

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097869.D
 Acq On : 19 Aug 2017 8:52
 Operator : SJ/JU
 Sample : I4797-05 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-K10-ESW

Manual Integrations
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mohammad
 8/21/2017 8:19:39 AM

Quant Time: Aug 21 01:05:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112661	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	449408	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	201113	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	376921	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	311850	20.00	ng	-0.02
86) Perylene-d12	15.36	264	257219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	122823	16.58	ng	-0.02
7) Phenol-d6	6.39	99	168856	16.78	ng	-0.02
23) Nitrobenzene-d5	7.33	82	99697	12.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	23326	13.37	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	165788	12.11	ng	-0.02
78) Terphenyl-d14	12.87	244	133399	8.92	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.53	163	144965	9.861	ng	99
70) Phenanthrene	11.31	178	109361	5.445	ng	99
74) Fluoranthene	12.50	202	204999	9.779	ng	99
77) Pyrene	12.73	202	195233	7.654	ng	96
80) Benzo(a)anthracene	13.92	228	91442	4.892	ng	96
82) Chrysene	13.95	228	84322	4.535	ng	97
85) Indeno(1,2,3-cd)pyrene	16.74	276	35488	2.595	ng	# 88
87) Benzo(b)fluoranthene	14.94	252	108319m	6.681	ng	
89) Benzo(a)pyrene	15.29	252	69058	4.811	ng	100
91) Benzo(g,h,i)perylene	17.16	276	32416	2.659	ng	94

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

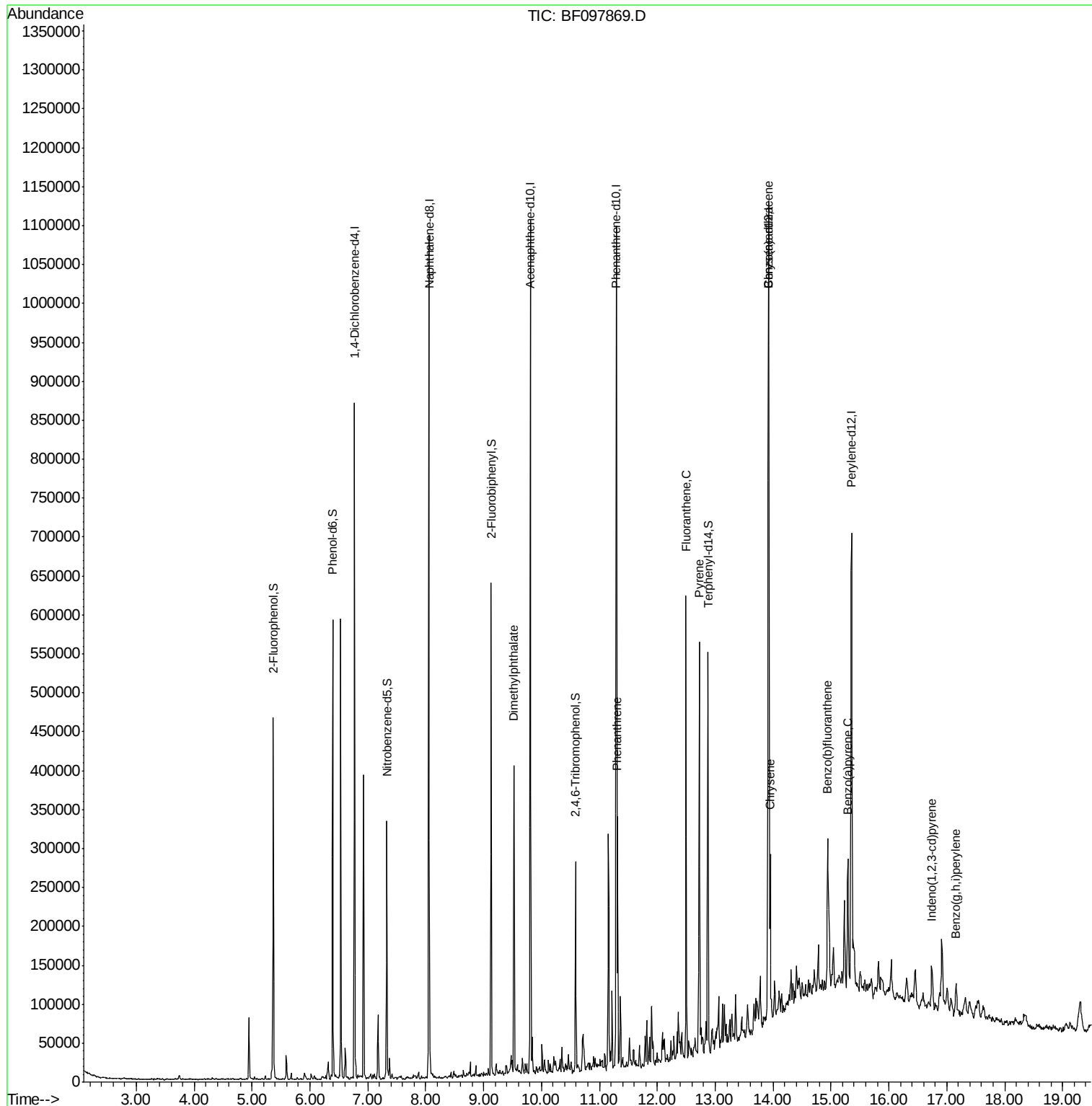
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097869.D
Acq On : 19 Aug 2017 8:52
Operator : SJ/JU
Sample : I4797-05 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

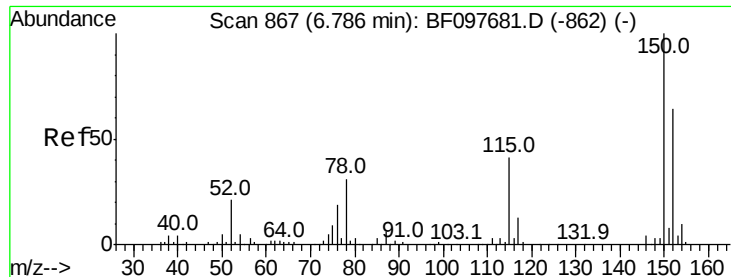
Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

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Quant Time: Aug 21 01:05:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

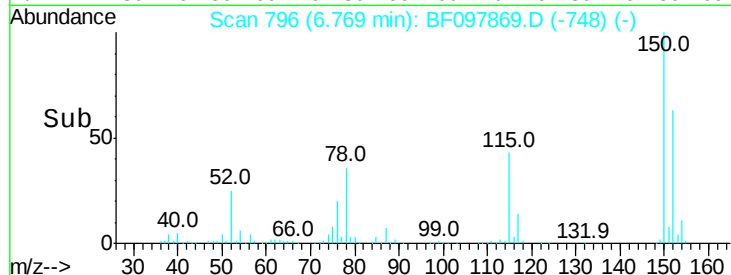
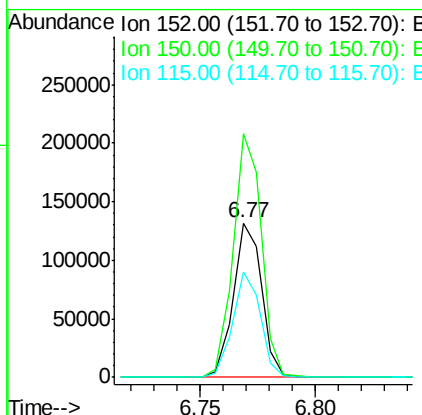
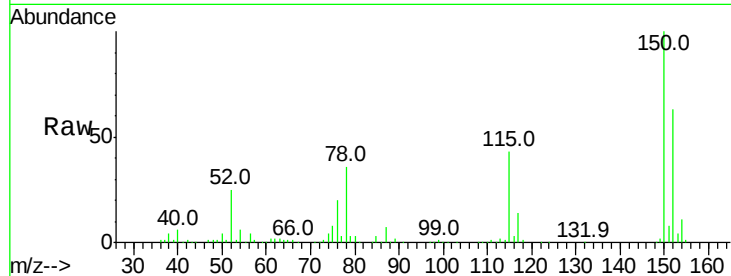
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampled :
E2-K10-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	68.6	52.2	78.2

