

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106829.D
 Acq On : 26 Jun 2018 18:07
 Operator : JU/SJ
 Sample : J3684-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Manual Integrations
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Quant Time: Jun 27 01:45:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41395	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145988	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	63727	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	119891	20.00	ng	0.00
75) Chrysene-d12	14.15	240	124952	20.00	ng	-0.01
86) Perylene-d12	15.70	264	90271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	250063	102.29	ng	0.00
7) Phenol-d6	6.60	99	304079	99.61	ng	-0.01
23) Nitrobenzene-d5	7.52	82	181422	69.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	80313	108.73	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	298354	78.04	ng	-0.01
78) Terphenyl-d14	13.08	244	335376	65.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	60491	12.656	ng	98
51) Acenaphthene	10.03	154	8837	2.223	ng	93
57) Fluorene	10.55	166	13294	3.078	ng	98
70) Phenanthrene	11.52	178	149601	25.871	ng	99
71) Anthracene	11.57	178	44586	7.554	ng	99
74) Fluoranthene	12.72	202	275892	43.287	ng	94
77) Pyrene	12.95	202	254565	30.895	ng	100
80) Benzo(a)anthracene	14.14	228	149458	19.626	ng	100
82) Chrysene	14.18	228	121515	17.344	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	38165	6.419	ng	# 90
87) Benzo(b)fluoranthene	15.24	252	118211m	21.081	ng	
88) Benzo(k)fluoranthene	15.27	252	39958m	7.483	ng	
89) Benzo(a)pyrene	15.63	252	81571	16.363	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	11819	2.798	ng	# 89
91) Benzo(a,h,i)perylene	17.75	276	34968	8.468	ng	# 90

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

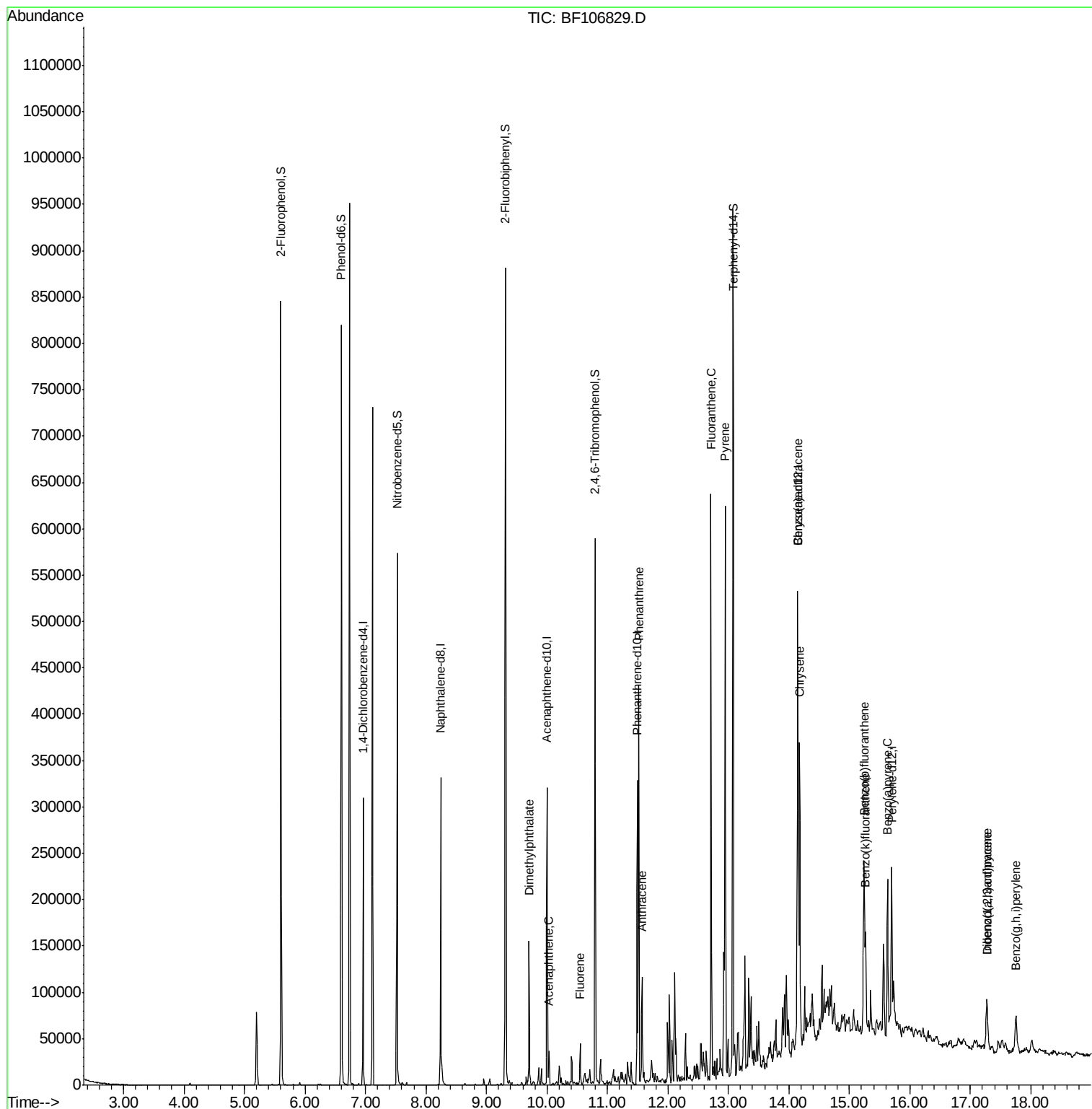
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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ALS Vial : 17 Sample Multiplier: 1

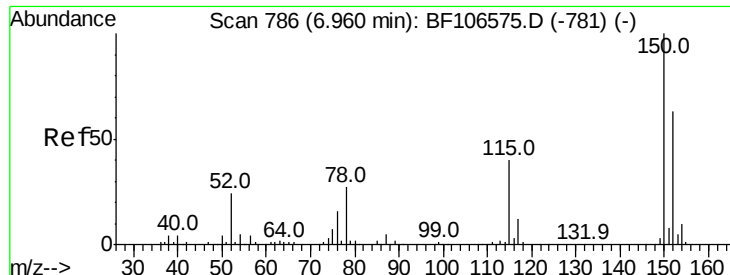
Instrument :
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#1

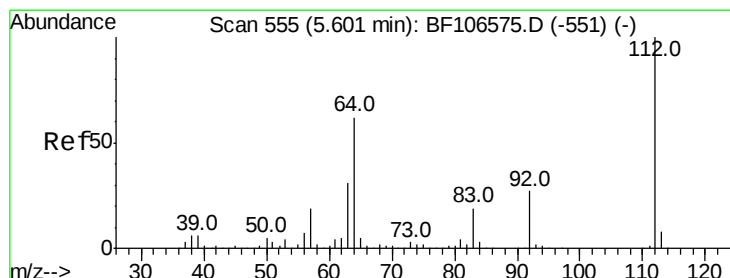
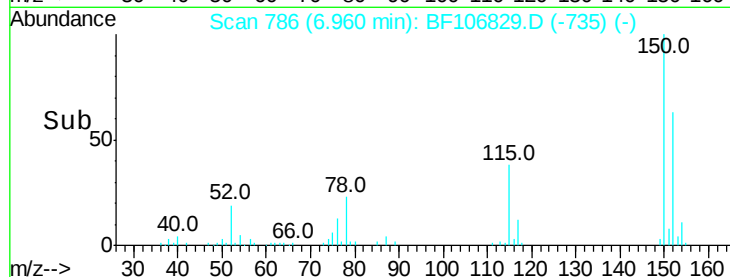
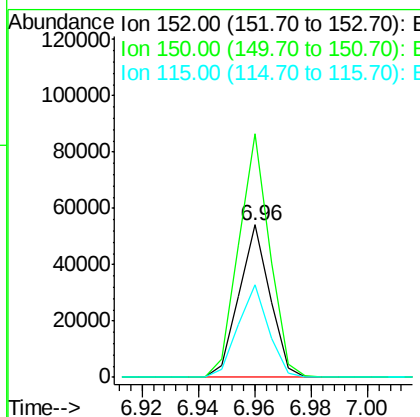
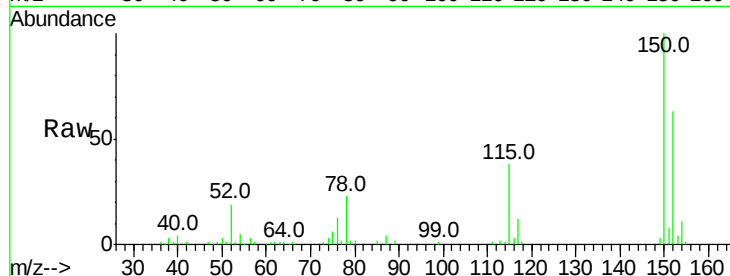
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampled :
TP-1-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.7	50.1	75.1

