

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096776.D
 Acq On : 14 Jul 2017 15:26
 Operator : SJ/JU
 Sample : I4172-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-NSW

Manual Integrations
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Quant Time: Jul 14 18:24:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	116297	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	485978	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	195522	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	314190	20.00	ng	0.00
75) Chrysene-d12	13.77	240	193598	20.00	ng	0.00
86) Perylene-d12	15.16	264	201050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	745719	96.41	ng	0.01
7) Phenol-d6	6.28	99	997684	107.49	ng	0.00
23) Nitrobenzene-d5	7.20	82	589223	75.10	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	135515	81.20	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	857628	69.30	ng	0.00
78) Terphenyl-d14	12.73	244	510402	45.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	186365	12.659	ng	99
70) Phenanthrene	11.16	178	70178	4.108	ng	98
74) Fluoranthene	12.35	202	111217	6.801	ng	97
77) Pyrene	12.57	202	111783	6.362	ng	98
80) Benzo(a)anthracene	13.76	228	49064	4.067	ng	97
82) Chrysene	13.80	228	46049	3.878	ng	98
85) Indeno(1,2,3-cd)pyrene	16.46	276	33679	6.270	ng	98
87) Benzo(b)fluoranthene	14.77	252	65392m	5.393	ng	
88) Benzo(k)fluoranthene	14.79	252	23627m	2.058	ng	
89) Benzo(a)pyrene	15.10	252	51609	4.641	ng	96
91) Benzo(g,h,i)perylene	16.85	276	31467	2.872	ng	99

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

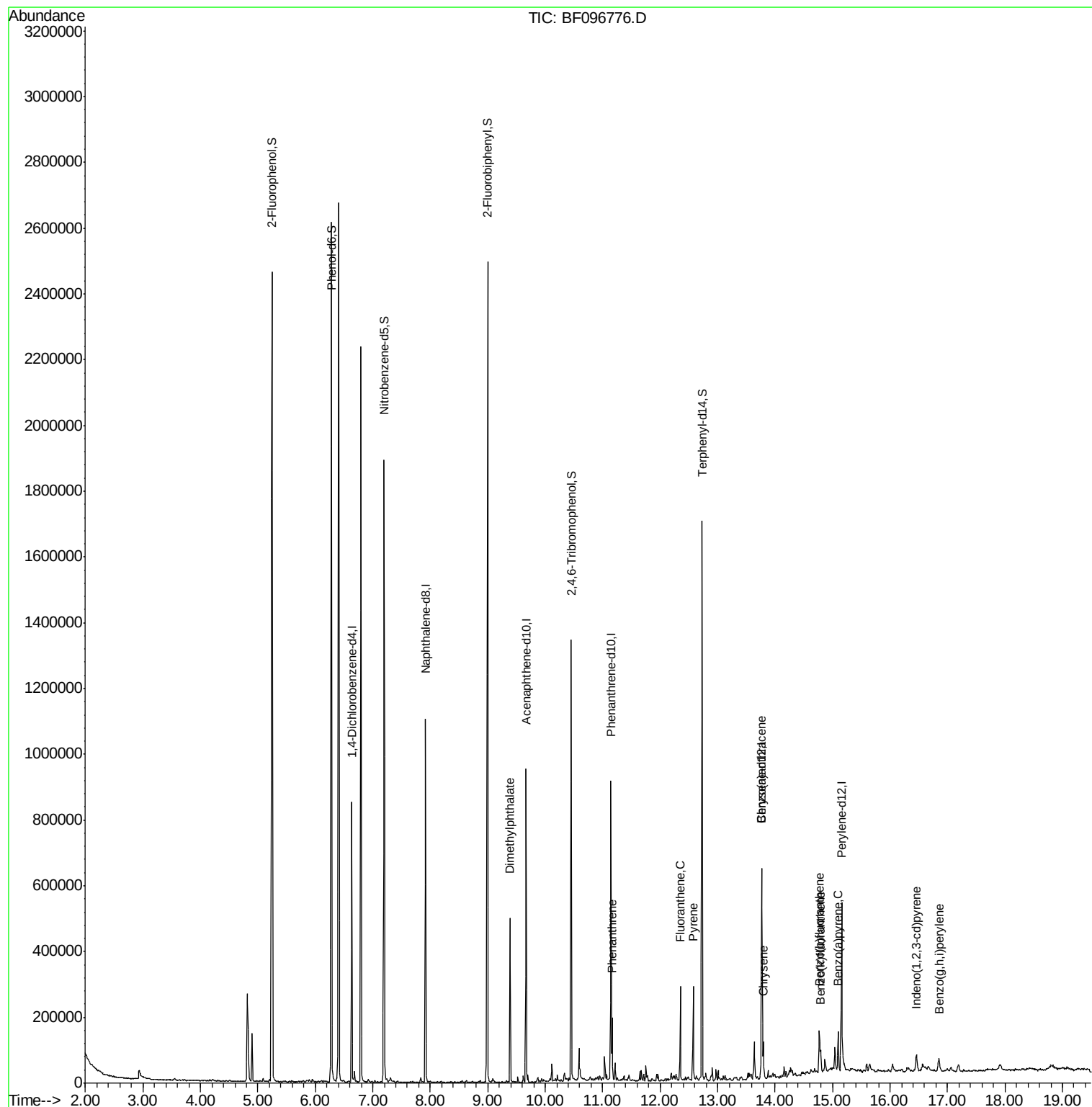
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096776.D
Acq On : 14 Jul 2017 15:26
Operator : SJ/JU
Sample : I4172-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

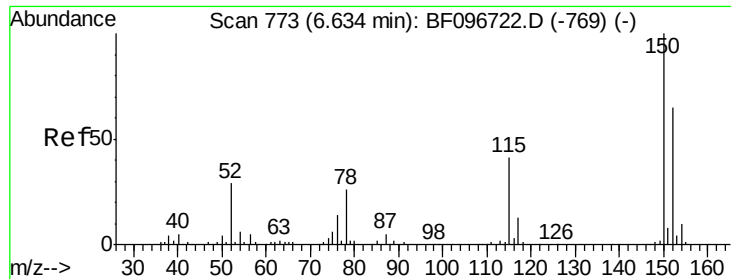
Instrument :
BNA_F
ClientSampleId :
E2-05-NSW

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Quant Time: Jul 14 18:24:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





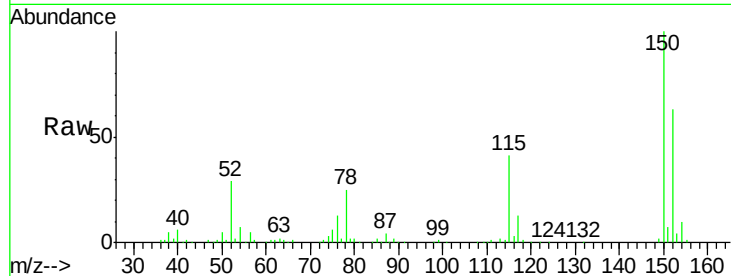
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-NSW

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	116297		
150	158.7	126.2	189.2	
115	65.5	52.2	78.2	

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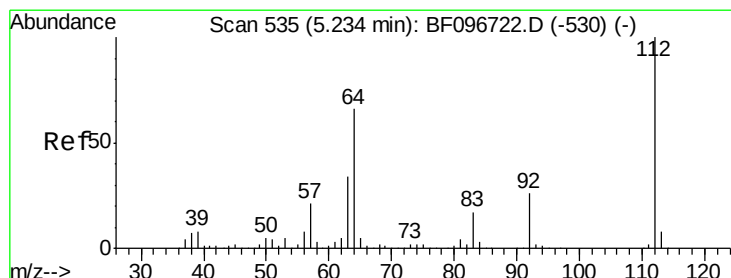
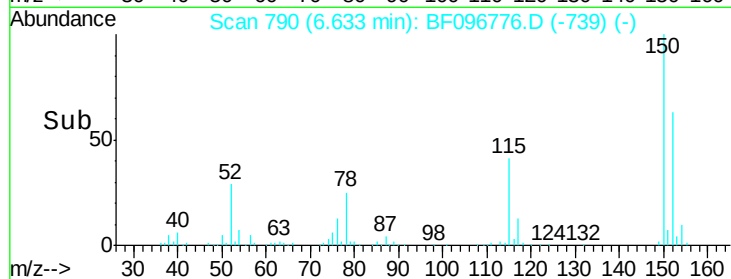
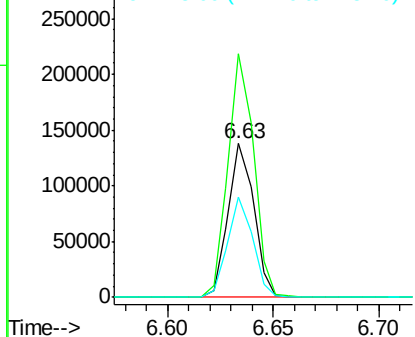


