

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096717.D
 Acq On : 13 Jul 2017 4:00
 Operator : SJ/JU
 Sample : I4130-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-WSW

Manual Integrations
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Quant Time: Jul 13 04:35:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	125561	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	538381	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	200701	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	287885	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	218348	20.00	ng	-0.04
86) Perylene-d12	15.20	264	191843	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	632820	74.39	ng	-0.04
7) Phenol-d6	6.31	99	772112	73.83	ng	-0.04
23) Nitrobenzene-d5	7.23	82	448021	50.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	122207	77.95	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	682303	58.13	ng	-0.04
78) Terphenyl-d14	12.76	244	373188	36.52	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	200588	13.388	ng	98
70) Phenanthrene	11.20	178	148682	9.554	ng	99
71) Anthracene	11.25	178	35472	2.237	ng	96
74) Fluoranthene	12.38	202	197657	12.954	ng	95
77) Pyrene	12.61	202	178147	10.165	ng	98
80) Benzo(a)anthracene	13.79	228	91458	7.233	ng	99
82) Chrysene	13.83	228	80380	6.071	ng	97
83) Bis(2-ethylhexyl)phthalate	13.80	149	29723	3.001	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.52	276	36436	3.486	ng	93
87) Benzo(b)fluoranthene	14.81	252	94751m	7.882	ng	
88) Benzo(k)fluoranthene	14.83	252	36679m	3.411	ng	
89) Benzo(a)pyrene	15.14	252	69988	6.521	ng	99
91) Benzo(g,h,i)perylene	16.92	276	32619	3.728	ng	96

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

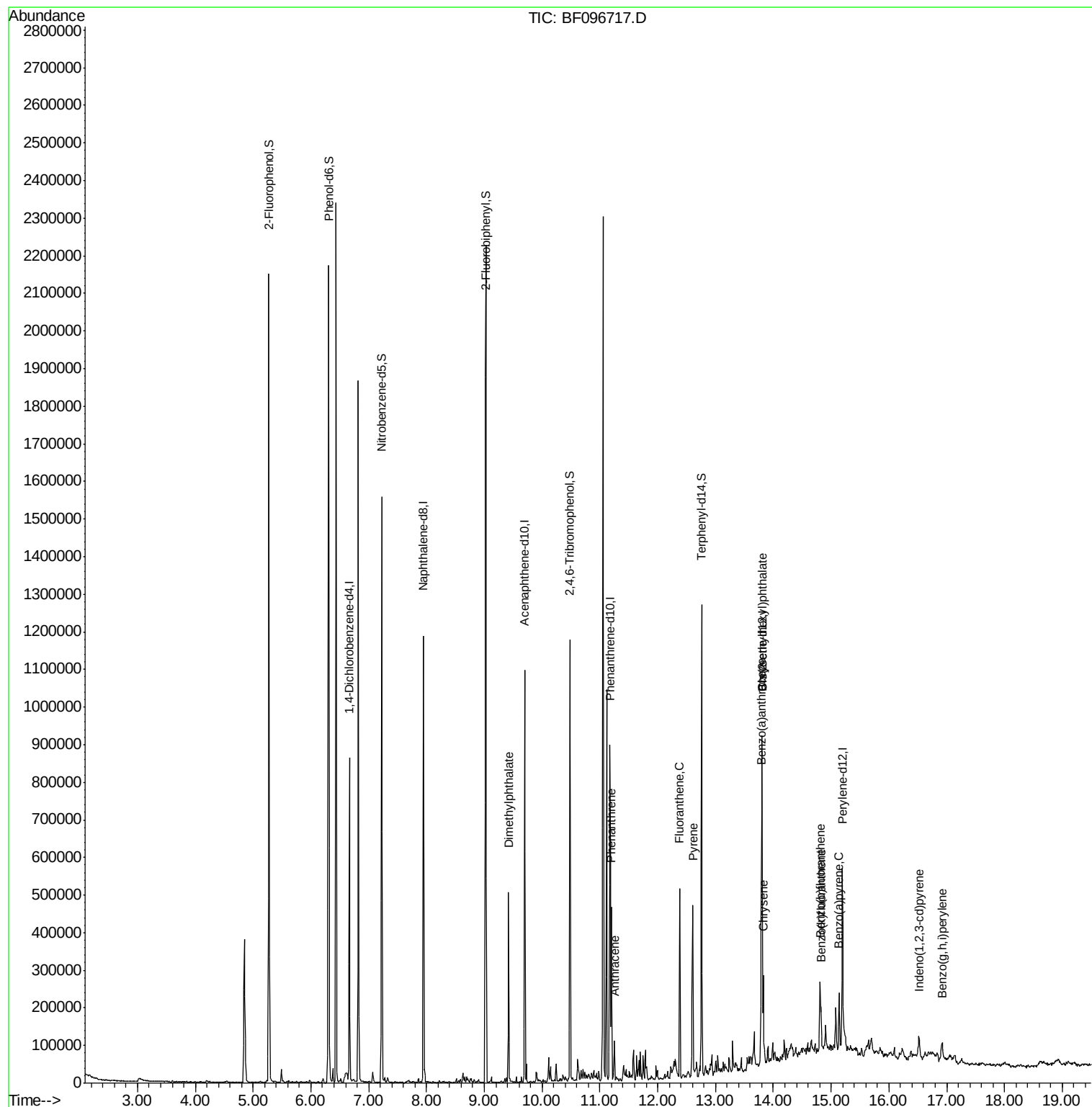
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
Data File : BF096717.D
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Operator : SJ/JU
Sample : I4130-18
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ALS Vial : 30 Sample Multiplier: 1

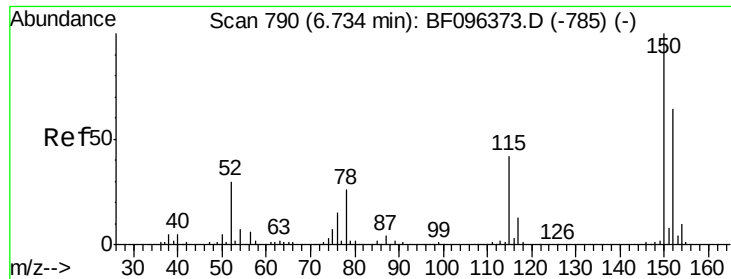
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

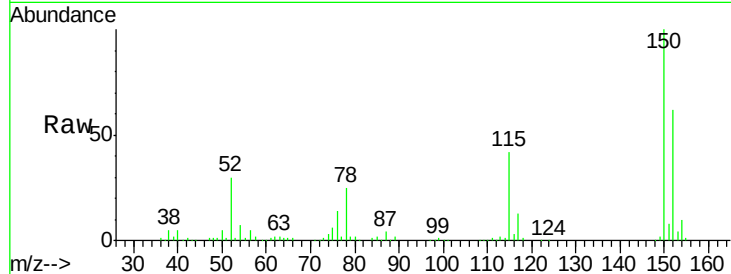
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Instrument :
BNA_F
ClientSampleId :
E2-HS3-WSW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.2
115	68.5	52.2	78.2

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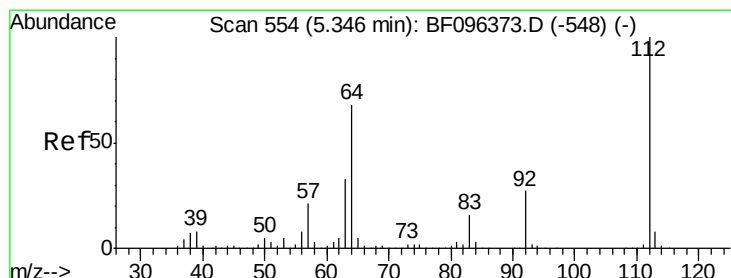
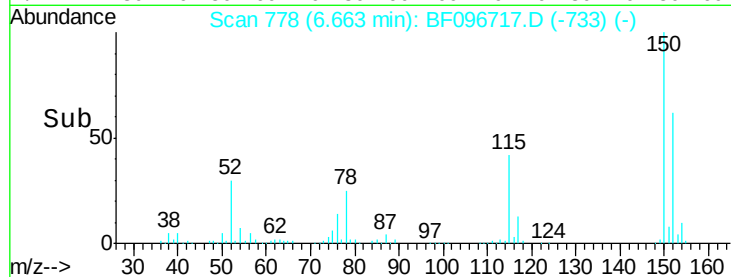
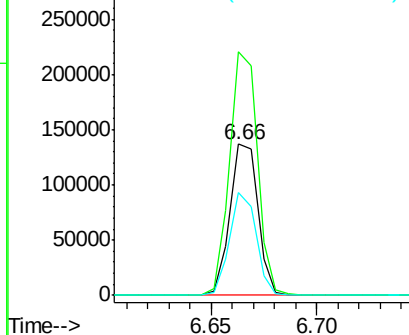


