

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096464.D
 Acq On : 4 Jul 2017 3:14
 Operator : SJ/MA
 Sample : I4029-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P4-BASE

Manual Integrations
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Quant Time: Jul 04 04:07:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	100310	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	425564	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	155187	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	252697	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	222565	20.00	ng	-0.01
86) Perylene-d12	15.28	264	143278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	681568	100.29	ng	0.00
7) Phenol-d6	6.36	99	788126	94.33	ng	-0.01
23) Nitrobenzene-d5	7.29	82	395741	55.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	111894	92.31	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	744704	82.05	ng	-0.01
78) Terphenyl-d14	12.83	244	561324	53.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	36432	3.828	ng	97
49) Dimethylphthalate	9.47	163	67528	5.829	ng	98
57) Fluorene	10.30	166	19303	2.139	ng	# 98
70) Phenanthrene	11.26	178	227494	16.654	ng	99
71) Anthracene	11.32	178	55732	4.004	ng	97
74) Fluoranthene	12.45	202	203688	15.209	ng	97
77) Pyrene	12.67	202	221795	12.415	ng	99
80) Benzo(a)anthracene	13.86	228	70022	5.433	ng	97
82) Chrysene	13.89	228	60524	4.484	ng	97
87) Benzo(b)fluoranthene	14.88	252	46157m	5.141	ng	
89) Benzo(a)pyrene	15.22	252	35720	4.456	ng	# 89
91) Benzo(g,h,i)perylene	17.05	276	16480	2.522	ng	# 88

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

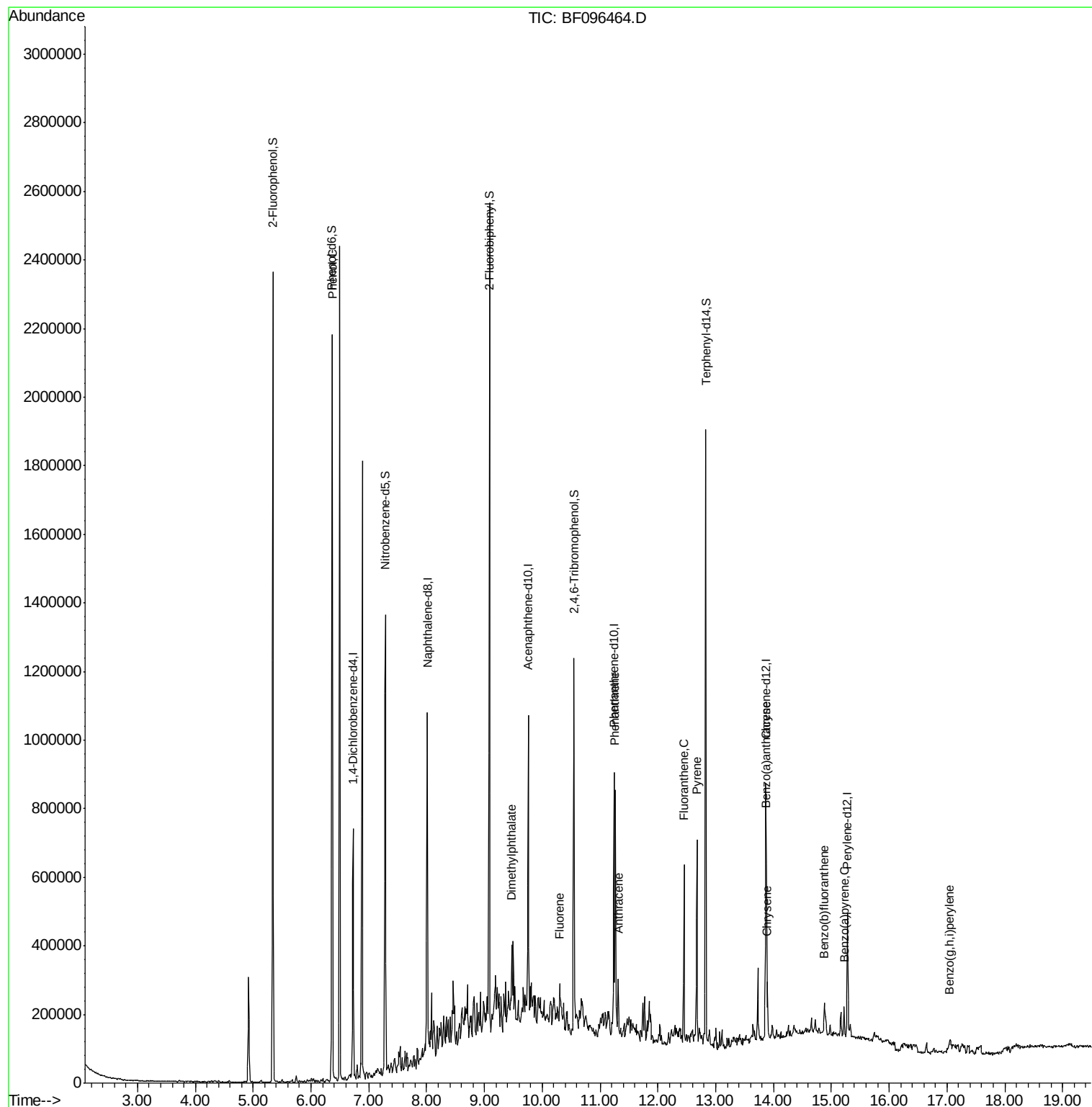
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096464.D
Acq On : 4 Jul 2017 3:14
Operator : SJ/MA
Sample : I4029-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

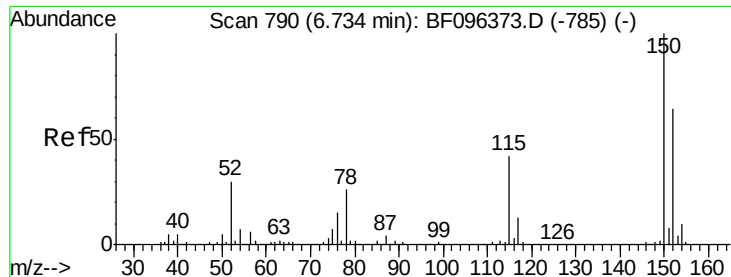
Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

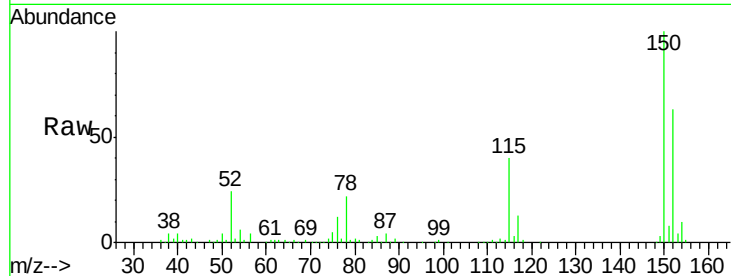
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

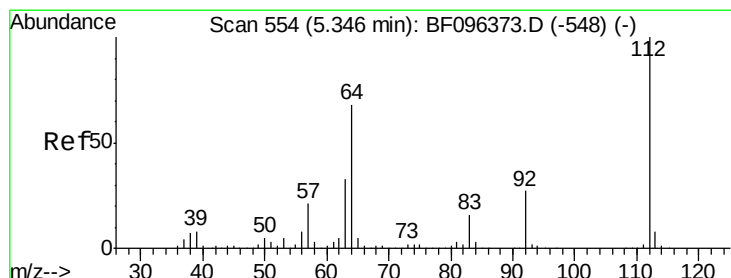
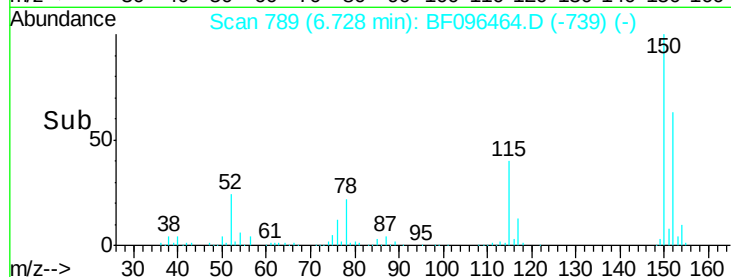
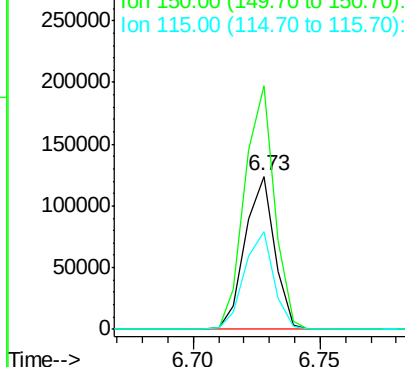
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	63.7	52.2	78.2

