

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106307.D
 Acq On : 11 Jun 2018 20:56
 Operator : JU/SJ
 Sample : J3248-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-C

Manual Integrations
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Sohil
 6/12/2018 12:58:24 PM

Quant Time: Jun 12 07:44:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	205895	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	774636	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	355886	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	619999	20.00	ng	0.00
75) Chrysene-d12	14.15	240	543938	20.00	ng	-0.01
86) Perylene-d12	15.68	264	425960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	258865	21.28	ng	0.00
7) Phenol-d6	6.58	99	324508	21.11	ng	-0.01
23) Nitrobenzene-d5	7.52	82	196812	14.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	70294	20.53	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	381275	9.30	ng	0.00
78) Terphenyl-d14	13.10	244	357729	16.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	56928	2.239	ng	Qvalue # 95
70) Phenanthrene	11.52	178	87322	2.876	ng	98
74) Fluoranthene	12.72	202	95143m	2.938	ng	
77) Pyrene	12.95	202	102795	3.019	ng	96

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

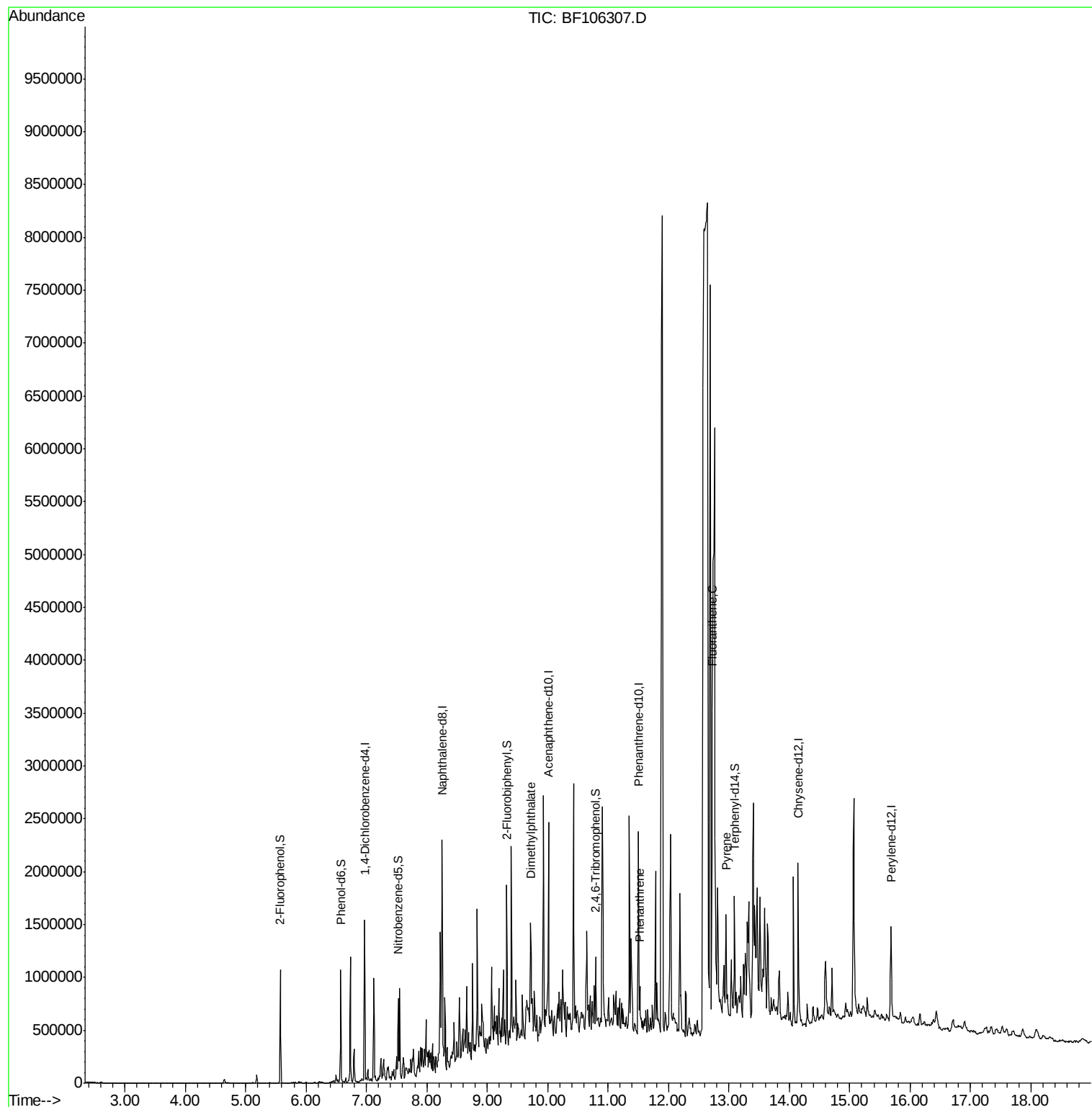
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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ALS Vial : 14 Sample Multiplier: 1

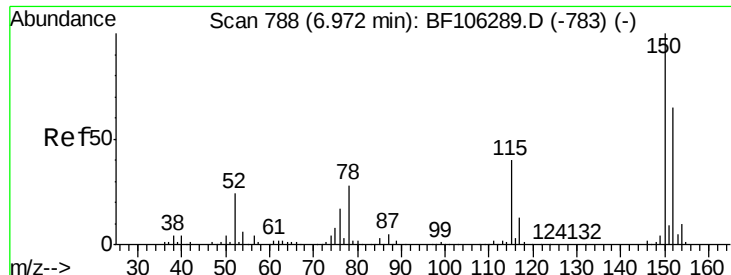
Instrument :
BNA_F
ClientSampleId :
EO-02-060818-C