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

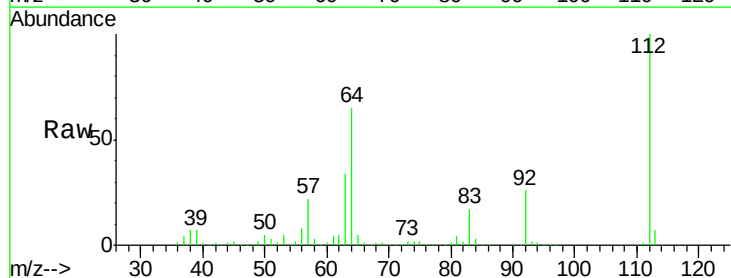
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.388 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	33.7	23.4	35.0

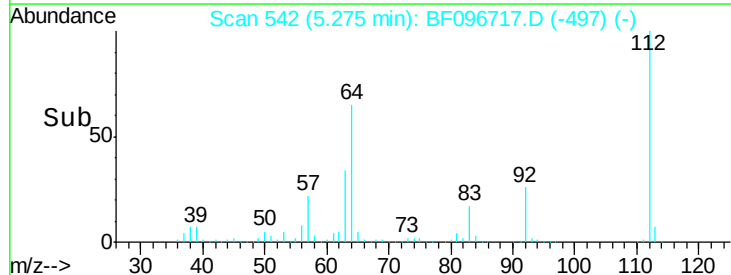
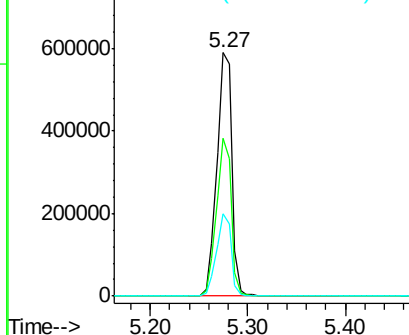


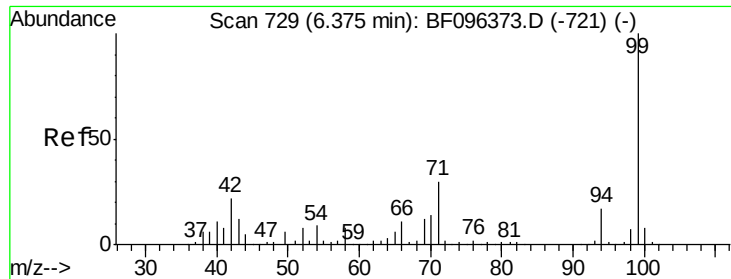
Abundance

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: 73.828 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096717.D

Acq: 13 Jul 2017 4:00

Instrument :

BNA_F

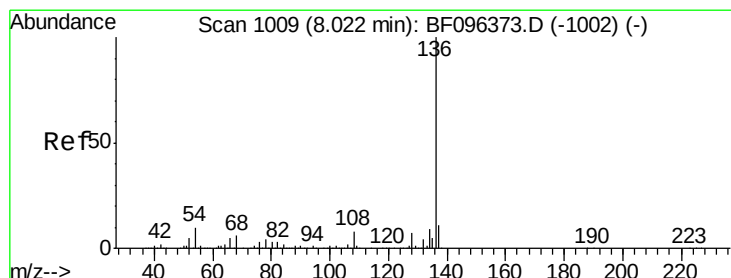
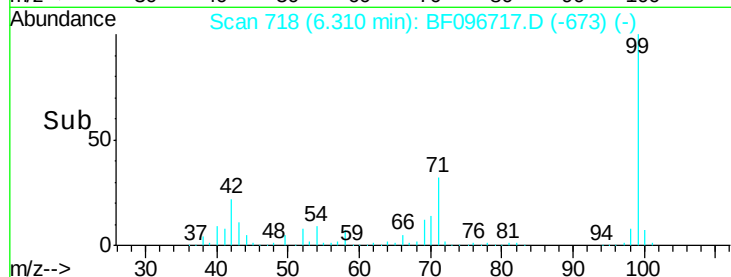
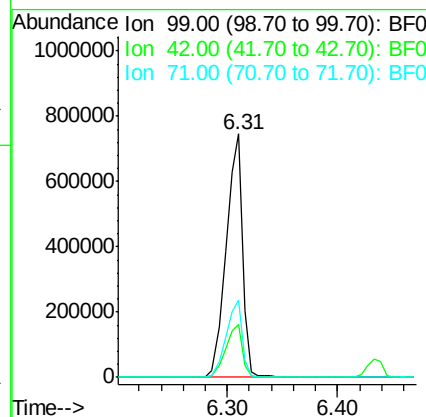
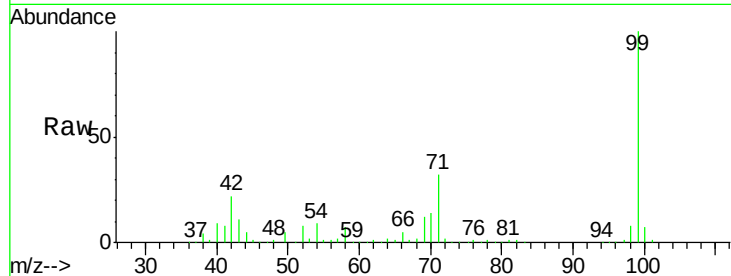
ClientSampleId :

E2-HS3-WSW

Tgt Ion:	99	Resp:	772112
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	31.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

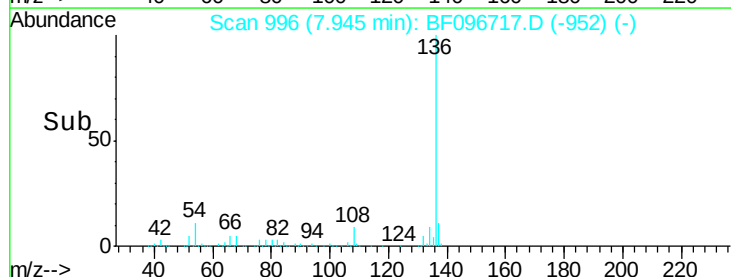
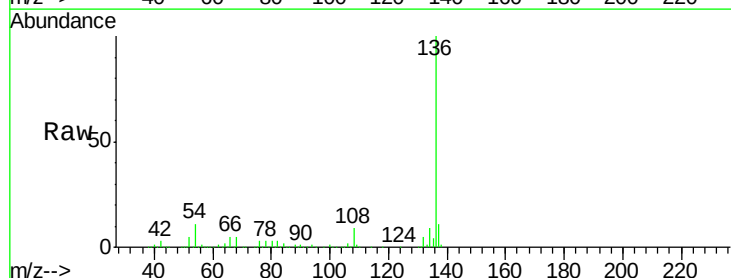
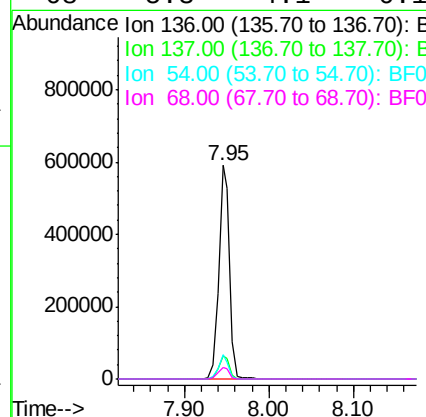
RT: 7.95 min Scan# 996

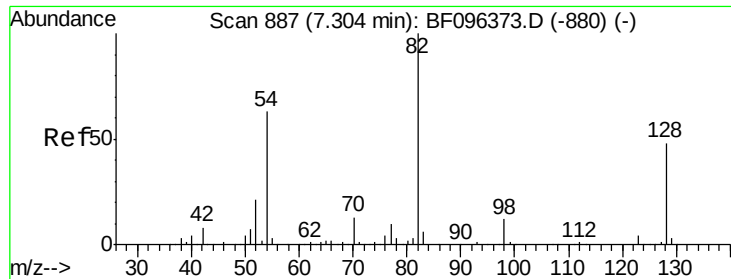
Delta R.T. -0.04 min

Lab File: BF096717.D

Acq: 13 Jul 2017 4:00

Tgt Ion:	136	Resp:	538381
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	11.2	4.9	7.3#
68	5.3	4.1	6.1