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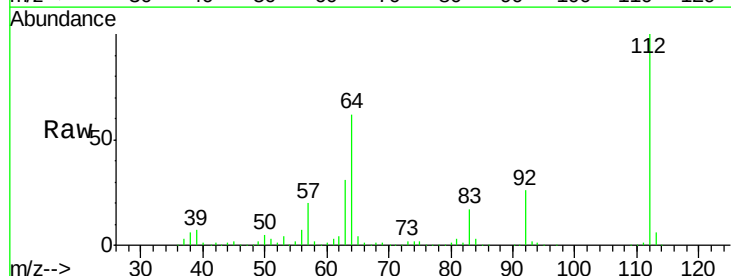
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



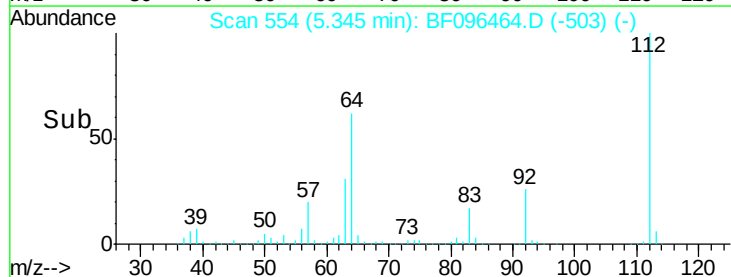
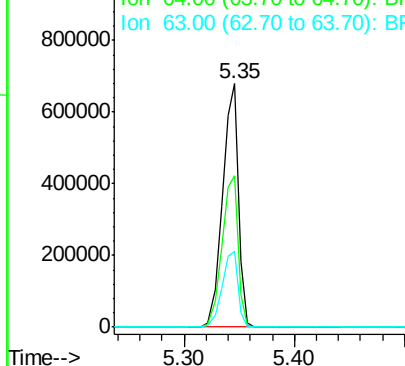
#5

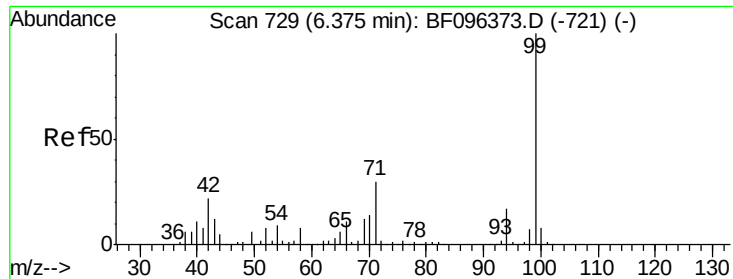
2-Fluorophenol
Concen: 100.287 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.0	69.0
63	31.3	23.4	35.0



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: 94.329 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096464.D

Acq: 4 Jul 2017 3:14

Instrument :

BNA_F

ClientSampleId :

E2-P4-BASE

Tgt Ion: 99 Resp: 788126
Ion Ratio Lower Upper

99 100

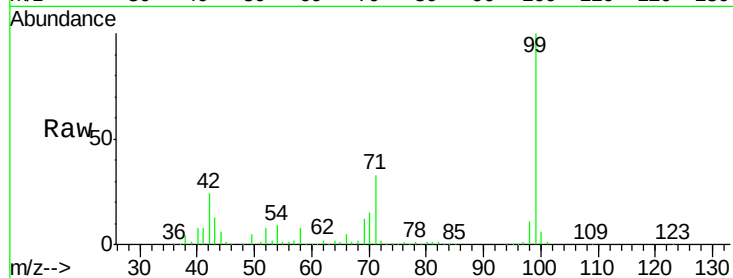
42 23.6 13.5 20.3#

71 32.7 24.5 36.7

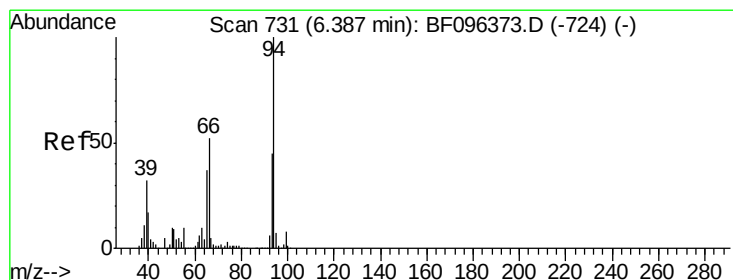
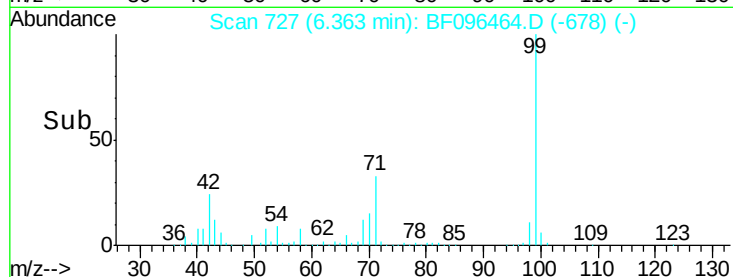
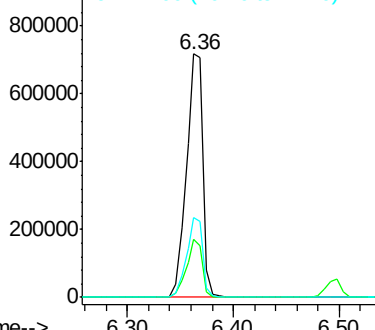
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.828 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096464.D

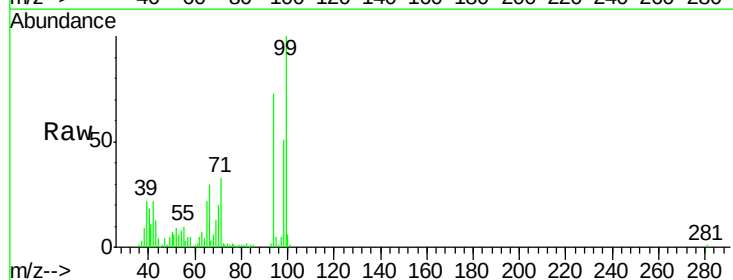
Acq: 4 Jul 2017 3:14

Tgt Ion: 94 Resp: 36432
Ion Ratio Lower Upper

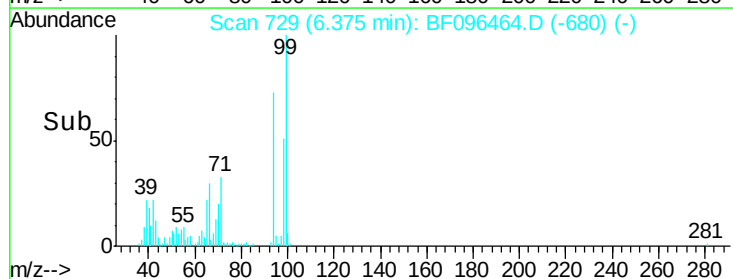
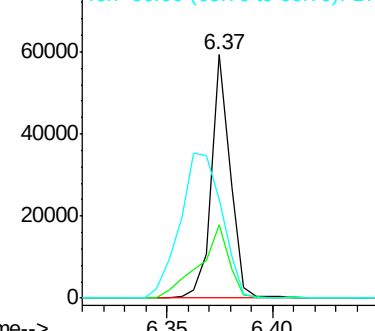
94 100