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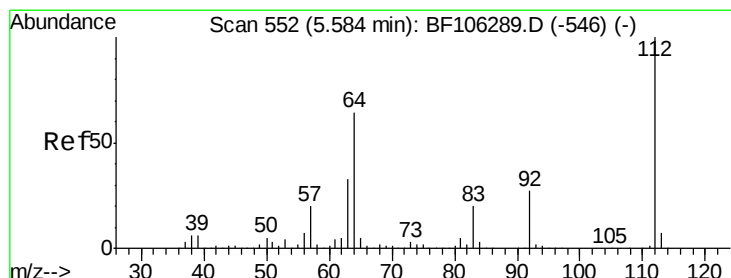
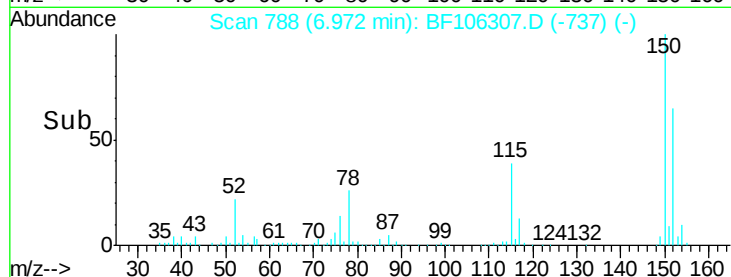
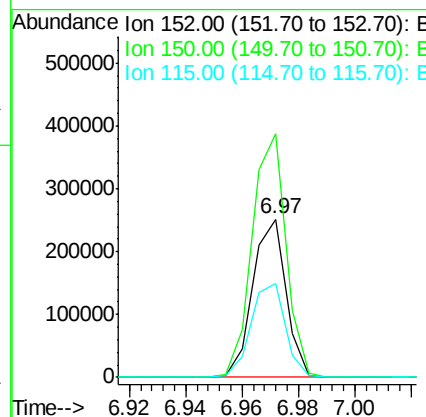
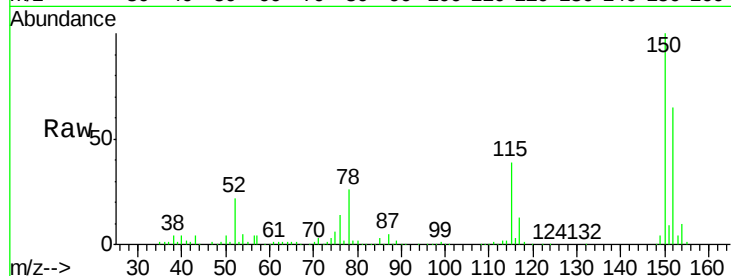
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	59.4	50.1	75.1

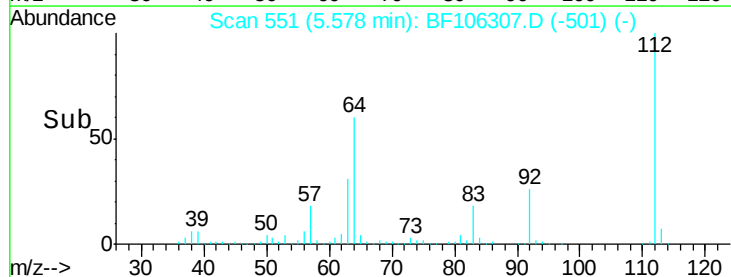
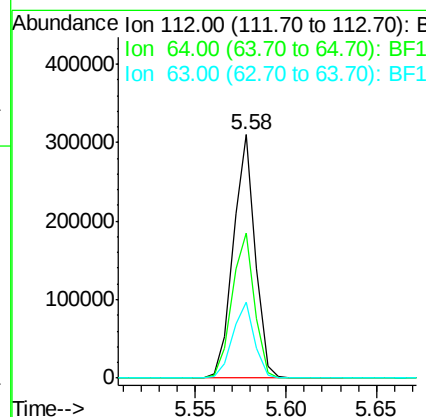
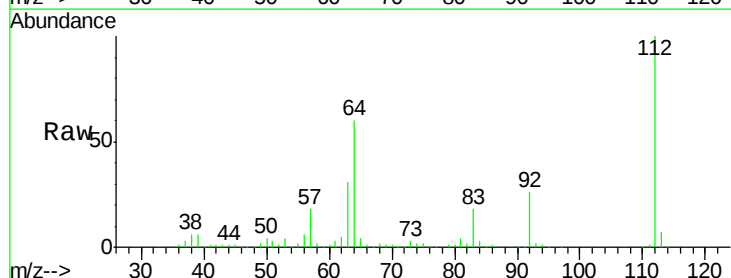
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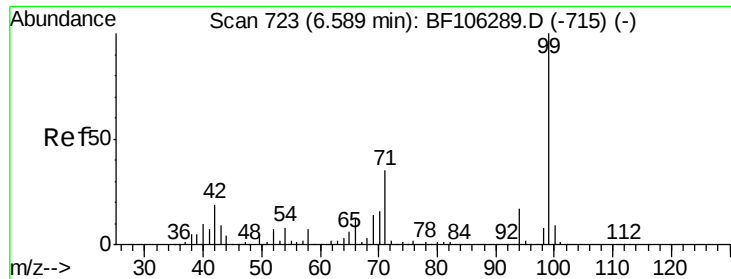
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#5
 2-Fluorophenol
 Concen: 21.279 ng
 RT: 5.58 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 21.114 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF106307.D

Acq: 11 Jun 2018 20:56

Instrument :