Abundance

Ion 152.00 (151.70 to 152.70): E

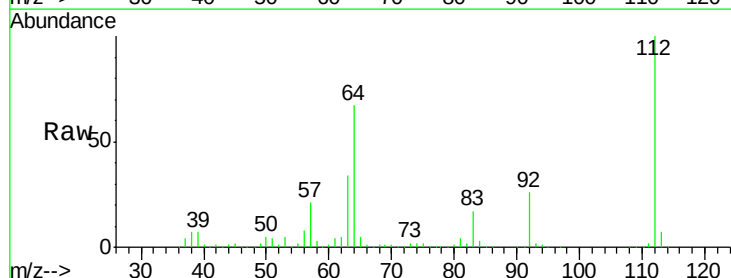
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 96.413 ng
 RT: 5.25 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	745719		
64	66.5	46.0	69.0	
63	34.1	23.4	35.0	

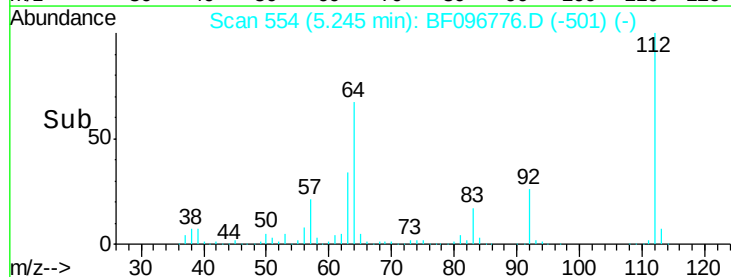
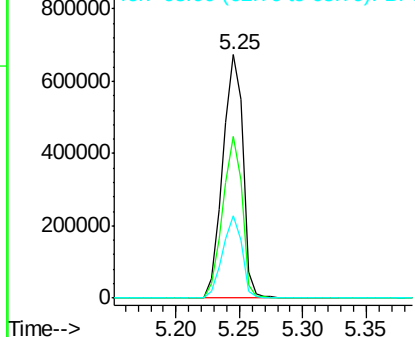


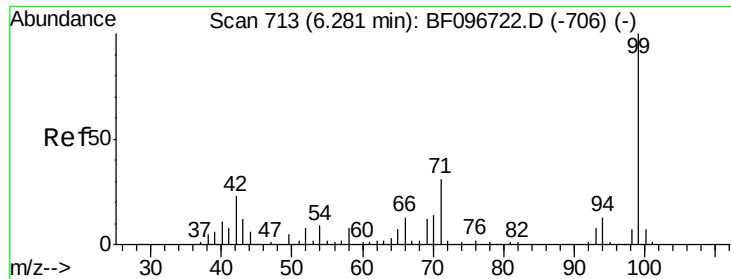
Abundance

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: 107.488 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

Instrument :

BNA_F

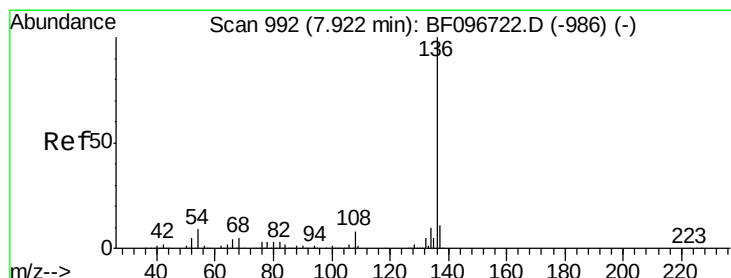
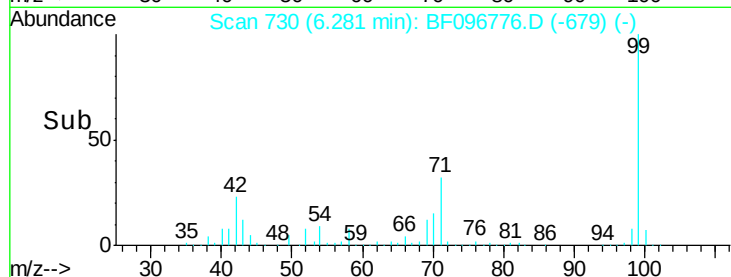
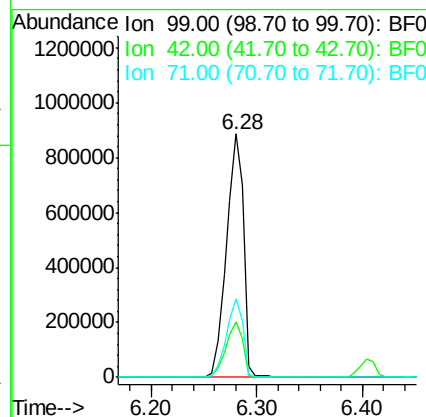
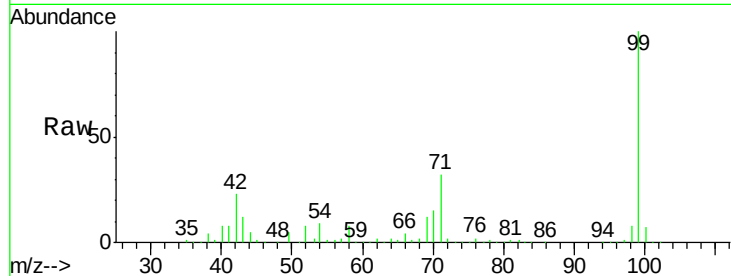
ClientSampleId :

E2-05-NSW

Tgt Ion:	99	Resp:	997684
Ion Ratio	Lower	Upper	
99	100		
42	22.8	13.5	20.3#
71	32.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

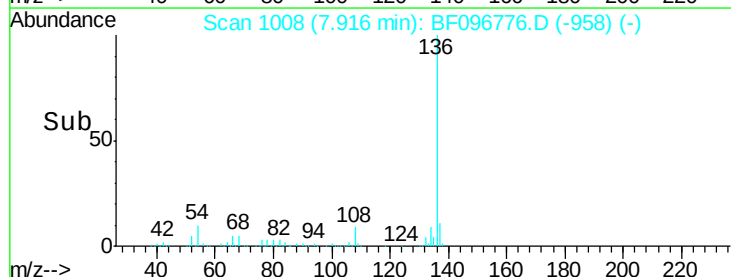
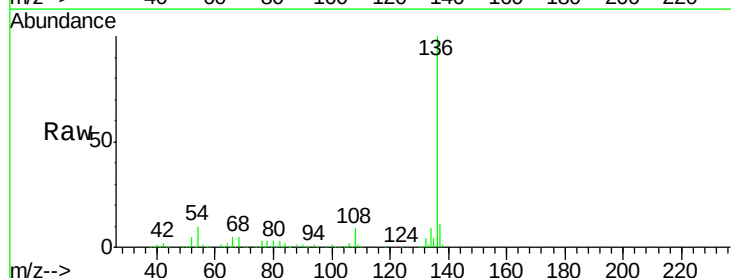
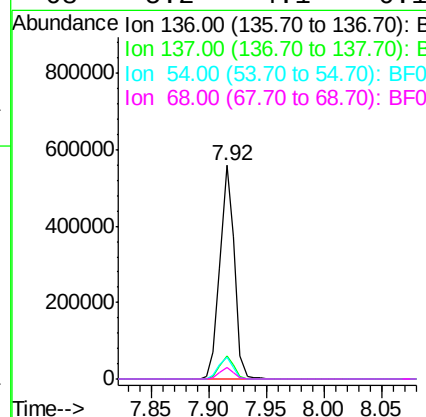
RT: 7.92 min Scan# 1008

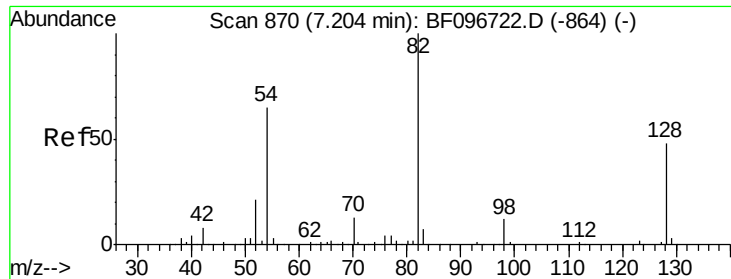
Delta R.T. -0.01 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