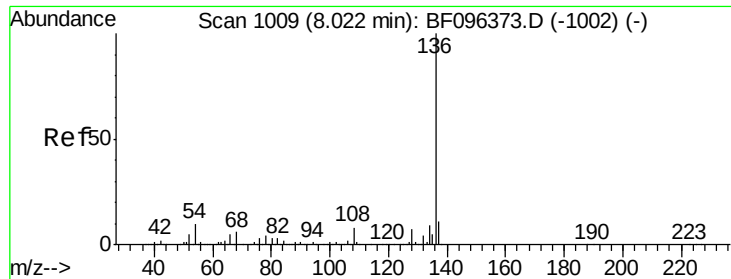
65 30.3 9.9 49.9

66 40.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





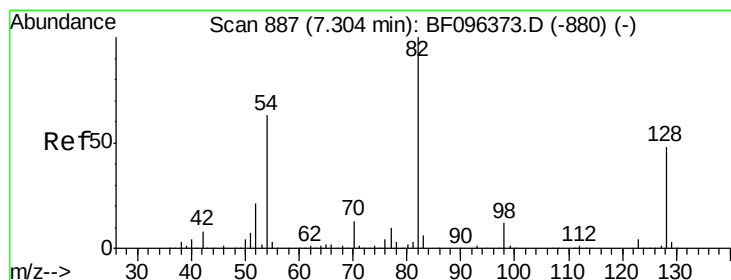
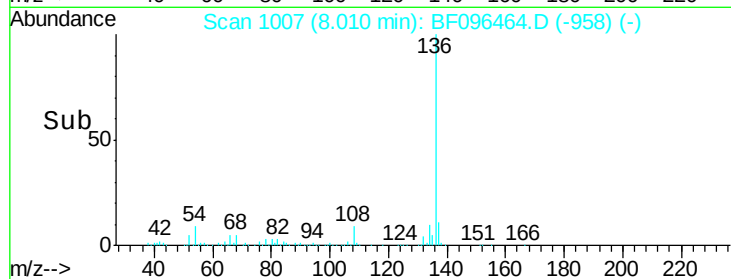
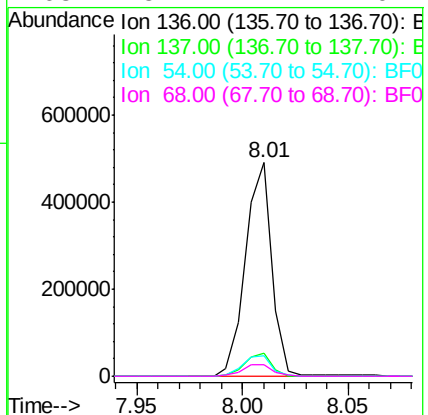
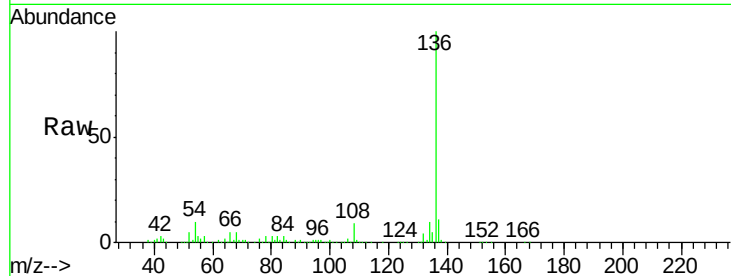
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.5	4.9	7.3#
68	5.4	4.1	6.1

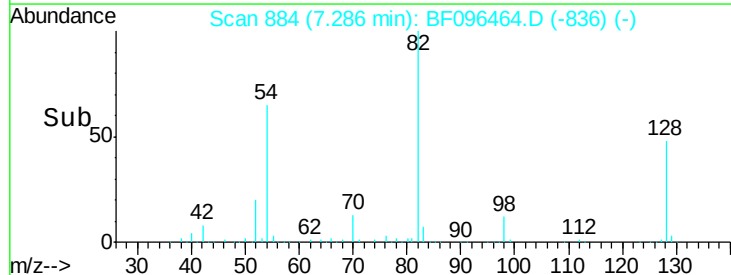
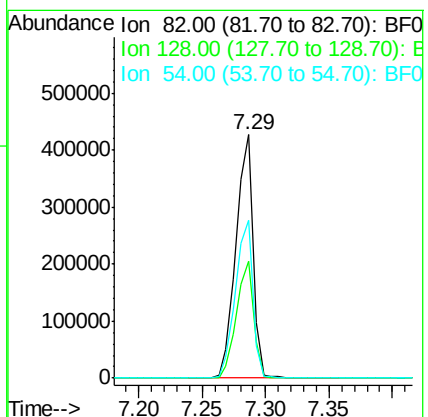
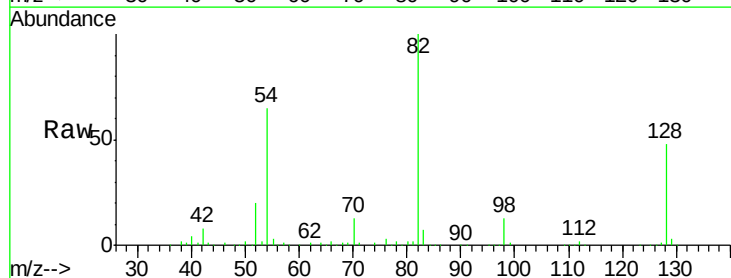
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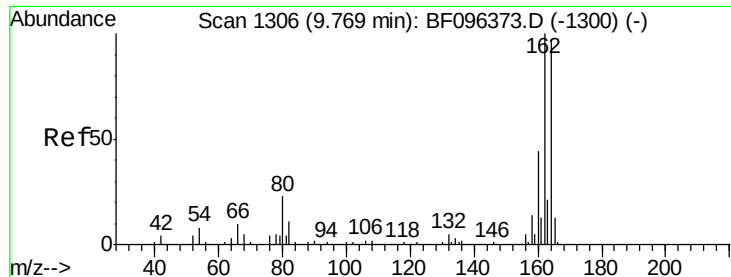
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#23
Nitrobenzene-d5
Concen: 55.880 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096464.D
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Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.0	34.0	51.0
54	64.7	42.2	63.2#





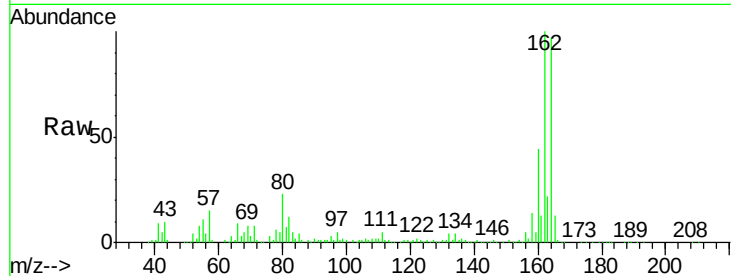
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

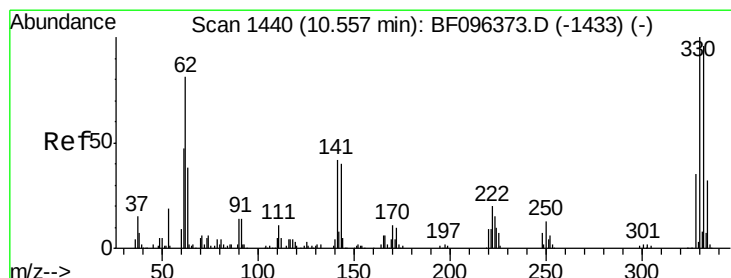
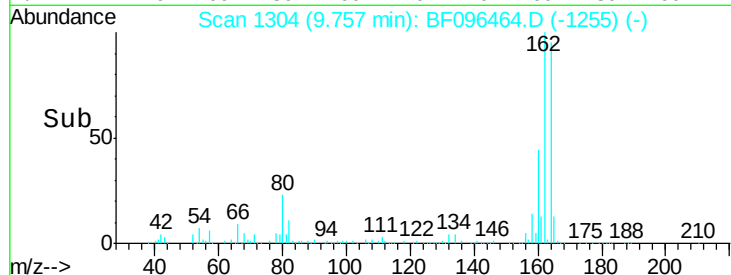
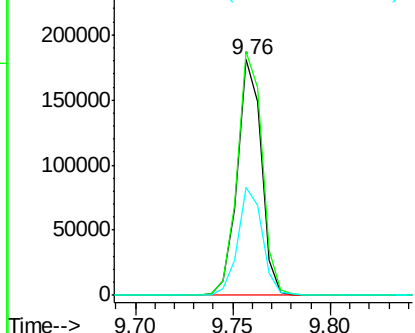
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	155187		
162	103.2	82.6	123.8	
160	45.8	36.2	54.2	

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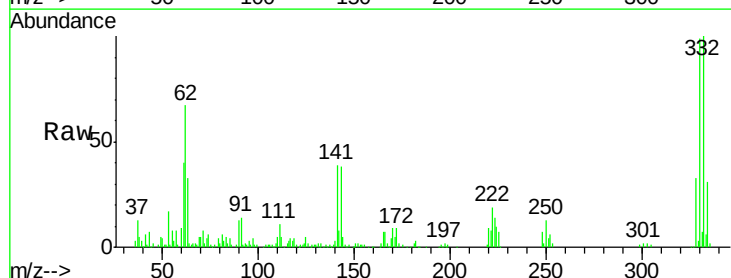


