

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106440.D
 Acq On : 14 Jun 2018 14:23
 Operator : JU/SJ
 Sample : J3239-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-061318-B

Manual Integrations
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Sohil
 6/15/2018 11:16:45 AM

Quant Time: Jun 14 18:53:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122515	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	465721	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	213191	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	388551	20.00	ng	0.00
75) Chrysene-d12	14.21	240	333813	20.00	ng	0.05
86) Perylene-d12	15.82	264	328327	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	719925	99.45	ng	0.00
7) Phenol-d6	6.61	99	895260	97.89	ng	0.00
23) Nitrobenzene-d5	7.52	82	588087	74.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	241125	117.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	983600	80.59	ng	0.00
78) Terphenyl-d14	13.09	244	906061	67.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	124376	8.166	ng	100
70) Phenanthrene	11.52	178	43987	2.312	ng	97
74) Fluoranthene	12.72	202	108095	5.327	ng	97
77) Pyrene	12.95	202	102040	4.883	ng	95
80) Benzo(a)anthracene	14.20	228	60319	3.036	ng	99
82) Chrysene	14.24	228	52976	2.921	ng	98
85) Indeno(1,2,3-cd)pyrene	17.39	276	31259m	2.160	ng	
87) Benzo(b)fluoranthene	15.36	252	74661m	3.762	ng	
89) Benzo(a)pyrene	15.75	252	50828	2.847	ng	# 94

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

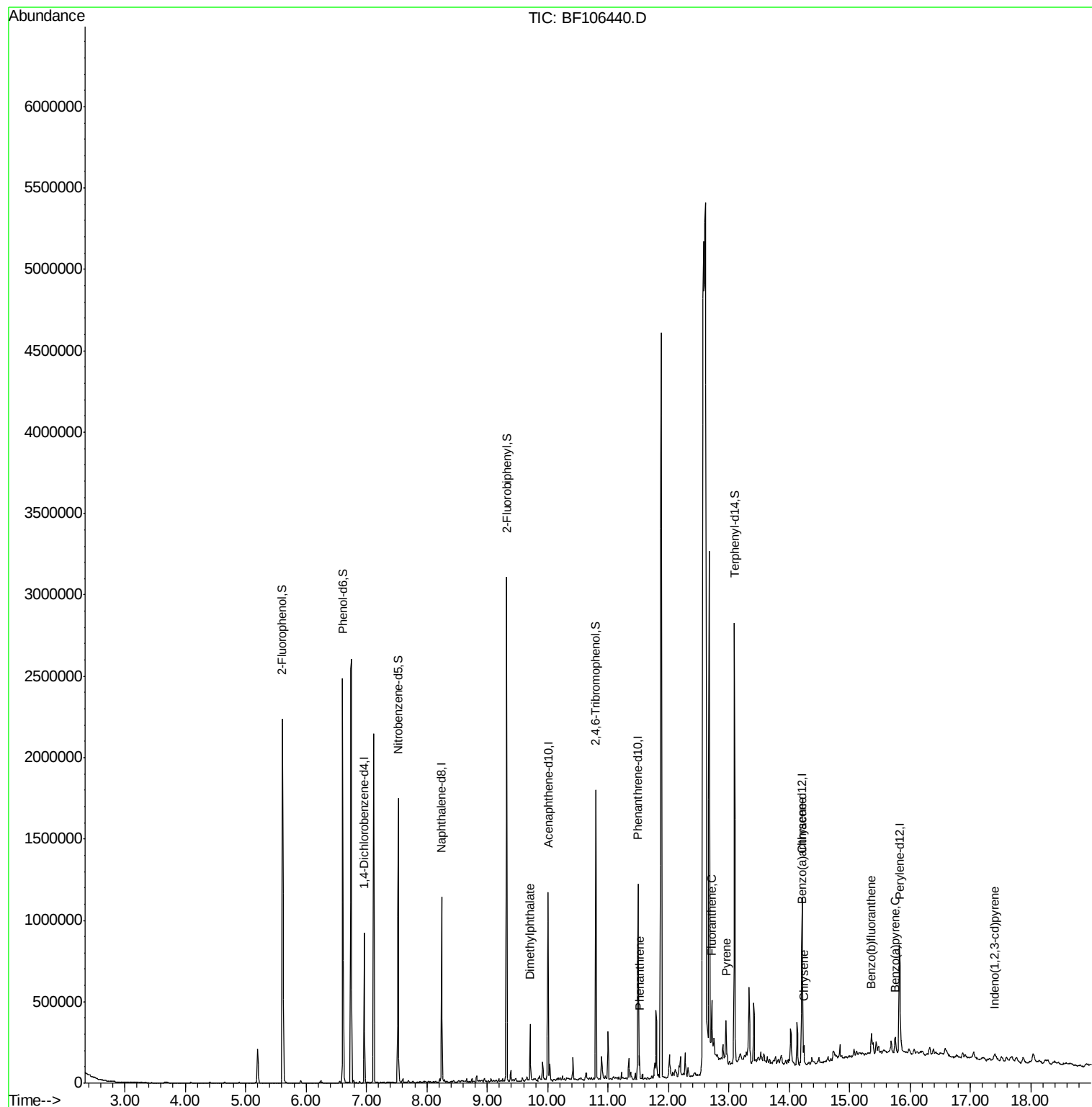
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106440.D
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Sample : J3239-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

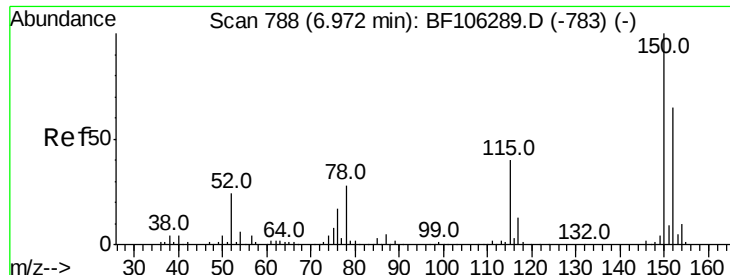
Instrument :
BNA_F
ClientSampleId :
AU-06-061318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

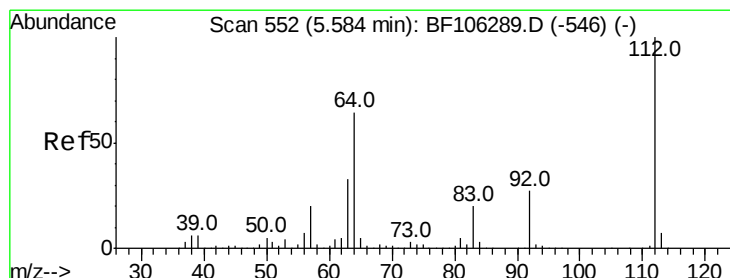
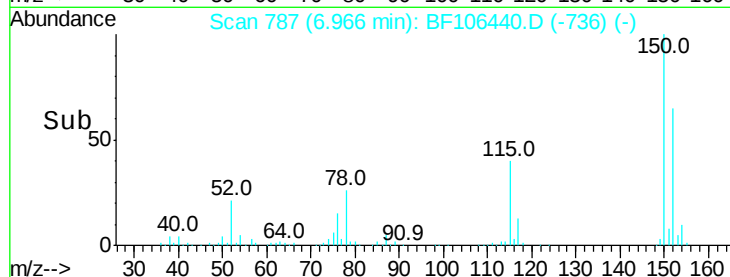
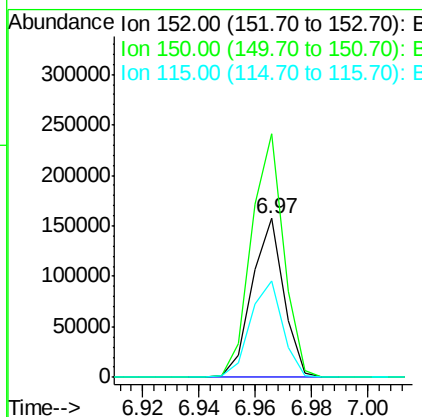
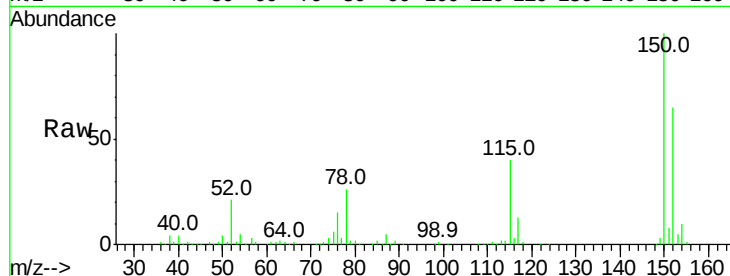
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106440.D
Acq: 14 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :
AU-06-061318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	61.1	50.1	75.1