BNA_F

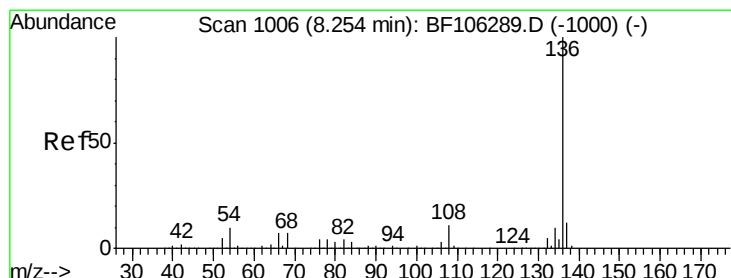
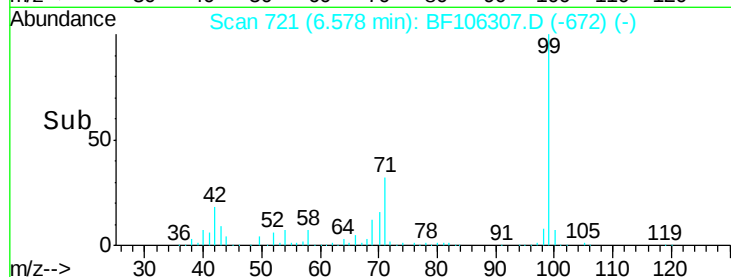
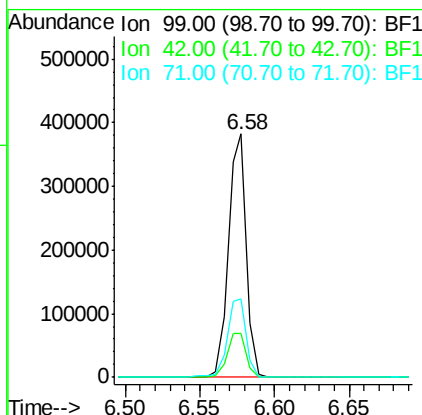
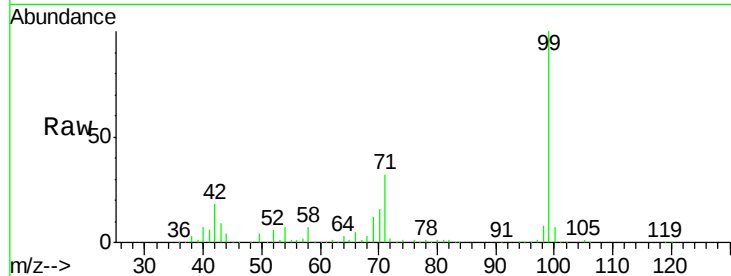
ClientSampleId :

EO-02-060818-C

Tot Ion:	99	Resp:	324508
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

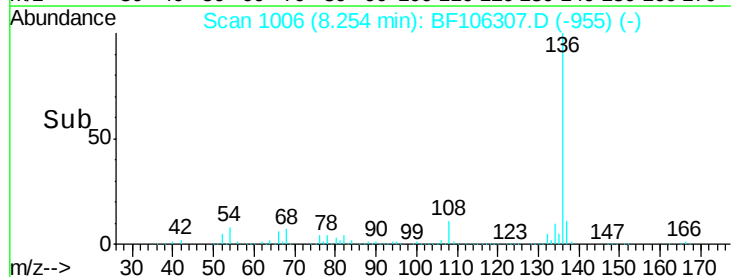
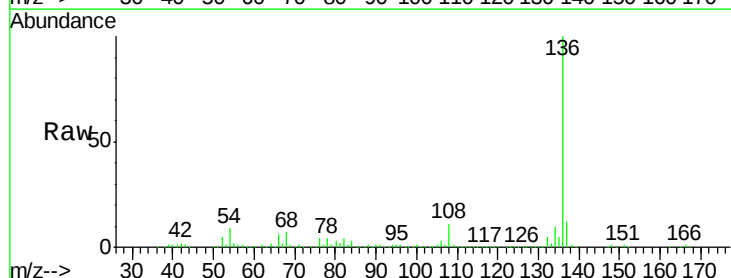
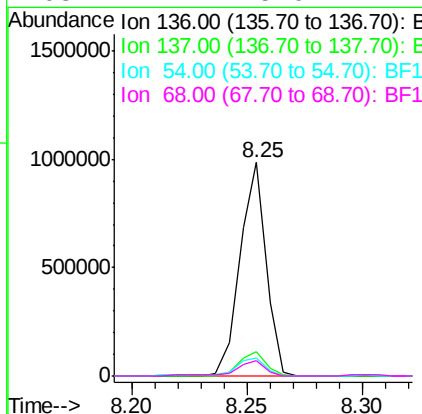
RT: 8.25 min Scan# 1006

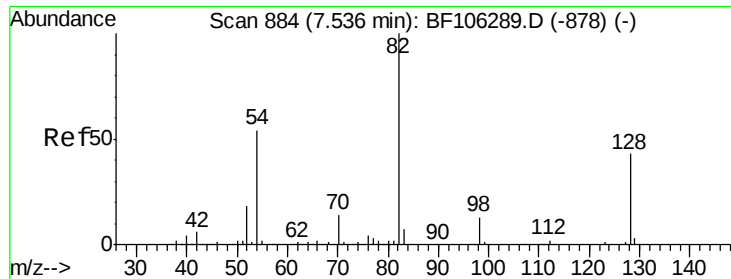
Delta R.T. 0.00 min

Lab File: BF106307.D

Acq: 11 Jun 2018 20:56

Tgt Ion:	136	Resp:	774636
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.7	6.6	9.8
68	7.1	5.0	7.4