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

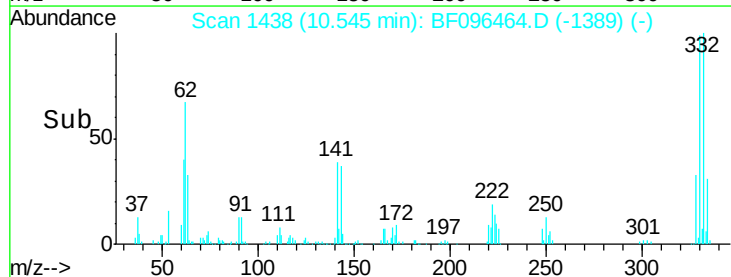
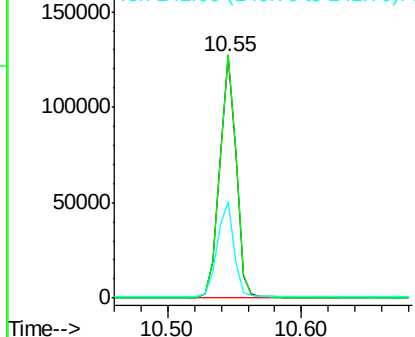


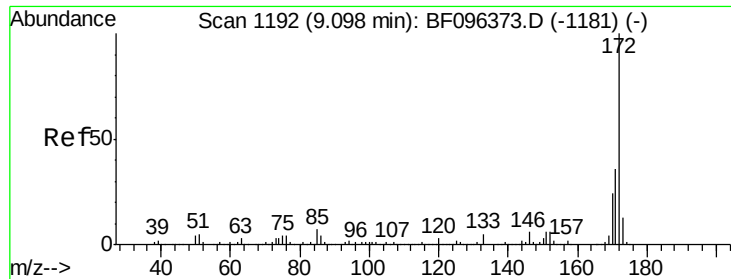
#41
2,4,6-Tribromophenol
Concen: 92.306 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	111894		
332	99.9	76.6	115.0	
141	39.3	31.4	47.2	



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





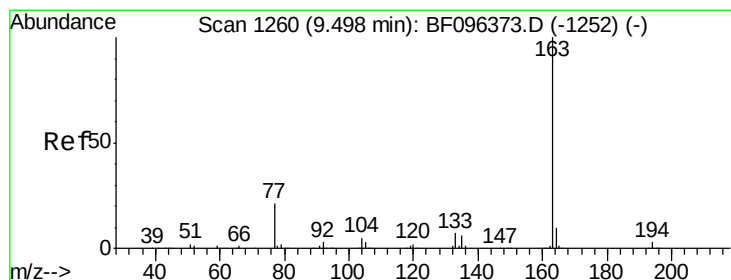
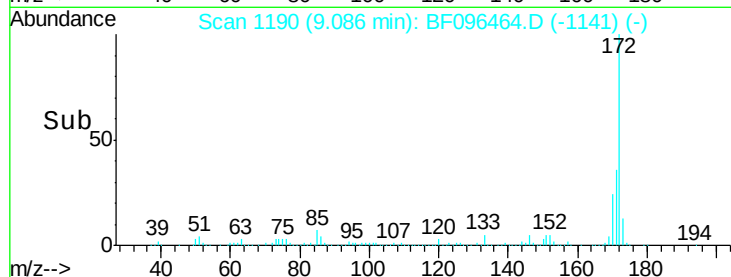
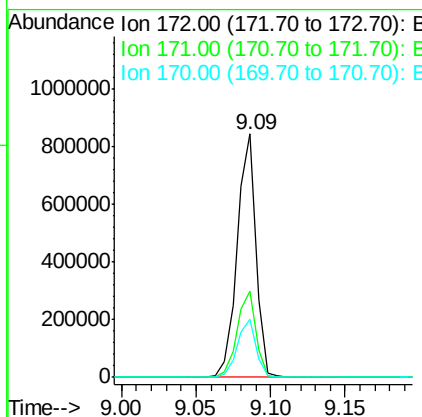
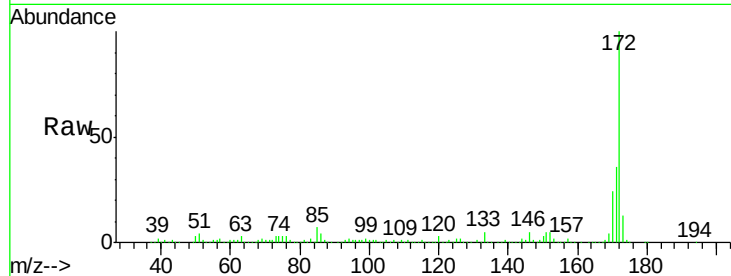
#44
 2-Fluorobiphenyl
 Concen: 82.048 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096464.D
 Acq: 4 Jul 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-P4-BASE

Tgt Ion:	172	Resp:	744704
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	24.0	19.8	29.8

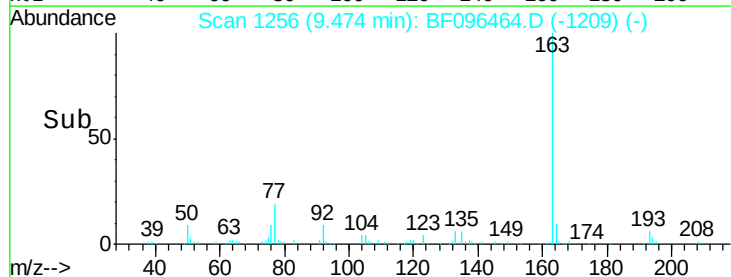
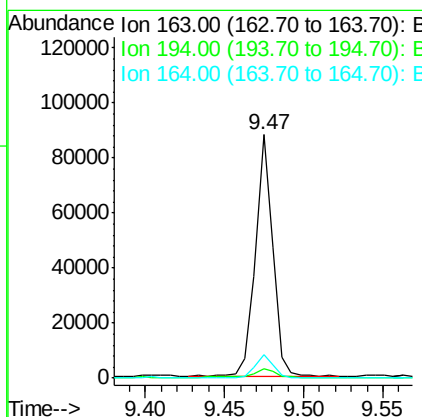
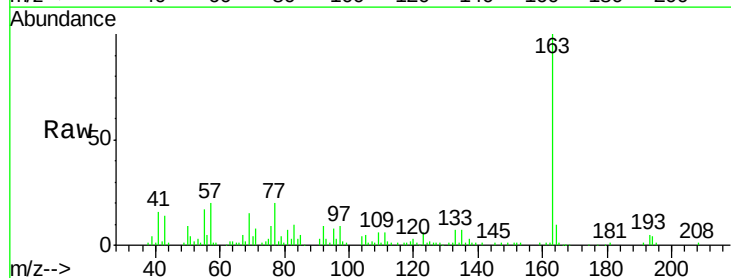
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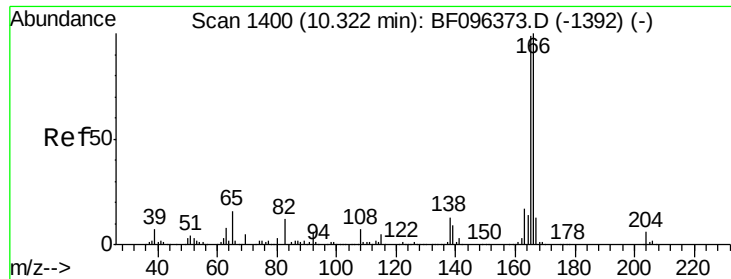
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#49
 Dimethylphthalate
 Concen: 5.829 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF096464.D
 Acq: 4 Jul 2017 3:14

Tgt Ion:	163	Resp:	67528
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.6	4.0
164	9.6	8.4	12.6





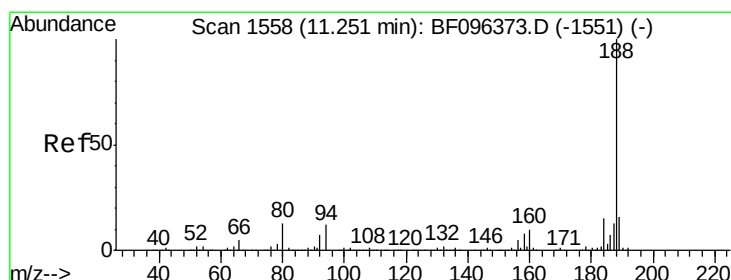
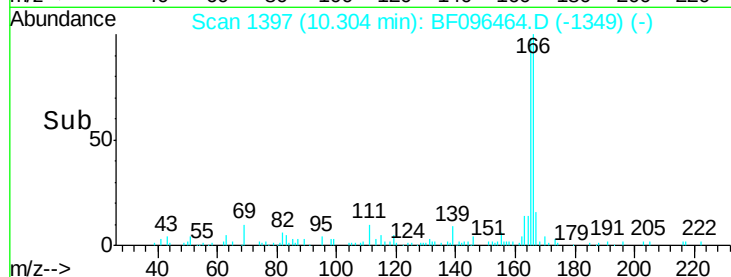
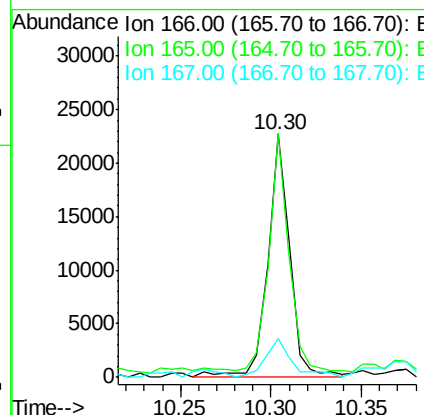
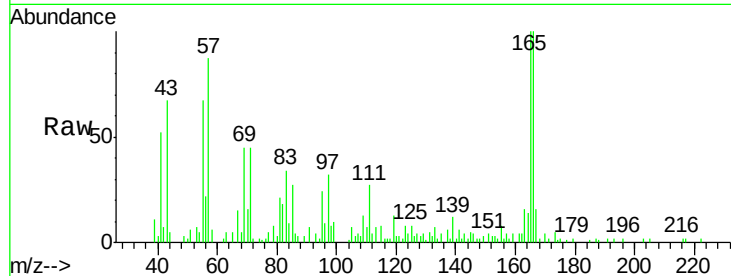
#57
 Fluorene
 Concen: 2.139 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF096464.D
 Acq: 4 Jul 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-P4-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	19303		
165	100.1	78.8	118.2	
167	16.2	10.6	16.0	