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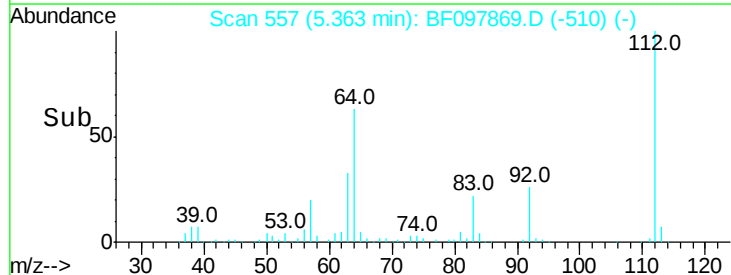
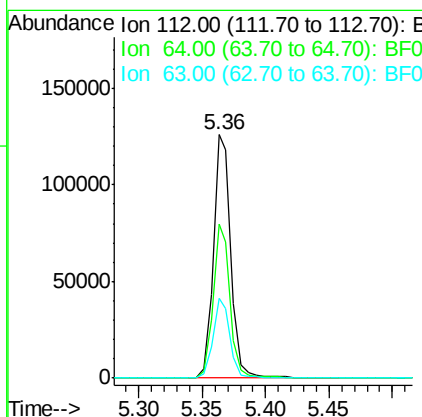
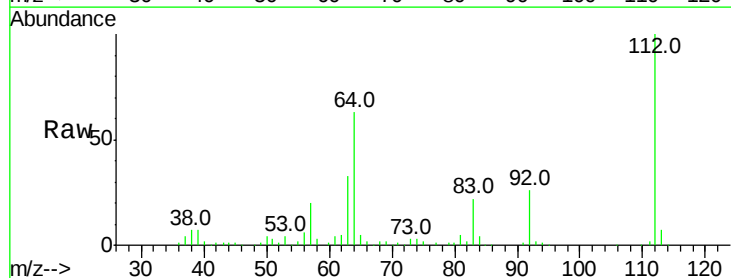
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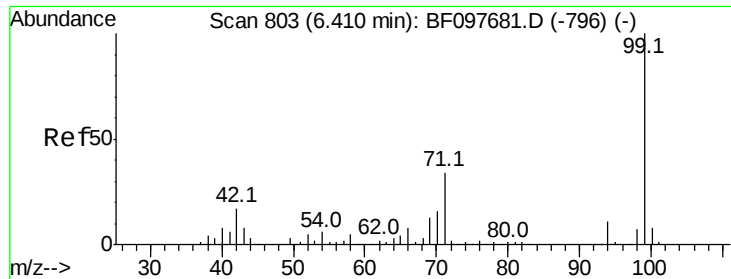


#5

2-Fluorophenol
Concen: 16.583 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	32.7	23.4	35.0





#7

Phenol-d6

Concen: 16.779 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097869.D

Acq: 19 Aug 2017 8:52

Instrument :

BNA_F

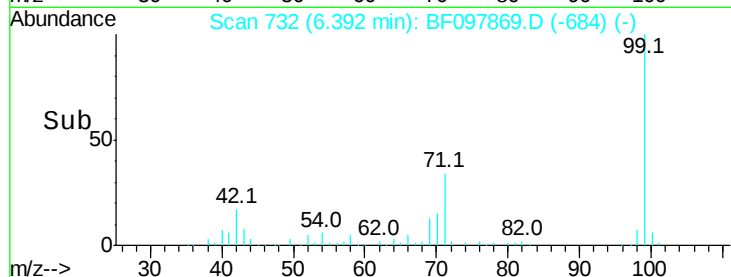
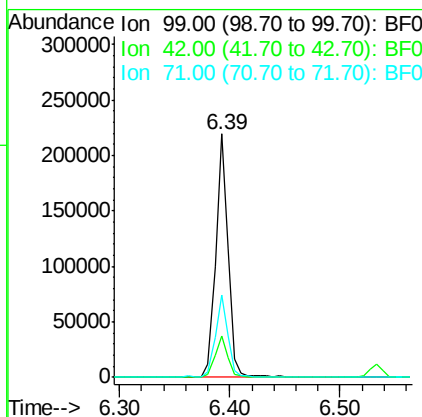
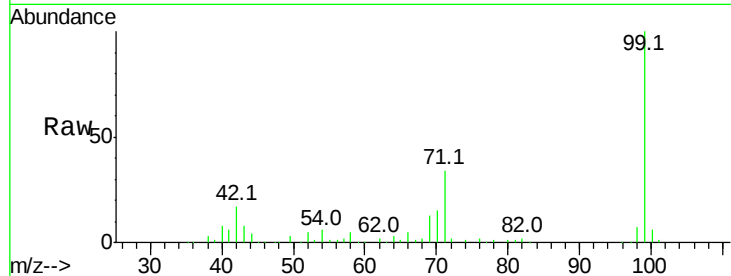
ClientSampleId :

E2-K10-ESW

Tot Ion:	99	Resp:	168856
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	33.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

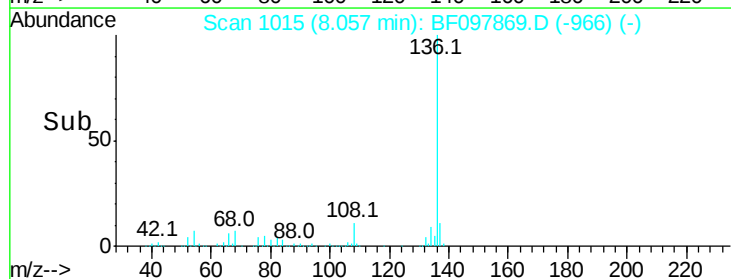
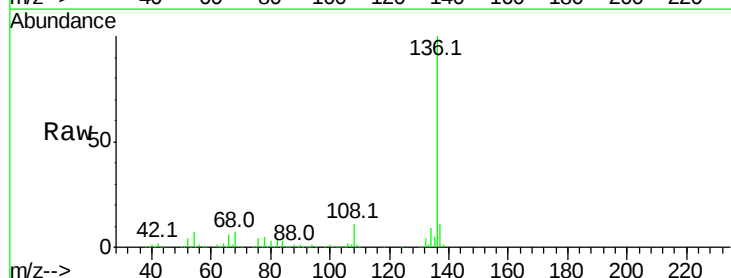
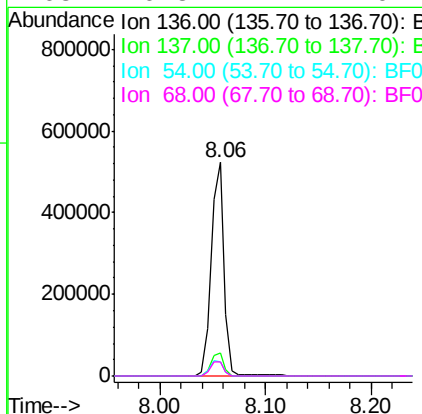
RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097869.D

Acq: 19 Aug 2017 8:52

Tgt Ion:	136	Resp:	449408
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	6.8	4.1	6.1#