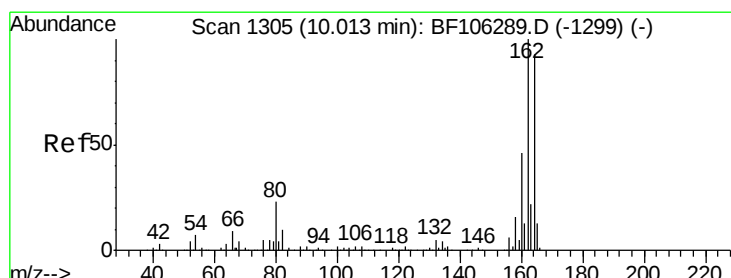
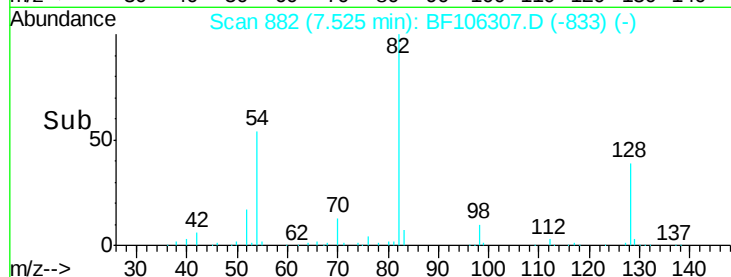
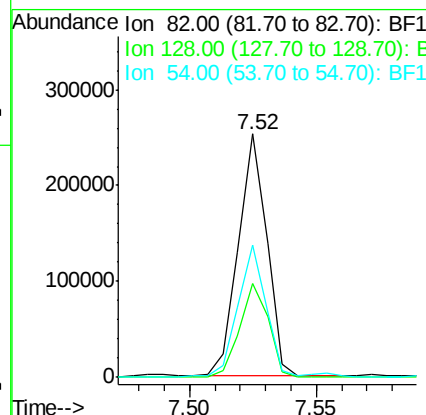
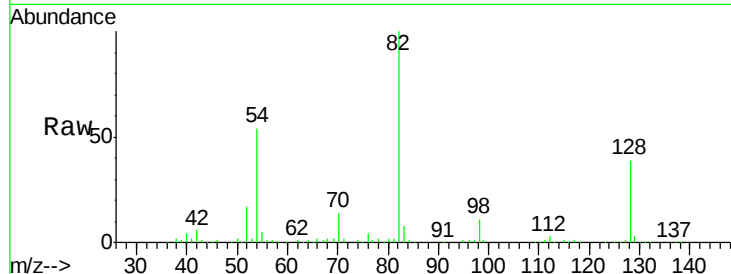
#23
 Nitrobenzene-d5
 Concen: 14.947 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100	196812		
128	38.5	36.1	54.1	
54	54.4	41.4	62.2	

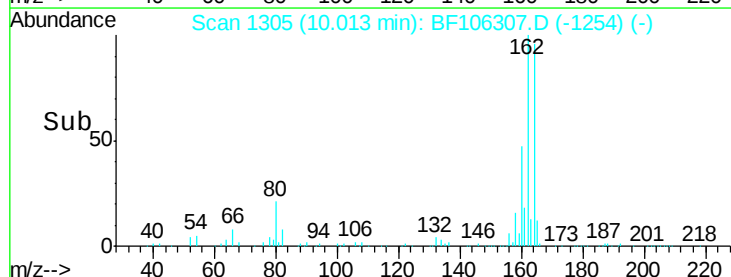
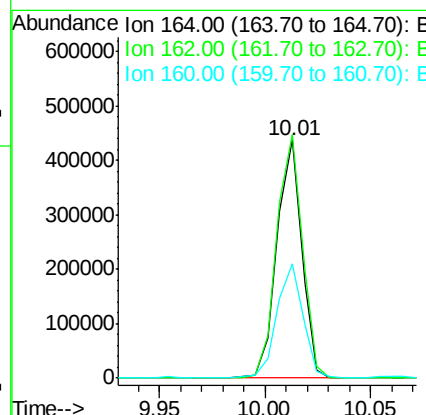
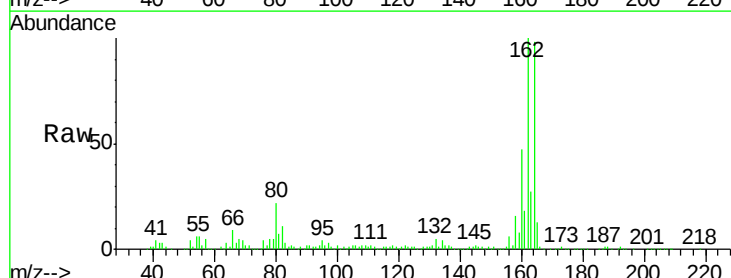
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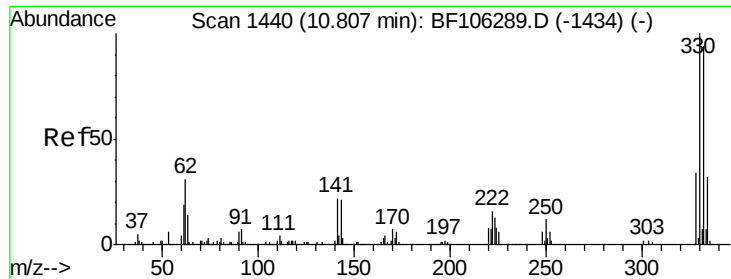
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	355886		
162	102.3	86.1	129.1	
160	47.9	38.3	57.5	





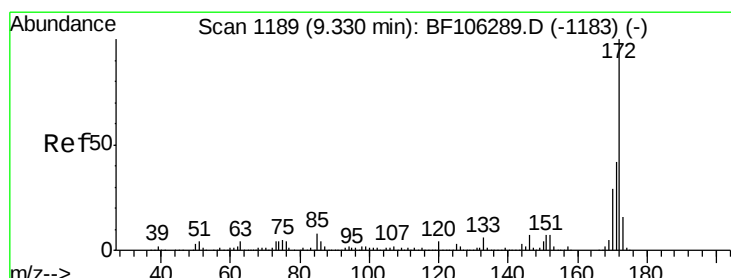
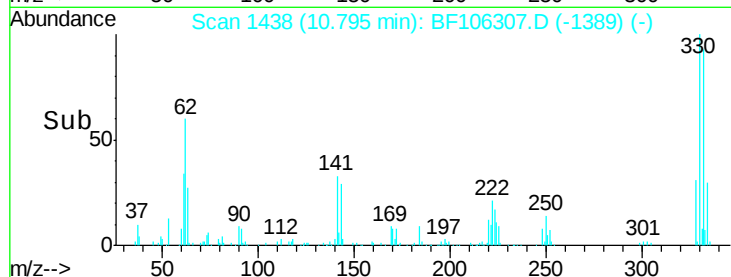
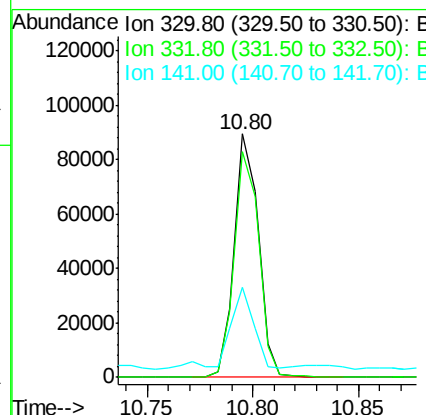
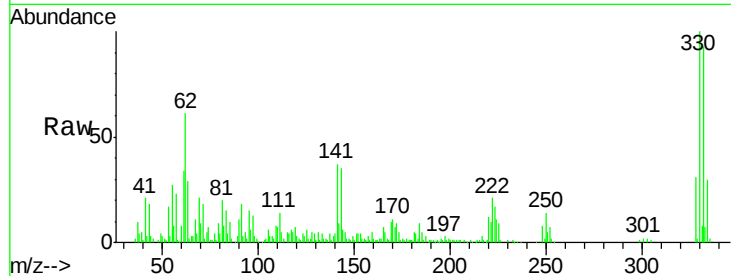
#41
 2,4,6-Tribromophenol
 Concen: 20.528 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.5	29.9	44.9