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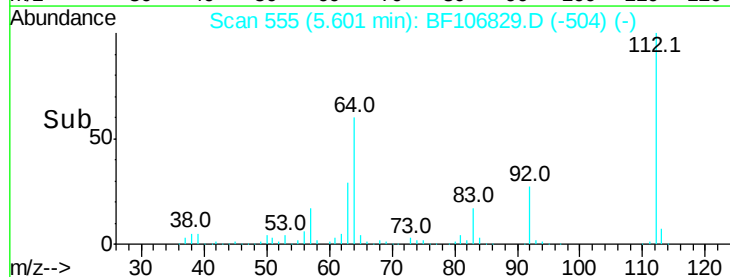
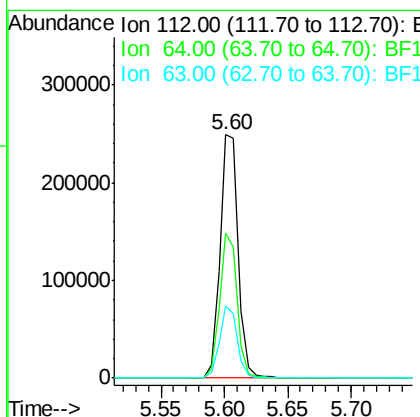
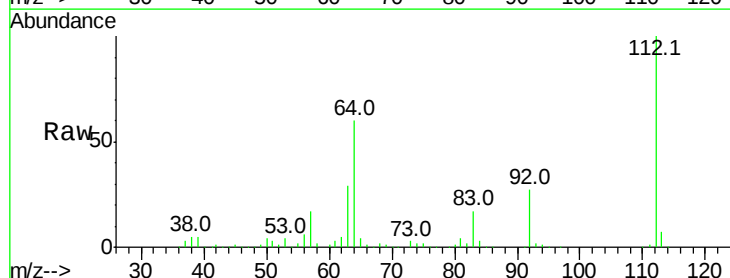
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#5

2-Fluorophenol
Concen: 102.292 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 99.605 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106829.D

Acq: 26 Jun 2018 18:07

Instrument :

BNA_F

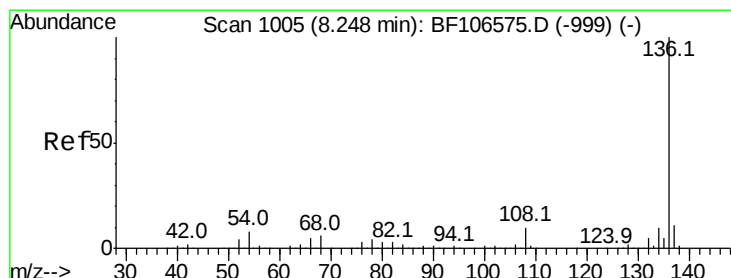
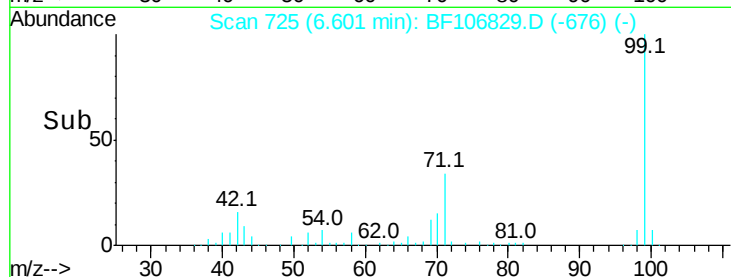
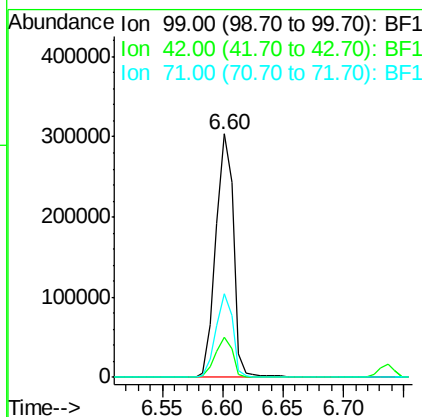
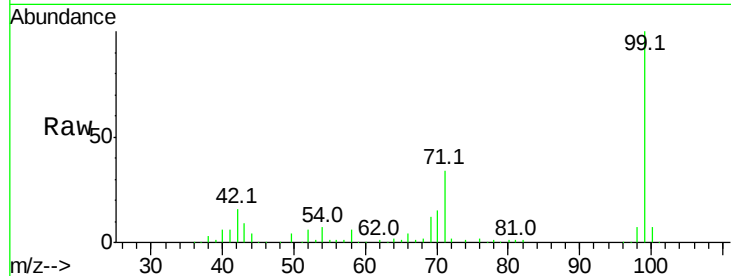
ClientSampled :

TP-1-D

Tot Ion:	99	Resp:	304079
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	34.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

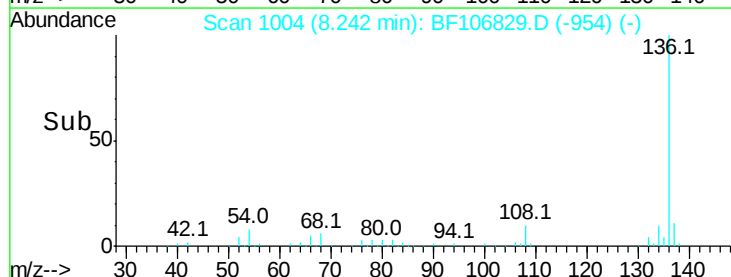
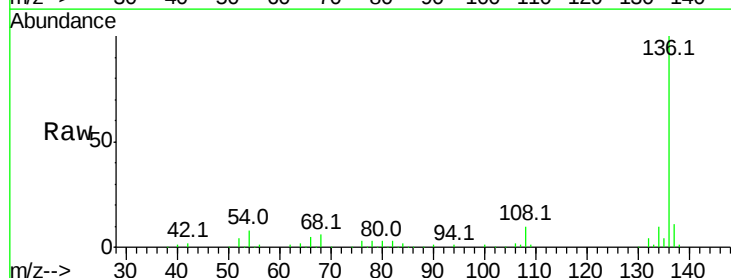
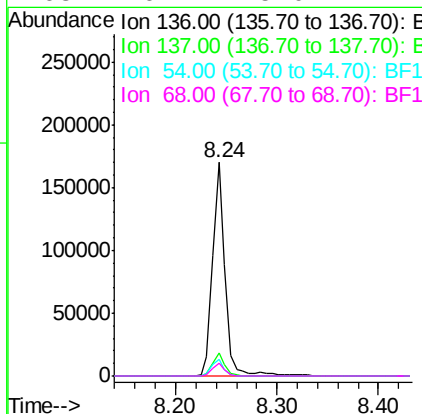
RT: 8.24 min Scan# 1004

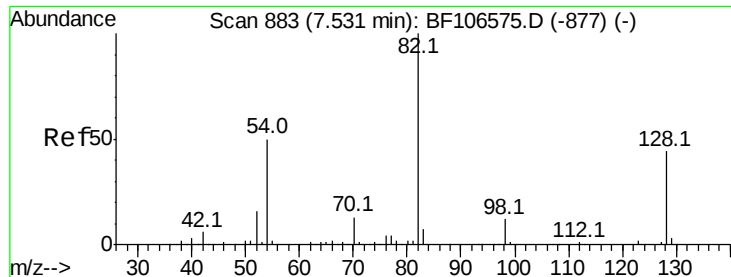
Delta R.T. -0.01 min

Lab File: BF106829.D

Acq: 26 Jun 2018 18:07

Tgt Ion:	136	Resp:	145988
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 69.062 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106829.D

Acq: 26 Jun 2018 18:07

Instrument :