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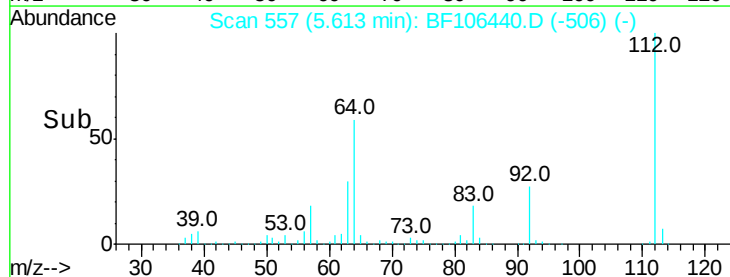
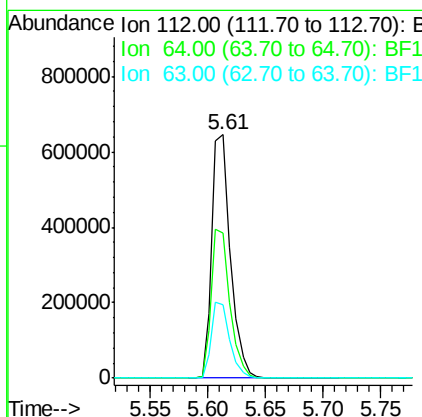
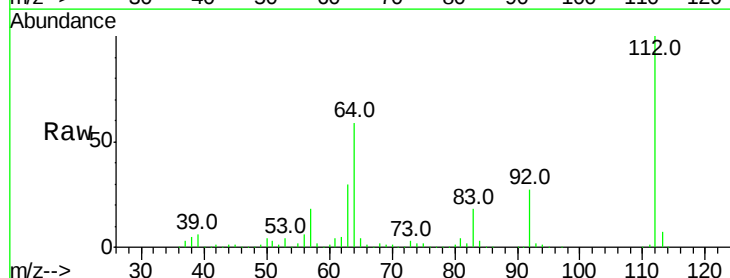
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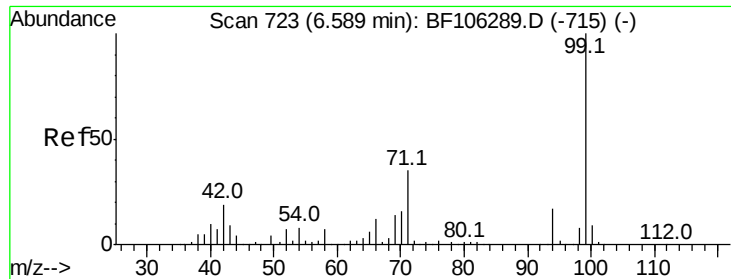


#5

2-Fluorophenol
Concen: 99.455 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106440.D
Acq: 14 Jun 2018 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 97.891 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Instrument :

BNA_F

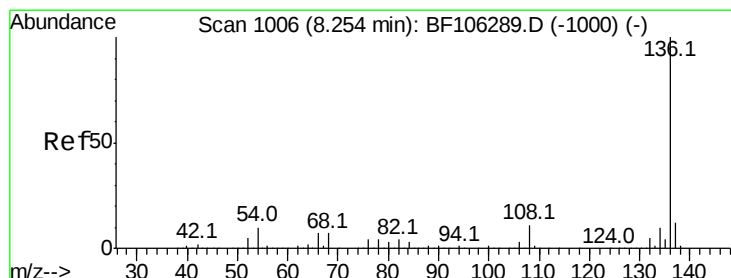
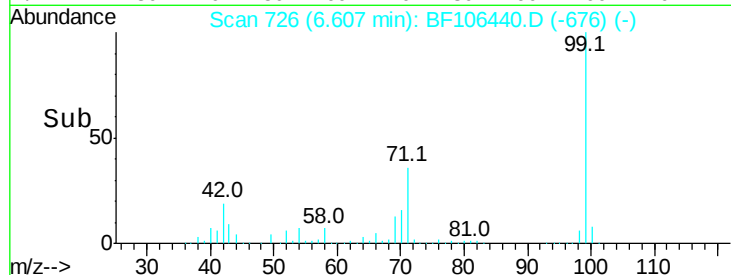
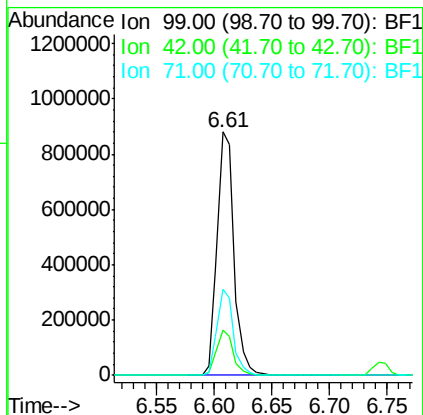
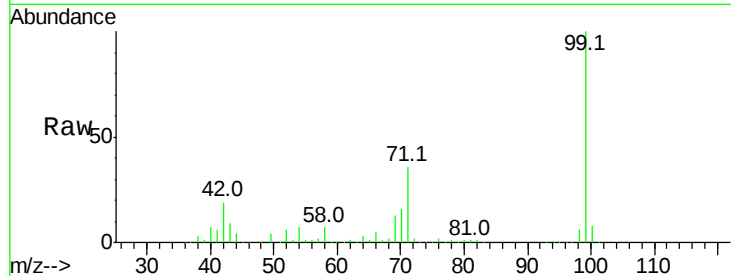
ClientSampleId :

AU-06-061318-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		895260		
42	18.6	14.5	21.7		
71	35.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

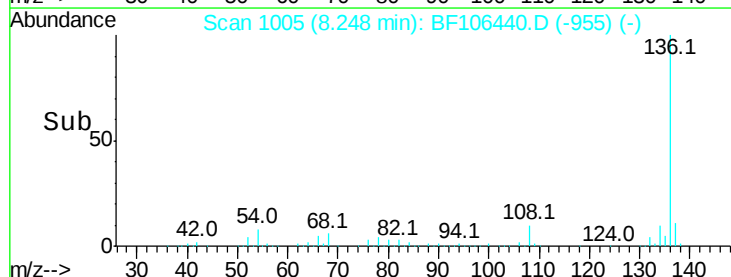
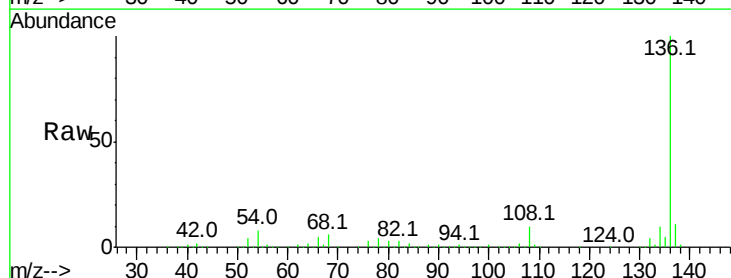
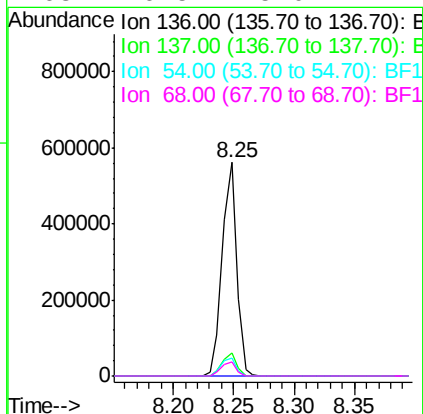
RT: 8.25 min Scan# 1005