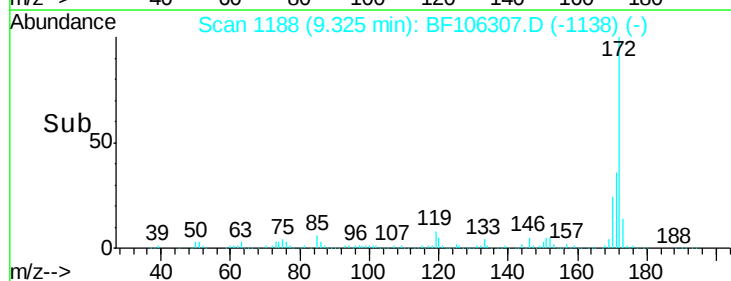
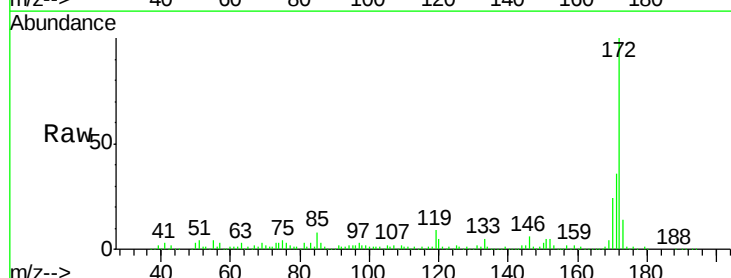
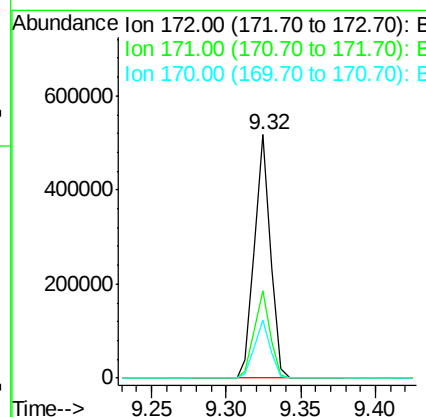
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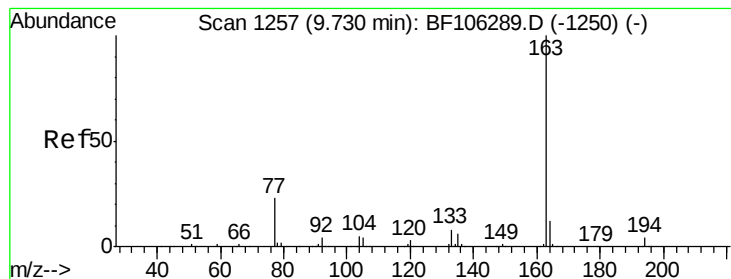
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#44
 2-Fluorobiphenyl
 Concen: 9.302 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 2.239 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106307.D

Acq: 11 Jun 2018 20:56

Instrument :

BNA_F

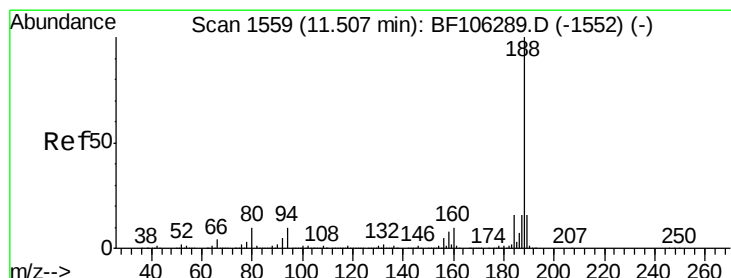
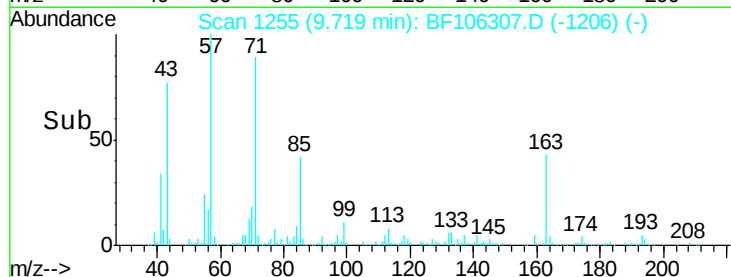
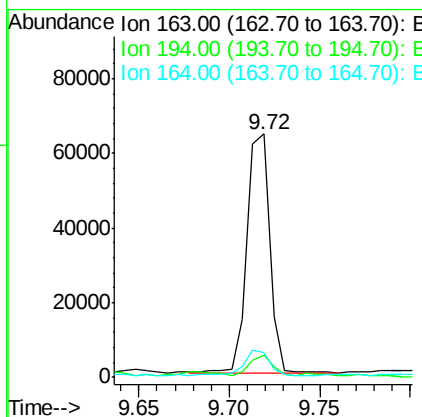
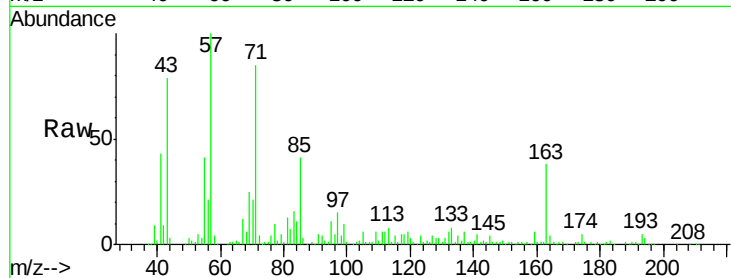
ClientSampleId :