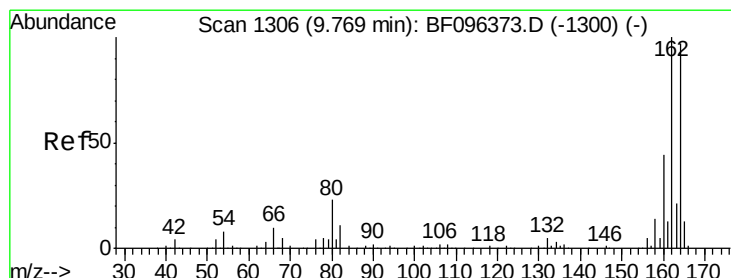
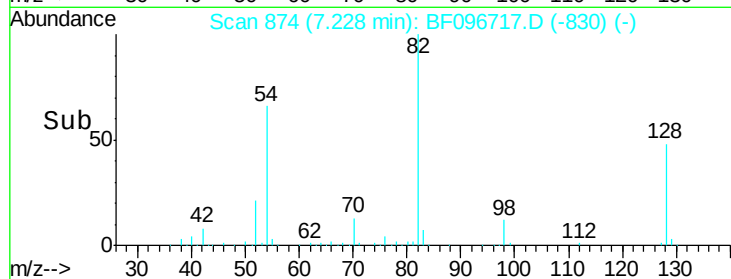
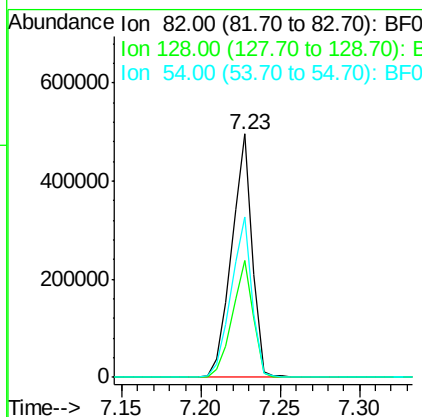
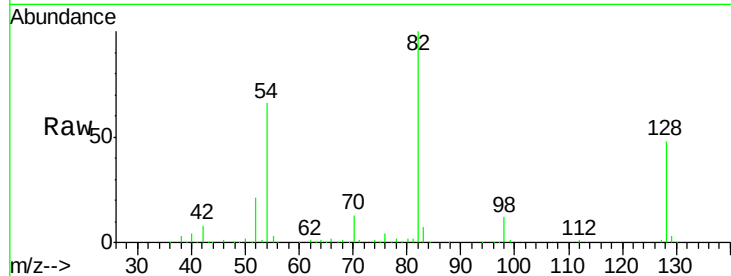
#23
 Nitrobenzene-d5
 Concen: 50.005 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-WSW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	65.7	42.2	63.2

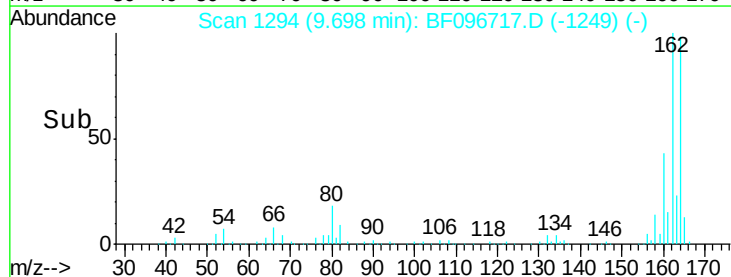
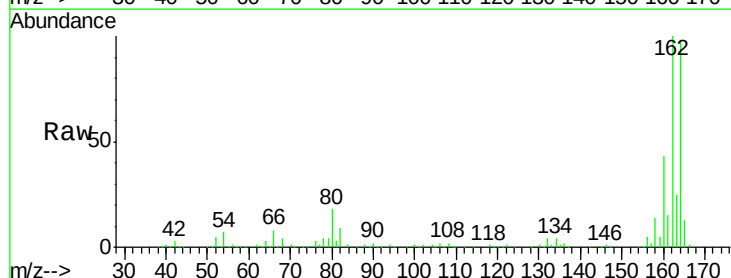
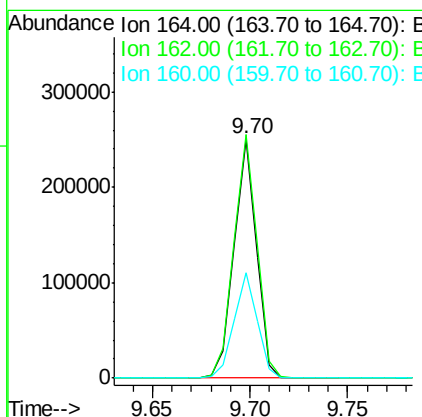
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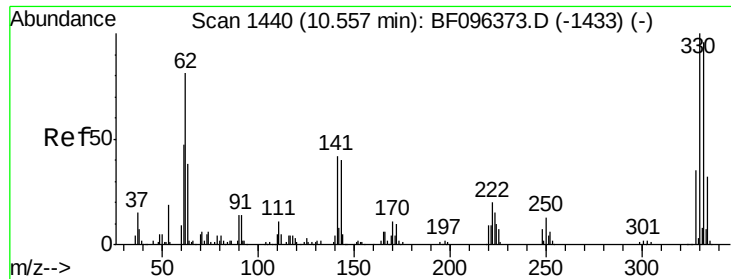
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	43.9	36.2	54.2





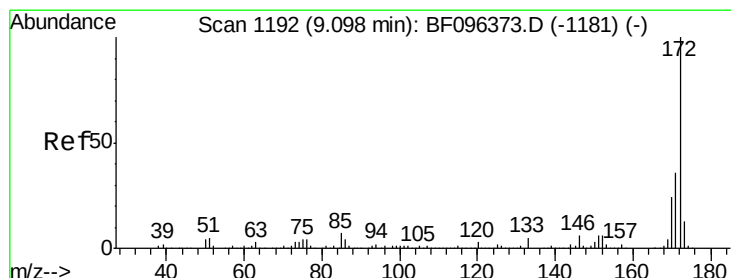
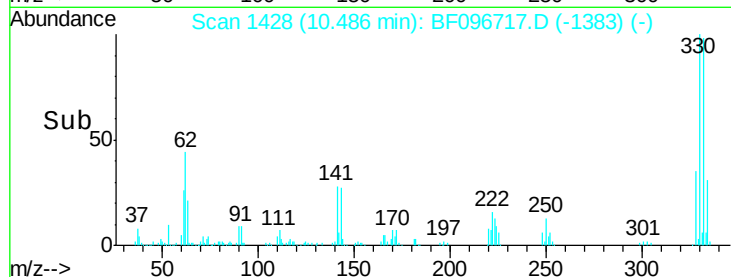
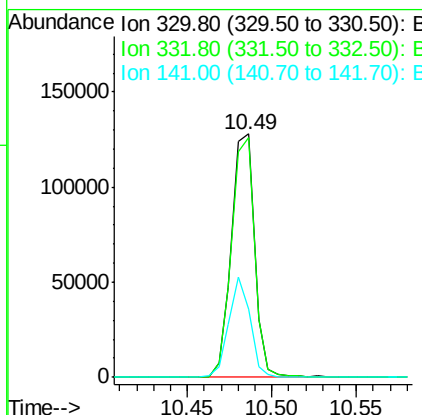
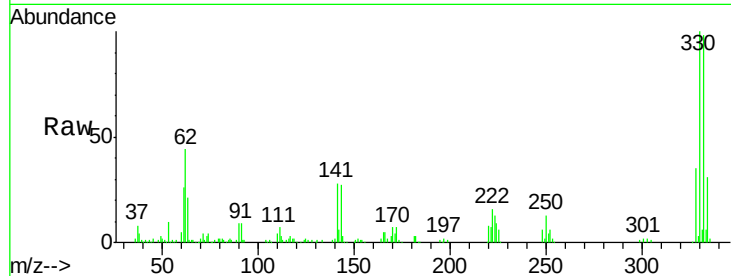
#41
 2,4,6-Tribromophenol
 Concen: 77.952 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-WSW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	122207		
332	98.1	76.6	115.0	
141	37.8	31.4	47.2	

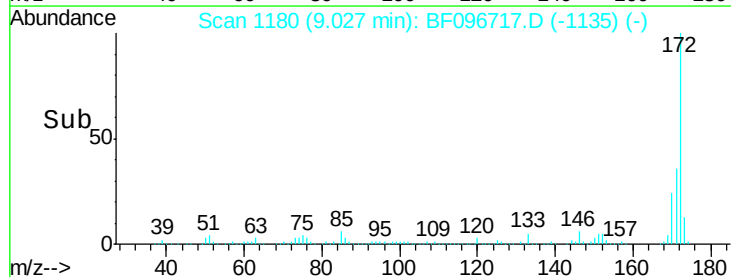
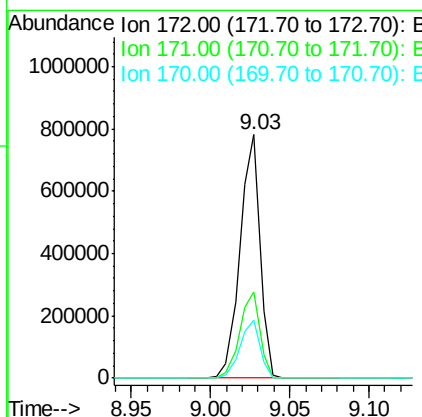
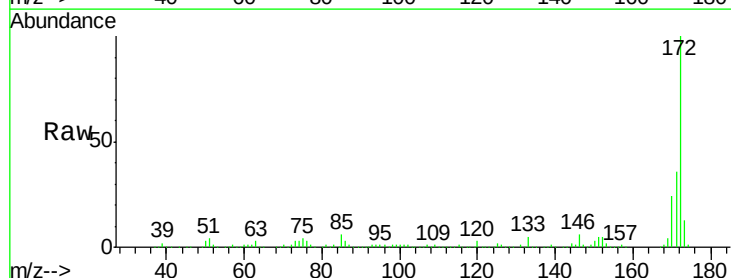
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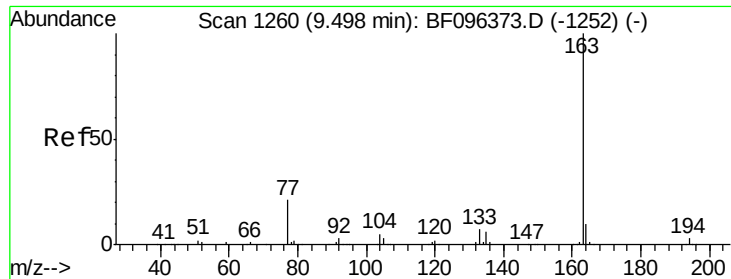
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#44
 2-Fluorobiphenyl
 Concen: 58.125 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	682303		
171	35.6	29.6	44.4	
170	24.0	19.8	29.8	