Tgt Ion:	136	Resp:	485978
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.2	4.9	7.3#
68	5.2	4.1	6.1





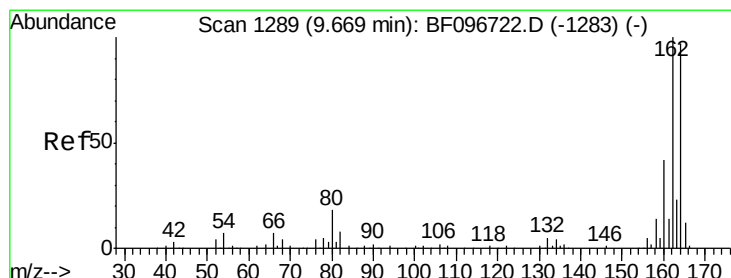
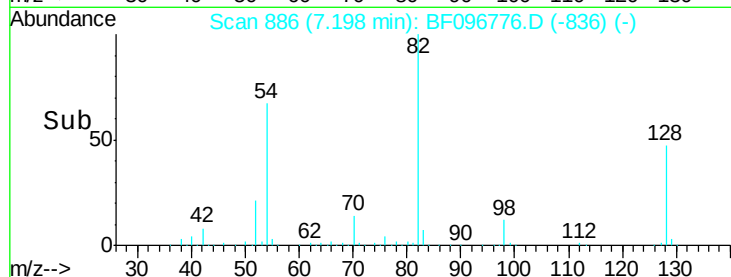
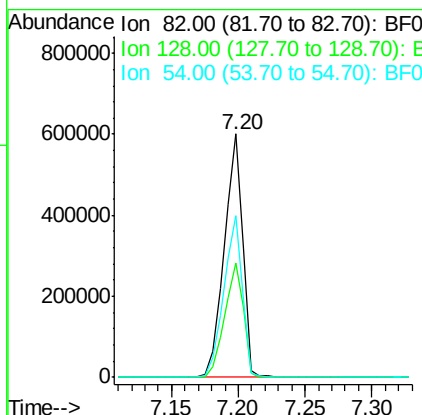
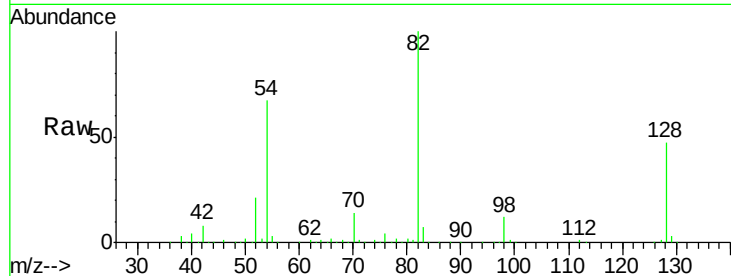
#23
 Nitrobenzene-d5
 Concen: 75.100 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-NSW

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	589223		
128	46.8	34.0	51.0	
54	66.6	42.2	63.2	

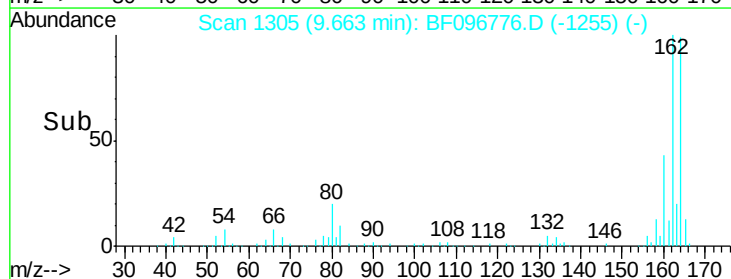
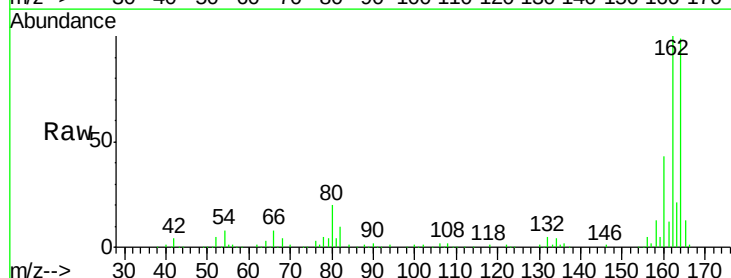
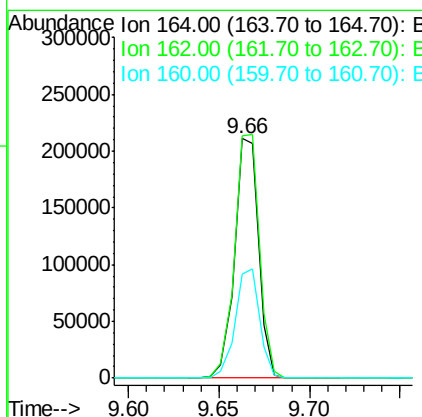
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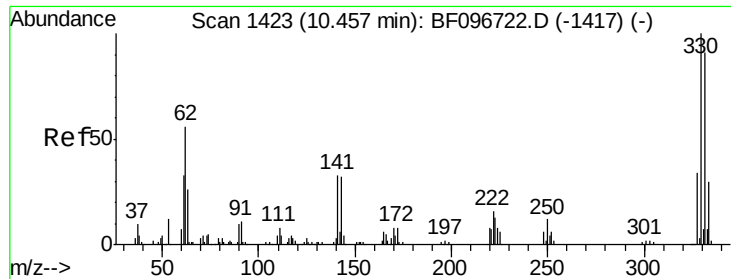
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195522		
162	101.1	82.6	123.8	
160	43.6	36.2	54.2	





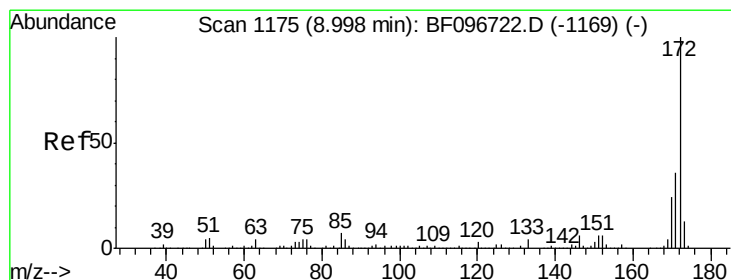
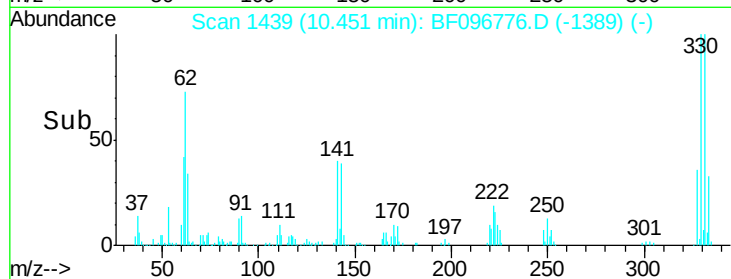
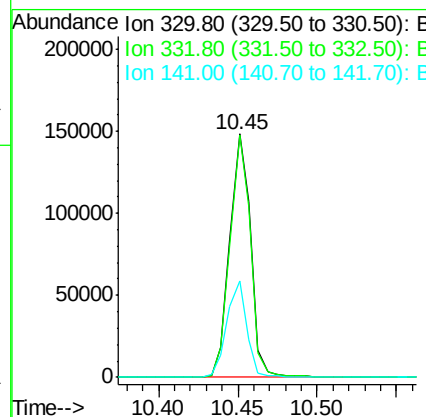
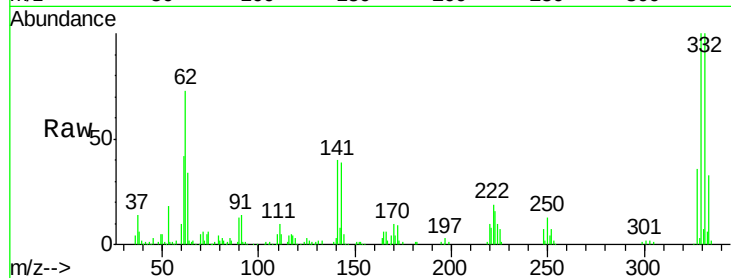
#41
 2,4,6-Tribromophenol
 Concen: 81.198 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-NSW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135515		
332	97.9	76.6	115.0	
141	38.0	31.4	47.2	