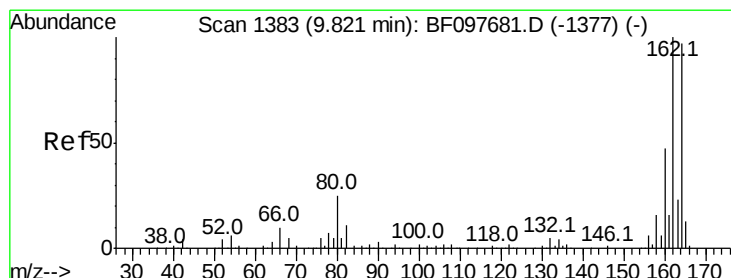
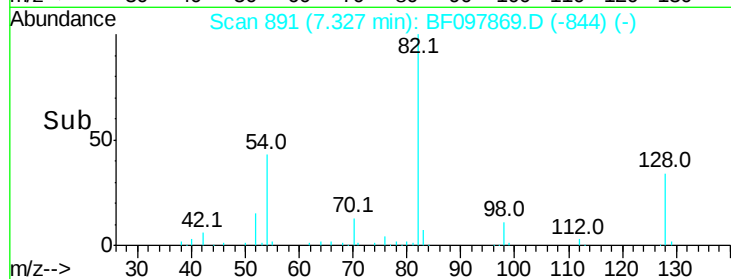
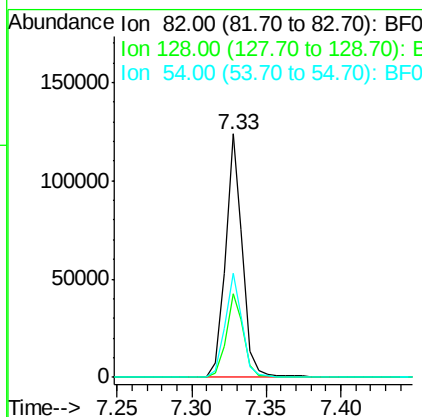
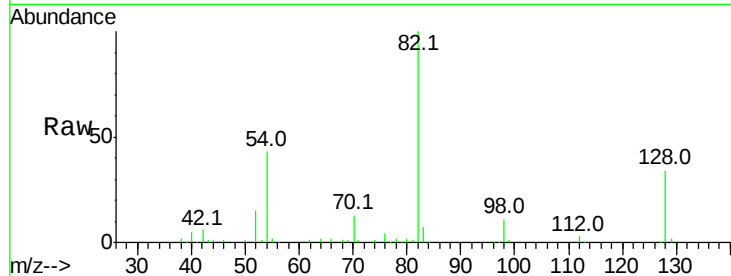
#23
 Nitrobenzene-d5
 Concen: 12.051 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097869.D
 Acq: 19 Aug 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-K10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.1	34.0	51.0	
54	42.8	42.2	63.2	

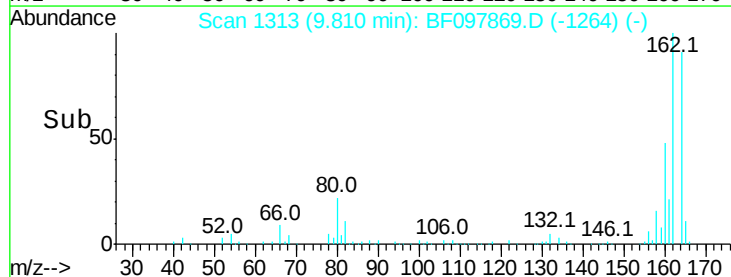
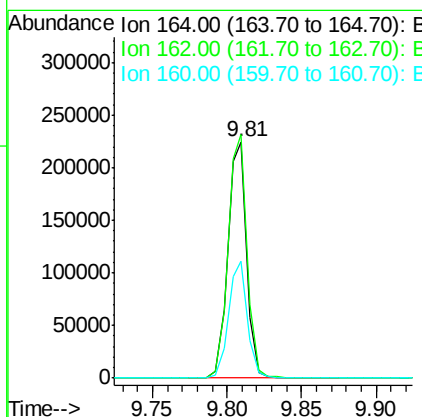
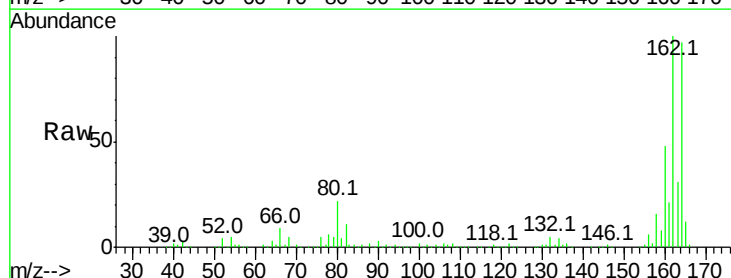
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097869.D
 Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	82.6	123.8	
160	49.2	36.2	54.2	





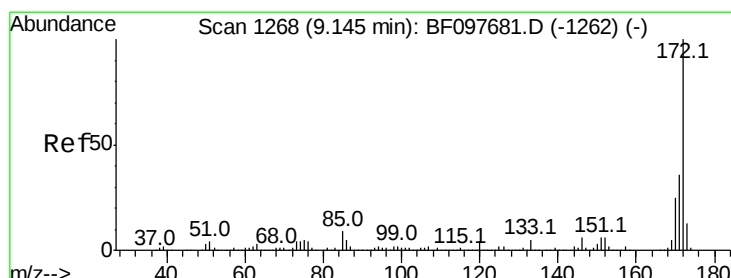
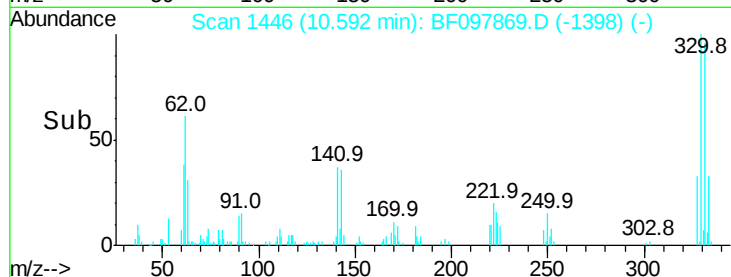
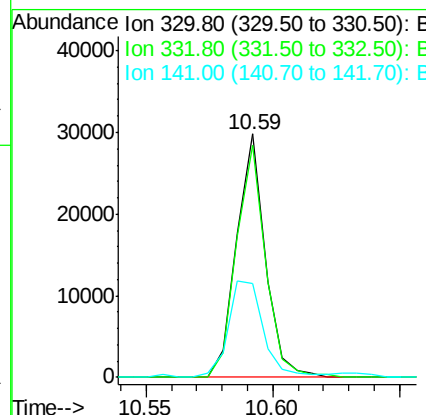
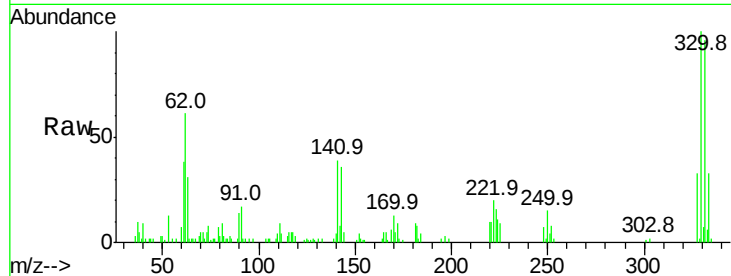
#41
 2,4,6-Tribromophenol
 Concen: 13.367 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097869.D
 Acq: 19 Aug 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-K10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	76.6	115.0	
141	48.7	31.4	47.2	