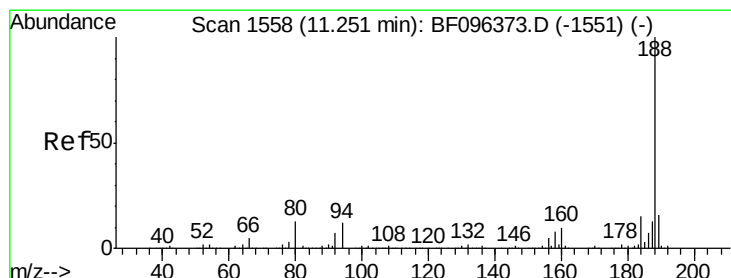
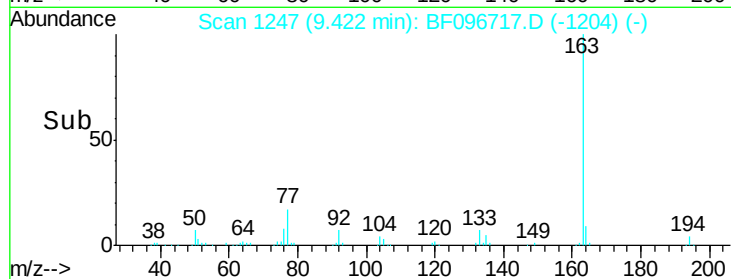
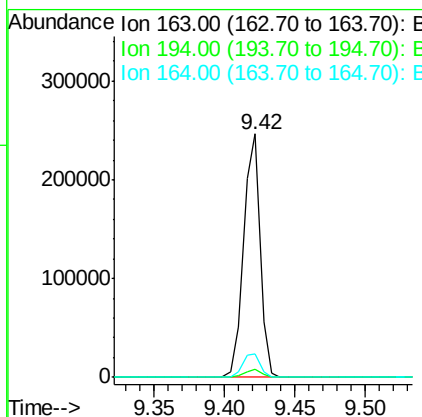
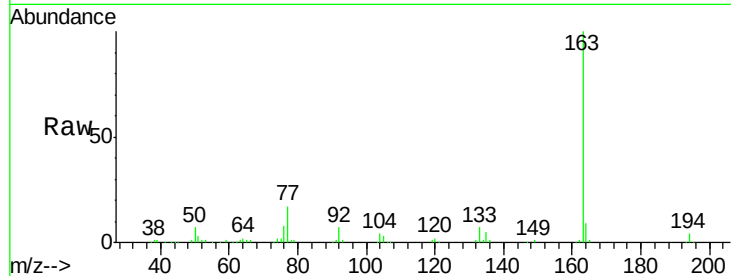
#49
Dimethylphthalate
Concen: 13.388 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Instrument :
BNA_F
ClientSampleId :
E2-HS3-WSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

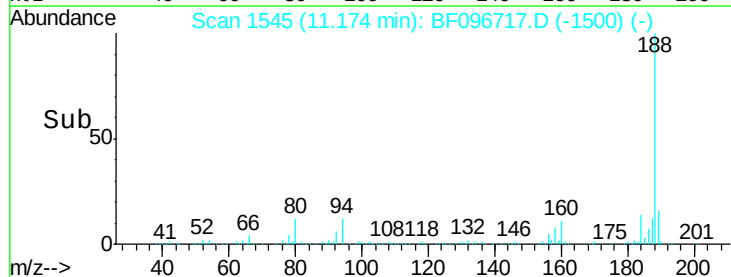
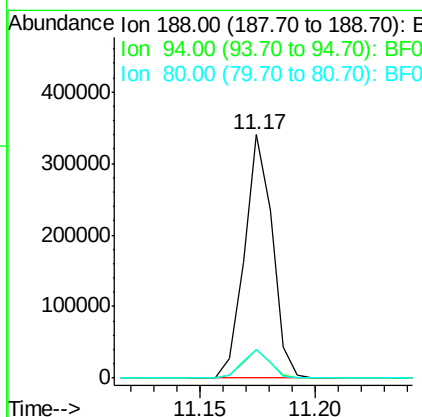
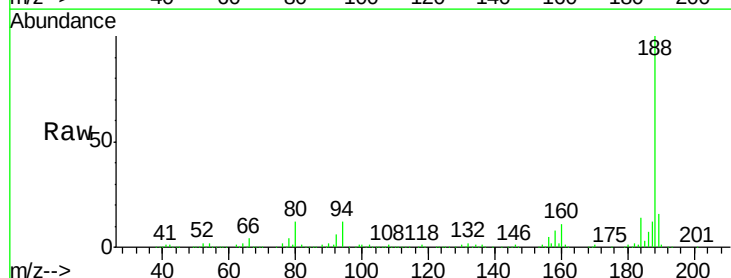
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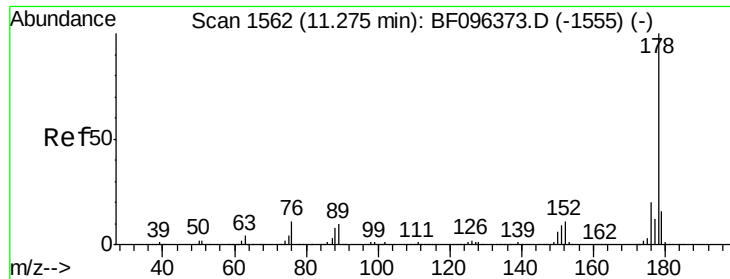
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	9.4	14.2
80	11.8	10.2	15.2





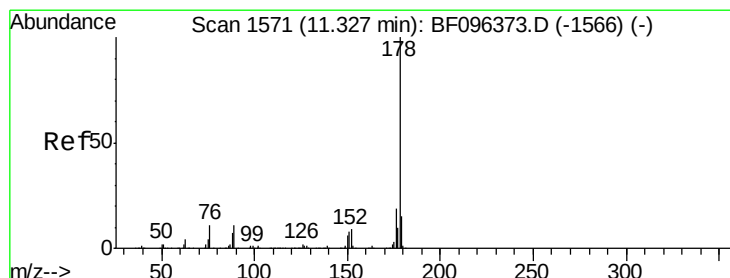
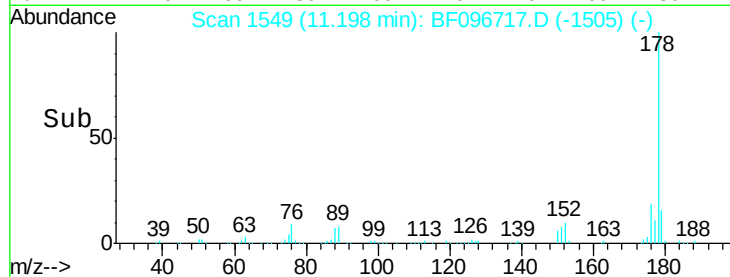
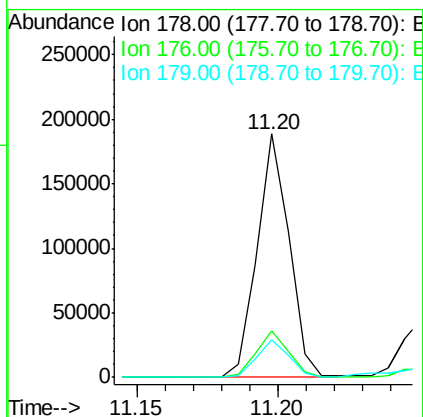
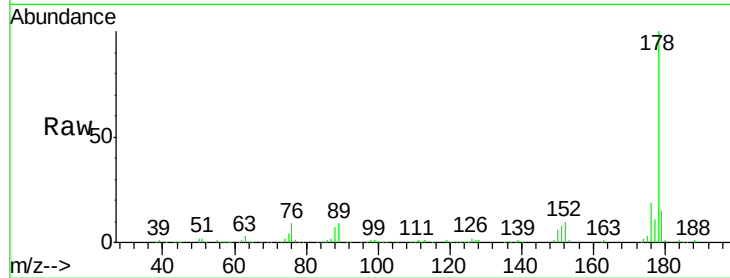
#70
Phenanthrene
Concen: 9.554 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Instrument :
BNA_F
ClientSampleId :
E2-HS3-WSW

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	148682		
176	19.3	16.2	24.4	
179	15.5	12.6	19.0	