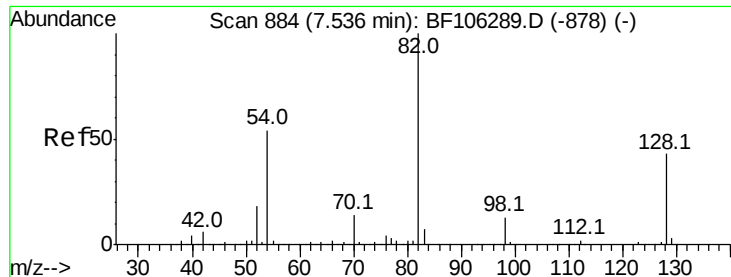
Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		465721		
137	10.6	8.9	13.3		
54	8.3	6.6	9.8		
68	6.5	5.0	7.4		





#23

Nitrobenzene-d5

Concen: 74.285 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Instrument :

BNA_F

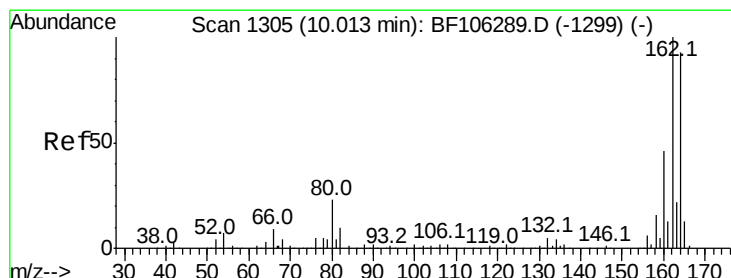
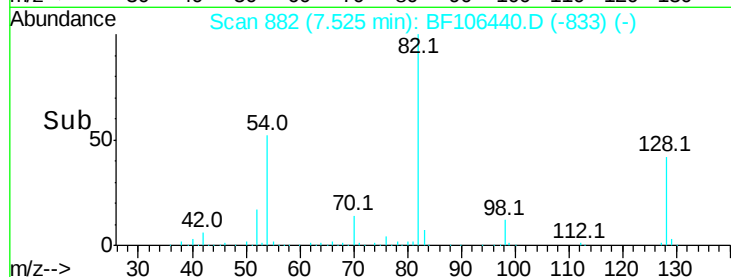
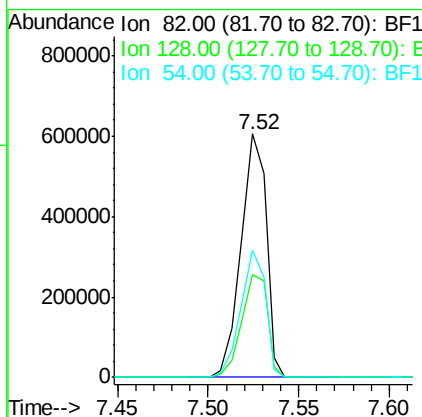
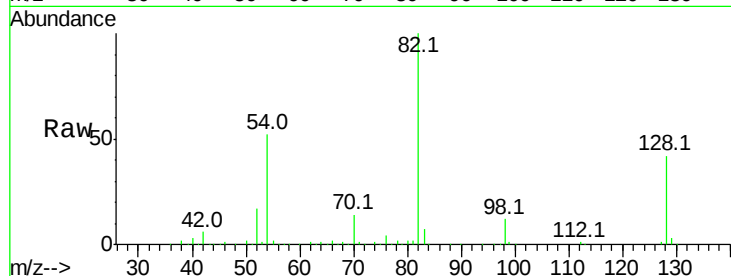
ClientSampleId :

AU-06-061318-B

Tot Ion:	82	Resp:	588087
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	52.0	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

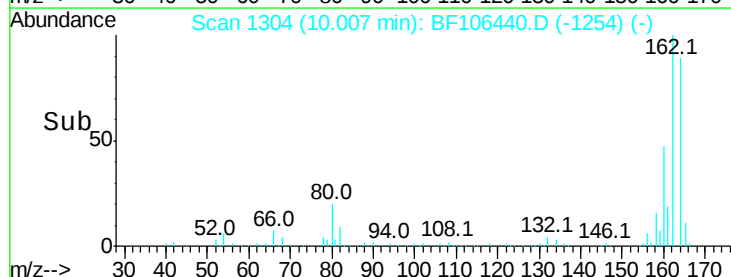
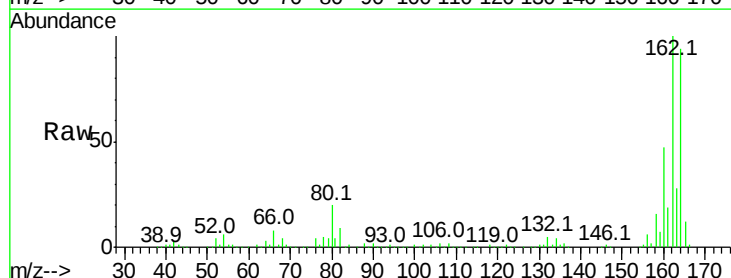
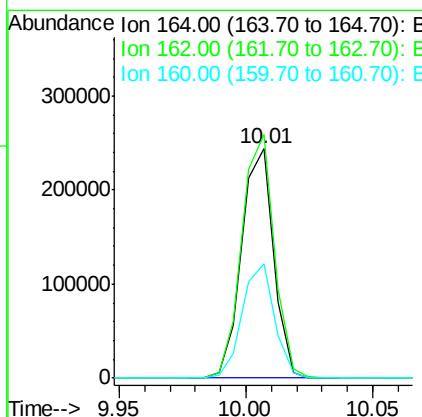
RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Tgt Ion:	164	Resp:	213191
Ion Ratio	Lower	Upper	
164	100		
162	106.1	86.1	129.1
160	50.0	38.3	57.5





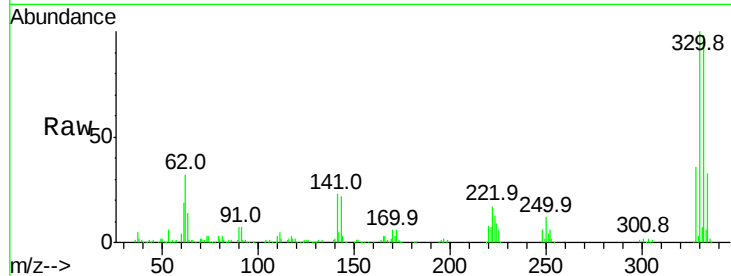
#41
 2,4,6-Tribromophenol
 Concen: 117.549 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106440.D
 Acq: 14 Jun 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-061318-B