BNA_F

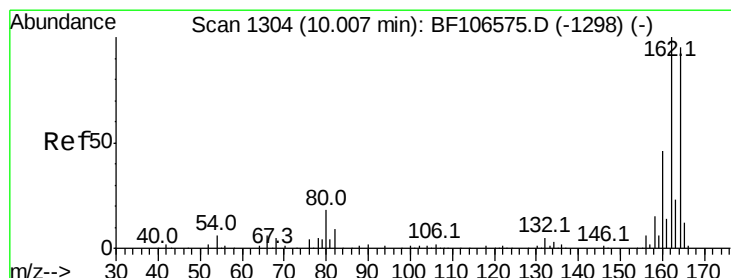
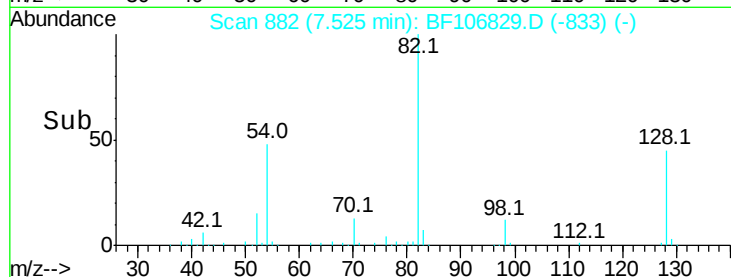
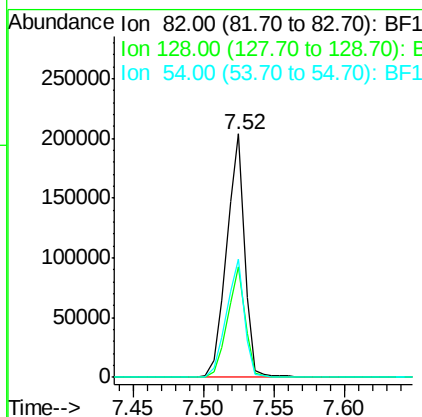
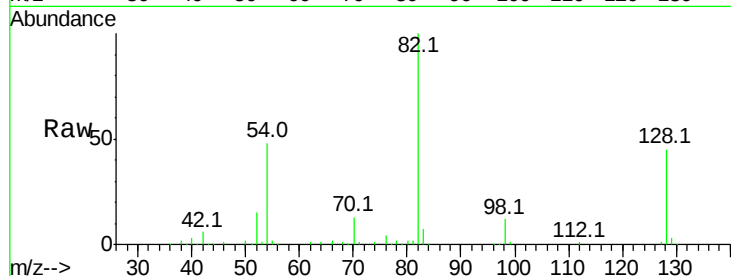
ClientSampled :

TP-1-D

Tot Ion:	82	Resp:	181422
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	48.3	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

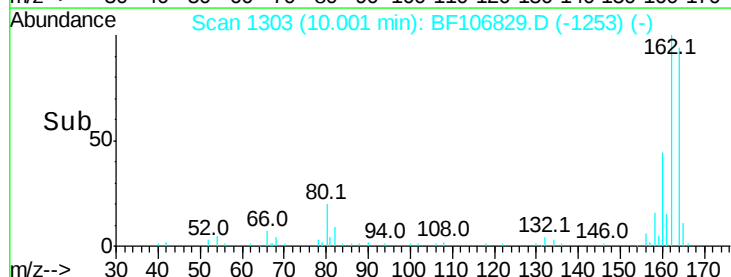
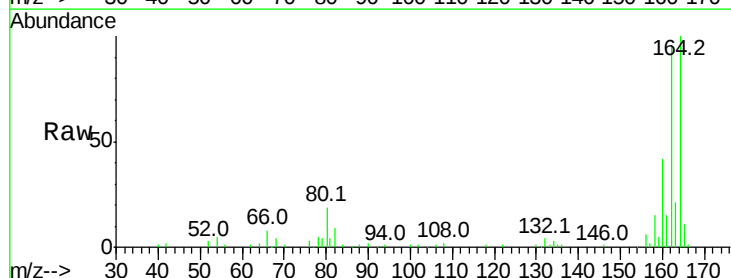
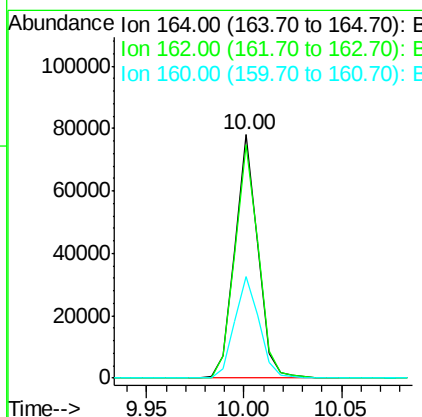
RT: 10.00 min Scan# 1303

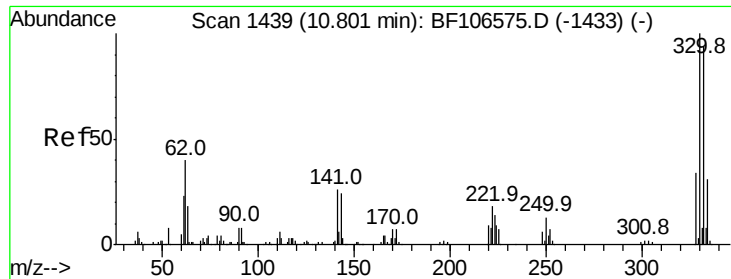
Delta R.T. -0.01 min

Lab File: BF106829.D

Acq: 26 Jun 2018 18:07

Tgt Ion:	164	Resp:	63727
Ion Ratio	Lower	Upper	
164	100		
162	96.0	86.1	129.1
160	41.8	38.3	57.5





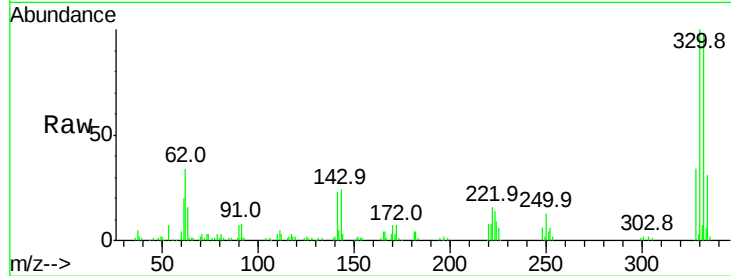
#41
 2,4,6-Tribromophenol
 Concen: 108.735 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106829.D
 Acq: 26 Jun 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

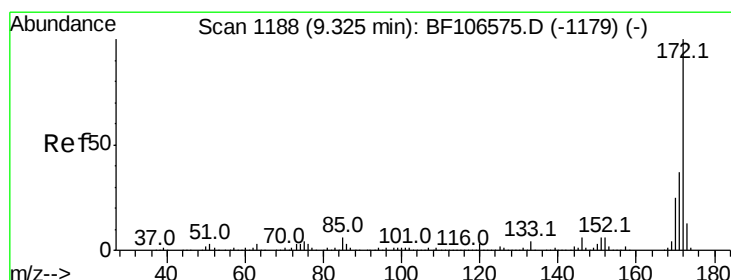
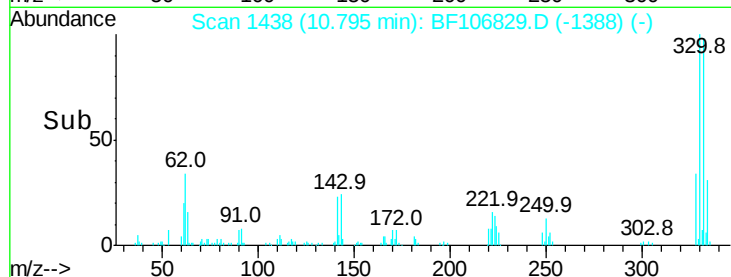
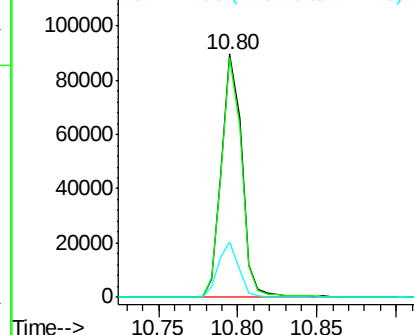
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	22.8	29.9	44.9#

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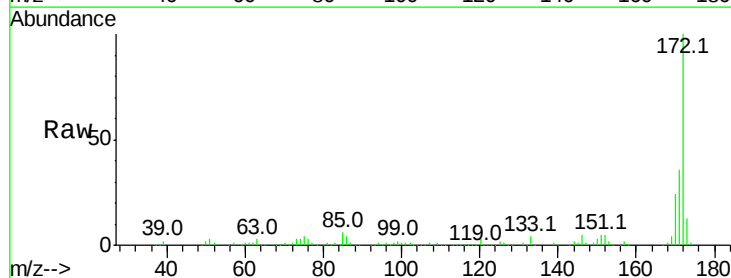


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

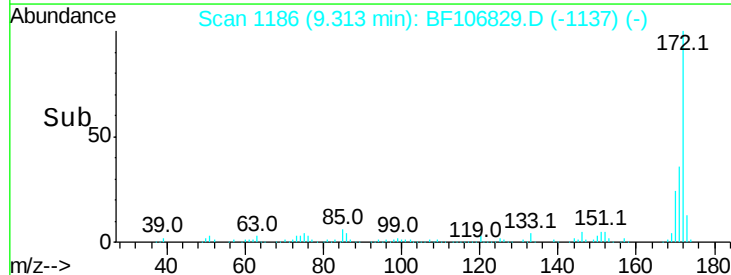
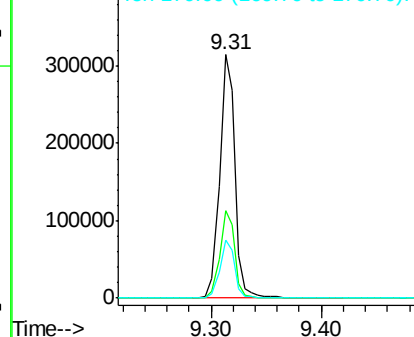


