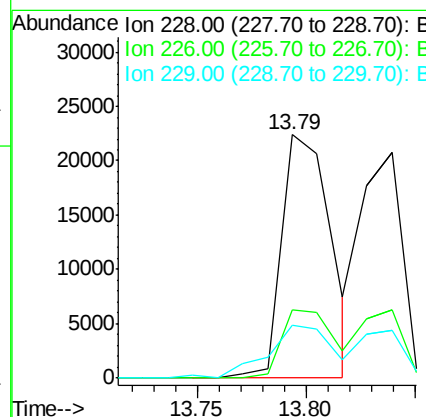
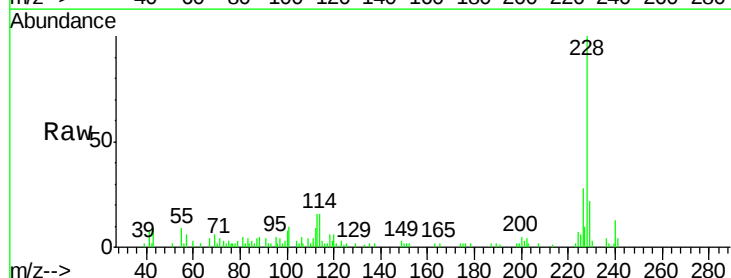
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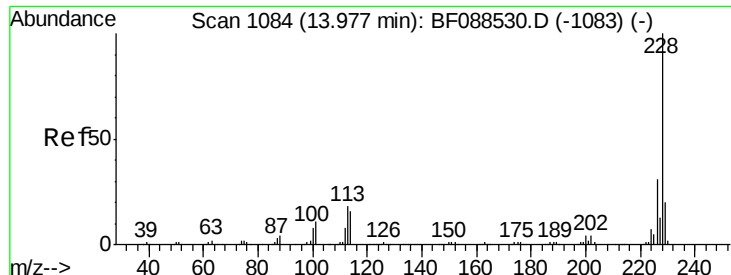
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#80
 Benzo(a)anthracene
 Concen: 4.70 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.05 min
 Lab File: BF088993.D
 Acq: 14 Jul 2016 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	21.7	16.0	24.0





#82

Chrysene

Concen: 3.65 ng/mL

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088993.D

Acq: 14 Jul 2016 18:47

Instrument :

BNA_F

ClientSampled :

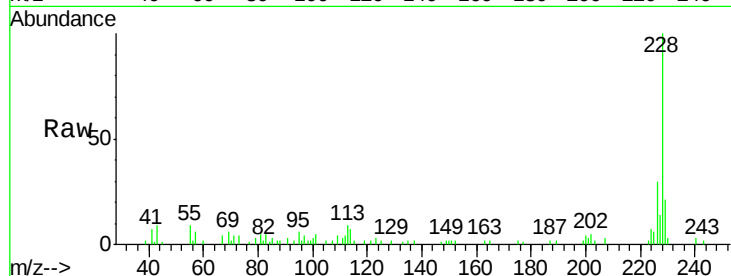
Q7-B1(0-5)C

Tot Ion:	228	Resp:	27228
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.4	38.2
229	21.4	16.3	24.5

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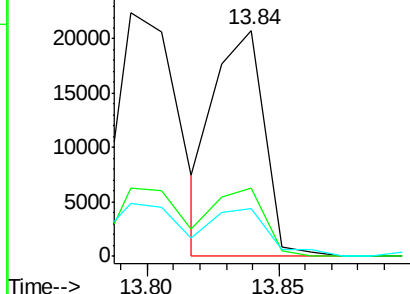
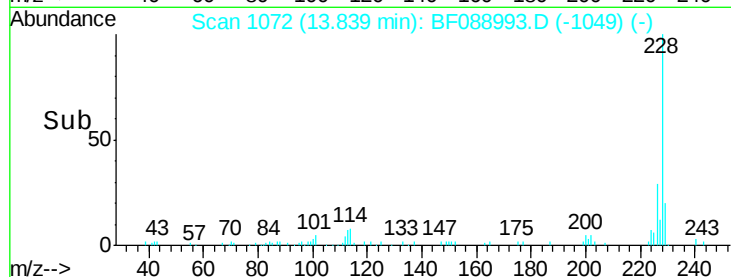
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Abundance Ion 228.00 (227.70 to 228.70): E