EO-02-060818-C

Tot Ion:	163	Resp:	56928
Ion Ratio	Lower	Upper	
163	100		
194	9.0	2.7	4.1#
164	10.0	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

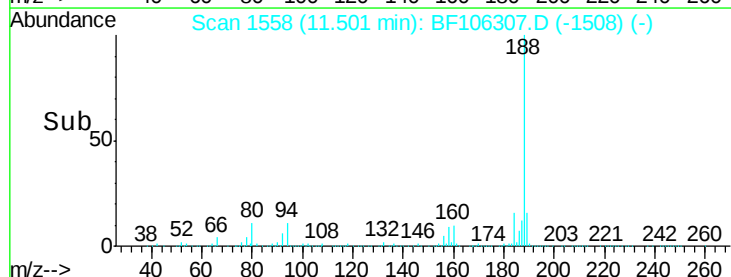
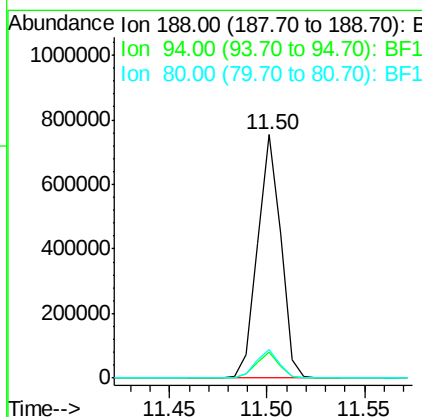
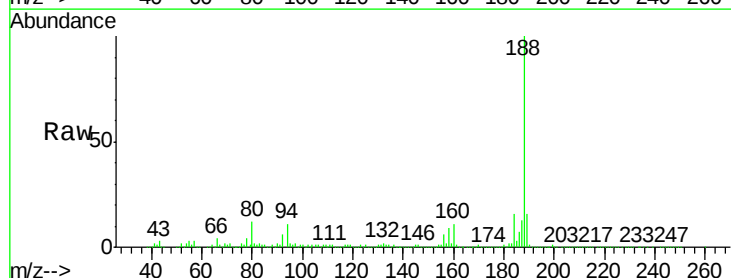
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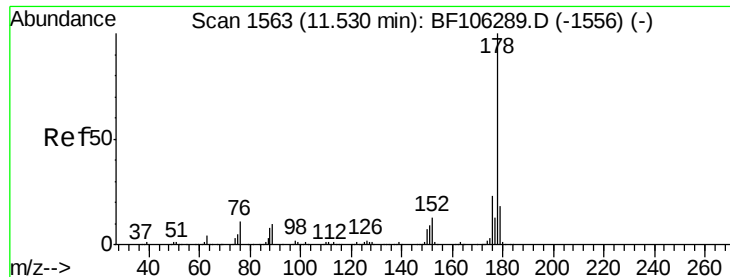
Delta R.T. -0.01 min

Lab File: BF106307.D

Acq: 11 Jun 2018 20:56

Tgt Ion:	188	Resp:	619999
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8





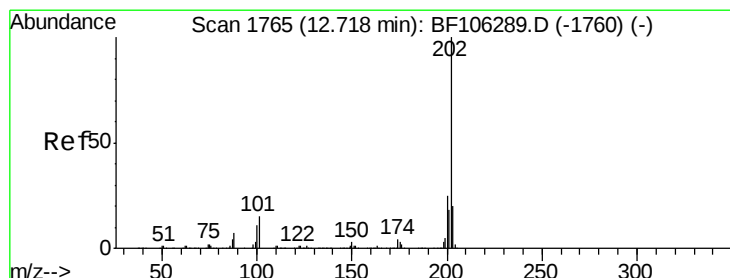
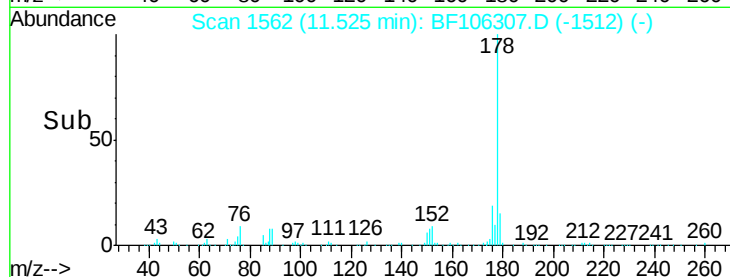
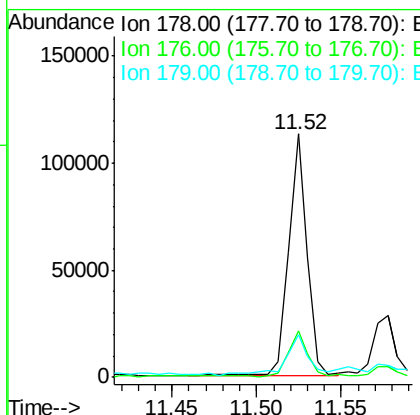
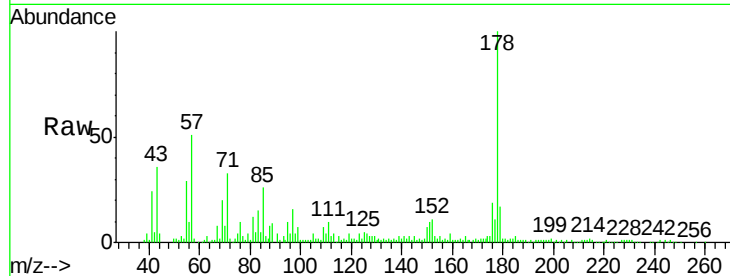
#70
Phenanthrene
Concen: 2.876 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF106307.D
Acq: 11 Jun 2018 20:56