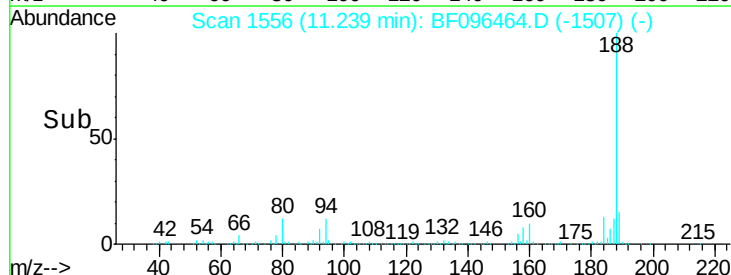
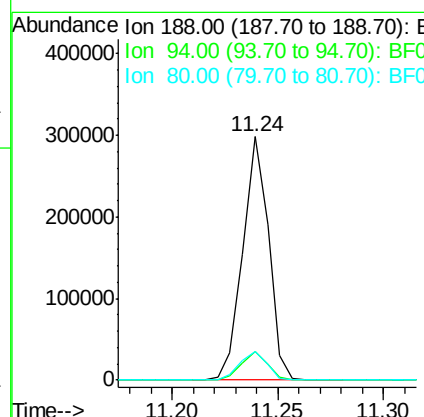
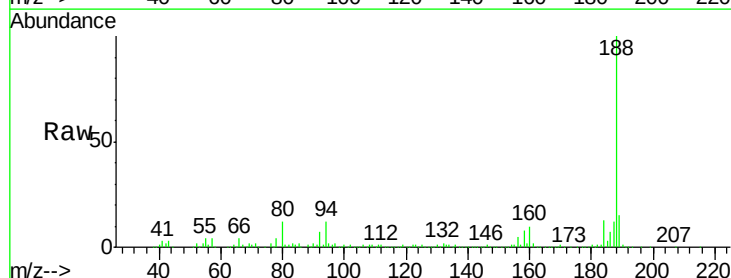
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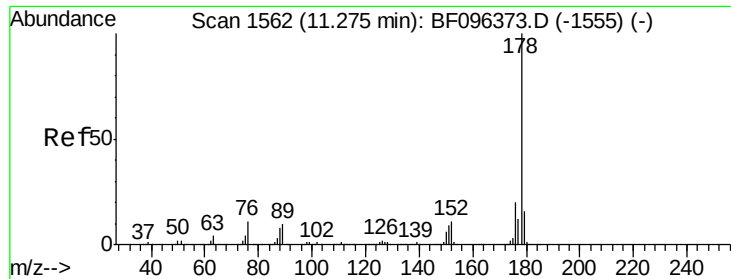
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF096464.D
 Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	252697		
94	11.9	9.4	14.2	
80	12.0	10.2	15.2	





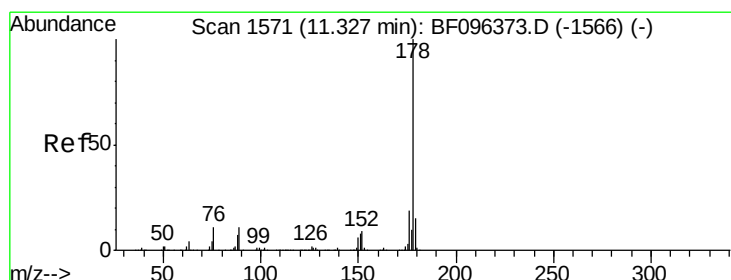
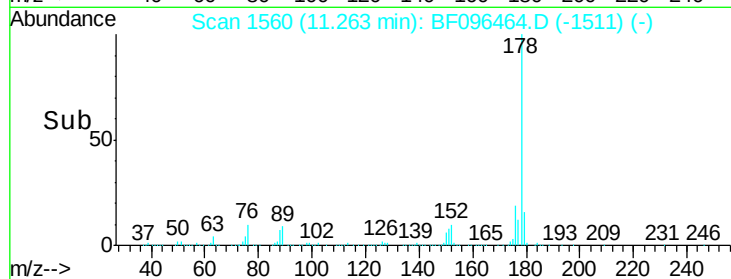
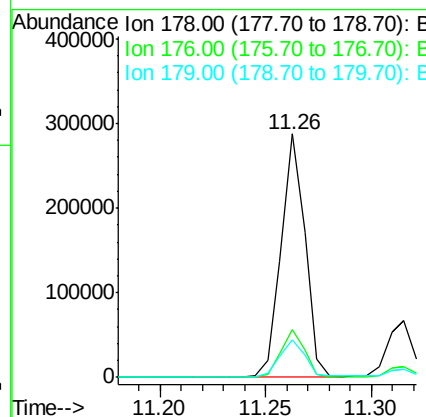
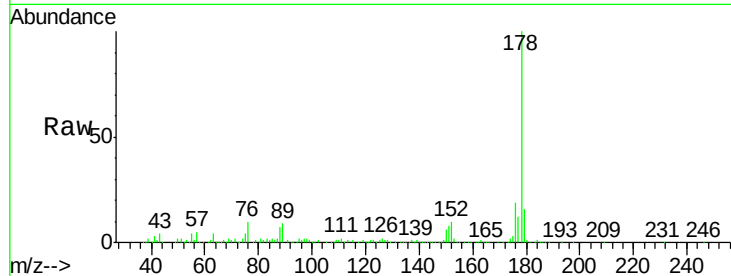
#70
Phenanthrene
Concen: 16.654 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.7	12.6	19.0

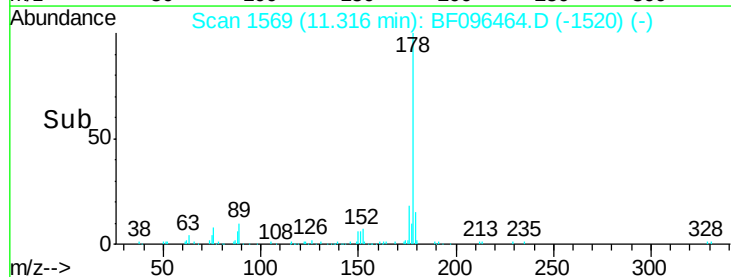
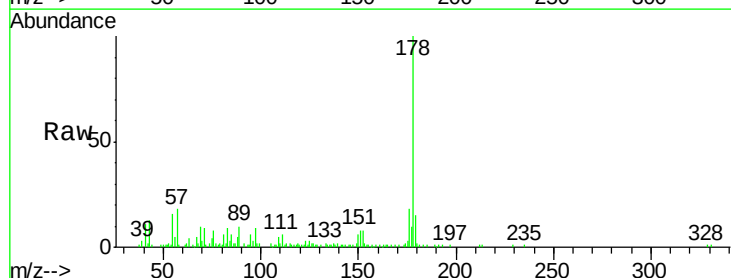
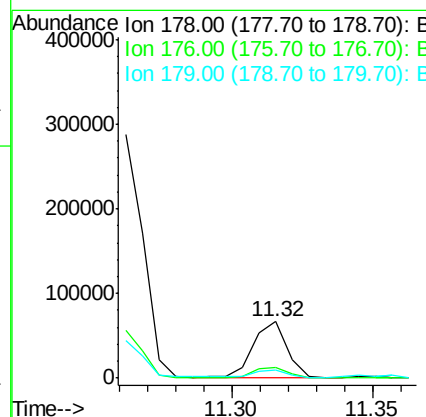
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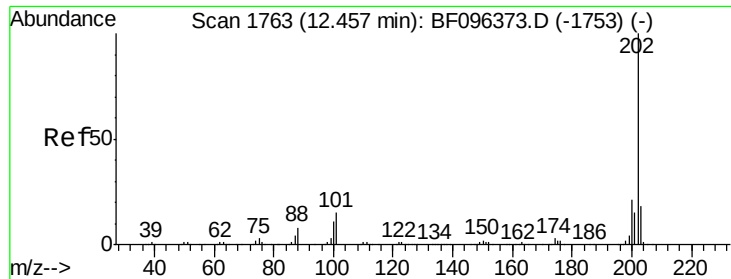
mohammad
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#71
Anthracene
Concen: 4.004 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.2	12.7	19.1