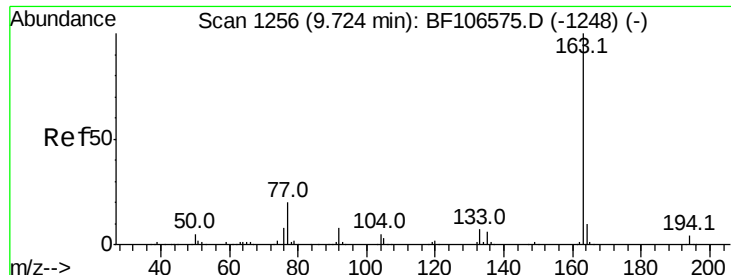
#44
 2-Fluorobiphenyl
 Concen: 78.036 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106829.D
 Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	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





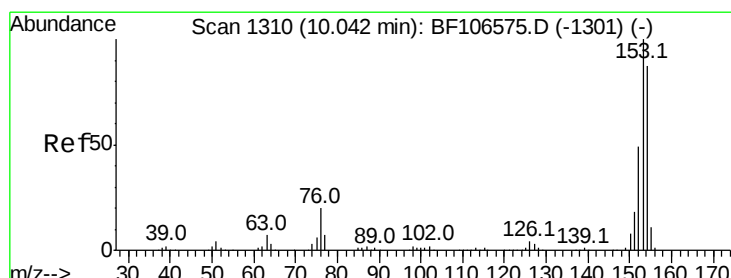
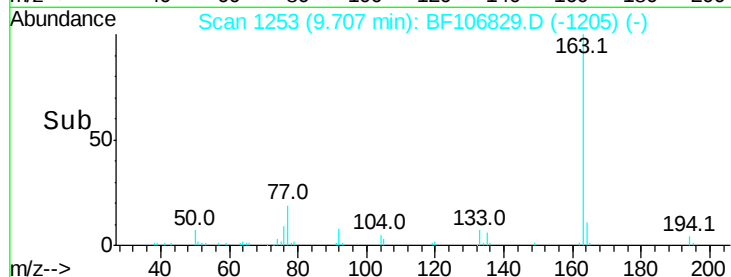
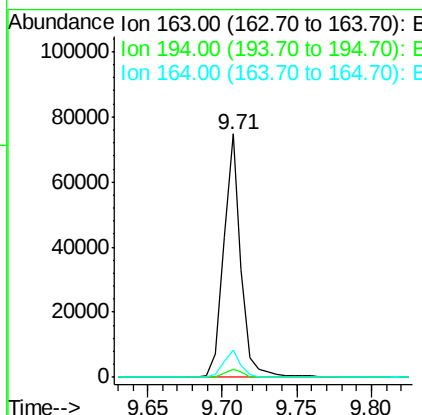
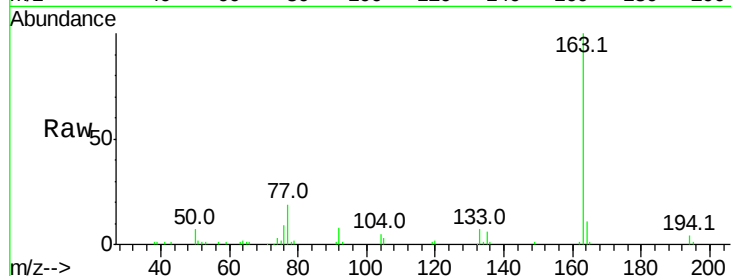
#49
Dimethylphthalate
Concen: 12.656 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampled :
TP-1-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.2	8.2	12.2

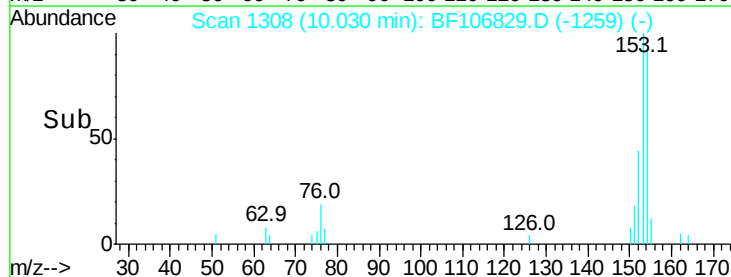
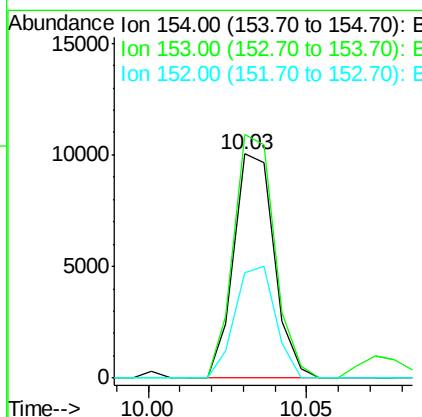
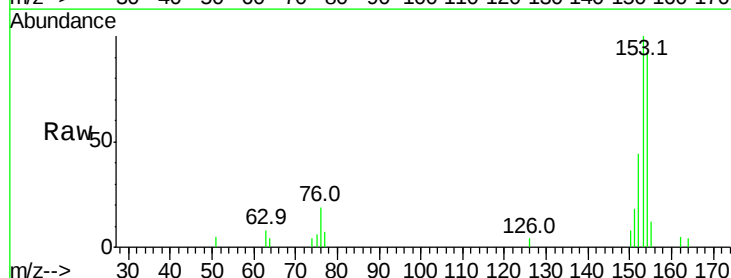
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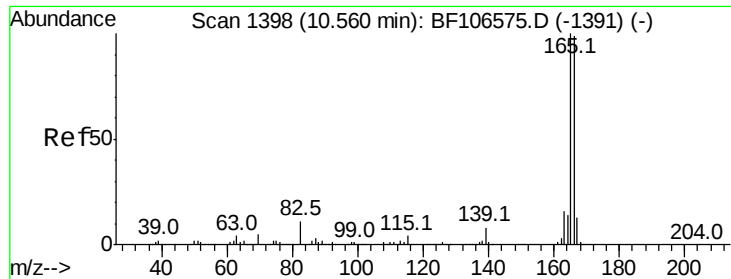
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#51
Acenaphthene
Concen: 2.223 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.6	91.2	136.8
152	47.3	43.8	65.8





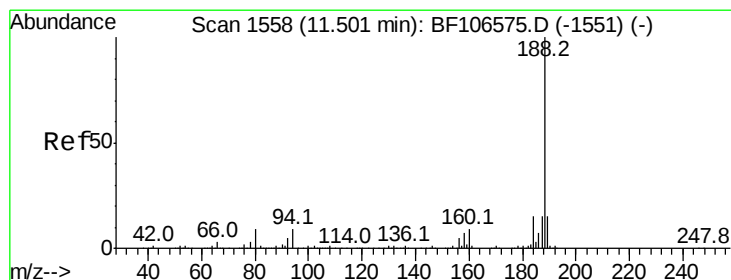
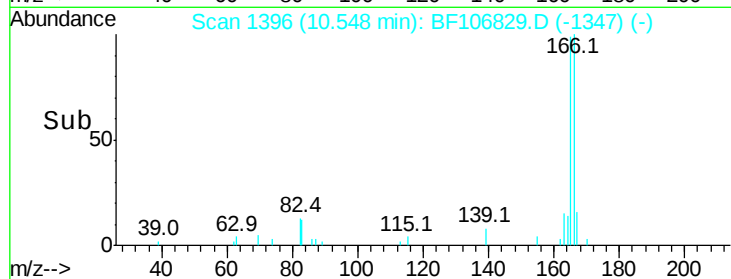
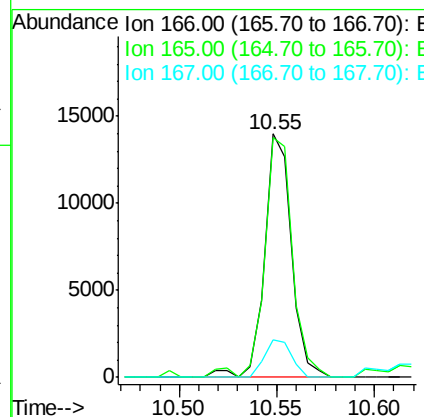
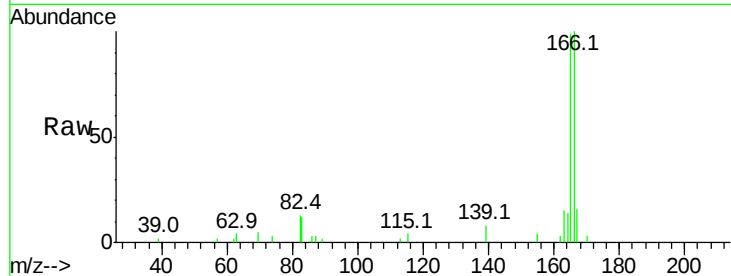
#57
Fluorene
 Concen: 3.078 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106829.D
 Acq: 26 Jun 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	15.6	10.6	16.0