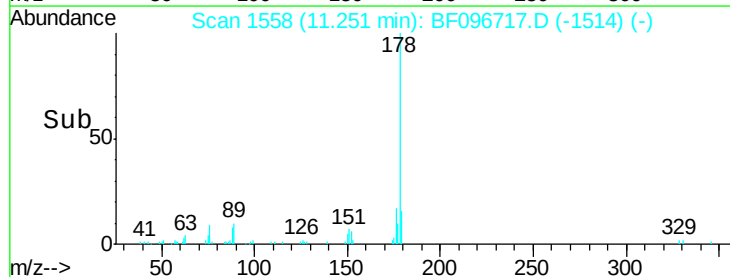
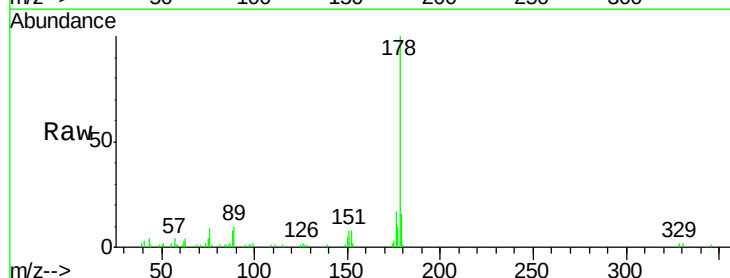
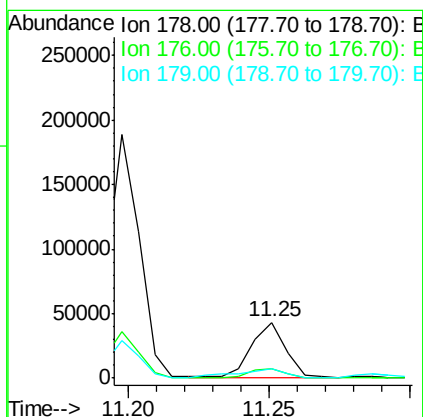
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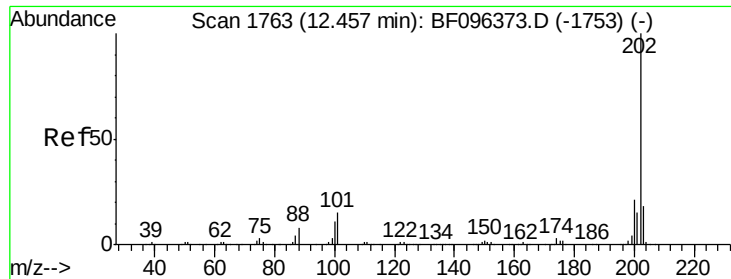
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#71
Anthracene
Concen: 2.237 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	35472		
176	16.6	15.8	23.8	
179	16.0	12.7	19.1	





#74

Fluoranthene

Concen: 12.954 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.04 min

Lab File: BF096717.D

Acq: 13 Jul 2017 4:00

Instrument :

BNA_F

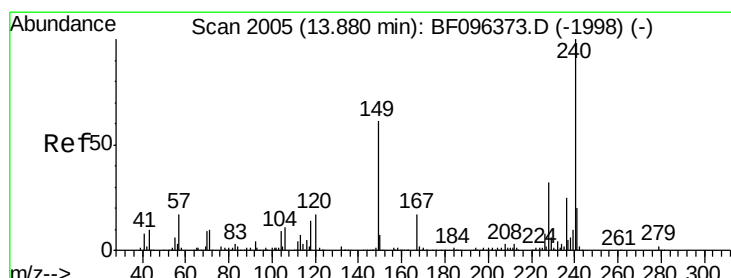
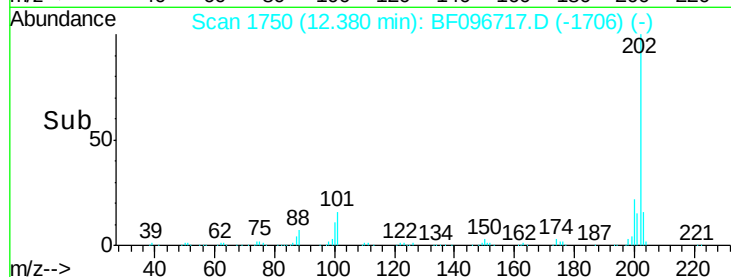
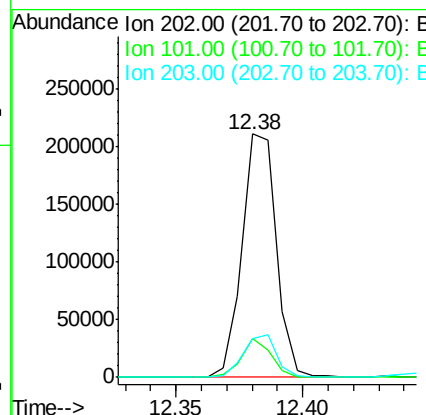
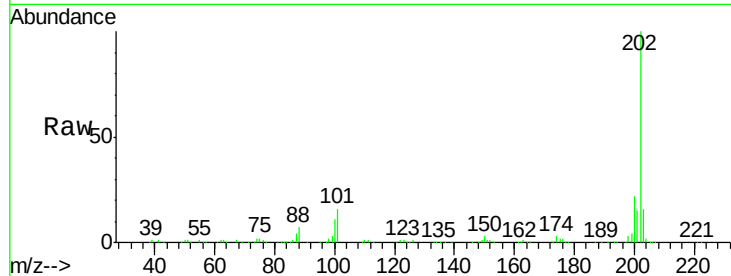
ClientSampleId :

E2-HS3-WSW

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		197657		
101	15.8	0.0	33.2		
203	16.1	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

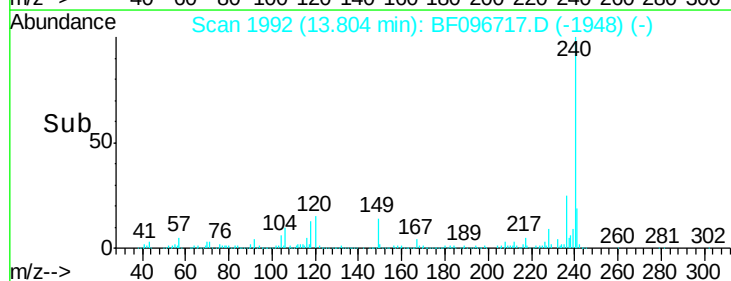
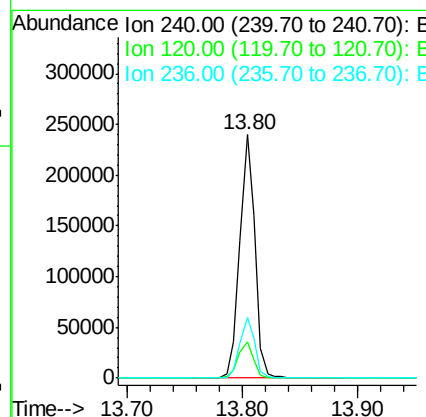
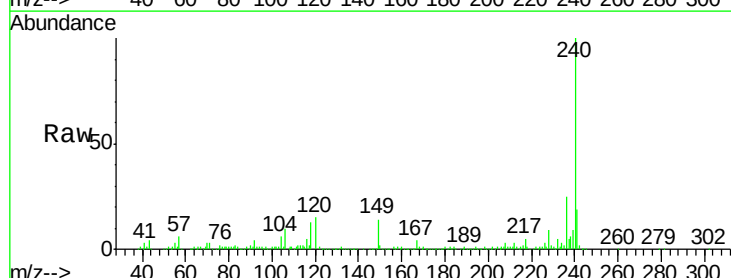
RT: 13.80 min Scan# 1992

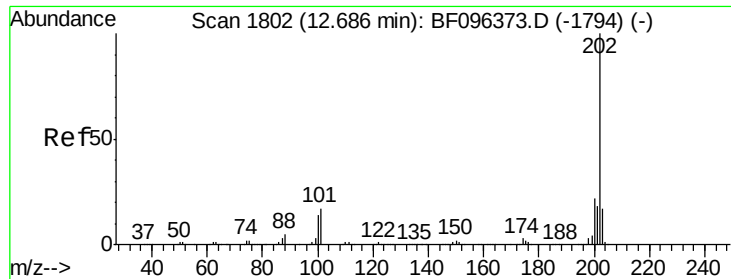
Delta R.T. -0.04 min

Lab File: BF096717.D

Acq: 13 Jul 2017 4:00

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		218348		
120	14.9	5.8	8.8#		
236	24.8	20.5	30.7		