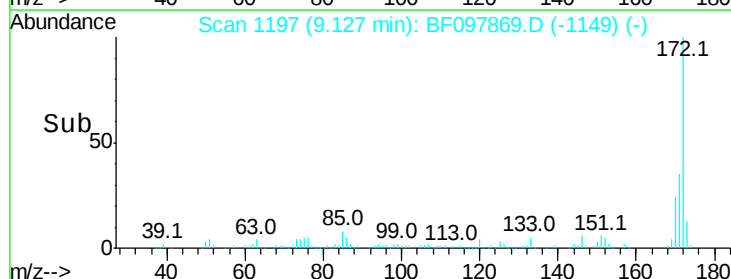
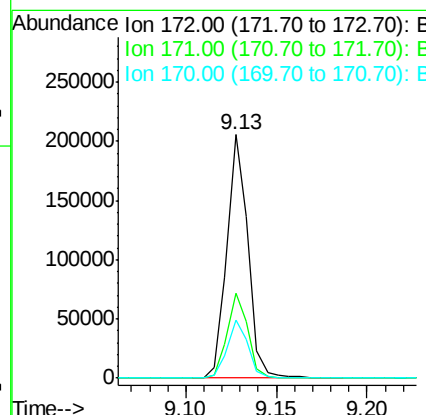
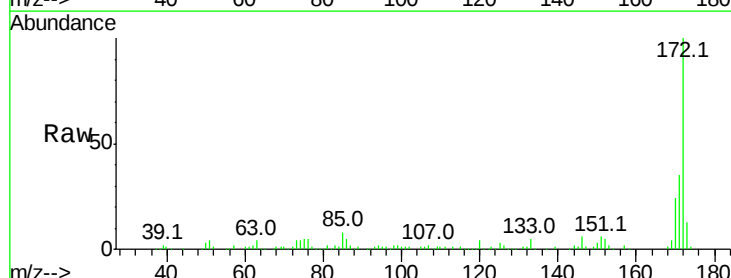
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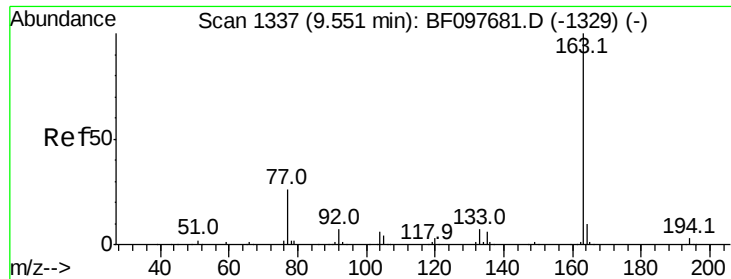
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#44
 2-Fluorobiphenyl
 Concen: 12.111 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097869.D
 Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.6	44.4	
170	24.0	19.8	29.8	





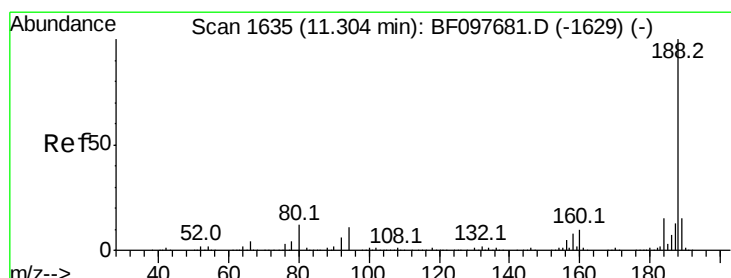
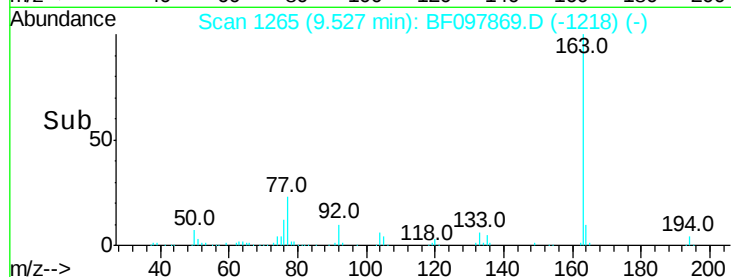
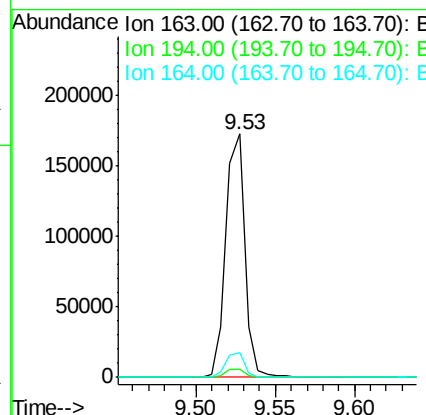
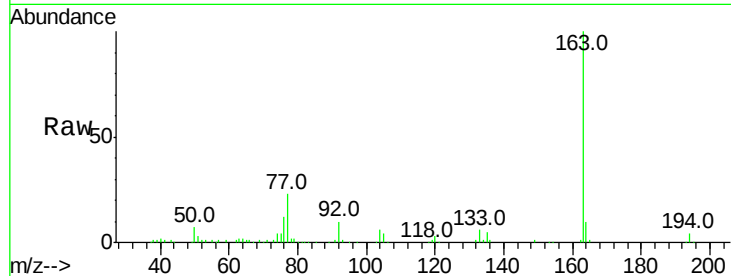
#49
Dimethylphthalate
Concen: 9.861 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

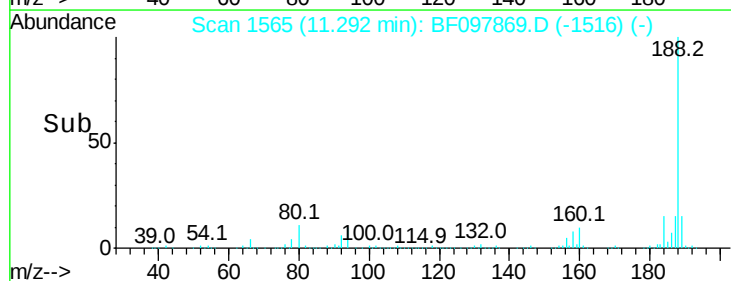
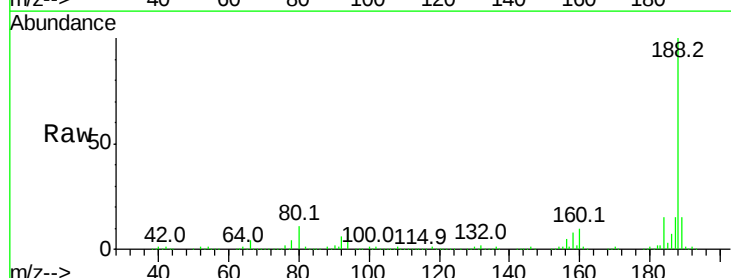
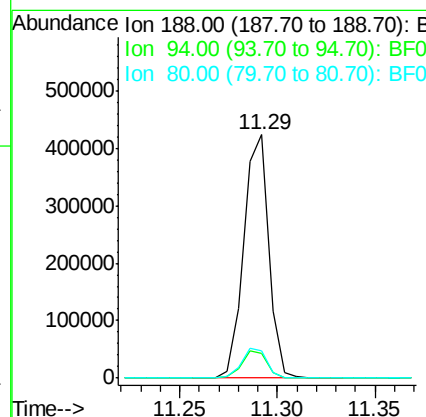
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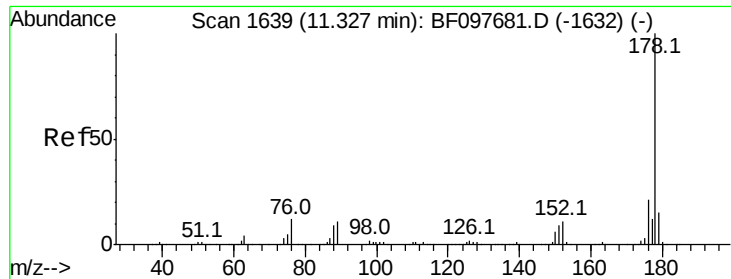
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.1	10.2	15.2