Instrument :
BNA_F
ClientSampleId :
EO-02-060818-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.3	13.0	19.6

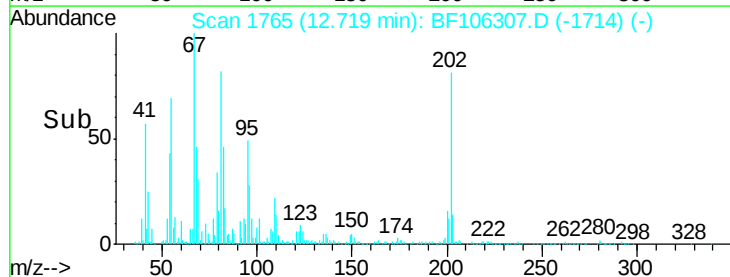
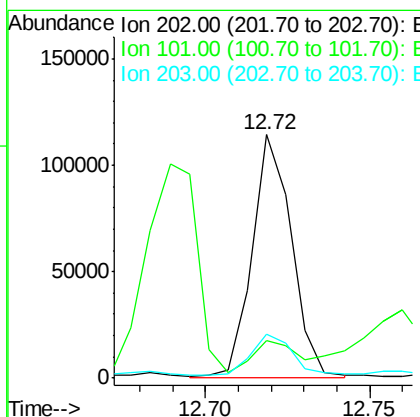
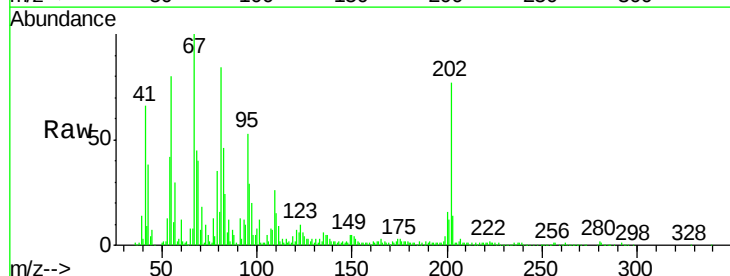
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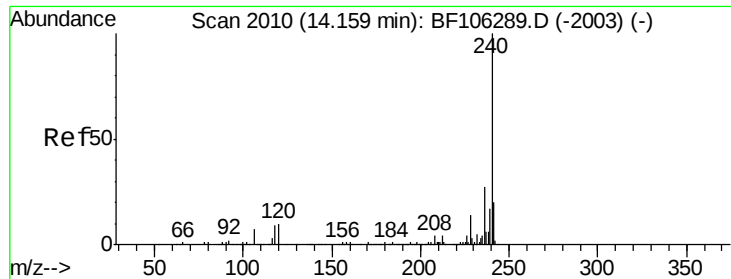
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#74
Fluoranthene
Concen: 2.938 ng m
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106307.D
Acq: 11 Jun 2018 20:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106307.D

Acq: 11 Jun 2018 20:56

Instrument :

BNA_F

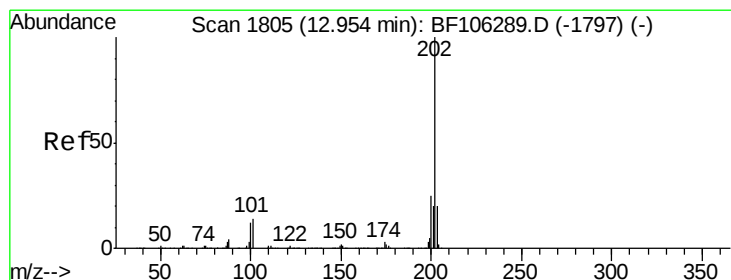
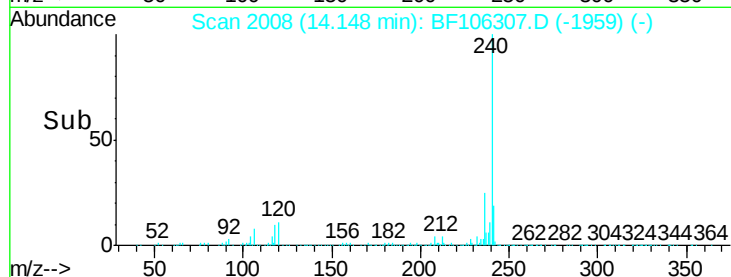
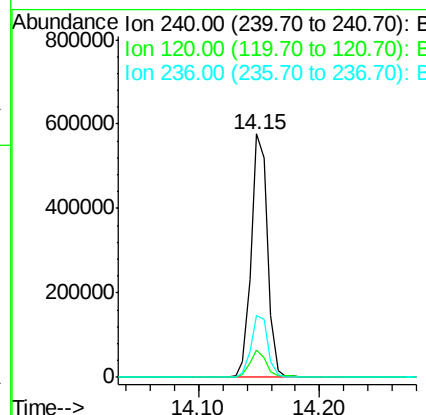
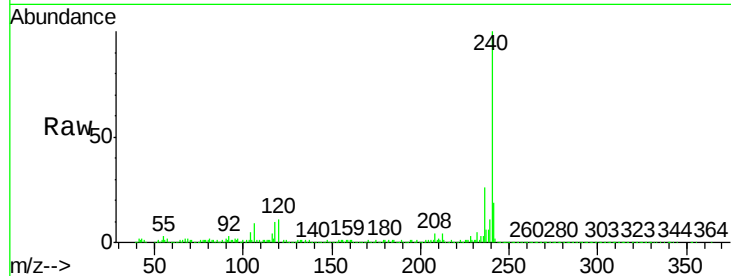
ClientSampleId :