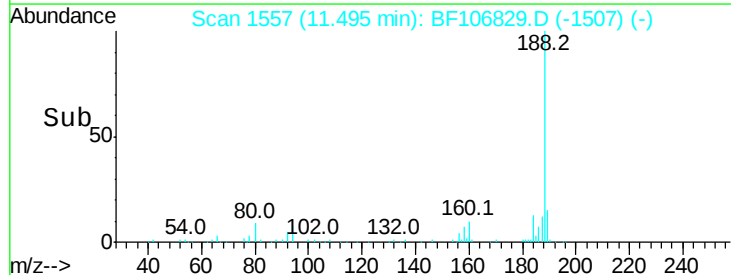
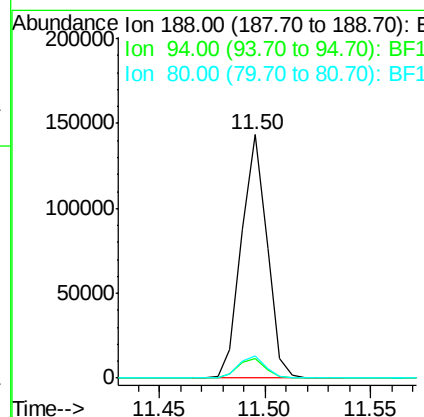
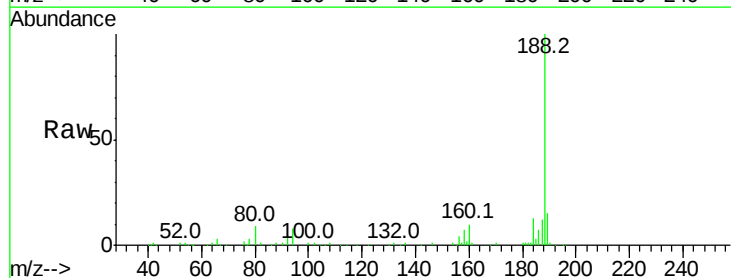
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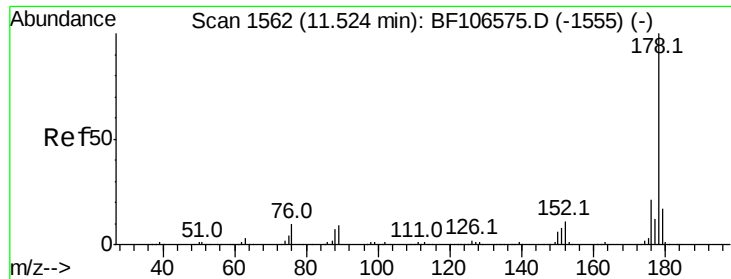
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106829.D
 Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.0	9.2	13.8#





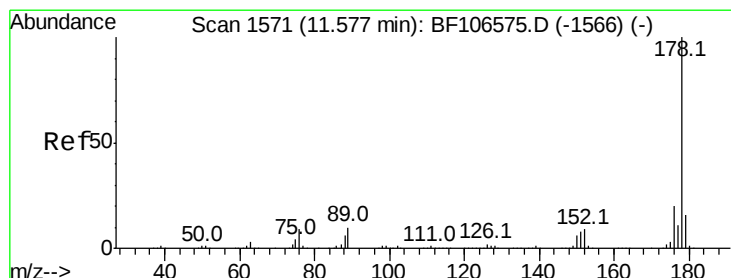
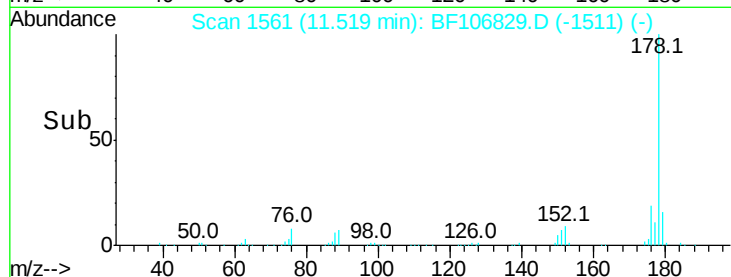
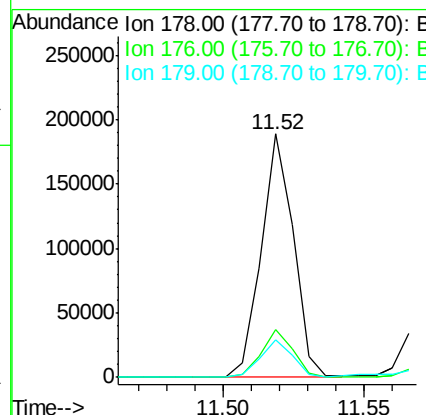
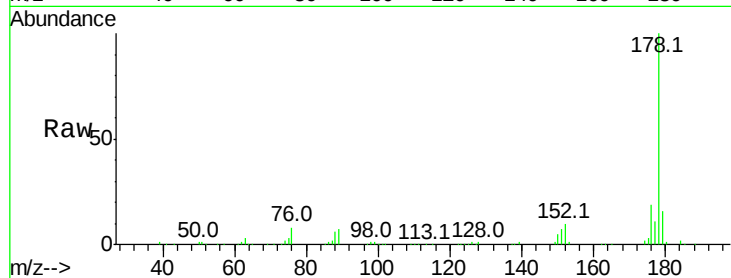
#70
Phenanthrene
Concen: 25.871 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampled :
TP-1-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6

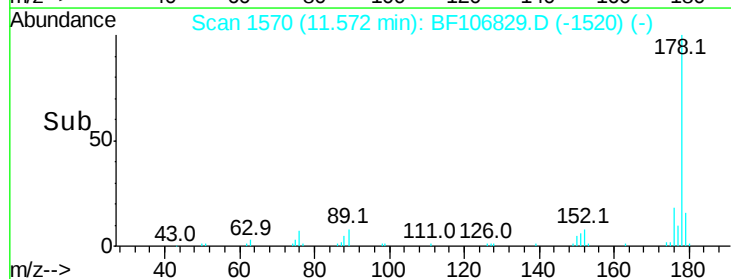
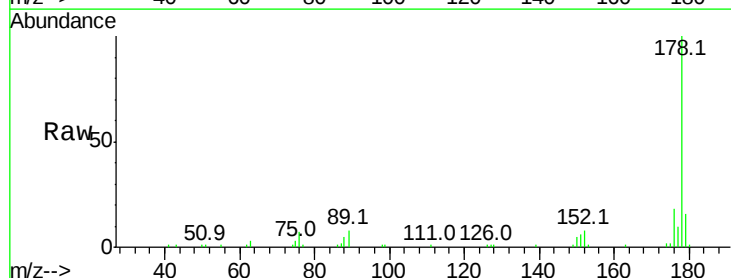
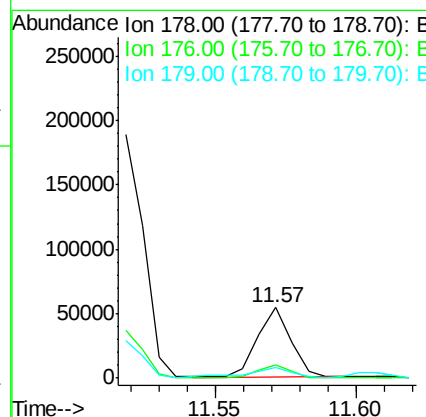
Manual Integrations
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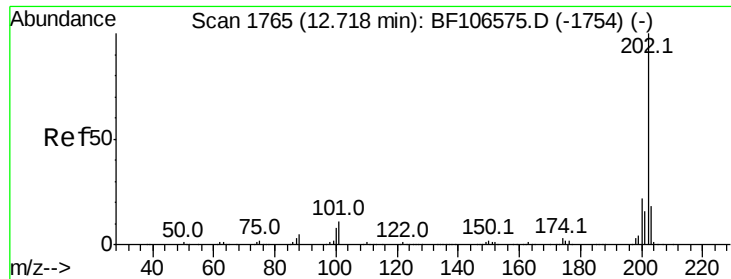
Sohil
6/27/2018 2:14:18 PM



#71
Anthracene
Concen: 7.554 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 43.287 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106829.D

Acq: 26 Jun 2018 18:07

Instrument :