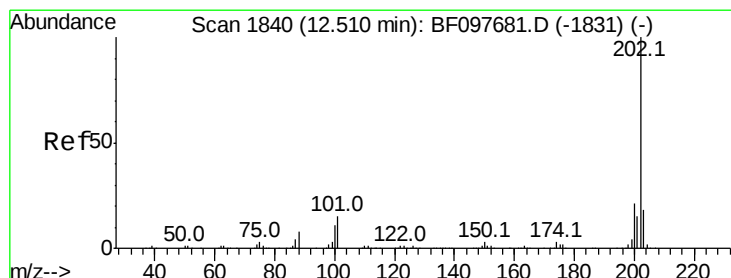
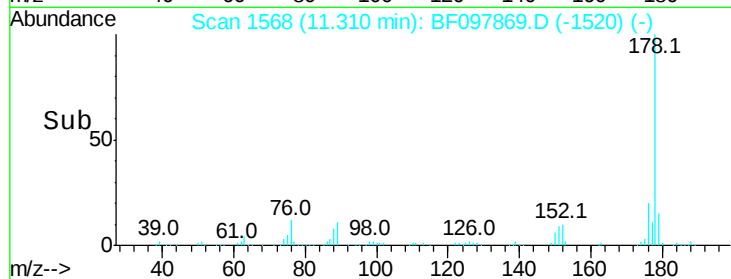
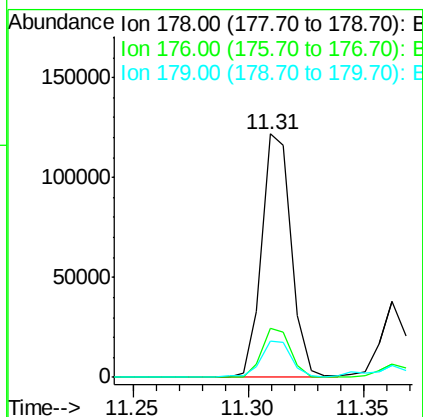
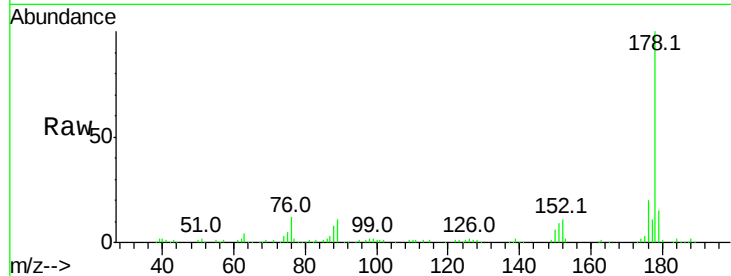
#70
Phenanthrene
Concen: 5.445 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	14.7	12.6	19.0

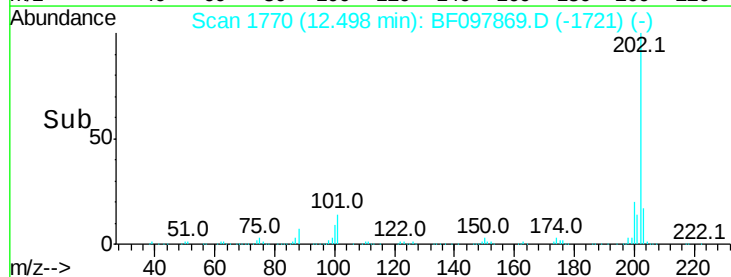
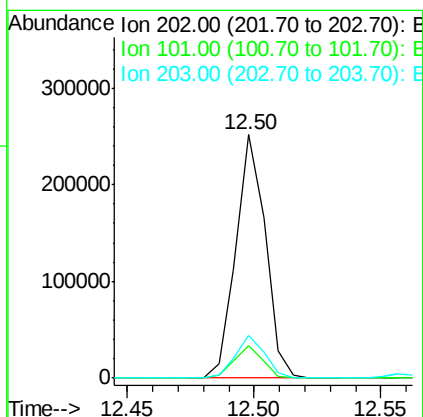
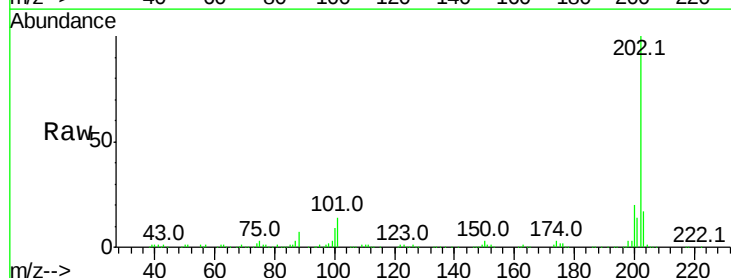
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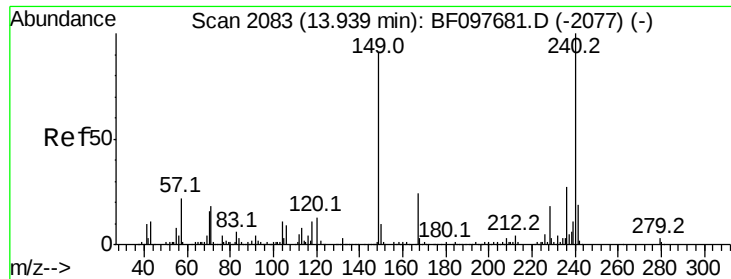
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#74
Fluoranthene
Concen: 9.779 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097869.D

Acq: 19 Aug 2017 8:52

Instrument :

BNA_F

ClientSampleId :

E2-K10-ESW

Tot Ion:240 Resp: 311850
Ion Ratio Lower Upper

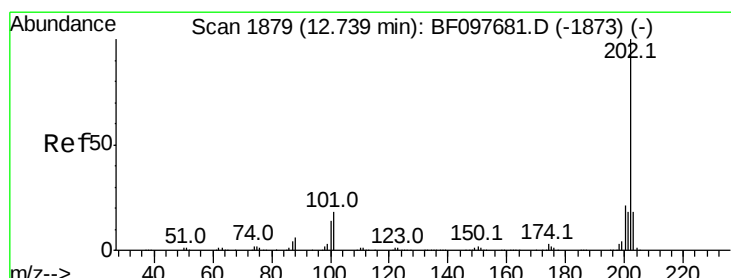
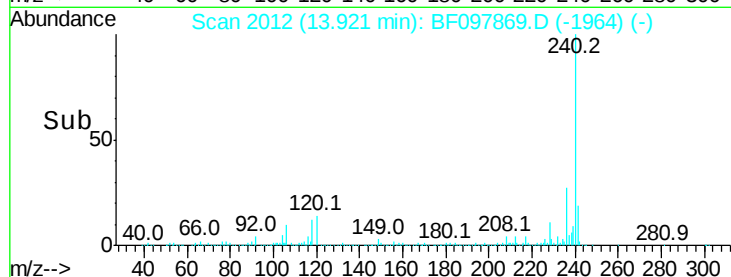
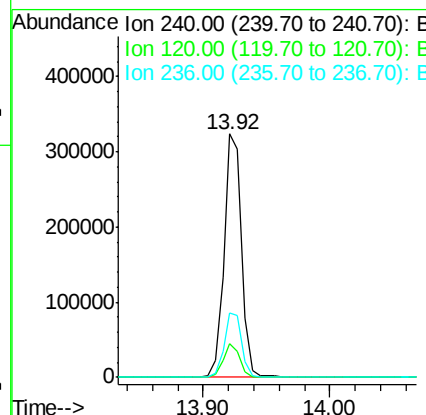
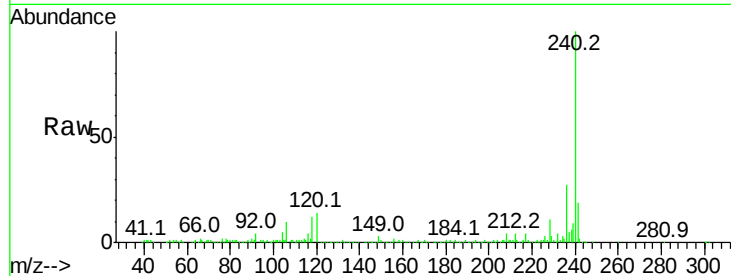
240 100