EO-02-060818-C

Tot Ion:	240	Resp:	543938
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.019 ng

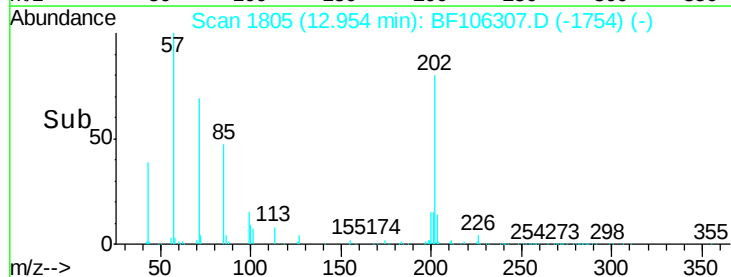
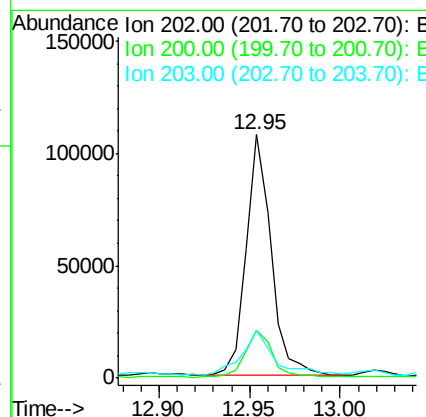
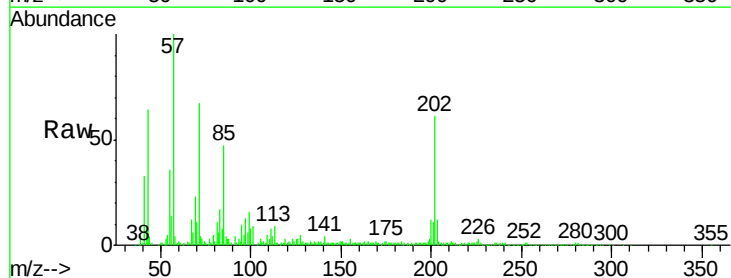
RT: 12.95 min Scan# 1805

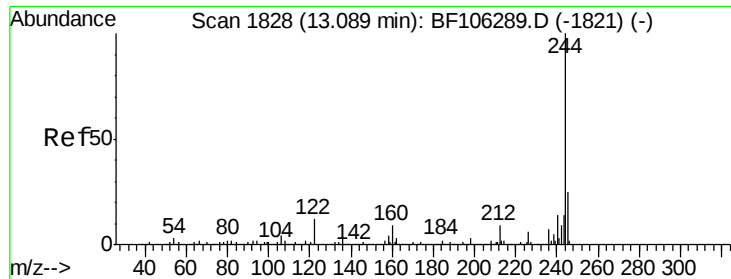
Delta R.T. 0.00 min

Lab File: BF106307.D

Acq: 11 Jun 2018 20:56

Tgt Ion:	202	Resp:	102795
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	19.7	14.3	21.5





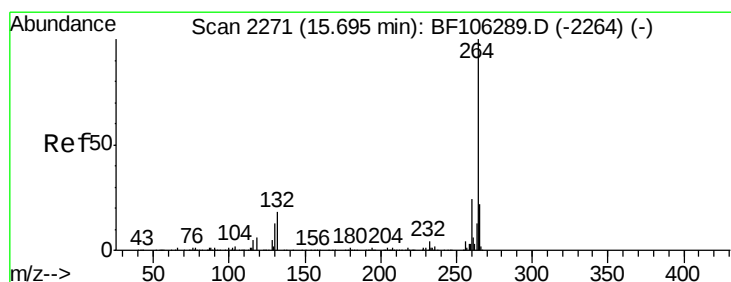
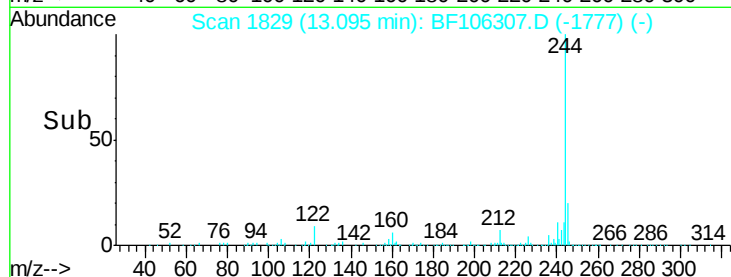
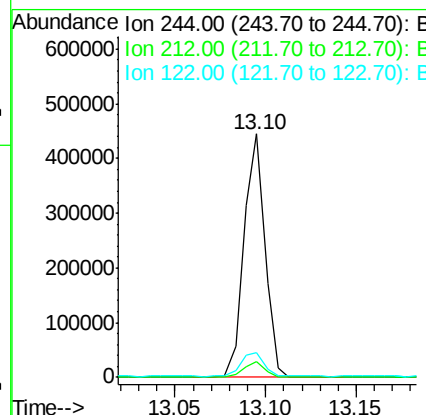
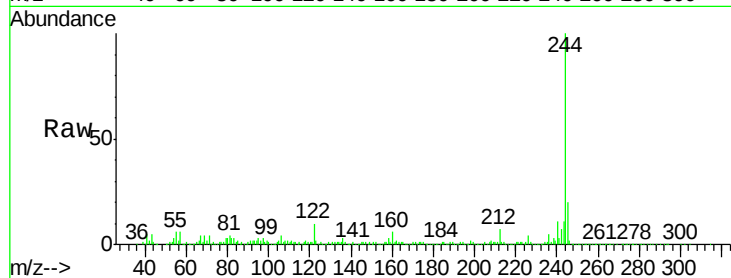
#78
 Terphenyl-d14
 Concen: 16.335 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060818-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.0	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:24 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106307.D
 Acq: 11 Jun 2018 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3