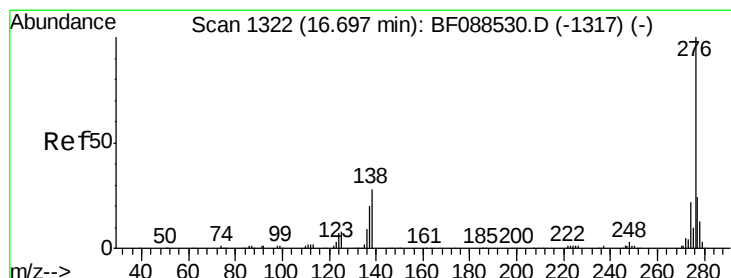
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.79 ng/mL

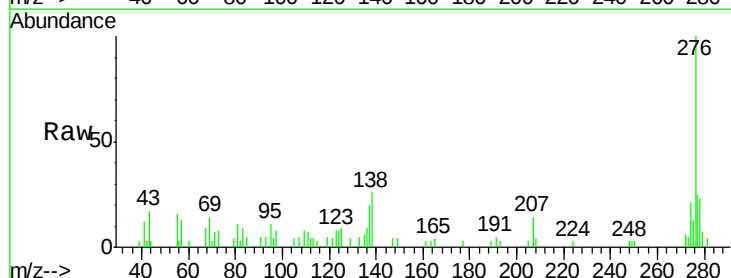
RT: 16.45 min Scan# 1300

Delta R.T. -0.06 min

Lab File: BF088993.D

Acq: 14 Jul 2016 18:47

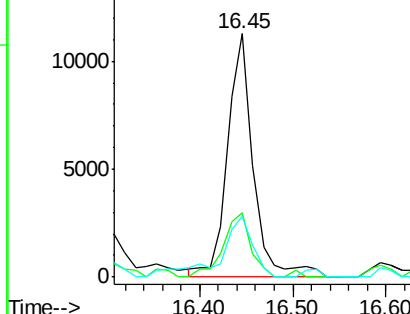
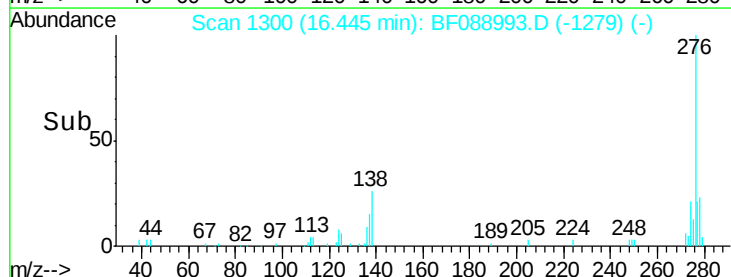
Tgt Ion:	276	Resp:	21789
Ion Ratio	Lower	Upper	
276	100		
138	27.9	0.0	0.0#
277	31.7	0.0	0.0#

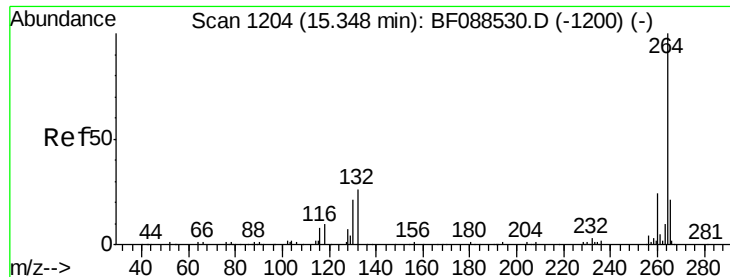


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





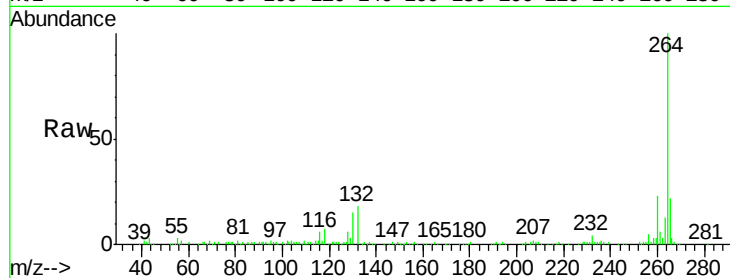
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampleId :
Q7-B1(0-5)C