#74

Fluoranthene

Concen: 15.209 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096464.D

Acq: 4 Jul 2017 3:14

Instrument :

BNA_F

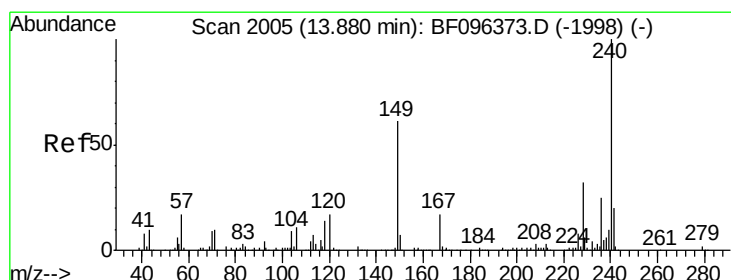
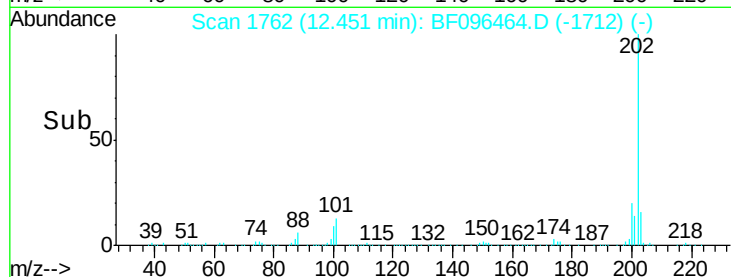
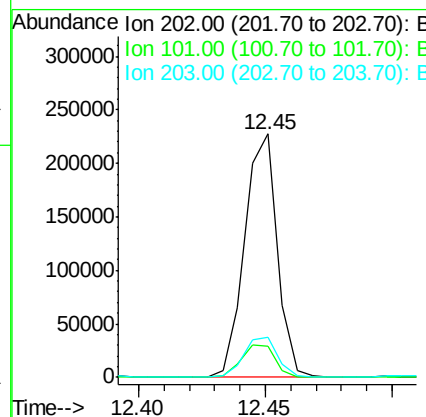
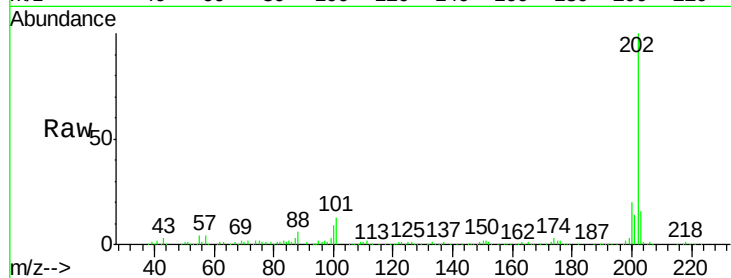
ClientSampleId :

E2-P4-BASE

Tgt	Ion	202	Resp:	203688
Ion	Ratio	Lower	Upper	
202	100			
101	12.6	0.0	33.2	
203	16.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

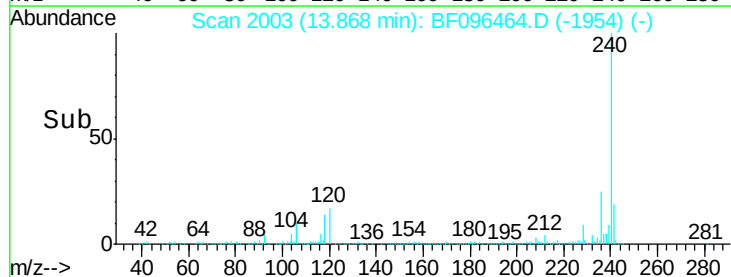
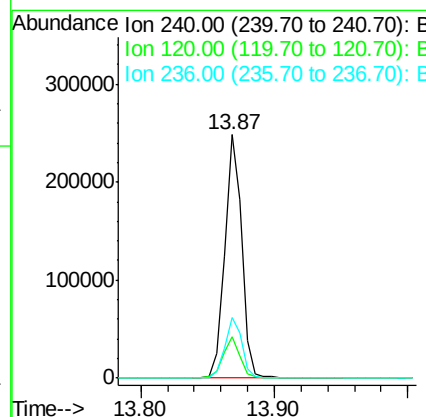
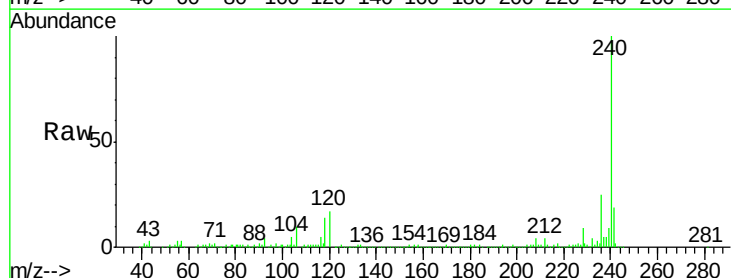
RT: 13.87 min Scan# 2003

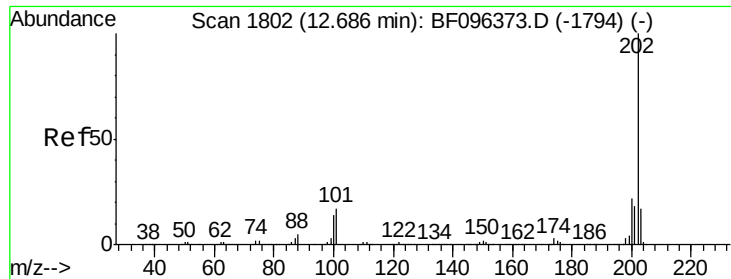
Delta R.T. -0.01 min

Lab File: BF096464.D

Acq: 4 Jul 2017 3:14

Tgt	Ion	240	Resp:	222565
Ion	Ratio	Lower	Upper	
240	100			
120	17.2	5.8	8.8#	
236	24.6	20.5	30.7	





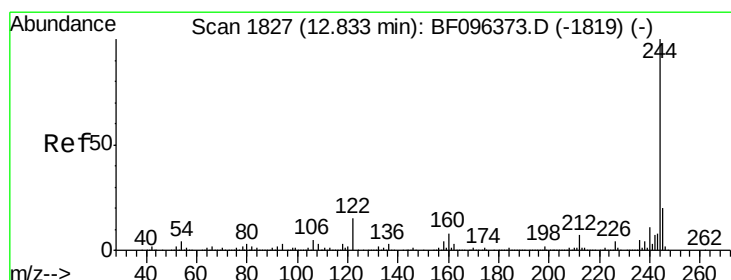
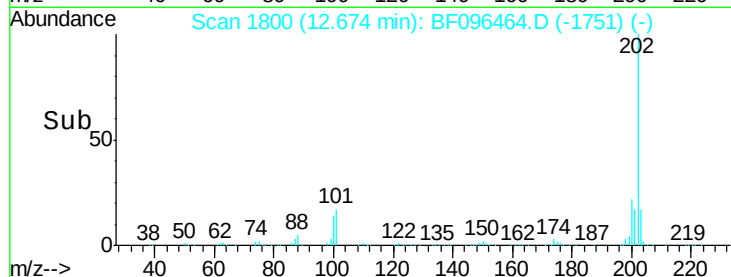
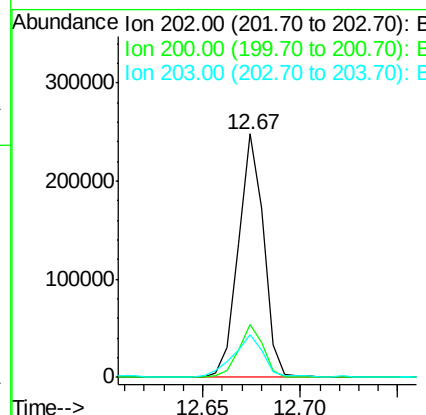
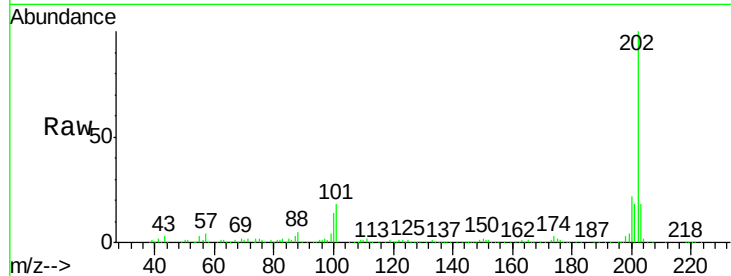
#77
 Pyrene
 Concen: 12.415 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF096464.D
 Acq: 4 Jul 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-P4-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.8	17.6	26.4
203	17.7	14.4	21.6