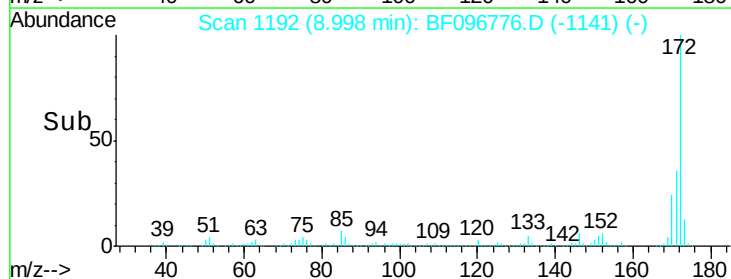
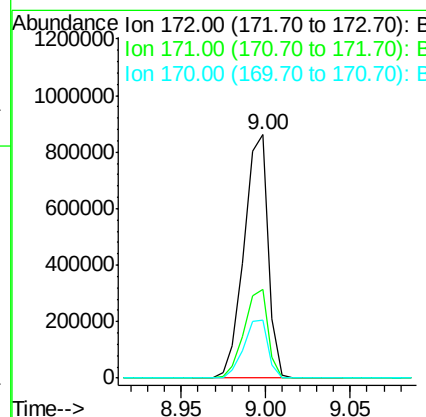
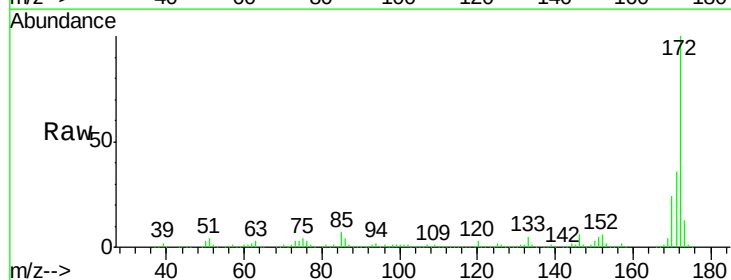
Manual Integrations
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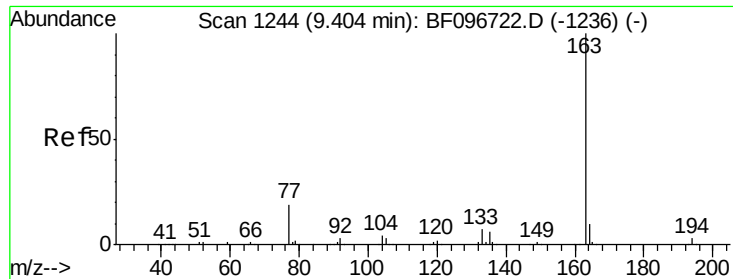
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#44
 2-Fluorobiphenyl
 Concen: 69.301 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	857628		
171	36.2	29.6	44.4	
170	24.0	19.8	29.8	





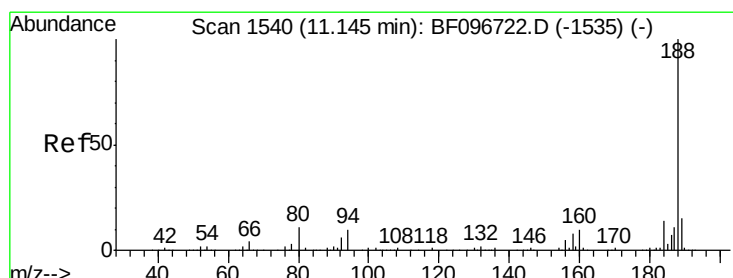
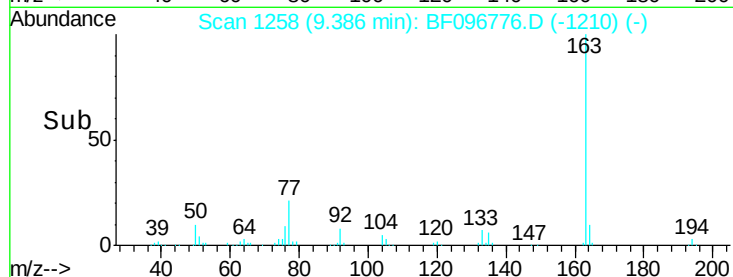
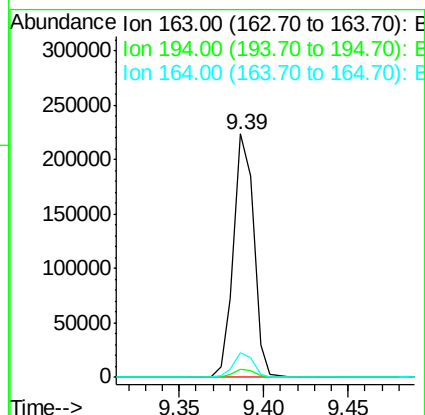
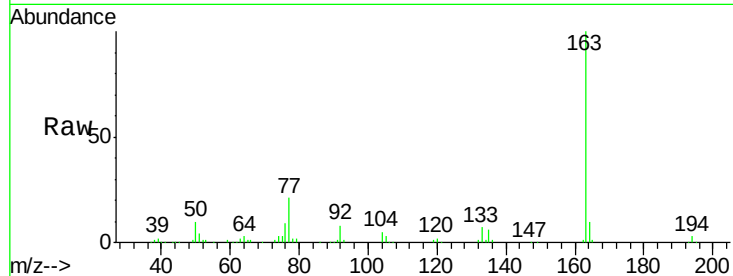
#49
Dimethylphthalate
Concen: 12.659 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096776.D
Acq: 14 Jul 2017 15:26

Instrument :
BNA_F
ClientSampleId :
E2-05-NSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6

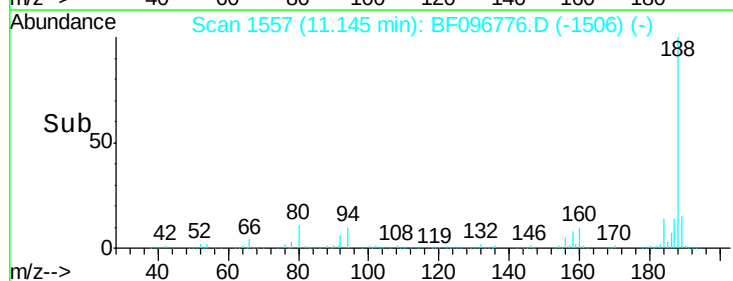
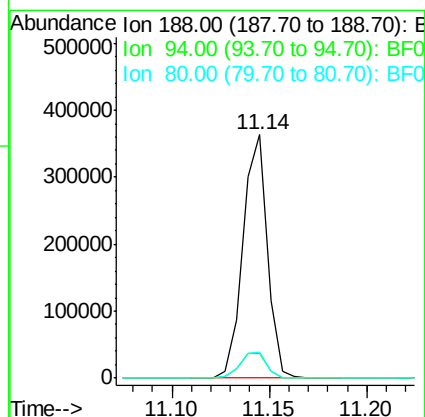
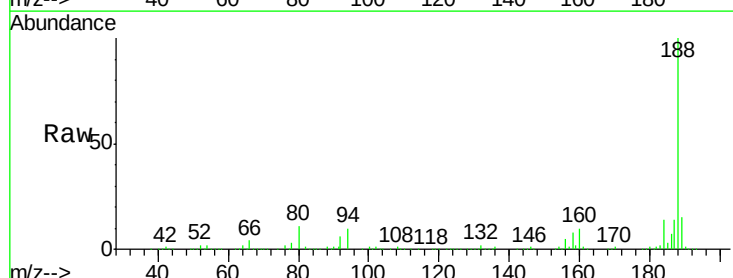
Manual Integrations
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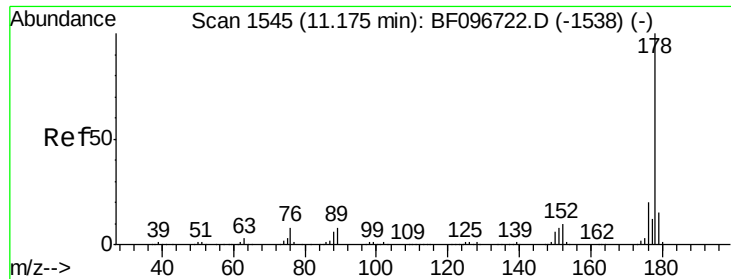
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096776.D
Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	9.4	14.2
80	10.8	10.2	15.2