120 14.1 5.8 8.8#

236 26.6 20.5 30.7

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#77

Pyrene

Concen: 7.654 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097869.D

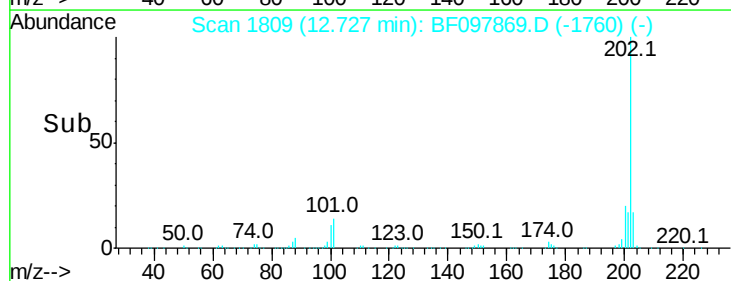
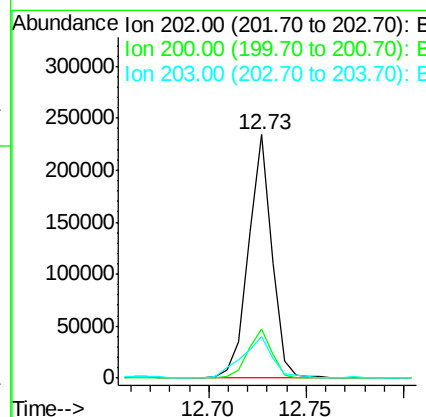
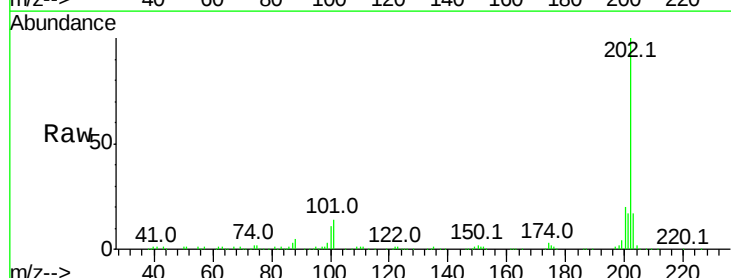
Acq: 19 Aug 2017 8:52

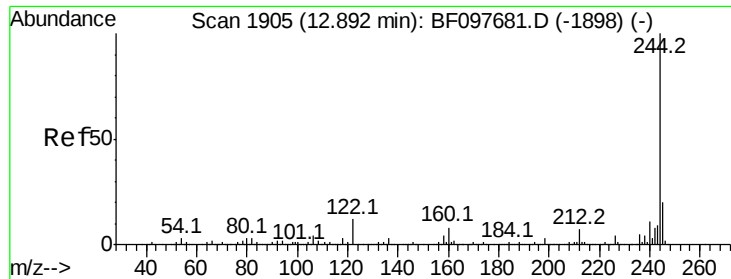
Tgt Ion:202 Resp: 195233
Ion Ratio Lower Upper

202 100

200 20.0 17.6 26.4

203 16.8 14.4 21.6





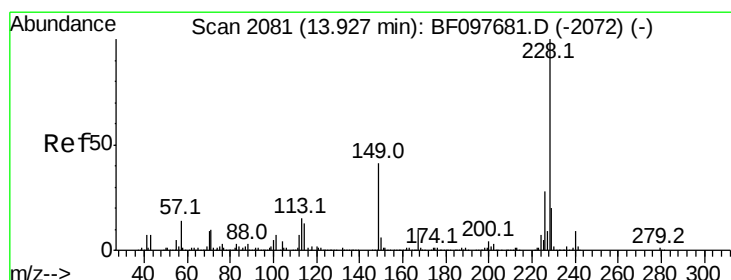
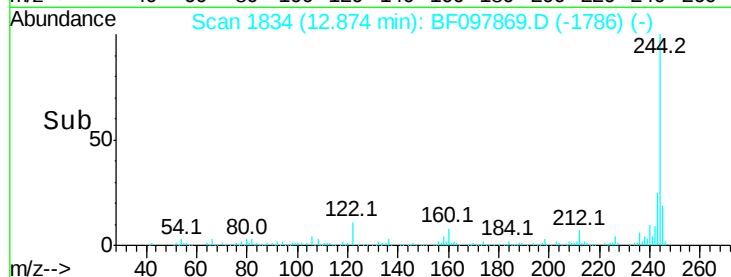
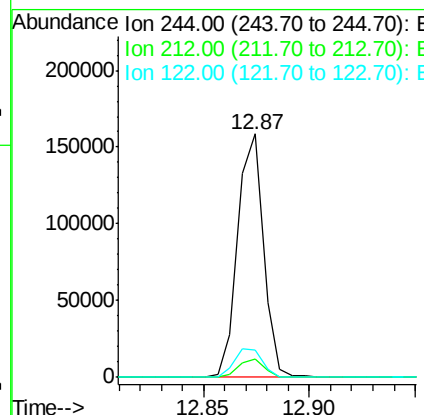
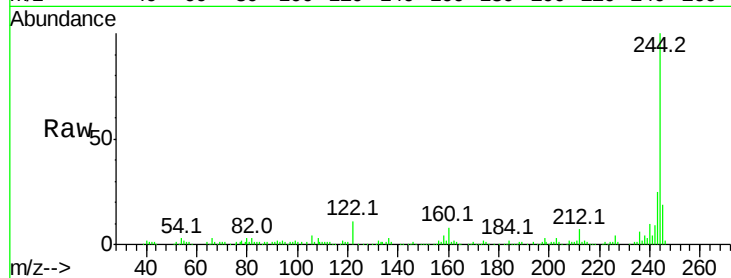
#78
 Terphenyl-d14
 Concen: 8.920 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF097869.D
 Acq: 19 Aug 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-K10-ESW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.1	10.3	15.5