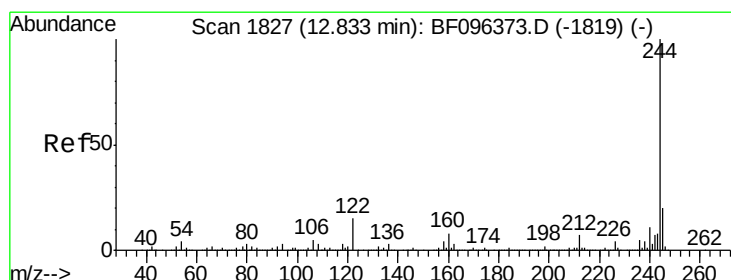
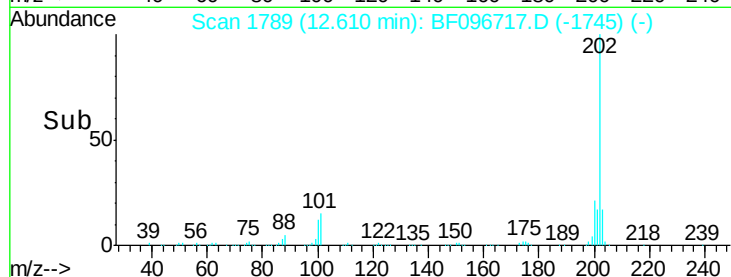
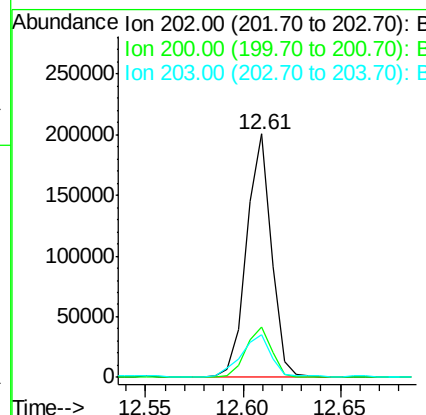
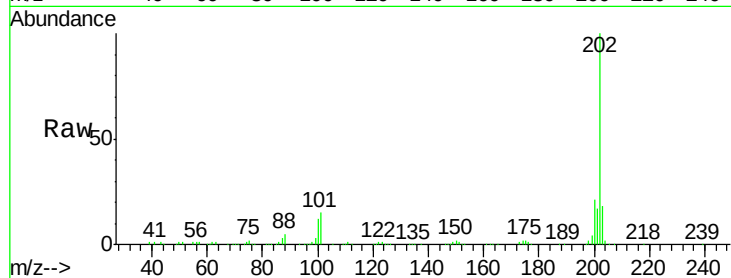
#77
 Pyrene
 Concen: 10.165 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-WSW

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.6	14.4	21.6

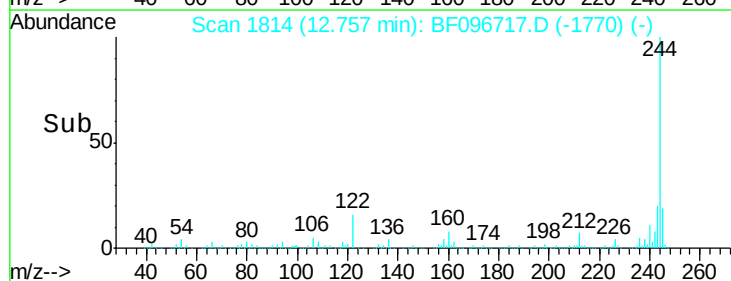
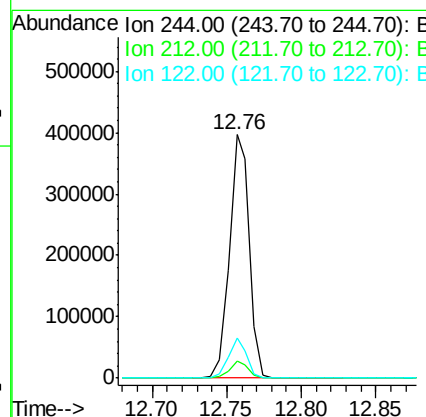
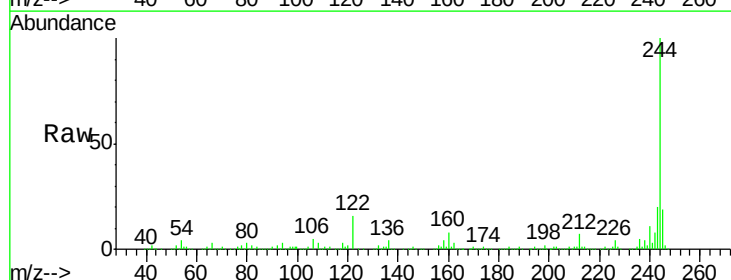
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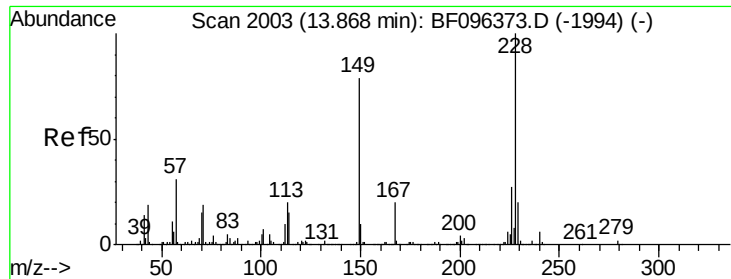
mohammad
 7/13/2017 1:38:22 PM



#78
 Terphenyl-d14
 Concen: 36.522 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	16.3	10.3	15.5





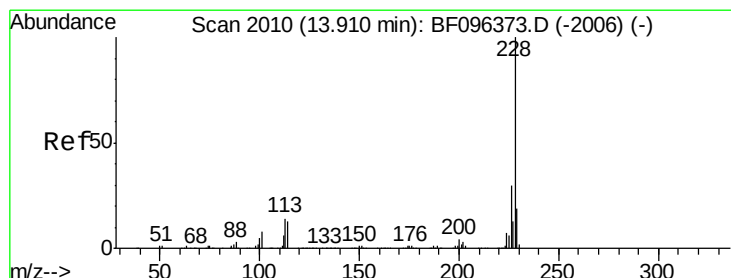
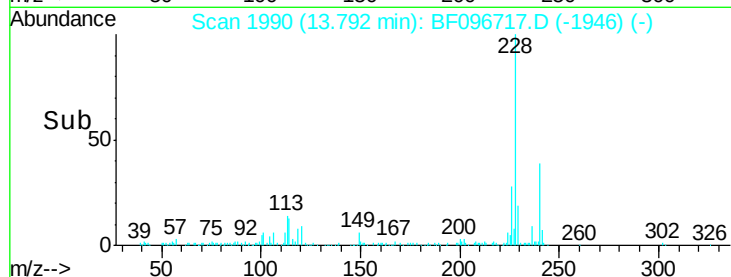
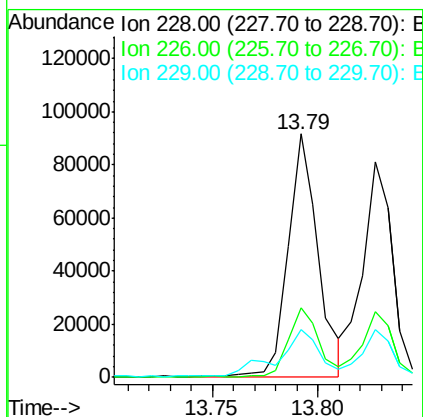
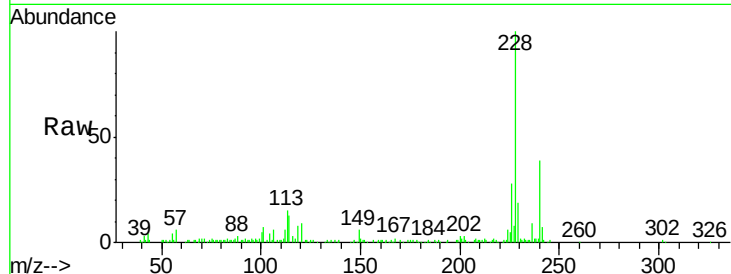
#80
Benzo(a)anthracene
Concen: 7.233 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Instrument :
BNA_F
ClientSampleId :
E2-HS3-WSW