#70

Phenanthrene

Concen: 4.108 ng

RT: 11.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

Instrument :

BNA_F

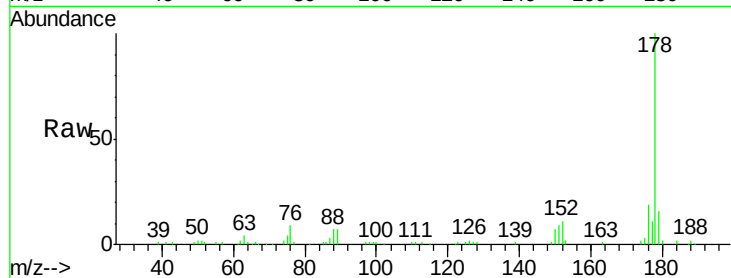
ClientSampleId :

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Tgt Ion:	178	Resp:	70178
Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.7	12.6	19.0

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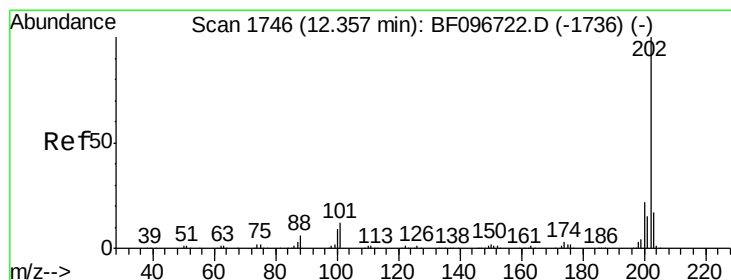
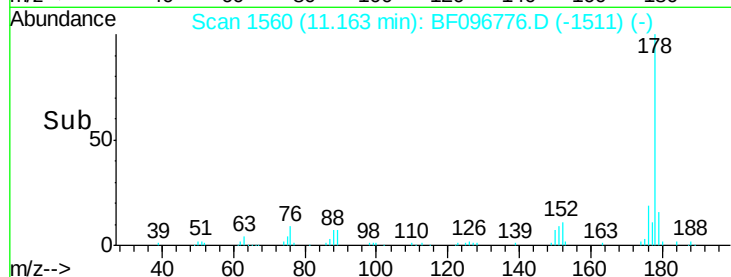
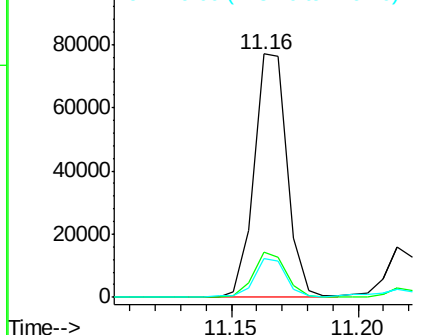
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 6.801 ng

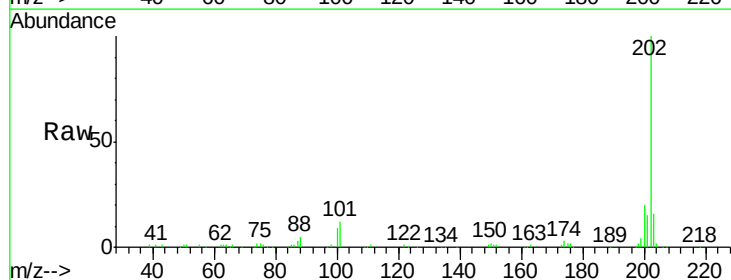
RT: 12.35 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

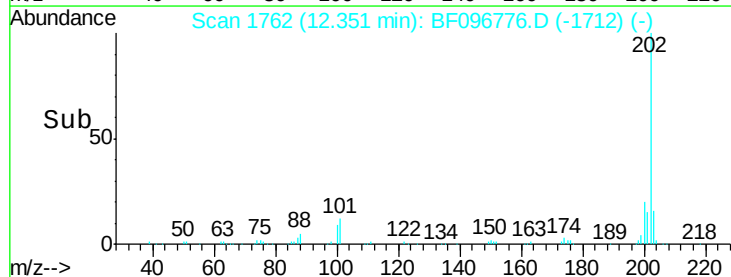
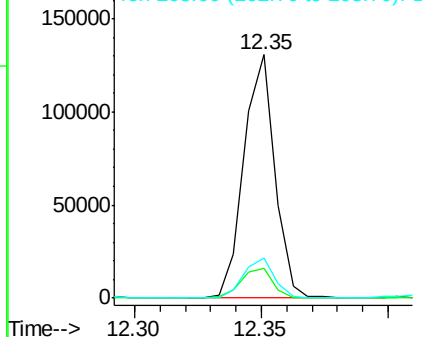
Tgt Ion:	202	Resp:	111217
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.3	0.0	38.1

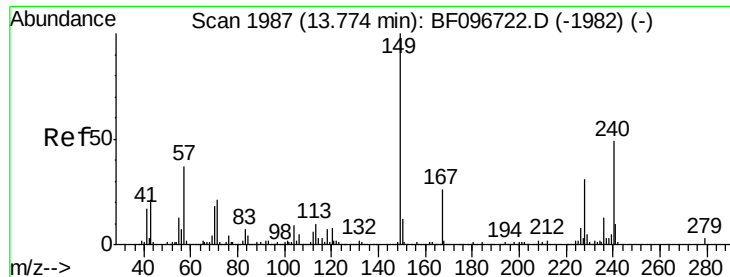


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

Instrument :

BNA_F

ClientSampleId :

E2-05-NSW

Tgt Ion:240 Resp: 193598

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

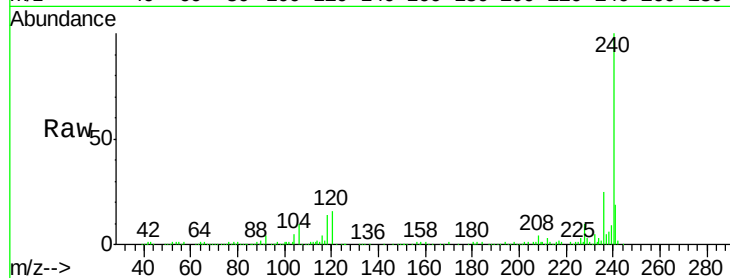
236 25.3 20.5 30.7

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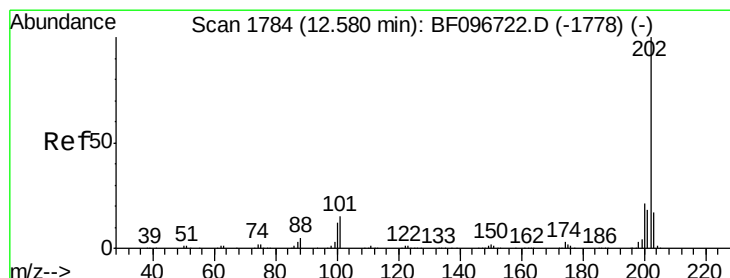
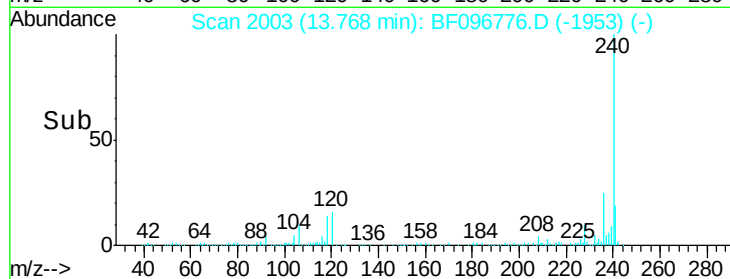
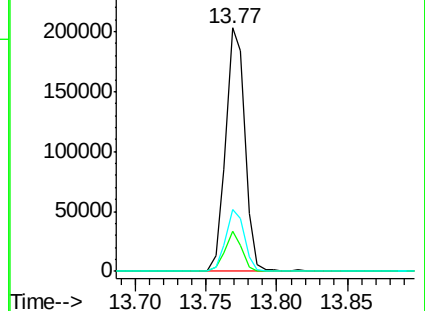
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.362 ng