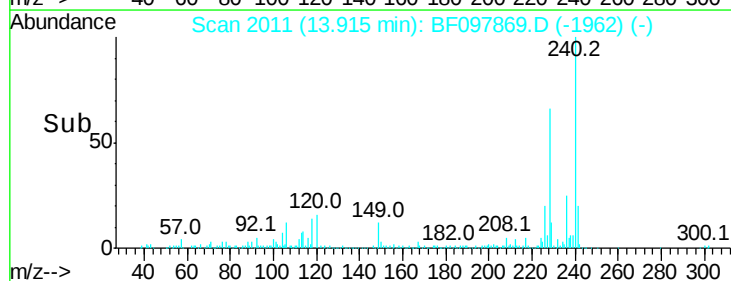
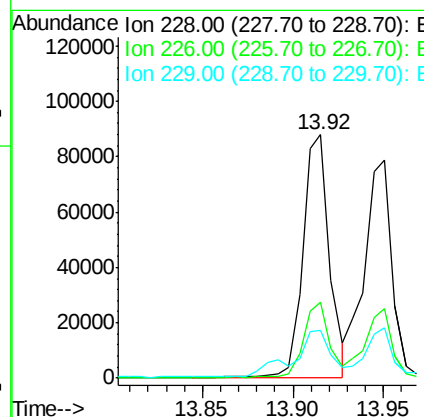
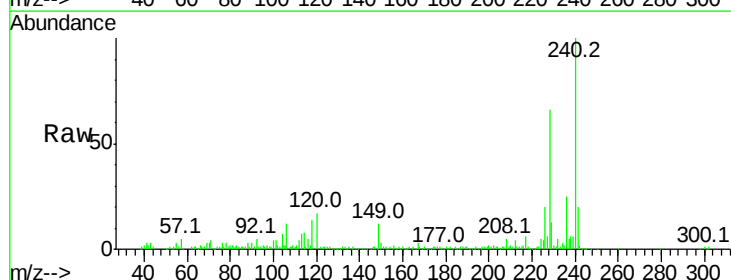
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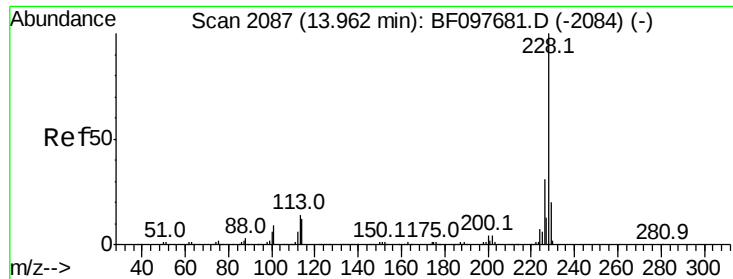
mohammad
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#80
 Benzo(a)anthracene
 Concen: 4.892 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF097869.D
 Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	19.4	16.3	24.5





#82

Chrysene

Concen: 4.535 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF097869.D

Acq: 19 Aug 2017 8:52

Instrument :

BNA_F

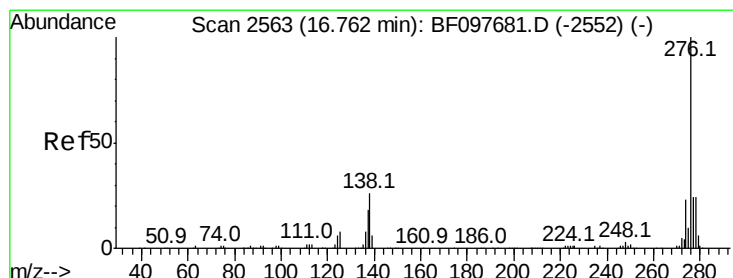
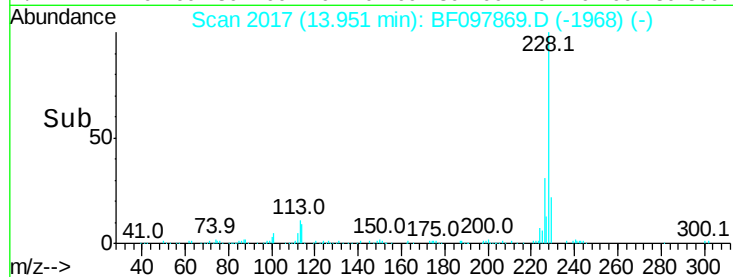
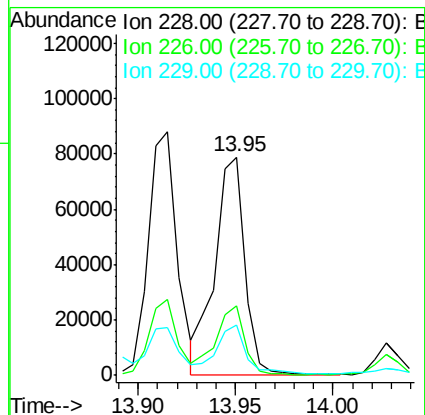
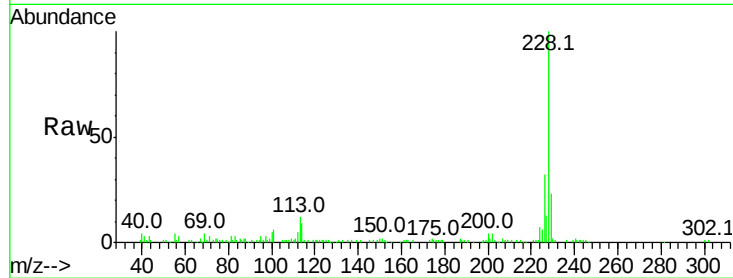
ClientSampleId :

E2-K10-ESW

Tot Ion:	228	Resp:	84322
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	23.0	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.595 ng

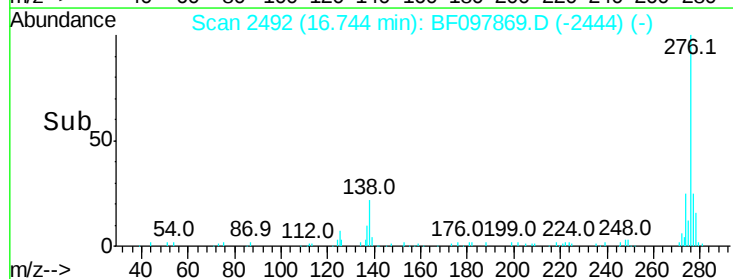
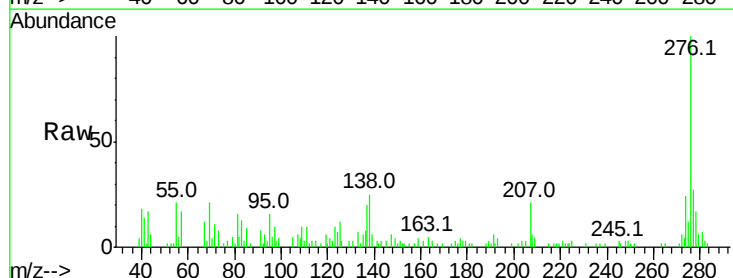
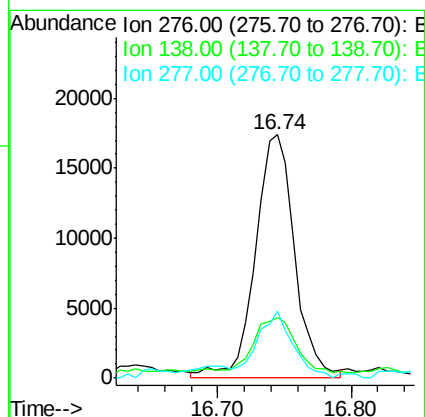
RT: 16.74 min Scan# 2492

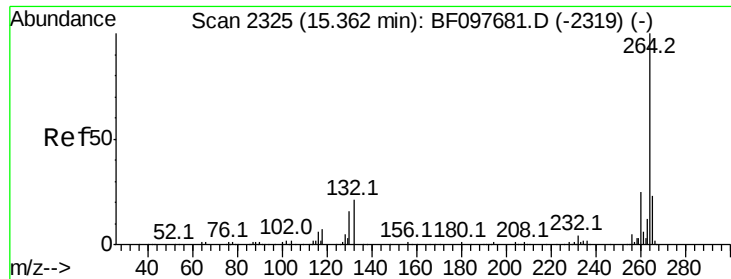
Delta R.T. -0.02 min

Lab File: BF097869.D

Acq: 19 Aug 2017 8:52

Tgt Ion:	276	Resp:	35488
Ion Ratio	Lower	Upper	
276	100		
138	22.9	27.8	41.6#
277	24.9	20.2	30.4