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.4	16.3	24.5

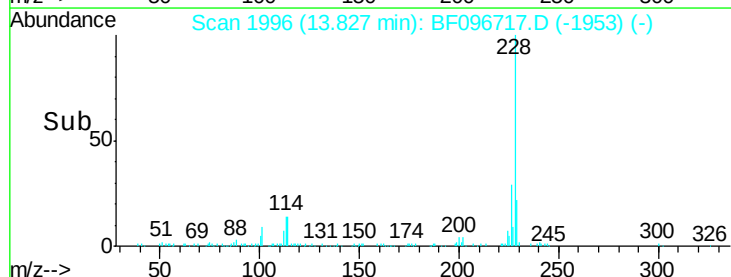
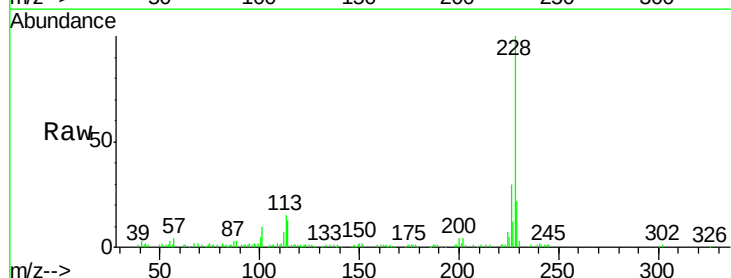
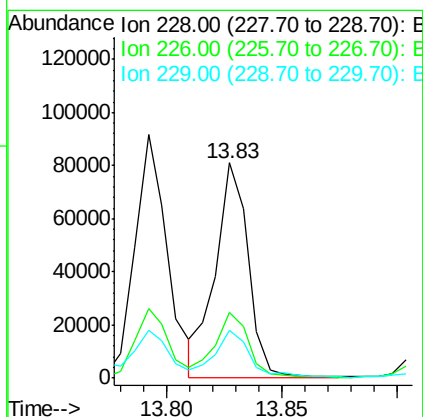
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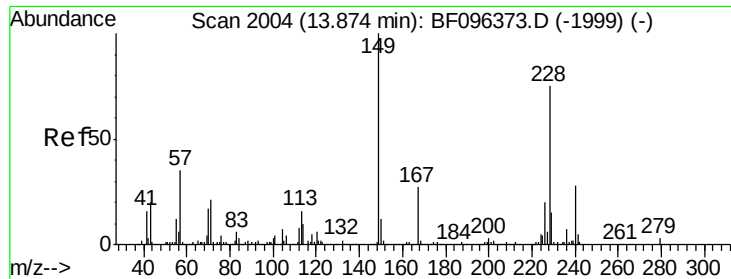
mohammad
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#82
Chrysene
Concen: 6.071 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.05 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	22.3	15.8	23.6





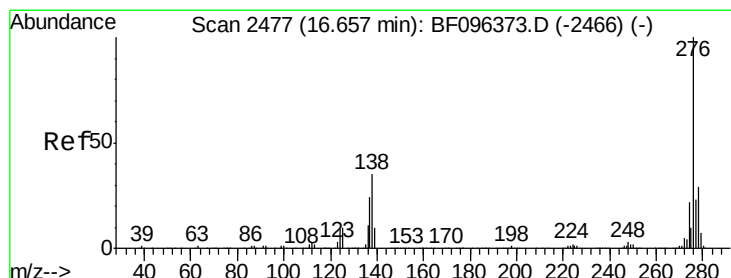
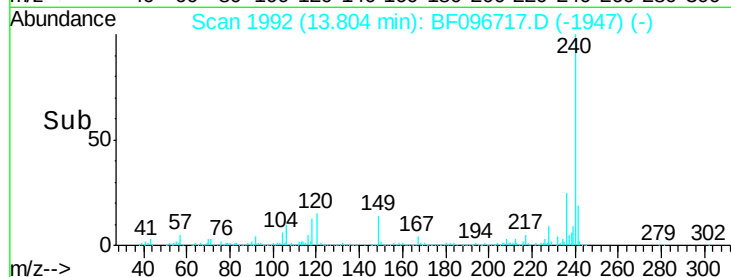
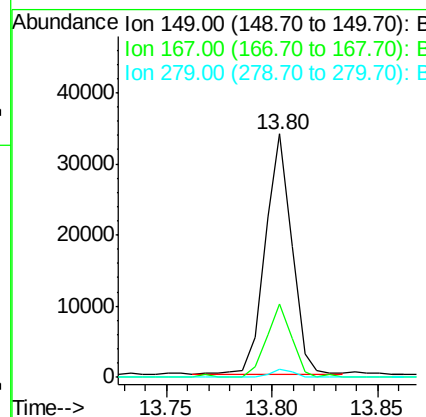
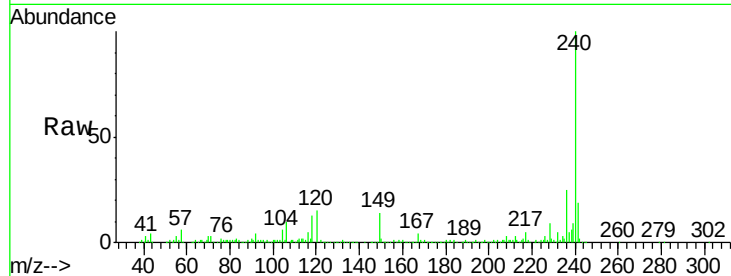
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.001 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.04 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-WSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	30.3	21.0	31.4
279	3.4	1.9	2.9#

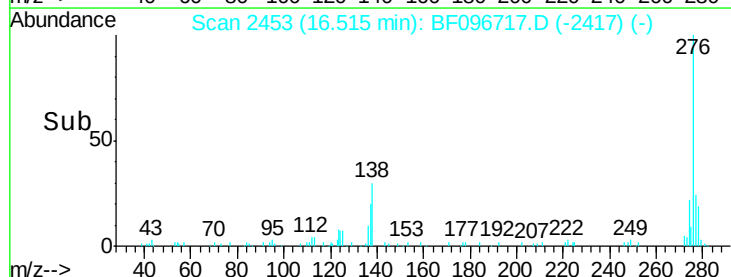
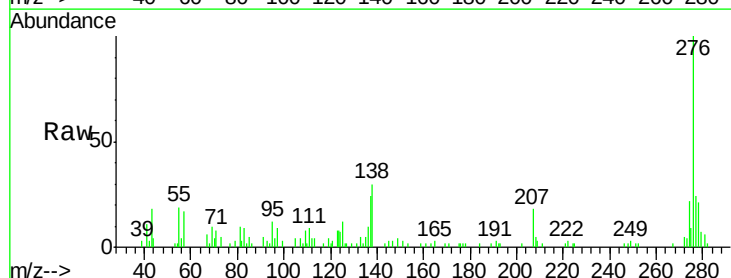
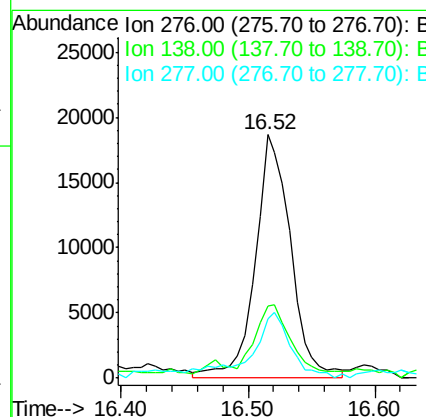
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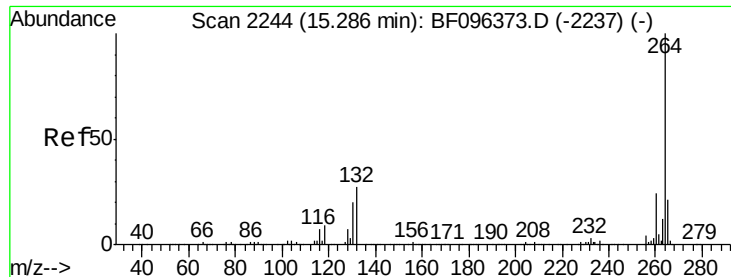
mohammad
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.486 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.09 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.0	27.8	41.6
277	25.9	20.2	30.4





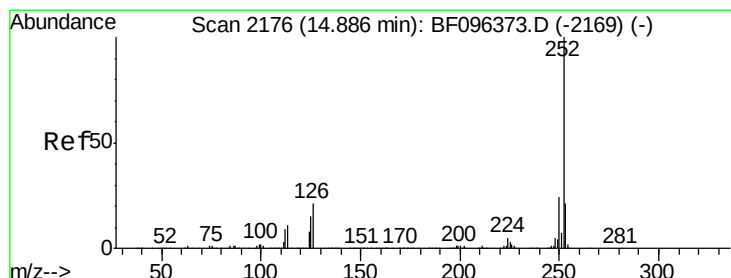
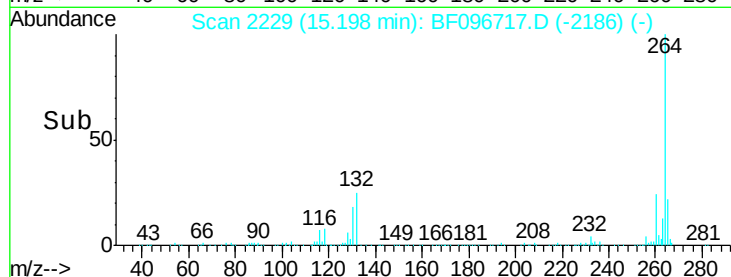
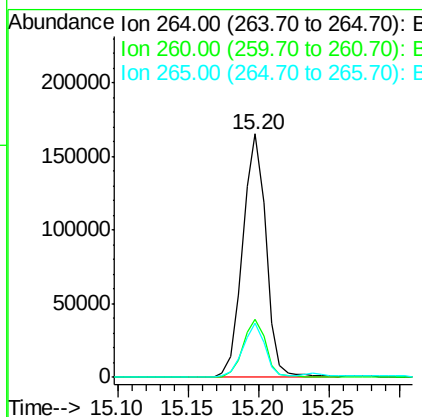
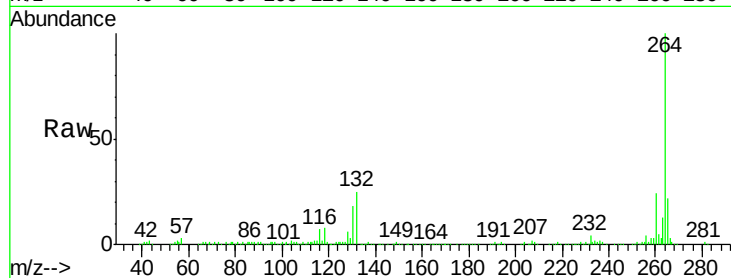
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Instrument :
BNA_F
ClientSampleId :
E2-HS3-WSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.5	29.3
265	22.2	17.2	25.8