BNA_F

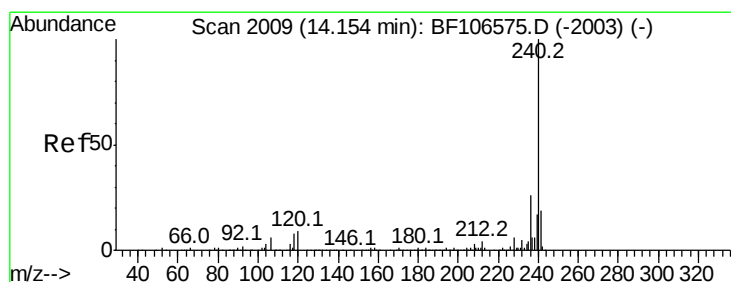
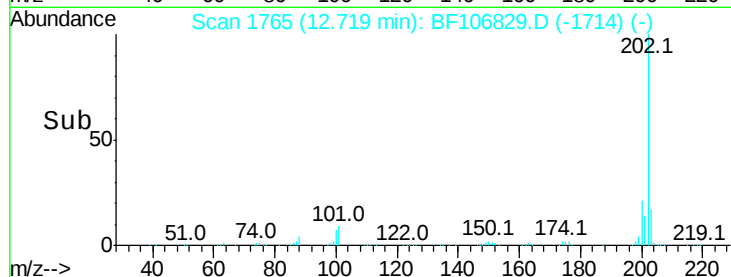
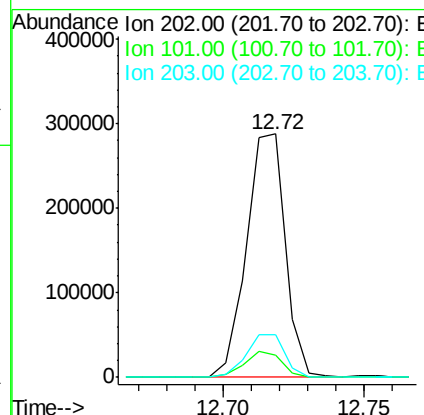
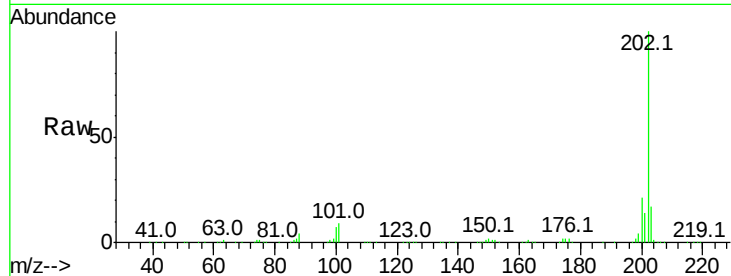
ClientSampleId :

TP-1-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

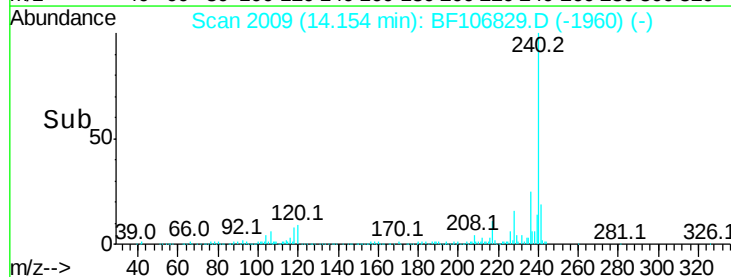
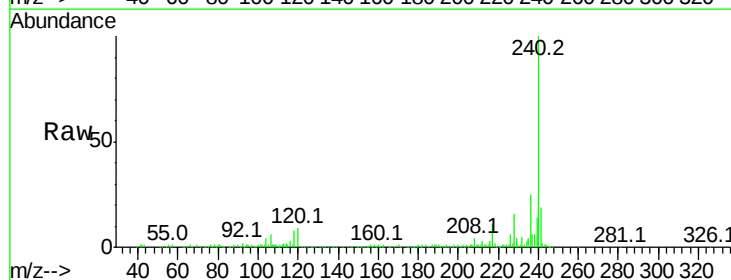
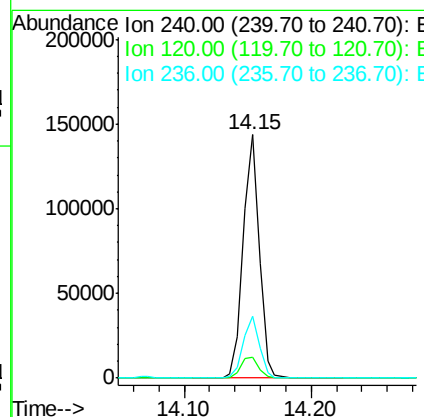
RT: 14.15 min Scan# 2009

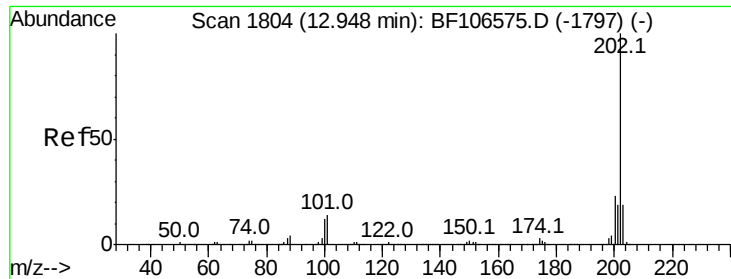
Delta R.T. -0.01 min

Lab File: BF106829.D

Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.5	20.7	31.1





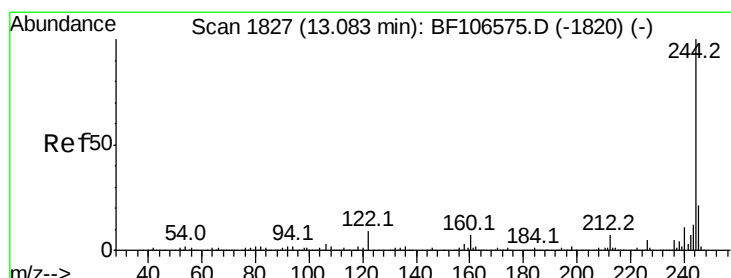
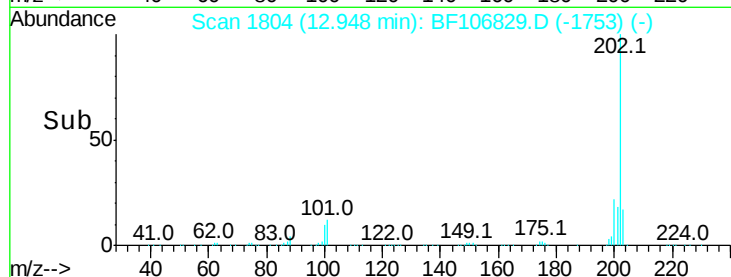
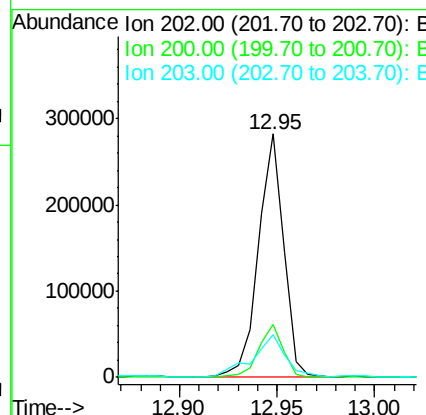
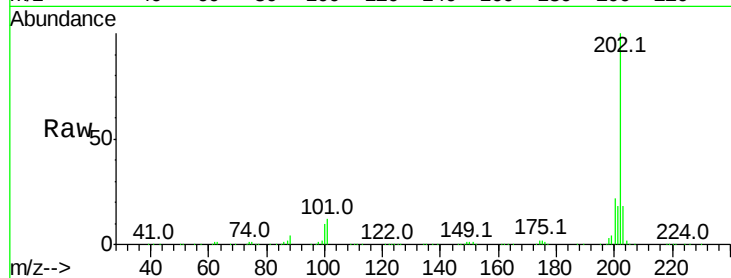
#77
Pvrene
Concen: 30.895 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