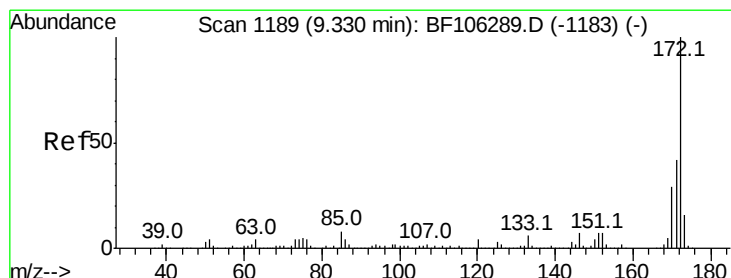
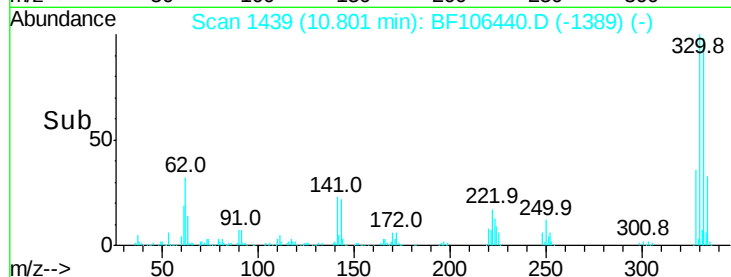
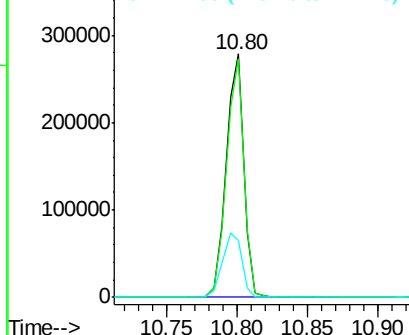
Tot Ion	Ratio	Resp	Lower	Upper
330	100	241125		
332	96.9	77.0	115.6	
141	29.6	29.9	44.9#	

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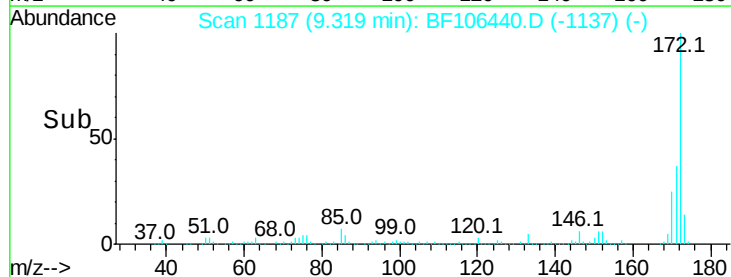
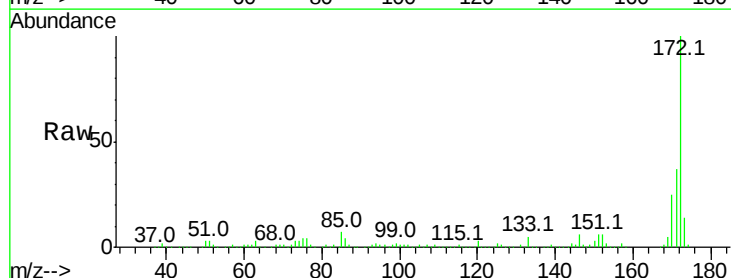
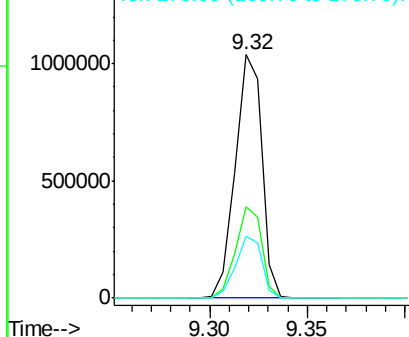
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

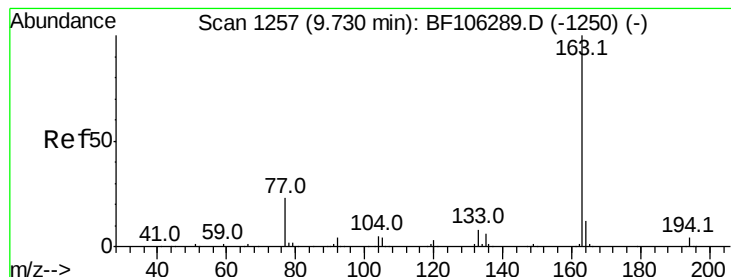


#44
 2-Fluorobiphenyl
 Concen: 80.587 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106440.D
 Acq: 14 Jun 2018 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	983600		
171	37.5	29.7	44.5	
170	25.5	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.166 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Instrument :

BNA_F

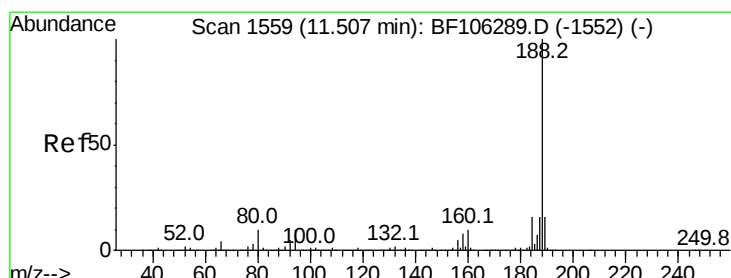
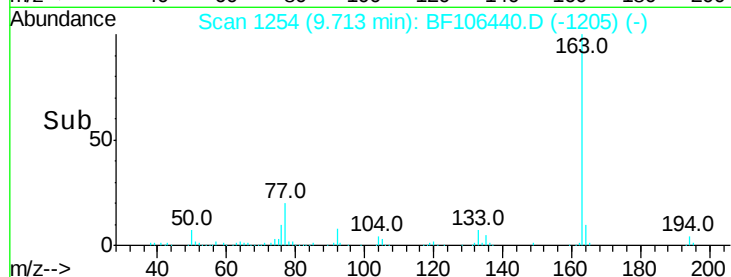
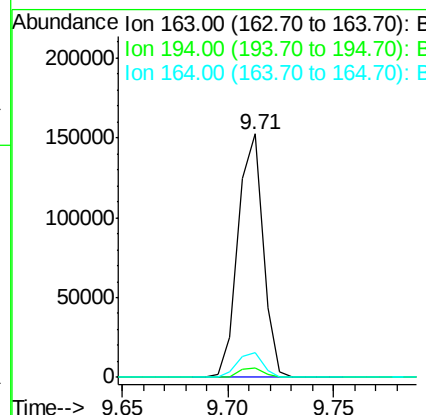
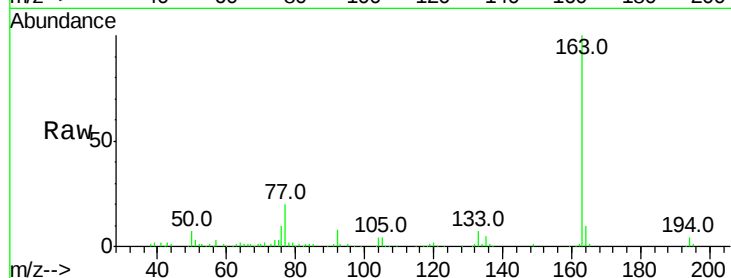
ClientSampleId :

AU-06-061318-B

Tot Ion:	163	Resp:	124376
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

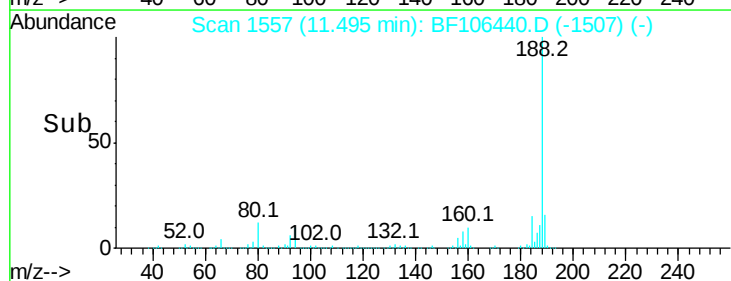
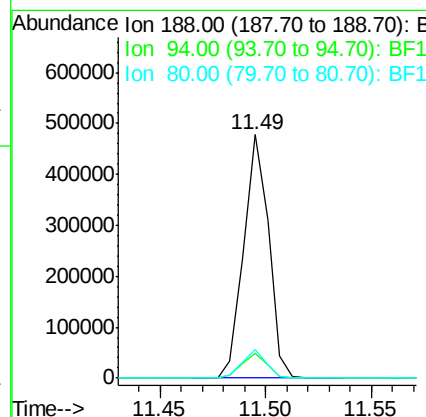
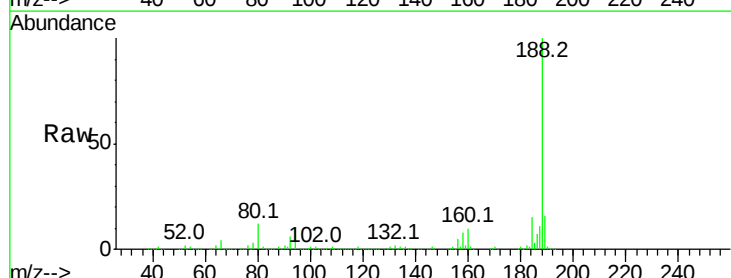
RT: 11.49 min Scan# 1557