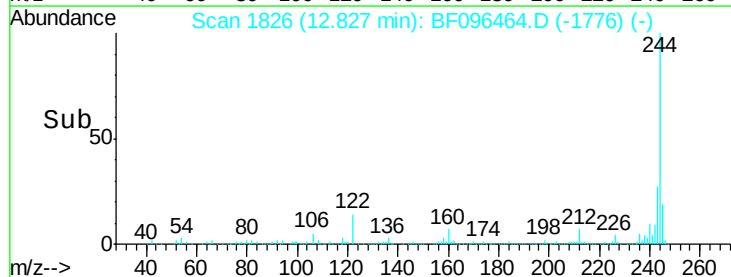
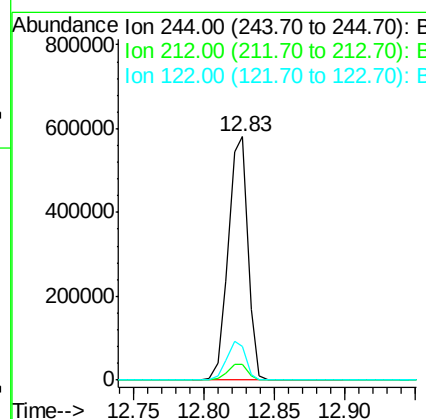
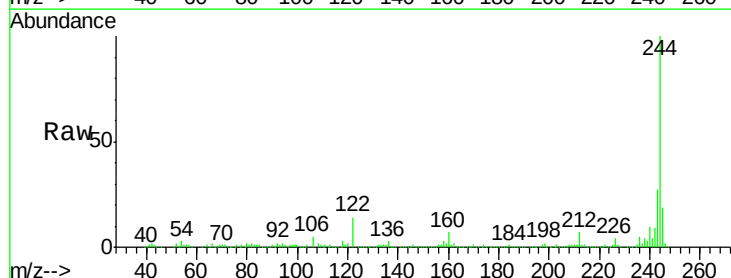
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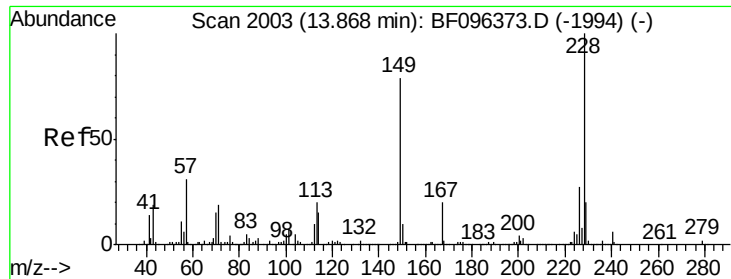
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#78
 Terphenyl-d14
 Concen: 53.893 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096464.D
 Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	13.9	10.3	15.5





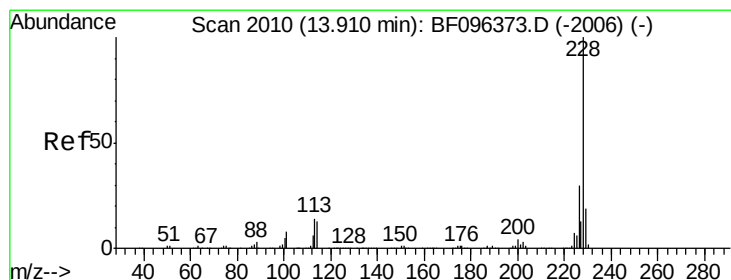
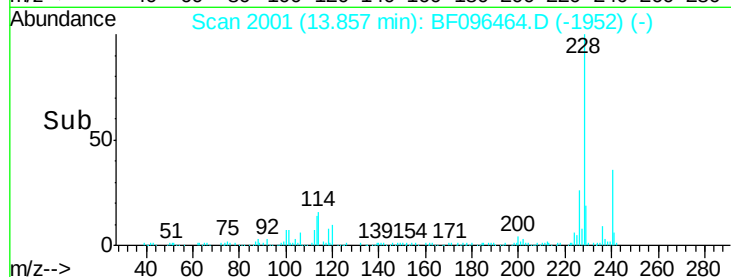
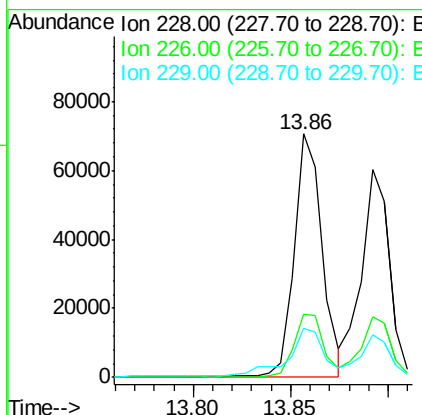
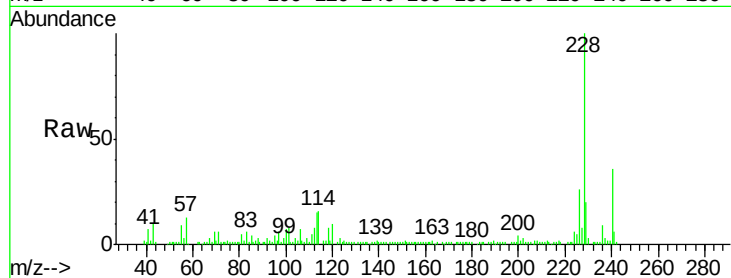
#80
Benzo(a)anthracene
Concen: 5.433 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	33.8
229	20.0	16.3	24.5

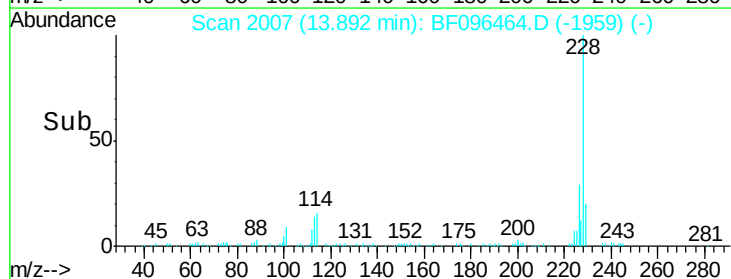
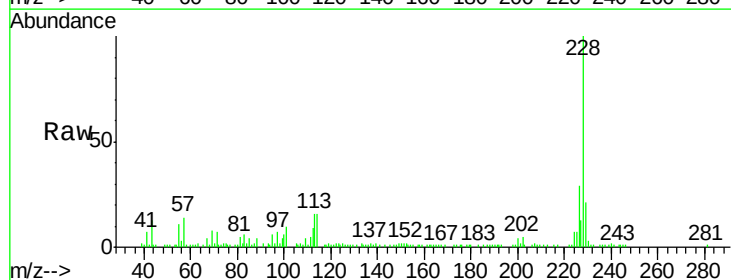
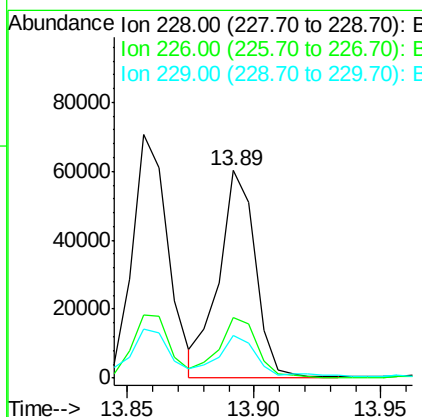
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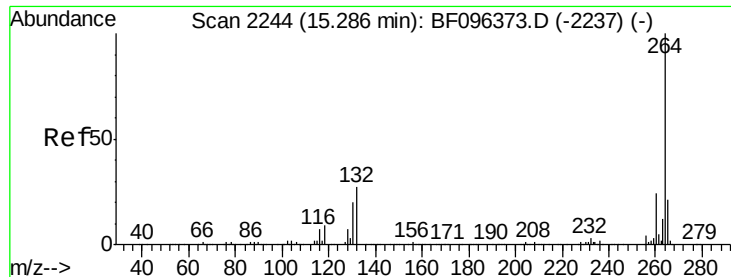
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#82
Chrysene
Concen: 4.484 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	20.7	15.8	23.6