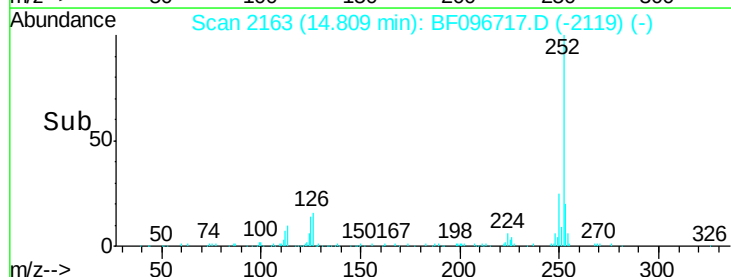
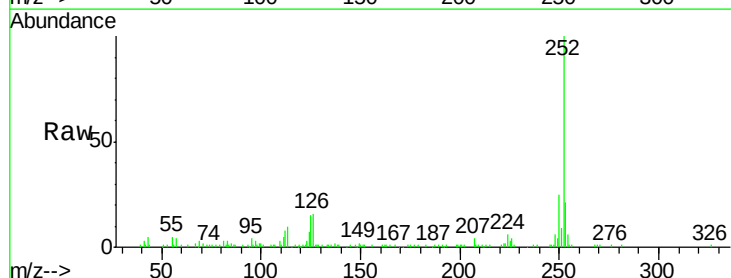
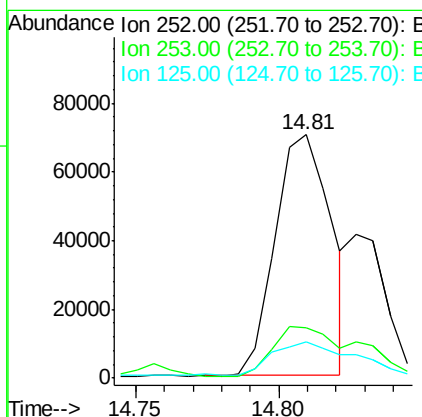
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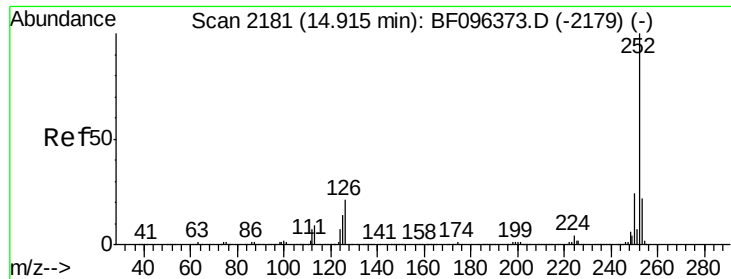
mohammad
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#87
Benzo(b)fluoranthene
Concen: 7.882 ng m
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.9	18.1	27.1
125	14.7	9.8	14.8





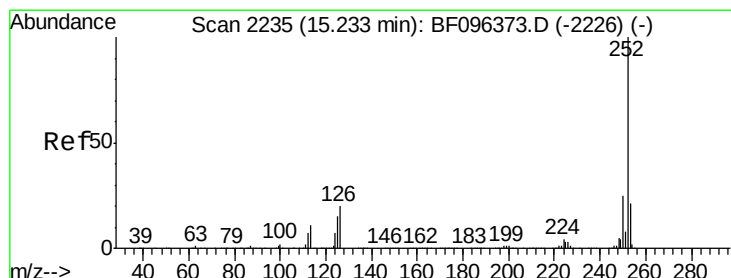
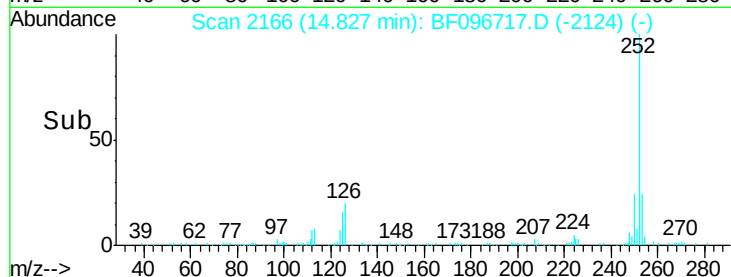
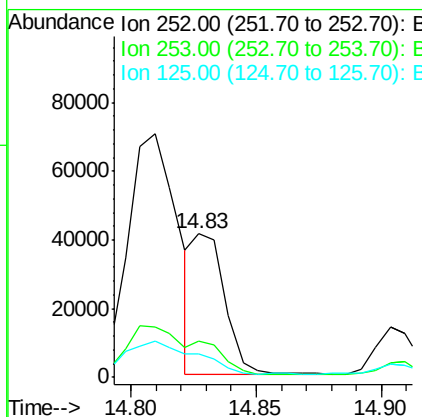
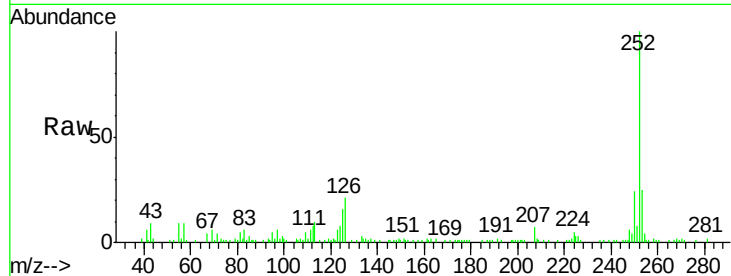
#88
Benzo(k)fluoranthene
Concen: 3.411 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Instrument :
BNA_F
ClientSampleId :
E2-HS3-WSW

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	16.3	13.1	19.7

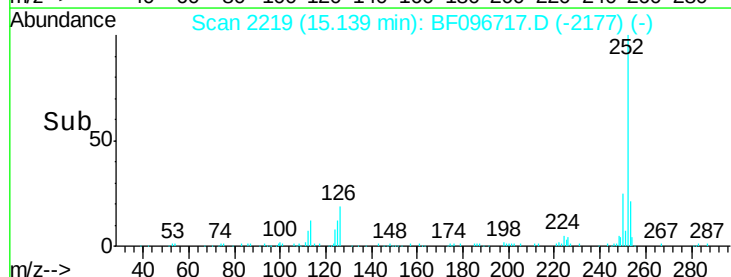
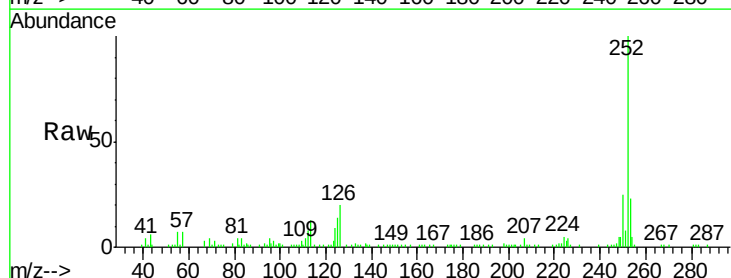
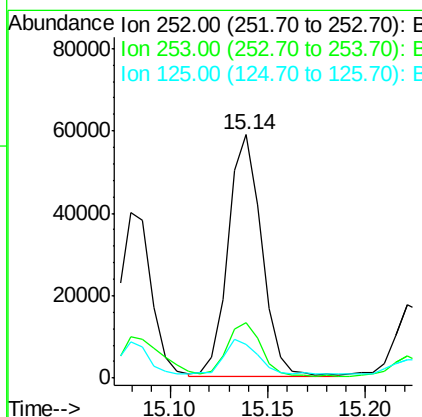
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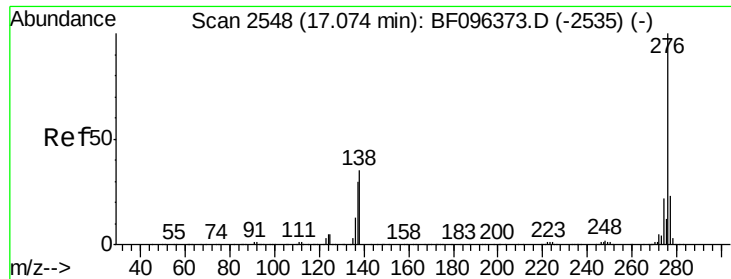
mohammad
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#89
Benzo(a)pyrene
Concen: 6.521 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.05 min
Lab File: BF096717.D
Acq: 13 Jul 2017 4:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.9	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.728 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.09 min
 Lab File: BF096717.D
 Acq: 13 Jul 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-WSW

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.6	28.0
138	34.6	25.4	38.0

Manual Integrations
 APPROVED

mohammad
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