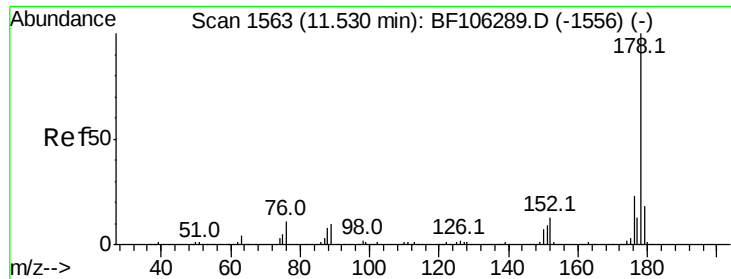
Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Tgt Ion:	188	Resp:	388551
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	11.7	9.2	13.8





#70

Phenanthrene

Concen: 2.312 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Instrument :

BNA_F

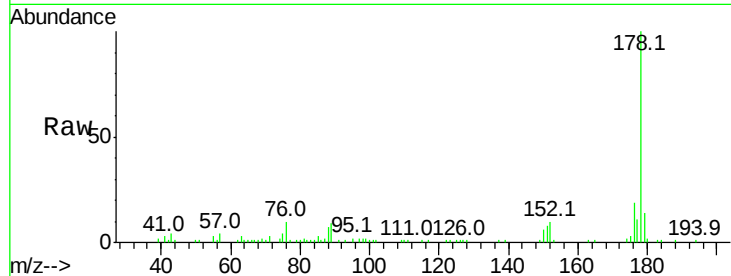
ClientSampleId :

AU-06-061318-B

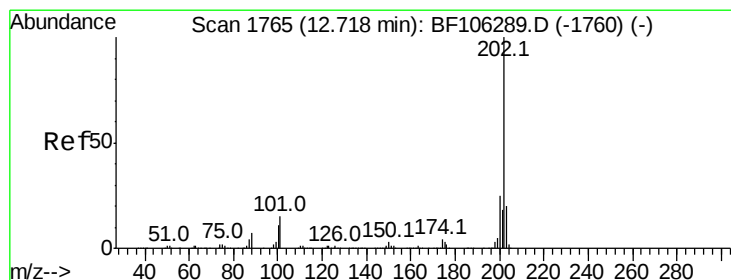
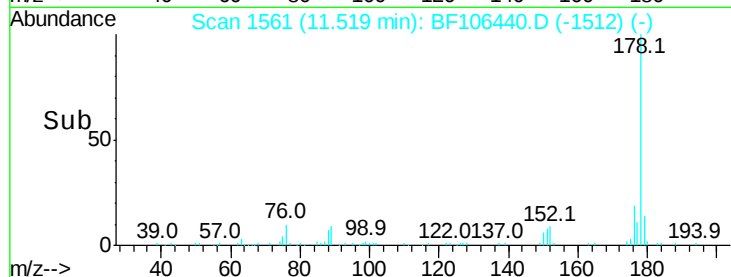
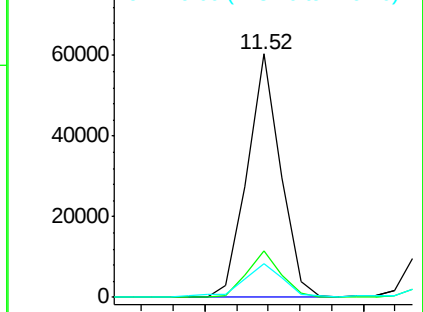
Tot Ion:	178	Resp:	43987
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	14.0	13.0	19.6

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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: 5.327 ng

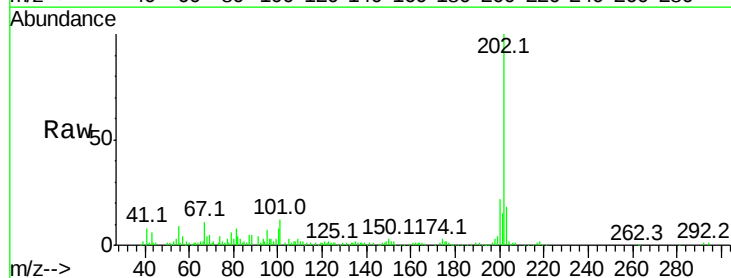
RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

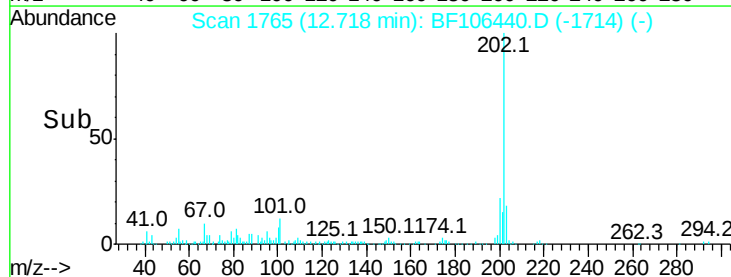
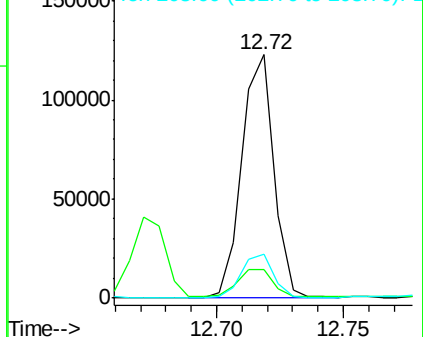
Lab File: BF106440.D

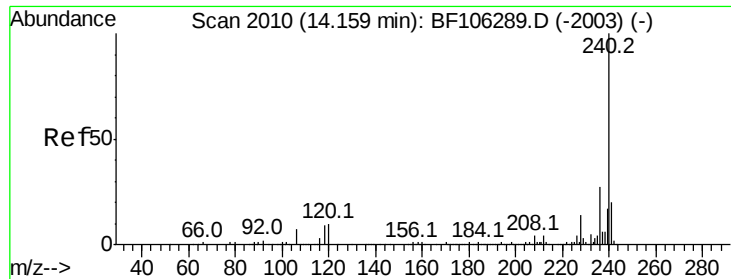
Acq: 14 Jun 2018 14:23

Tgt Ion:	202	Resp:	108095
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	18.1	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: 14.21 min Scan# 2019

Delta R.T. 0.05 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Instrument :