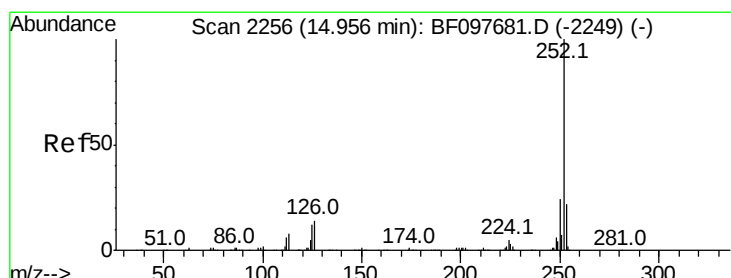
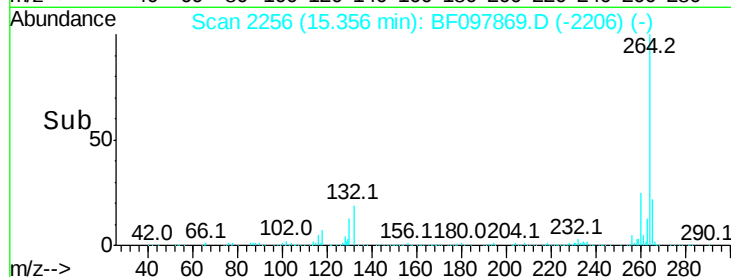
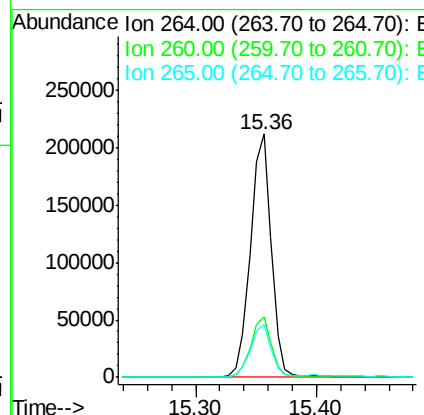
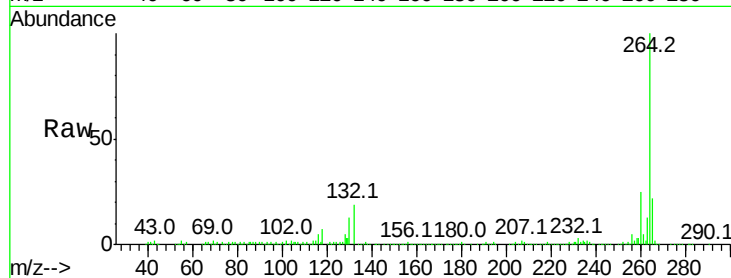
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.6	17.2	25.8

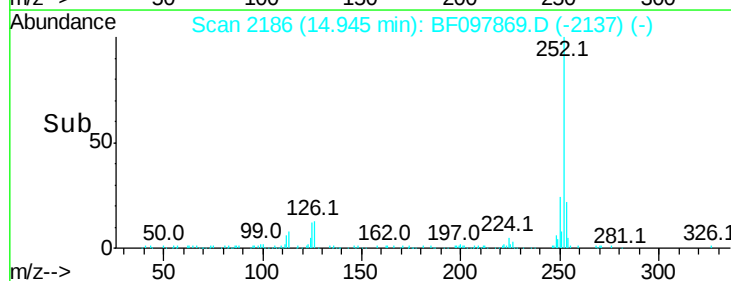
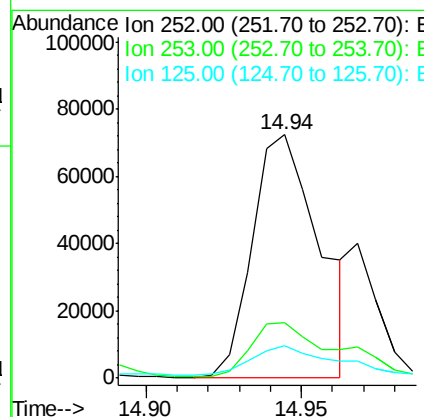
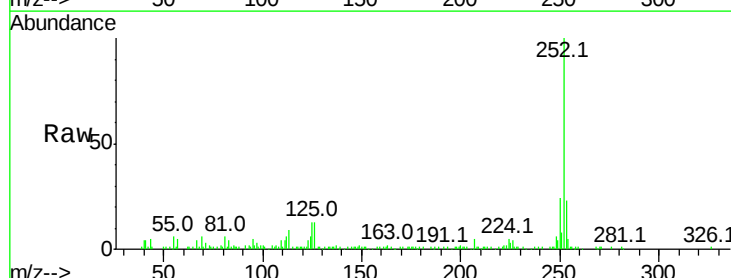
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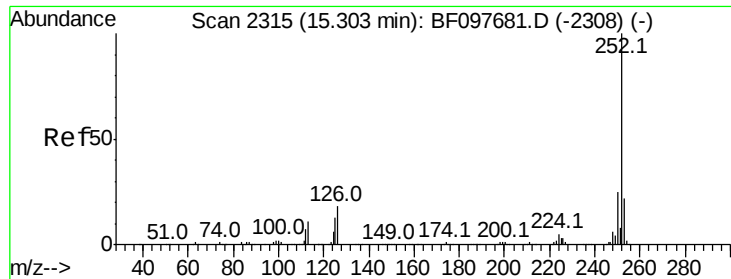
mohammad
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#87
Benzo(b)fluoranthene
Concen: 6.681 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	13.2	9.8	14.8





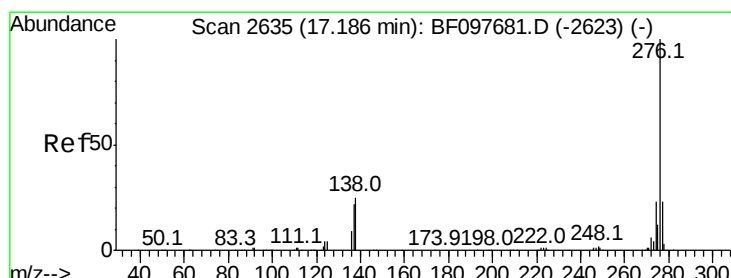
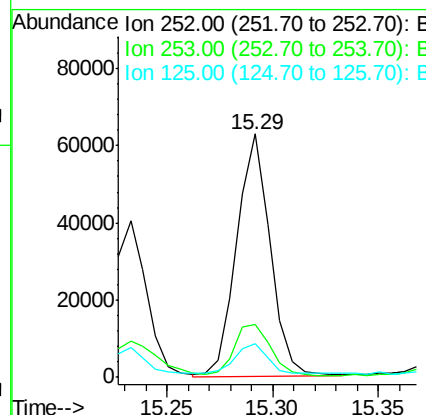
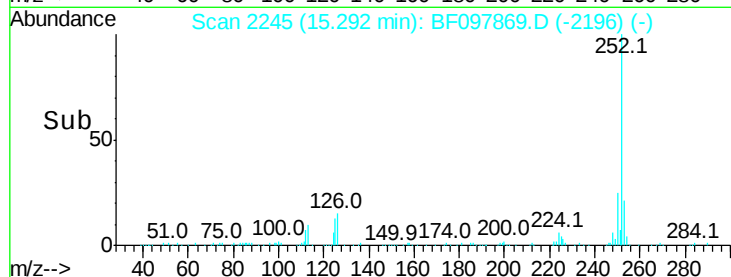
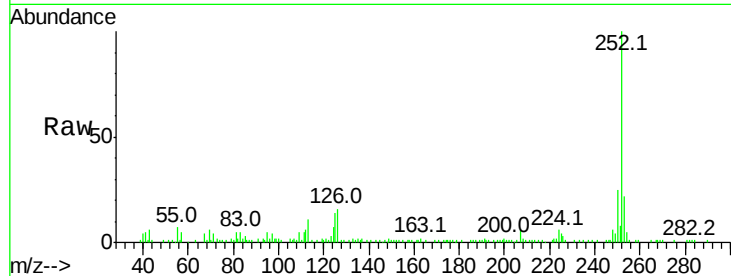
#89
Benzo(a)pyrene
Concen: 4.811 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.659 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	26.4	25.4	38.0