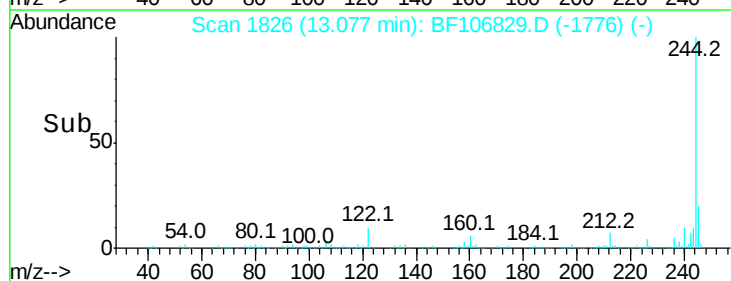
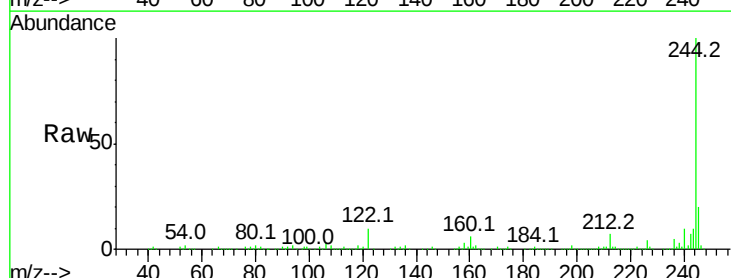
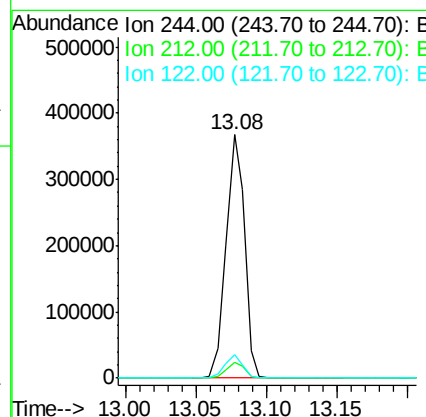
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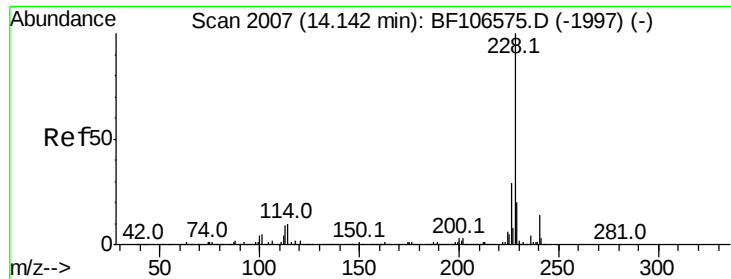
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#78
Terphenyl-d14
Concen: 65.015 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4





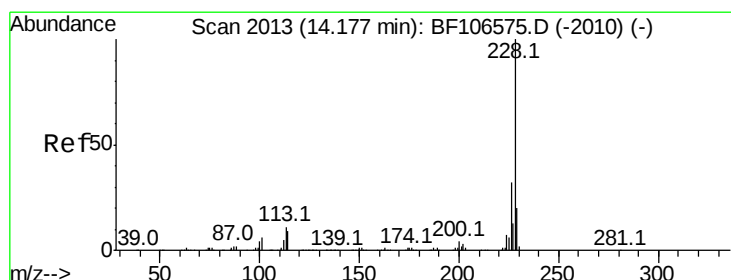
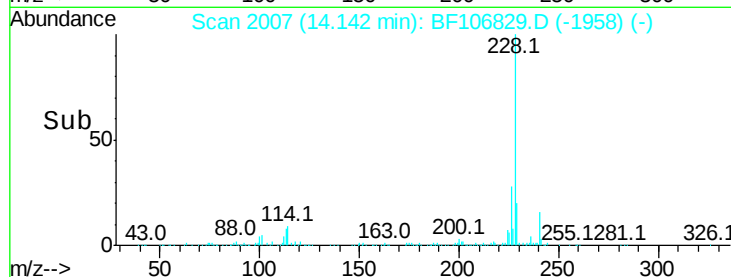
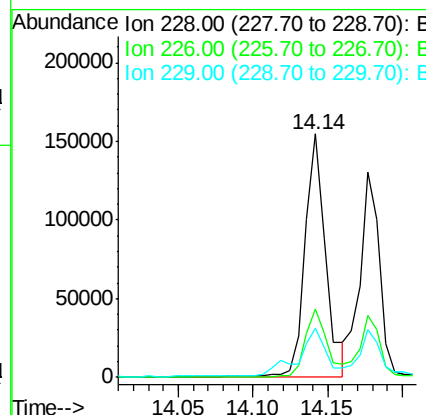
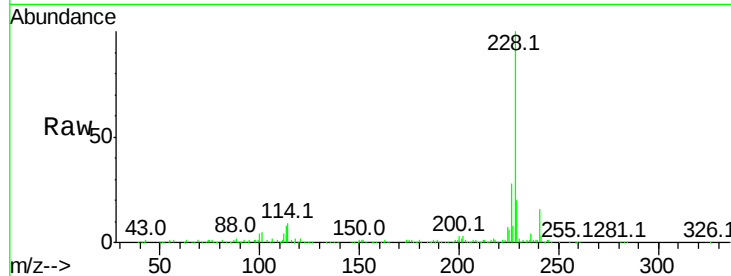
#80
Benzo(a)anthracene
Concen: 19.626 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.1	15.8	23.6

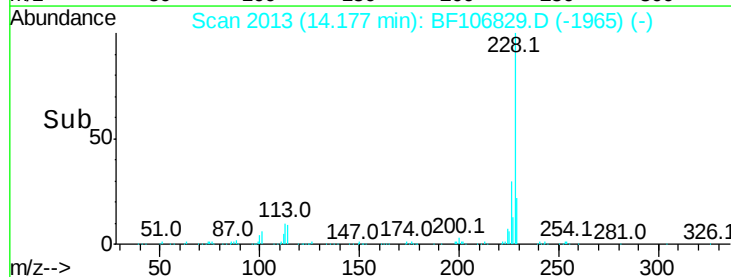
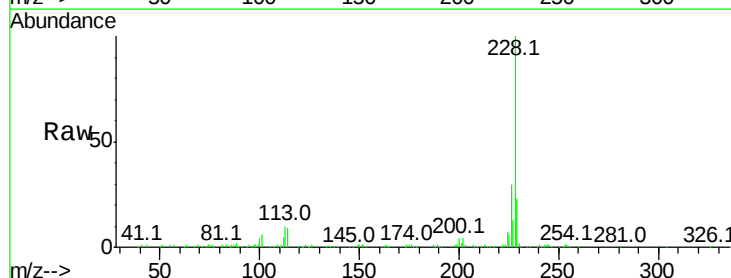
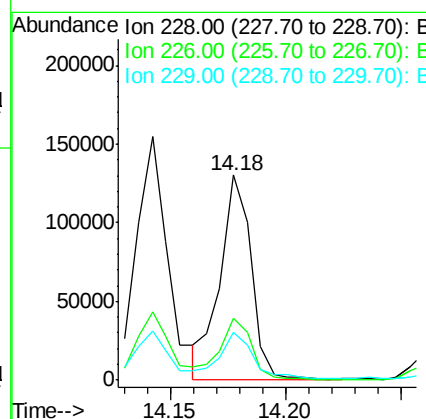
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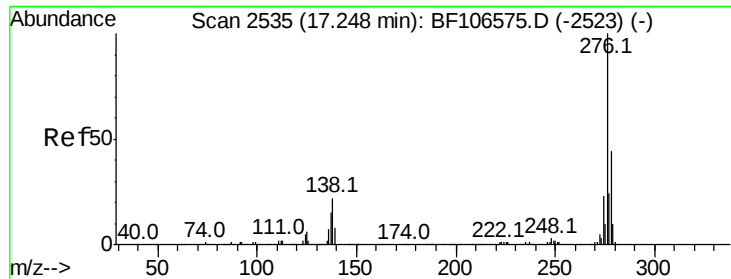
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6/27/2018 2:14:18 PM



#82
Chrysene
Concen: 17.344 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	23.1	16.2	24.4





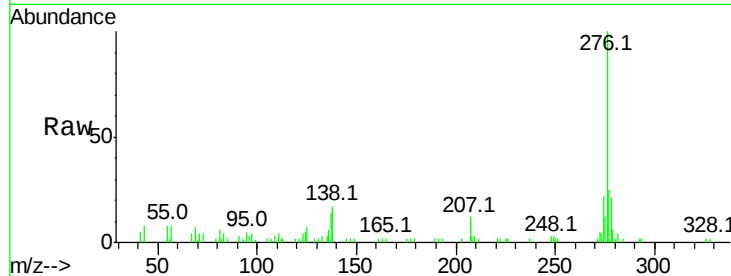
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.419 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampled :
TP-1-D

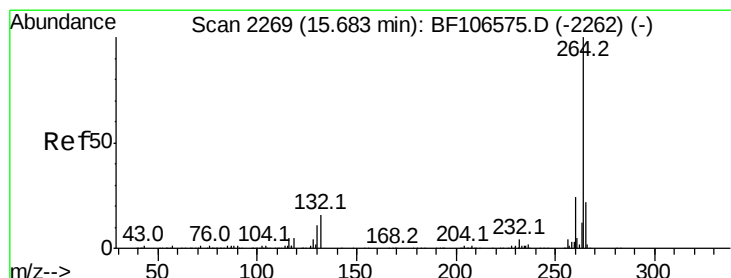
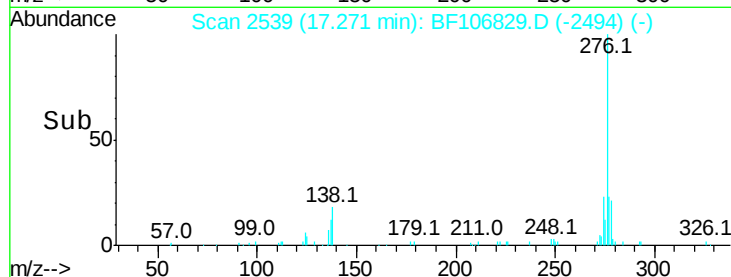
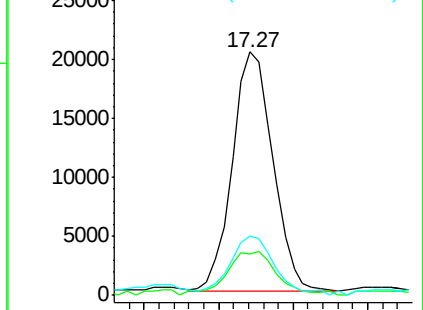
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	27.4	20.1	30.1