BNA_F

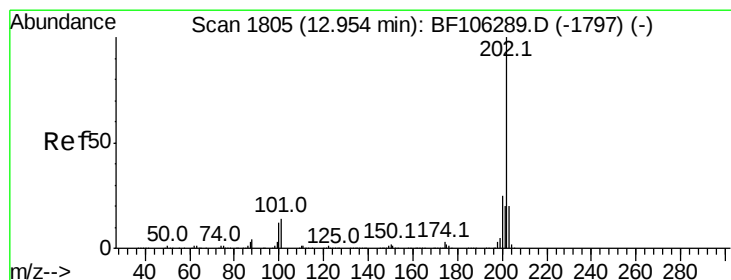
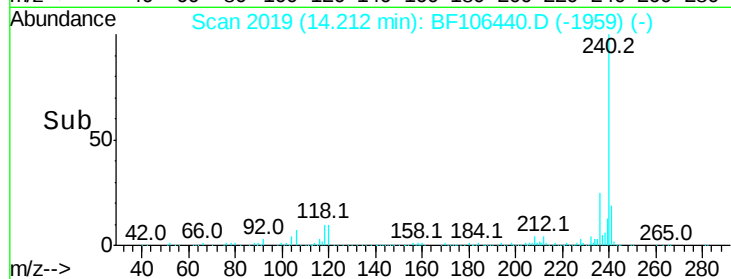
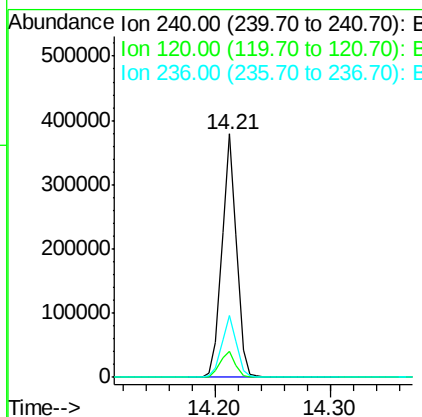
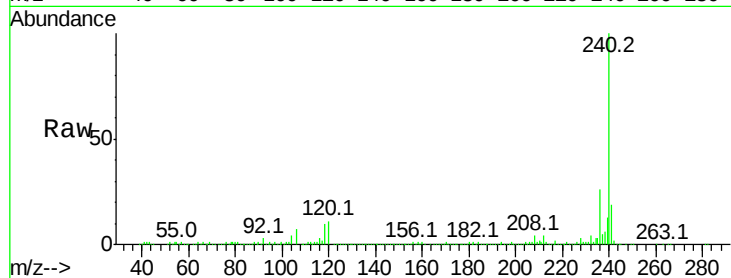
ClientSampleId :

AU-06-061318-B

Tot Ion:	240	Resp:	333813
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.6	20.7	31.1

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#77

Pyrene

Concen: 4.883 ng

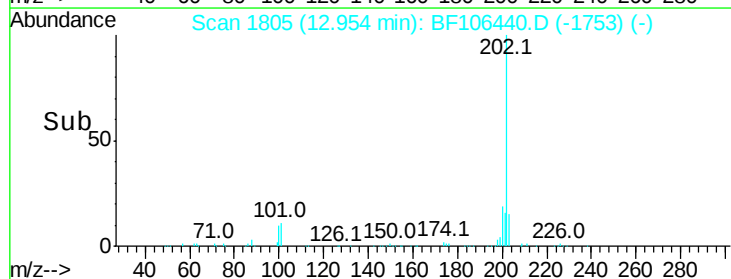
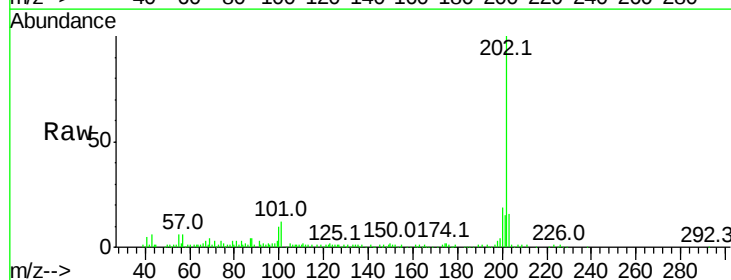
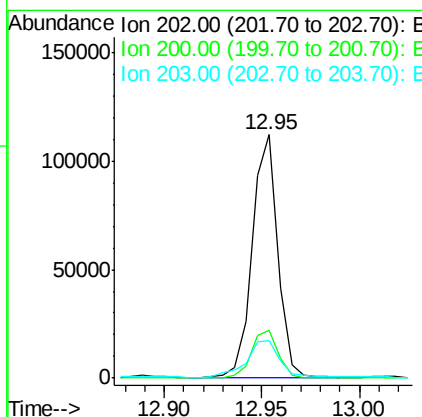
RT: 12.95 min Scan# 1805

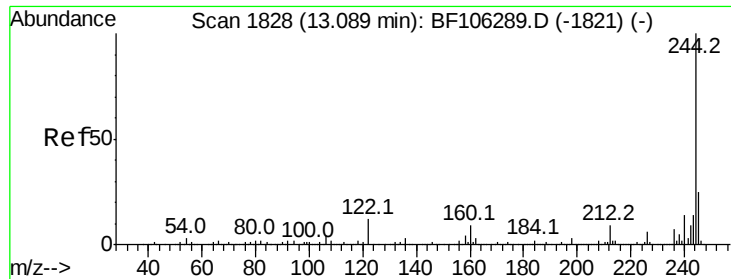
Delta R.T. 0.01 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Tgt Ion:	202	Resp:	102040
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.4	26.2
203	15.6	14.3	21.5





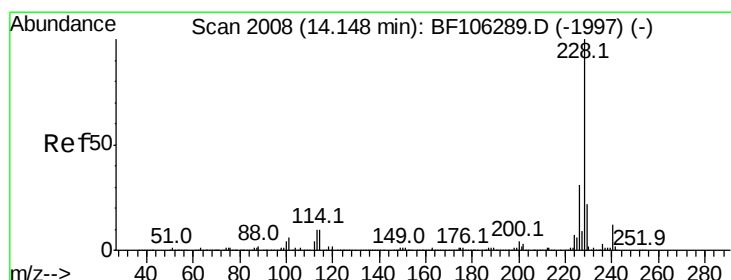
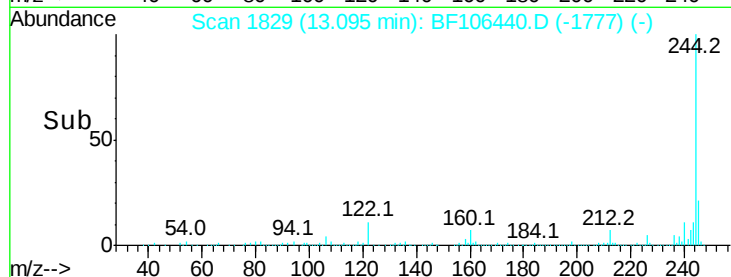
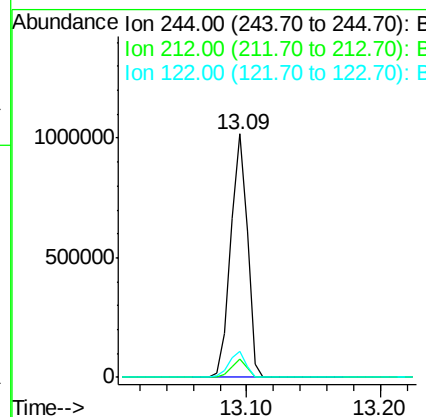
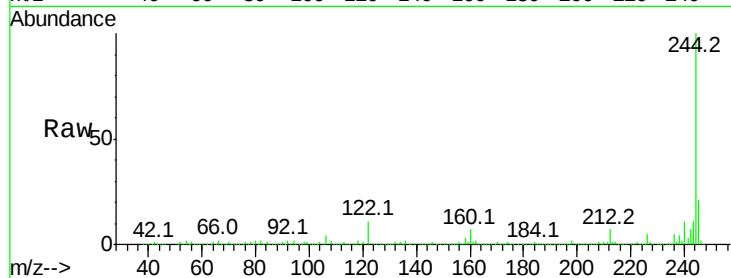
#78
 Terphenyl-d14
 Concen: 67.417 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106440.D
 Acq: 14 Jun 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-061318-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.7	11.0	16.4