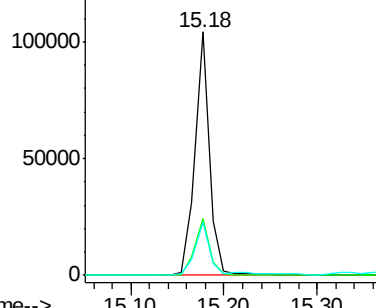
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	16.9	25.3

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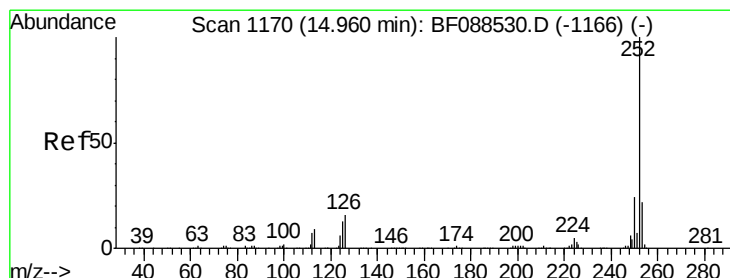
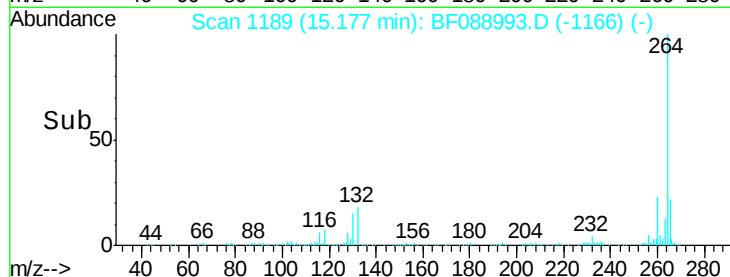


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



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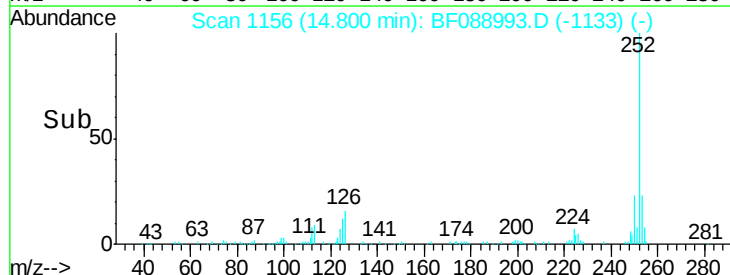
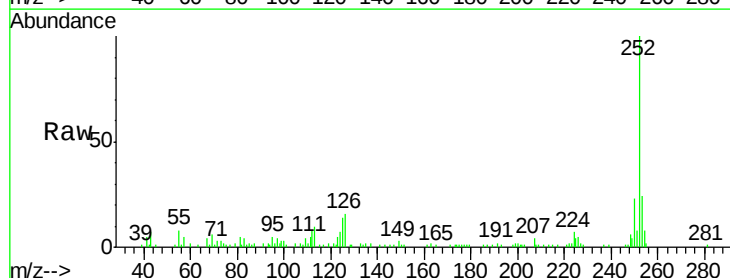
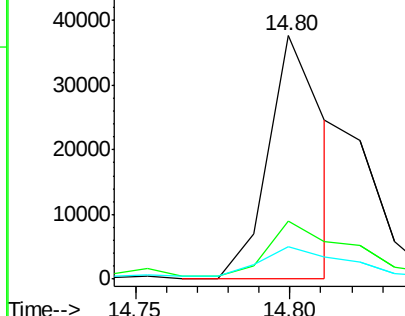
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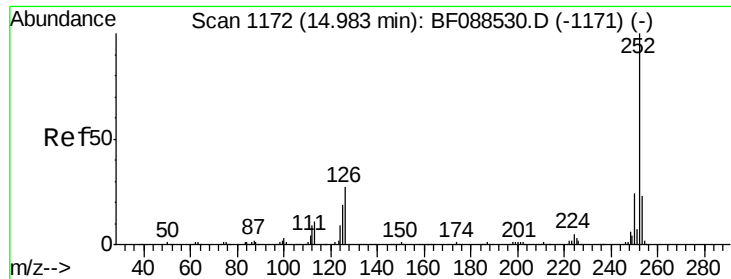