RT: 12.57 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

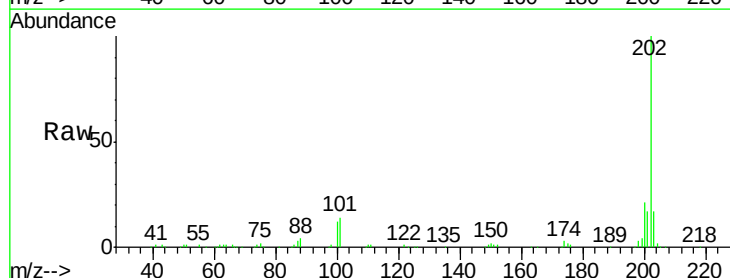
Tgt Ion:202 Resp: 111783

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

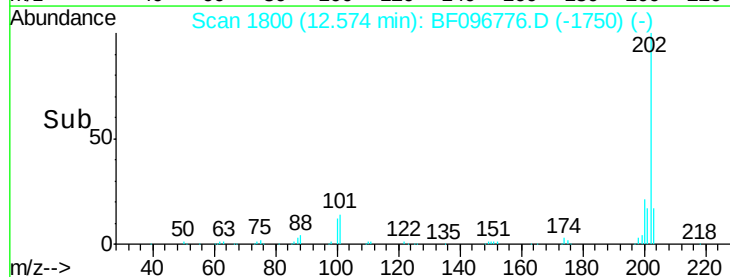
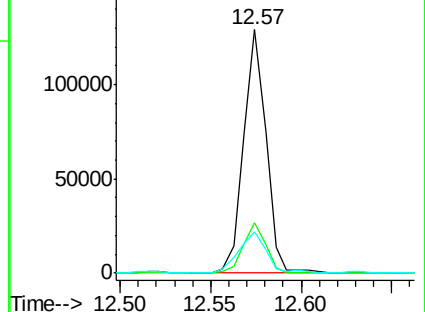
203 16.9 14.4 21.6

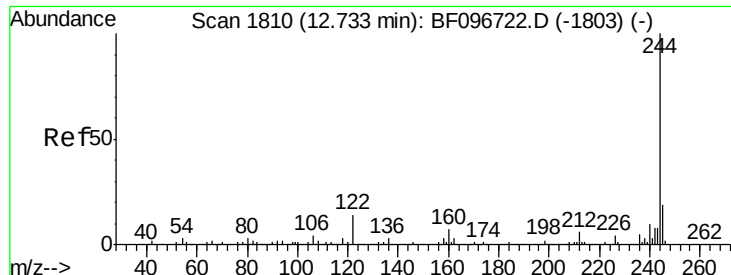


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





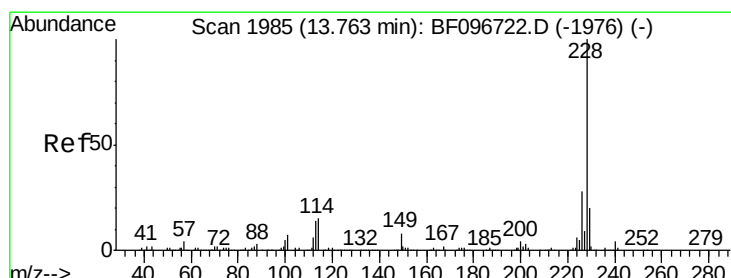
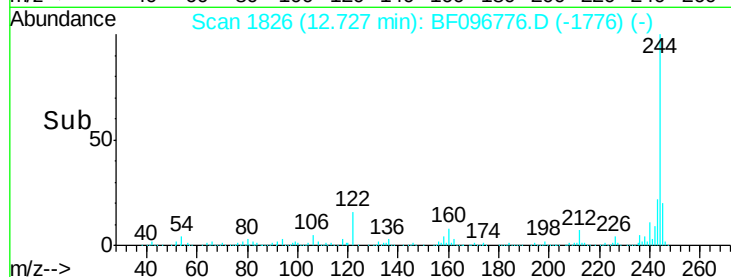
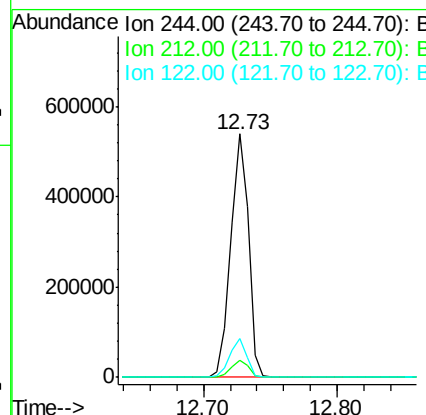
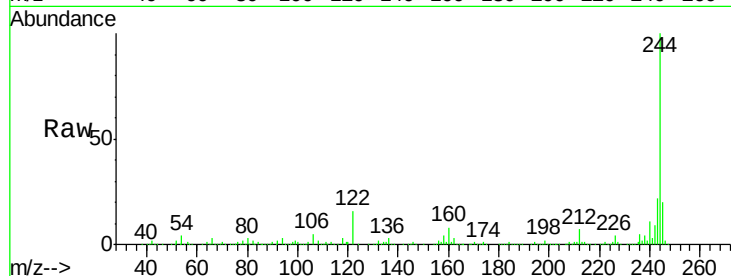
#78
 Terphenyl-d14
 Concen: 45.722 ng
 RT: 12.73 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-NSW

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.7	10.3	15.5

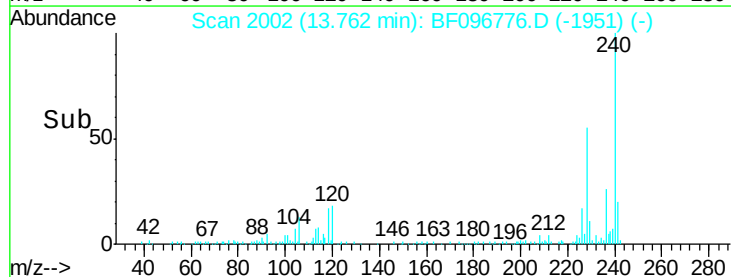
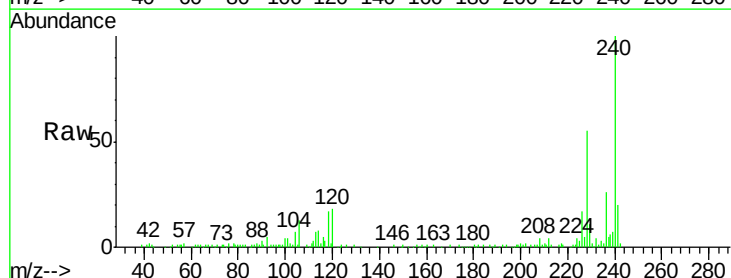
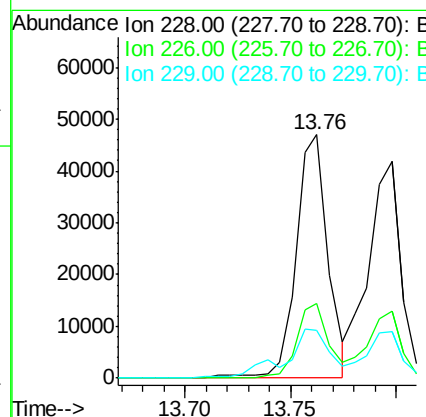
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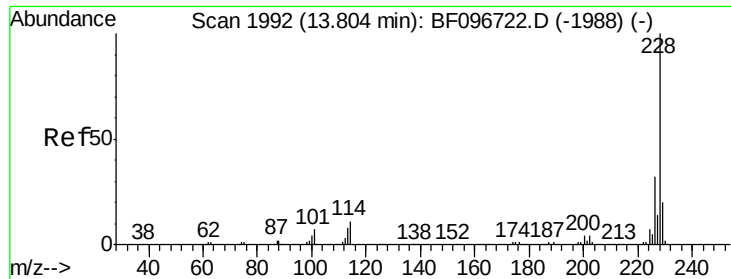
mohammad
 7/17/2017 3:56:27 PM



#80
 Benzo(a)anthracene
 Concen: 4.067 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF096776.D
 Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	19.5	16.3	24.5





#82

Chrysene

Concen: 3.878 ng

RT: 13.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

Instrument :

BNA_F

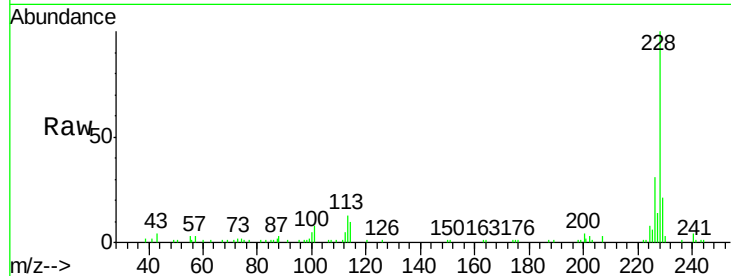
ClientSampleId :