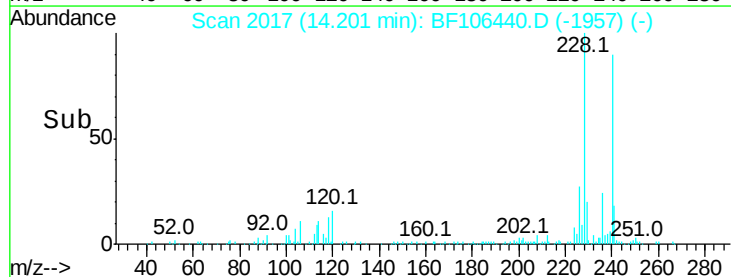
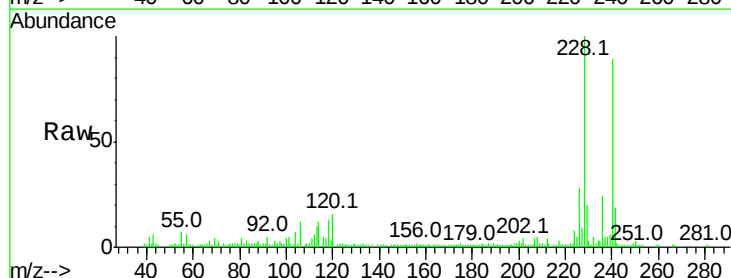
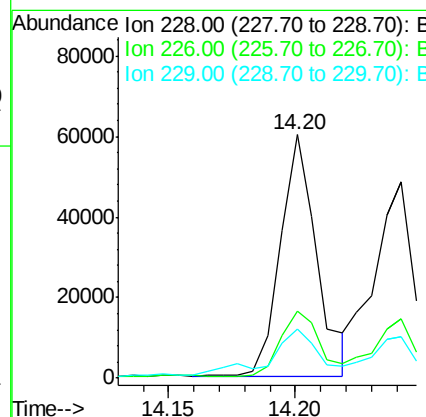
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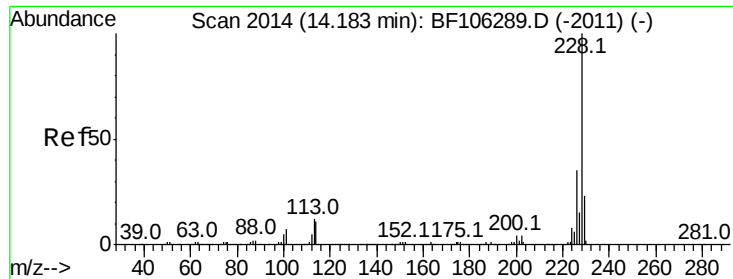
Sohil
 6/15/2018 11:16:45 AM



#80
 Benzo(a)anthracene
 Concen: 3.036 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. 0.05 min
 Lab File: BF106440.D
 Acq: 14 Jun 2018 14:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	15.8	23.6





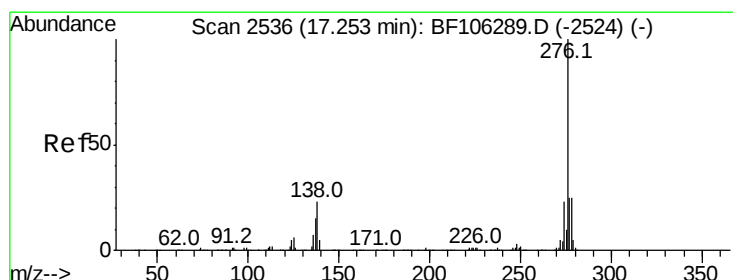
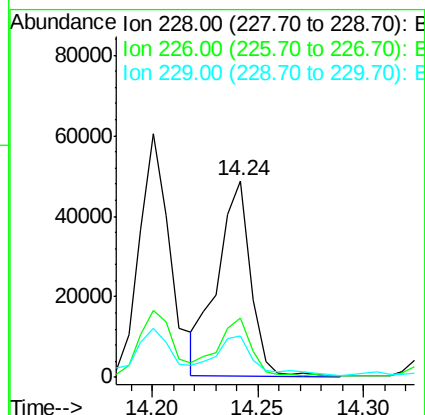
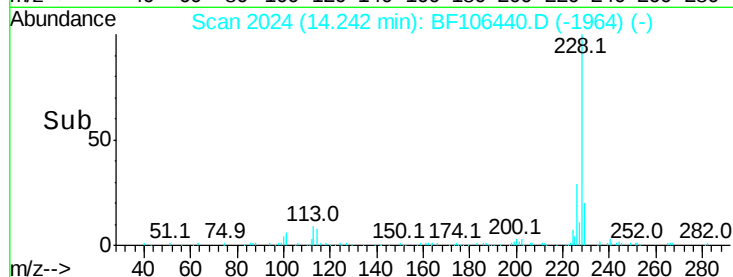
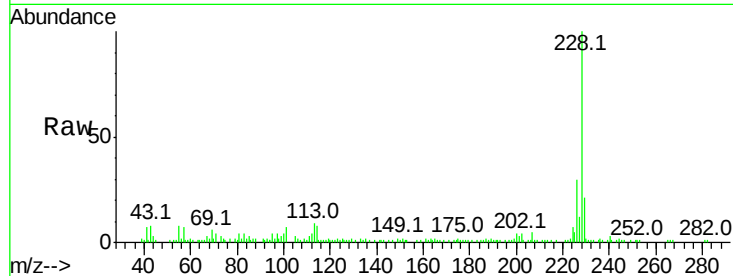
#82
Chrysene
Concen: 2.921 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.05 min
Lab File: BF106440.D
Acq: 14 Jun 2018 14:23

Instrument :
BNA_F
ClientSampleId :
AU-06-061318-B

Tot Ion:228	Resp:	52976
Ion Ratio	Lower	Upper
228 100		
226 29.9	25.0	37.6
229 20.8	16.2	24.4

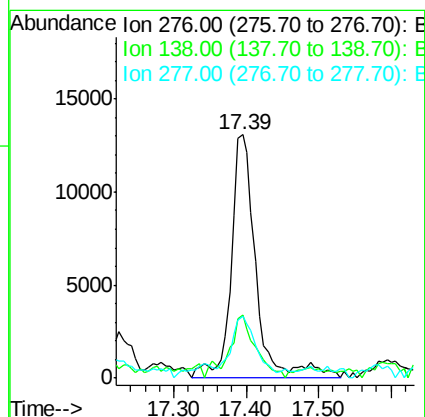
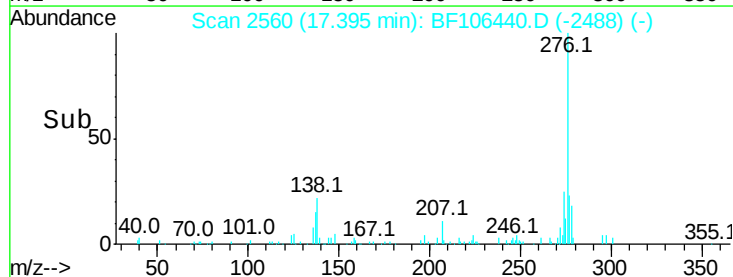
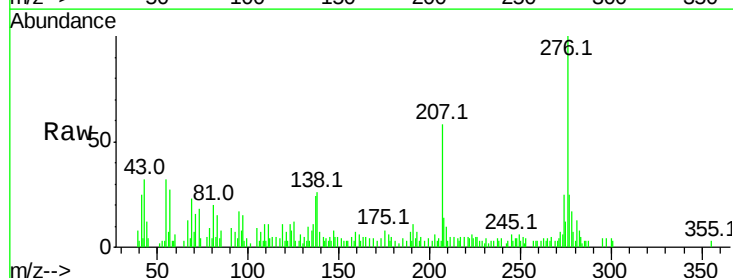
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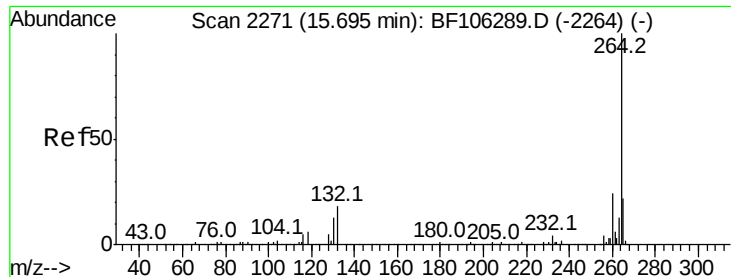
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.160 ng m
RT: 17.39 min Scan# 2560
Delta R.T. 0.12 min
Lab File: BF106440.D
Acq: 14 Jun 2018 14:23