#87
Benzo(b)fluoranthene
Concen: 6.69 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	13.5	7.1	10.7#

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





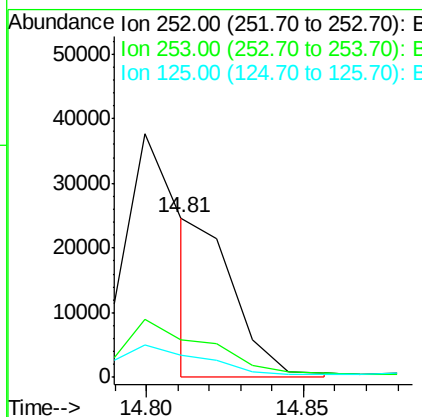
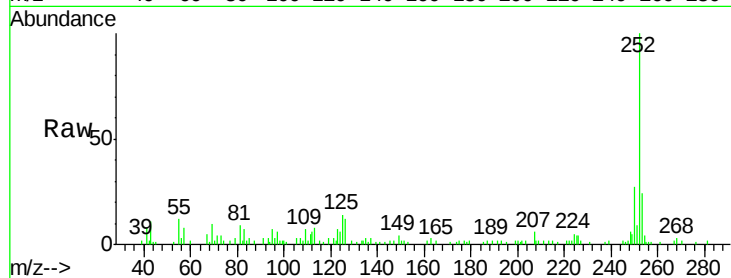
#88
Benzo(k)fluoranthene
Concen: 3.20 ng m
RT: 14.81 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Instrument :
BNA_F
ClientSampled :
Q7-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	14.2	11.2	16.8

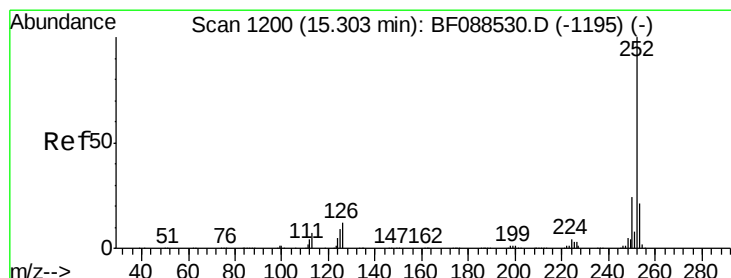
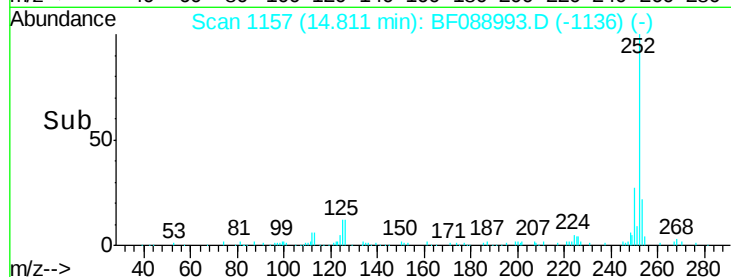
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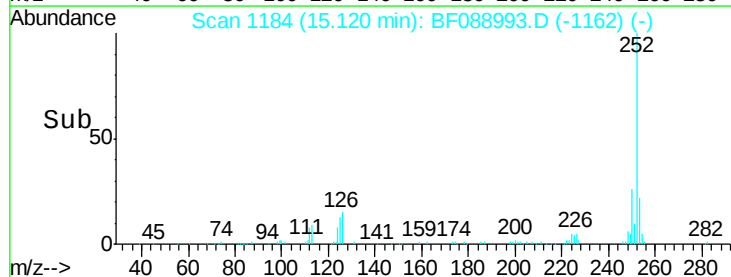
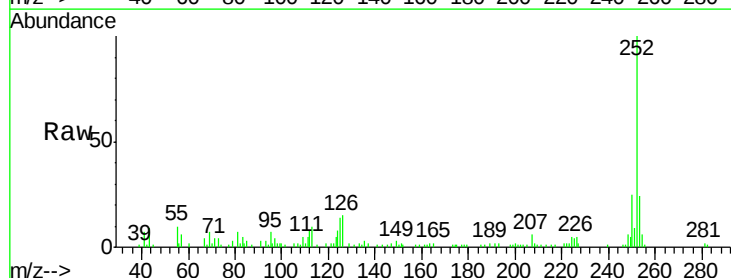
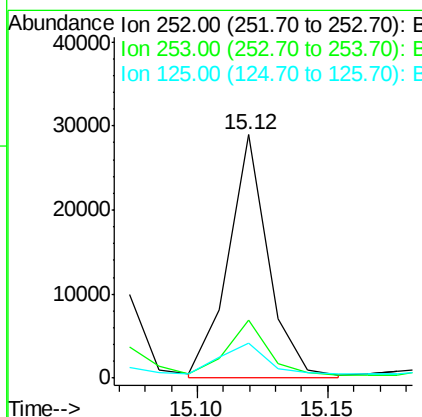
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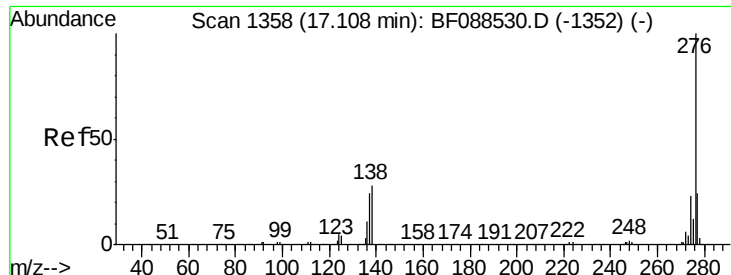
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#89
Benzo(a)pyrene
Concen: 5.18 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF088993.D
Acq: 14 Jul 2016 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.3	12.5	18.7