E2-05-NSW

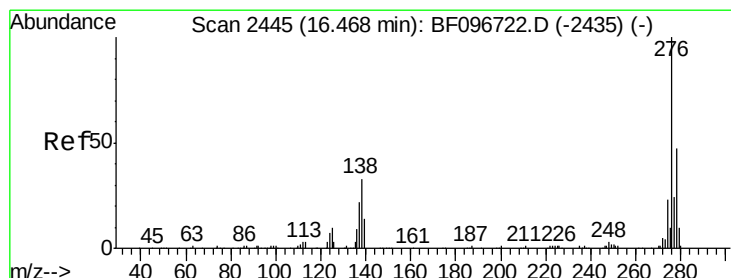
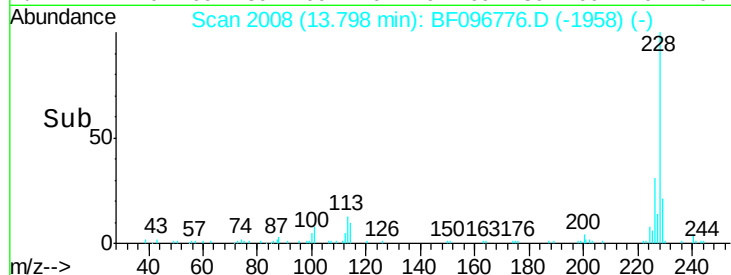
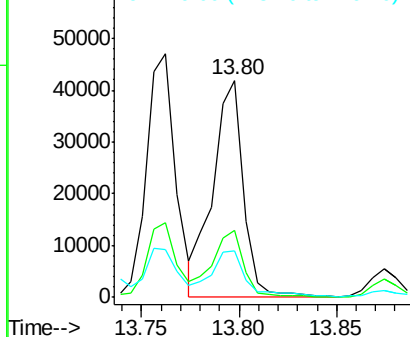
Tgt Ion:	228	Resp:	46049
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	21.5	15.8	23.6

Manual Integrations
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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.270 ng

RT: 16.46 min Scan# 2460

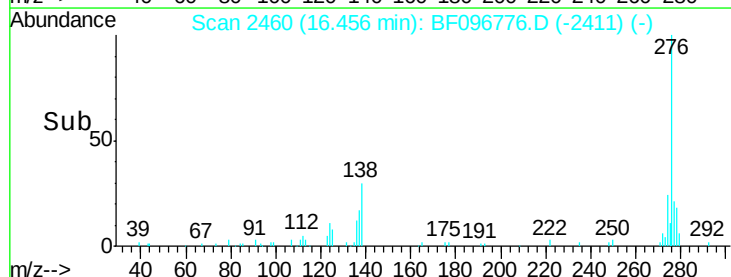
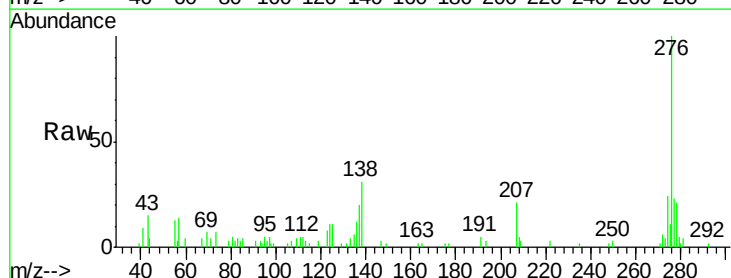
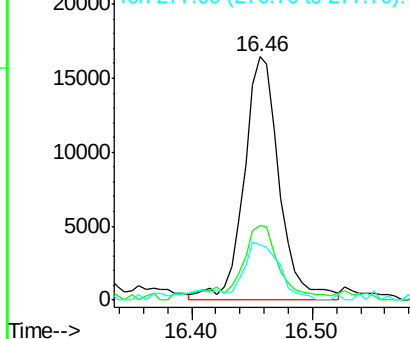
Delta R.T. -0.01 min

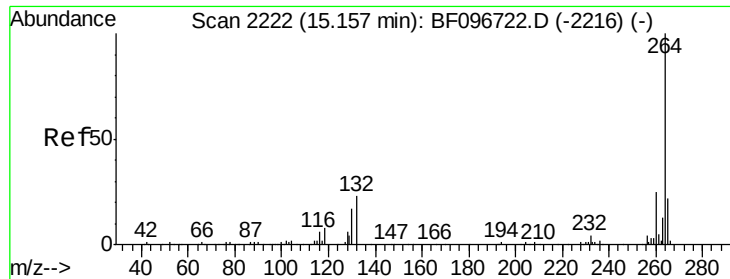
Lab File: BF096776.D

Acq: 14 Jul 2017 15:26

Tgt Ion:	276	Resp:	33679
Ion Ratio	Lower	Upper	
276	100		
138	35.8	27.8	41.6
277	24.0	20.2	30.4

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





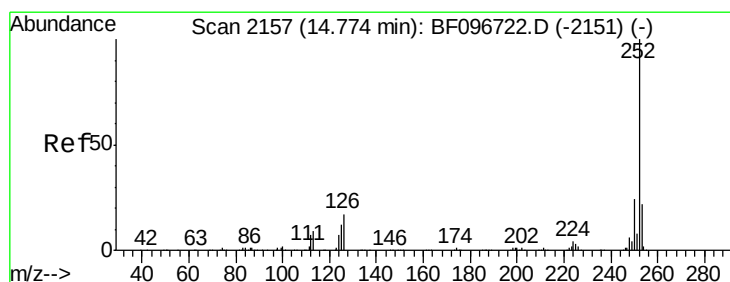
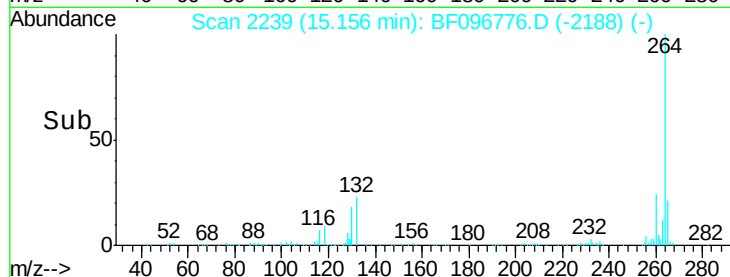
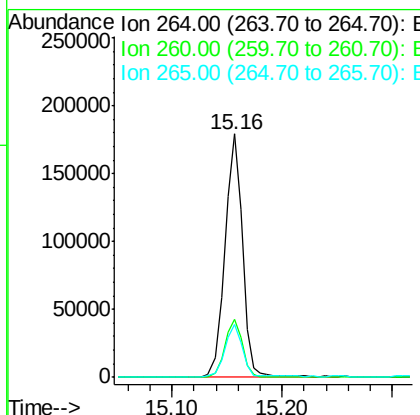
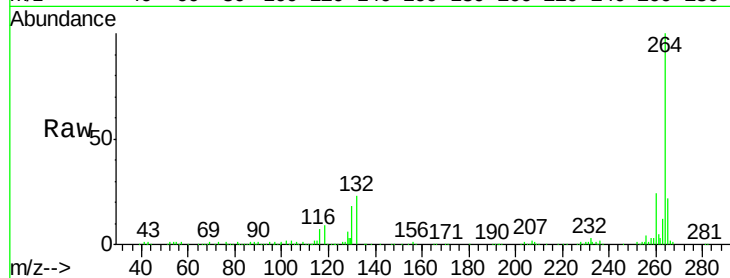
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096776.D
Acq: 14 Jul 2017 15:26

Instrument :
BNA_F
ClientSampleId :
E2-05-NSW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.2	25.8