Tgt Ion:276	Resp:	31259
Ion Ratio	Lower	Upper
276 100		
138 0.0	25.0	37.6#
277 0.0	20.1	30.1#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.82 min Scan# 2293

Delta R.T. 0.12 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Instrument :

BNA_F

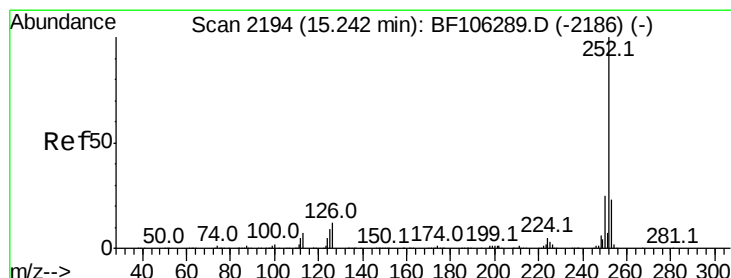
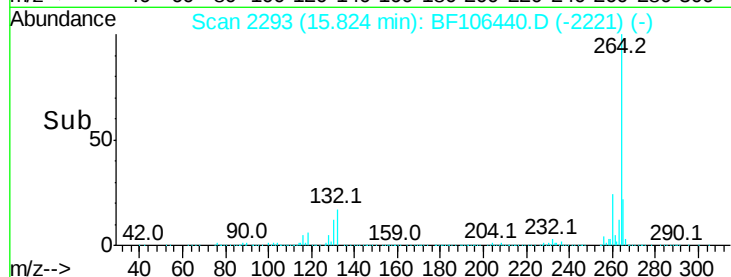
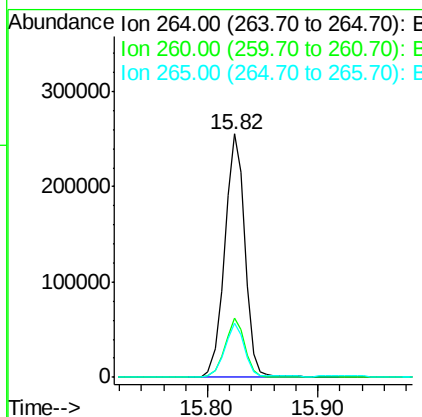
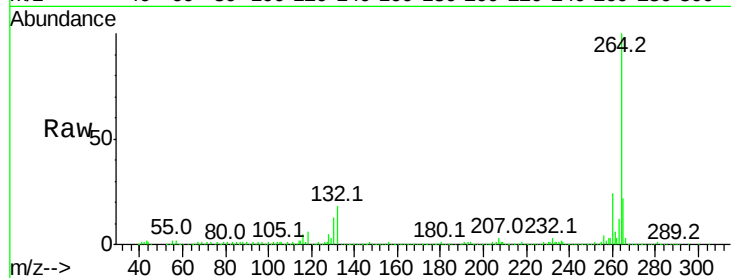
ClientSampleId :

AU-06-061318-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 3.762 ng m

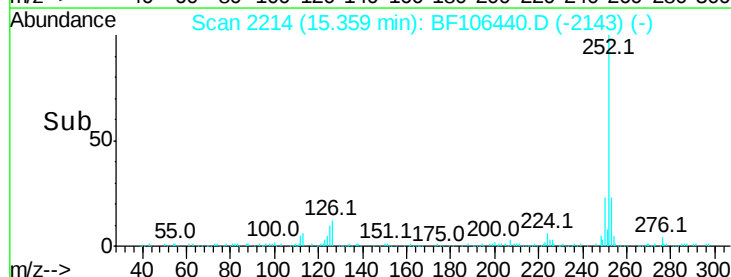
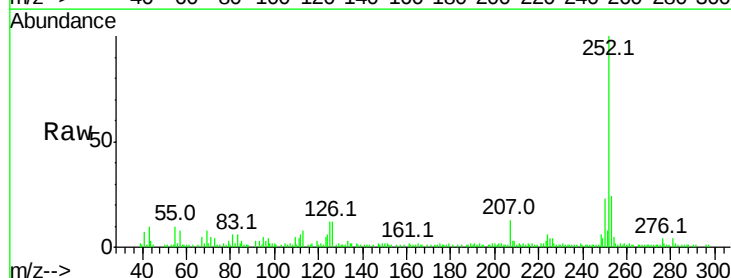
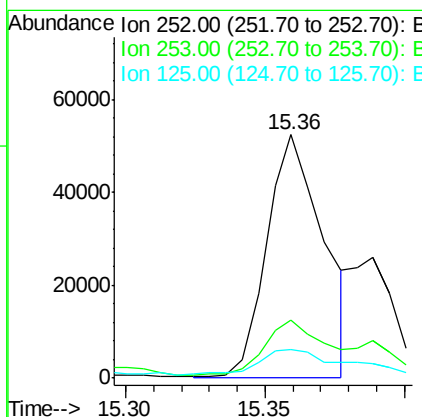
RT: 15.36 min Scan# 2214

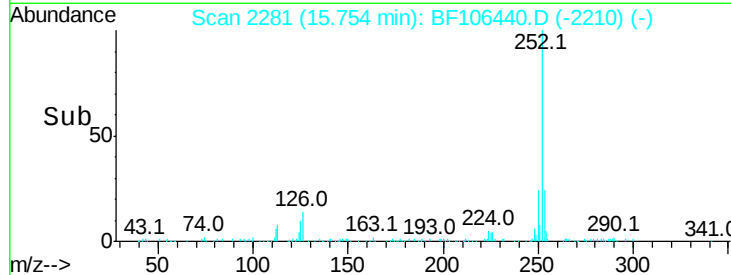
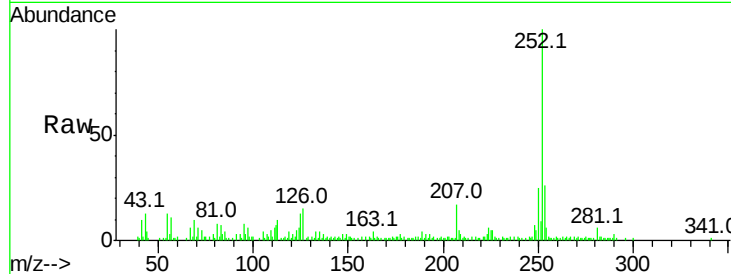
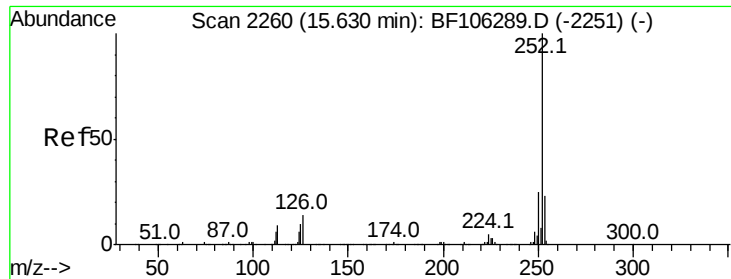
Delta R.T. 0.12 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	11.7	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.847 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.12 min

Lab File: BF106440.D

Acq: 14 Jun 2018 14:23

Tot Ion:	252	Resp:	50828
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.1	25.7#
125	12.7	9.8	14.6

Instrument :

BNA_F

ClientSampleId :

AU-06-061318-B

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:45 AM