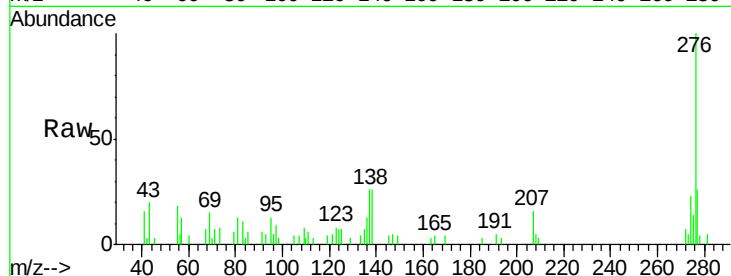
#91
 Benzo(a,h,i)perylene
 Concen: 3.66 ng
 RT: 16.82 min Scan# 1333
 Delta R.T. -0.07 min
 Lab File: BF088993.D
 Acq: 14 Jul 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B1(0-5)C

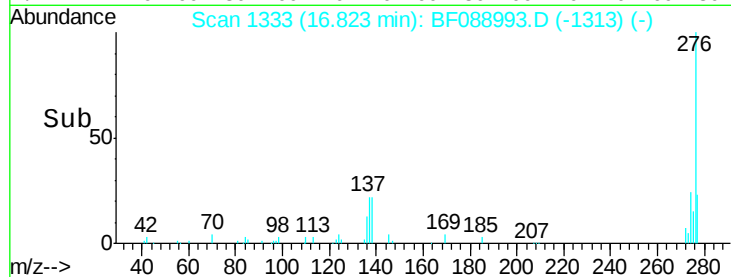
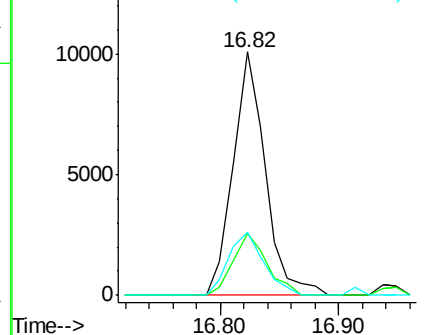
Tot Ion:	276	Resp:	19019
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.9	28.3
138	26.1	21.4	32.2

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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



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