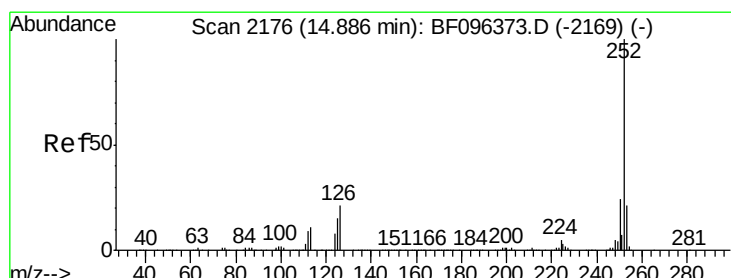
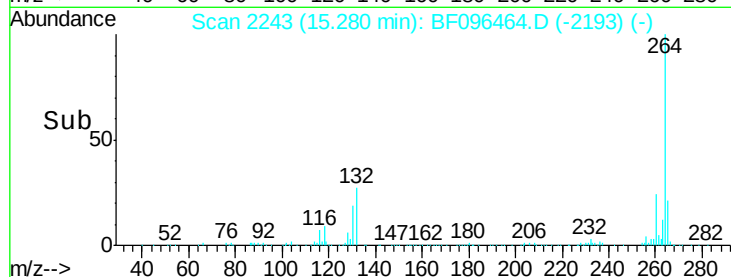
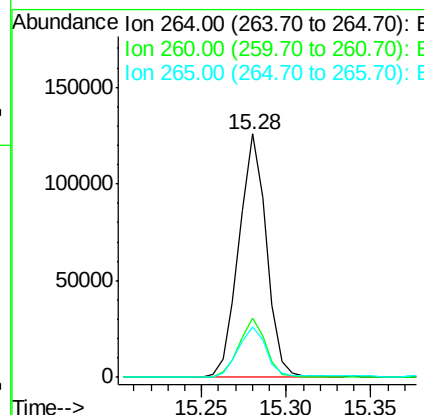
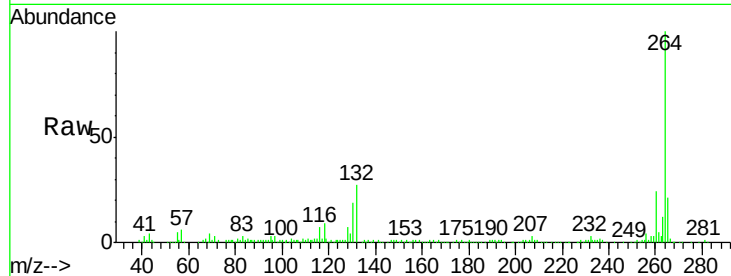
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.8	17.2	25.8

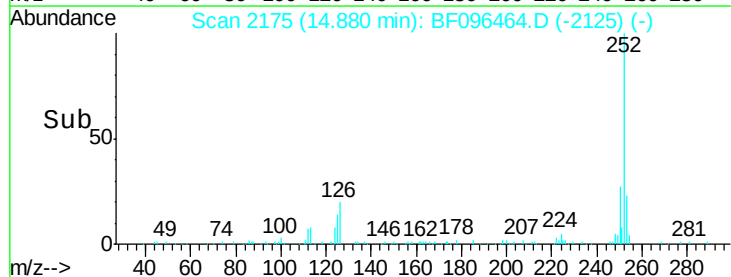
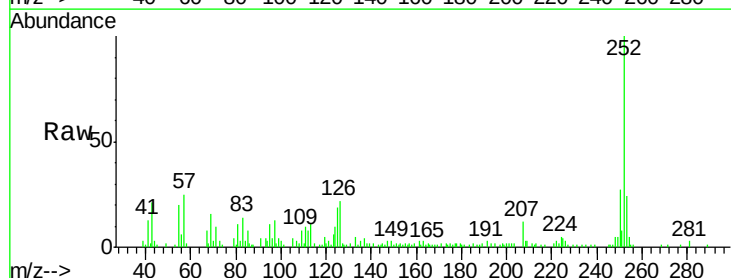
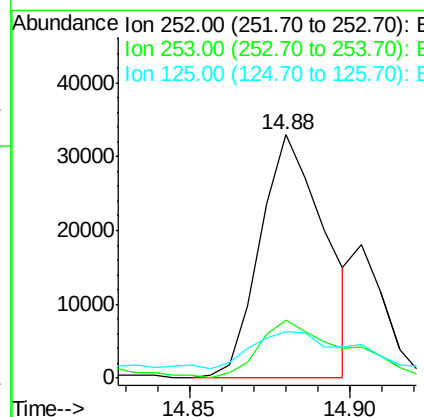
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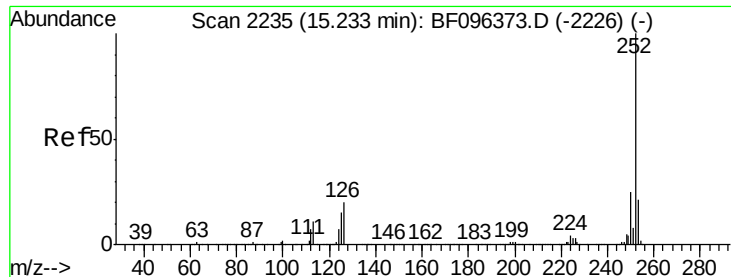
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#87
Benzo(b)fluoranthene
Concen: 5.141 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	18.9	9.8	14.8#





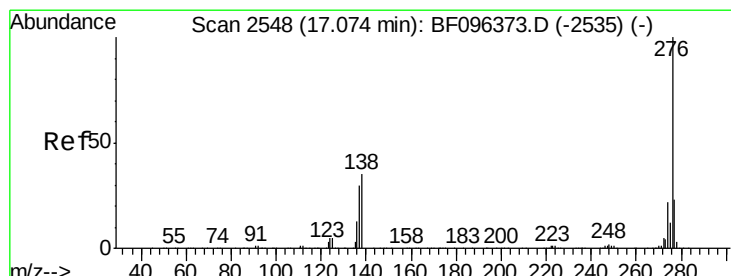
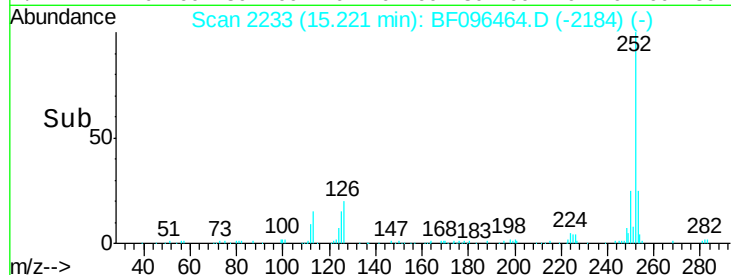
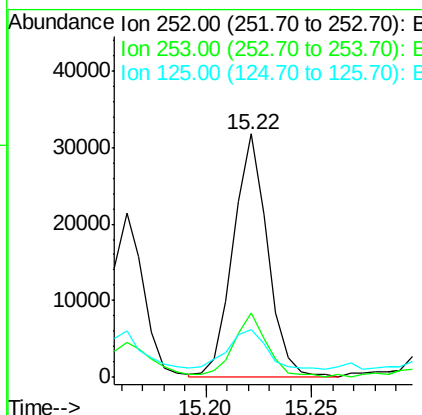
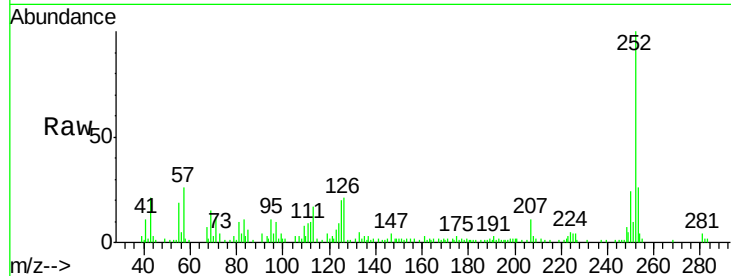
#89
Benzo(a)pyrene
Concen: 4.456 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Instrument :
BNA_F
ClientSampleId :
E2-P4-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3
125	19.6	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 2.522 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF096464.D
Acq: 4 Jul 2017 3:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	40.7	25.4	38.0