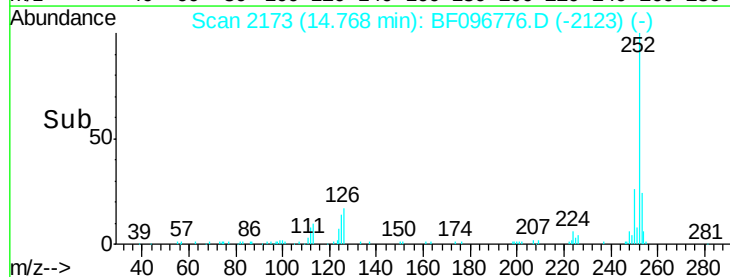
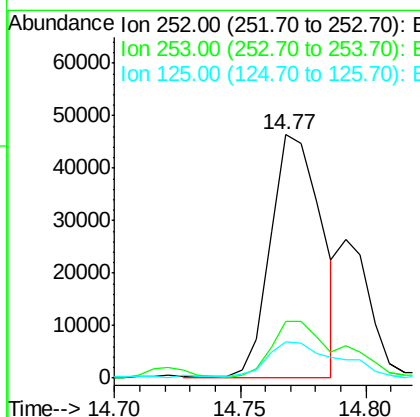
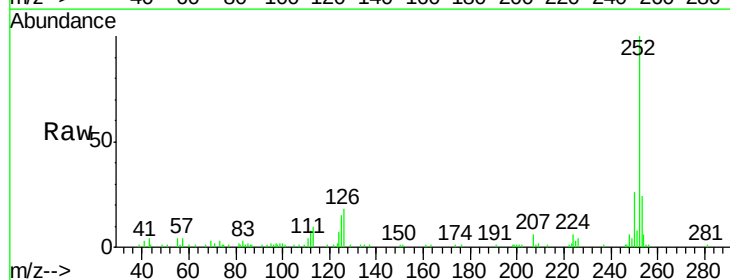
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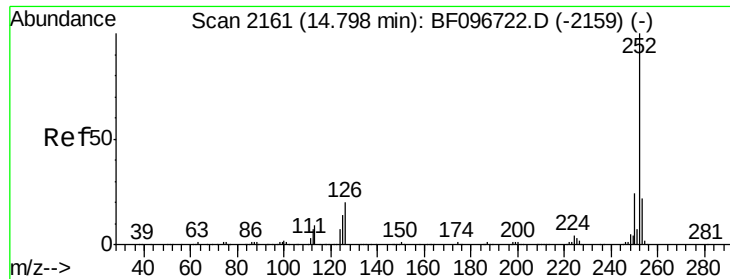
mohammad
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#87
Benzo(b)fluoranthene
Concen: 5.393 ng m
RT: 14.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096776.D
Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	15.0	9.8	14.8





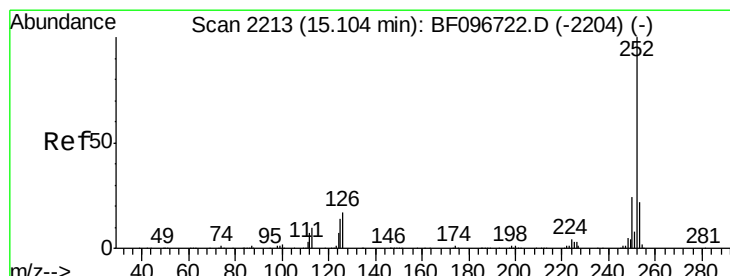
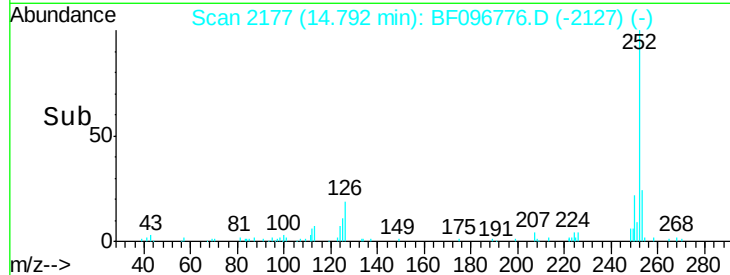
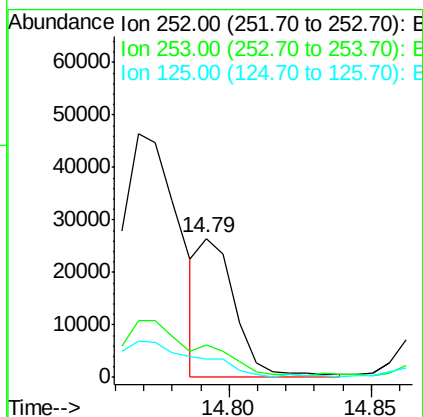
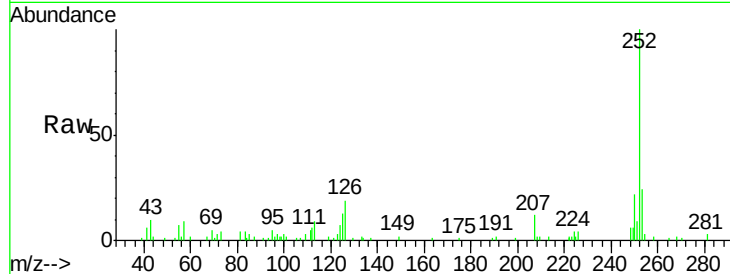
#88
Benzo(k)fluoranthene
Concen: 2.058 ng m
RT: 14.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF096776.D
Acq: 14 Jul 2017 15:26

Instrument :
BNA_F
ClientSampleId :
E2-05-NSW

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	12.8	13.1	19.7#

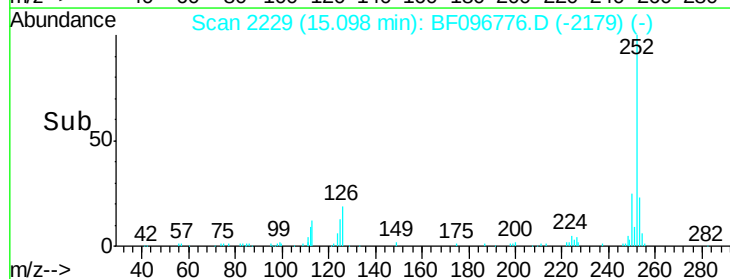
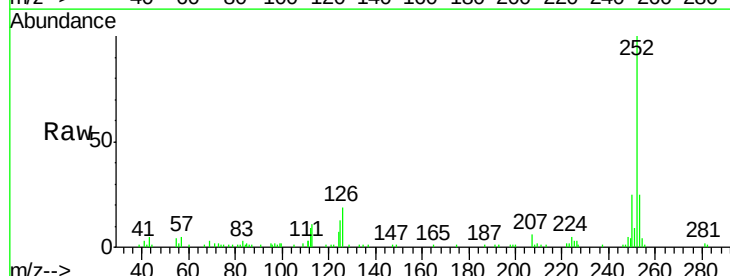
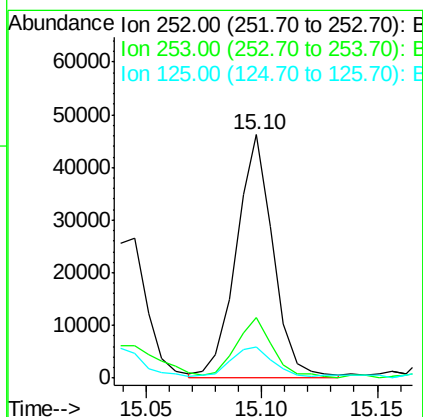
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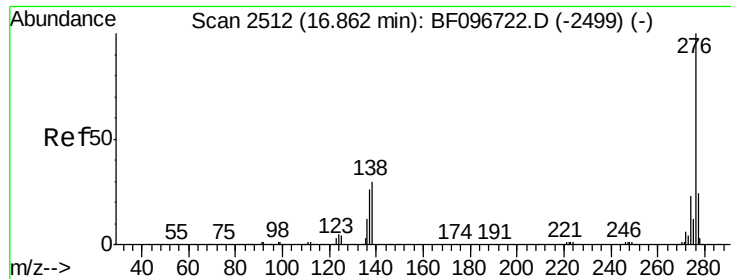
mohammad
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#89
Benzo(a)pyrene
Concen: 4.641 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096776.D
Acq: 14 Jul 2017 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	12.8	11.0	16.4





#91

Benzo(g,h,i)perylene

Concen: 2.872 ng

RT: 16.85 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF096776.D

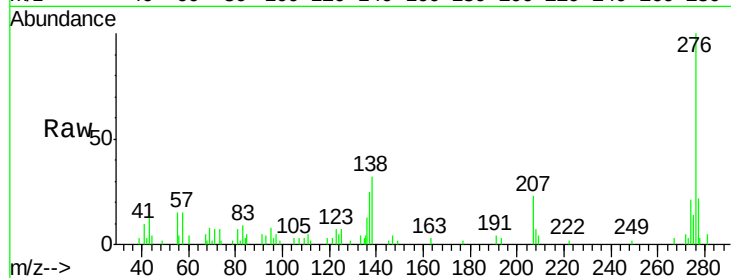
Acq: 14 Jul 2017 15:26

Instrument :

BNA_F

ClientSampleId :

E2-05-NSW



Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	28.0
138	31.8	25.4	38.0

Manual Integrations
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