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6/27/2018 2:14:18 PM



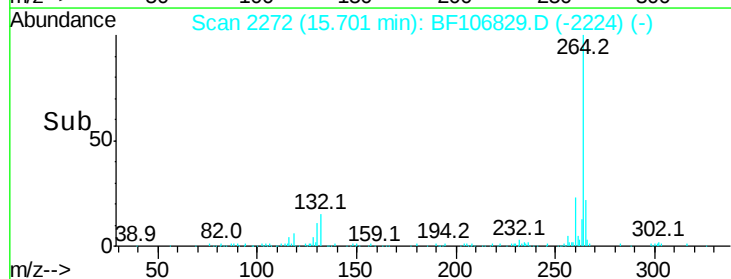
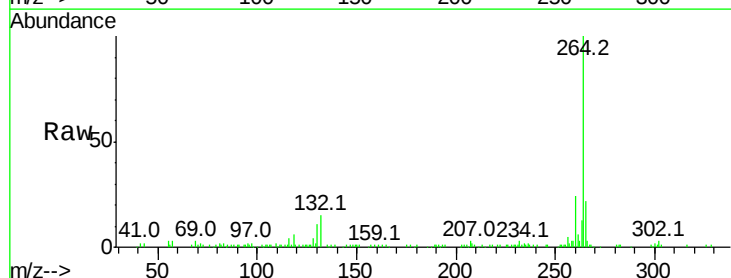
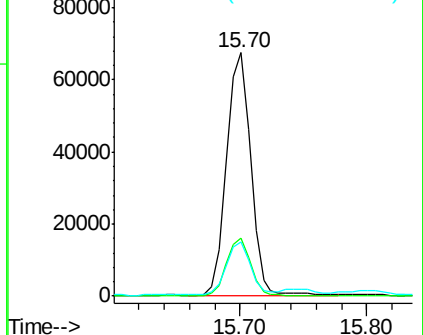
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

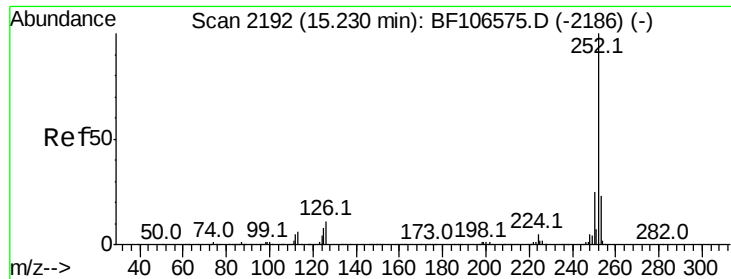


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





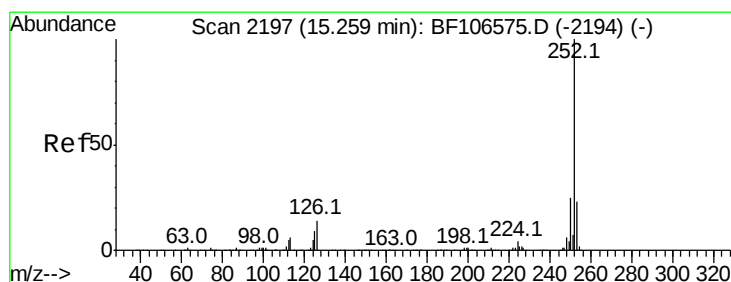
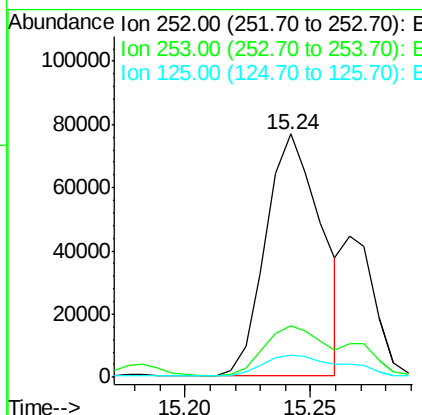
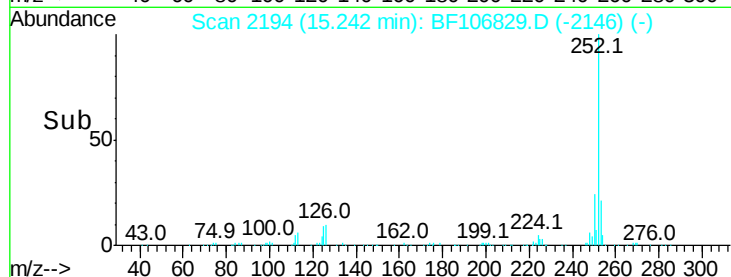
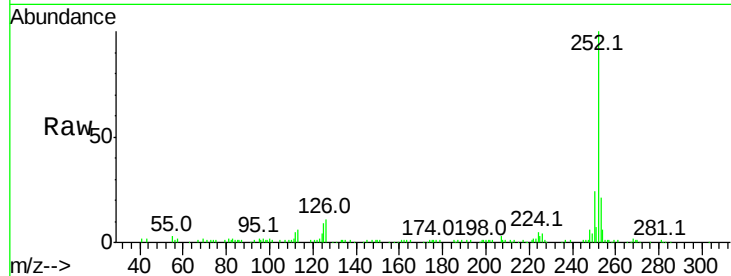
#87
Benzo(b)fluoranthene
Concen: 21.081 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampled :
TP-1-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	9.2	9.0	13.6

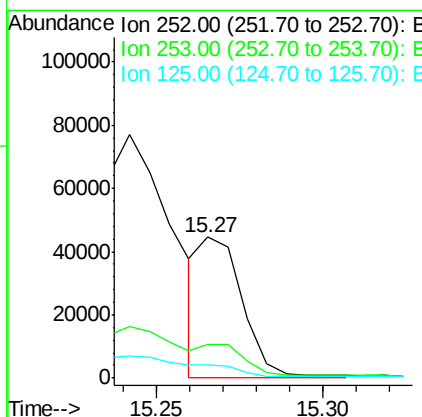
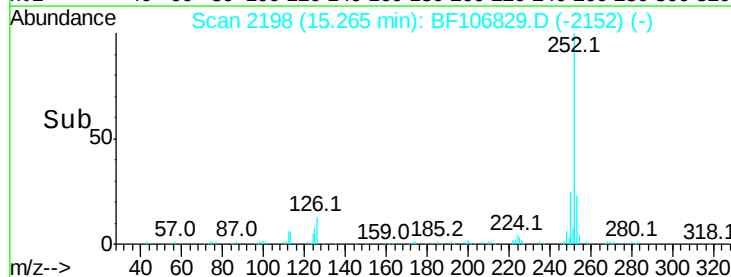
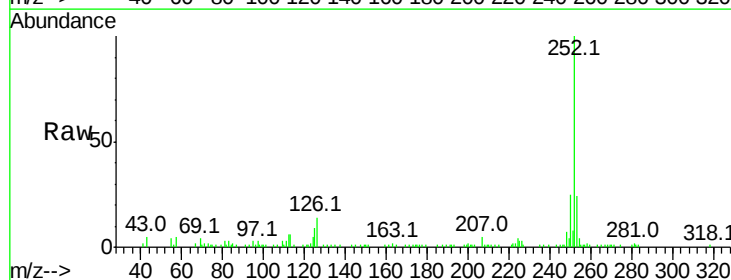
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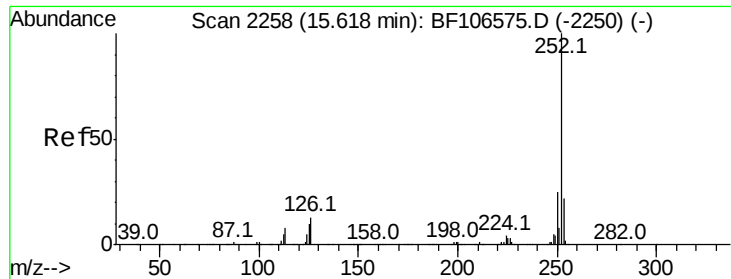
Sohil
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#88
Benzo(k)fluoranthene
Concen: 7.483 ng m
RT: 15.27 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	9.3	10.2	15.2#





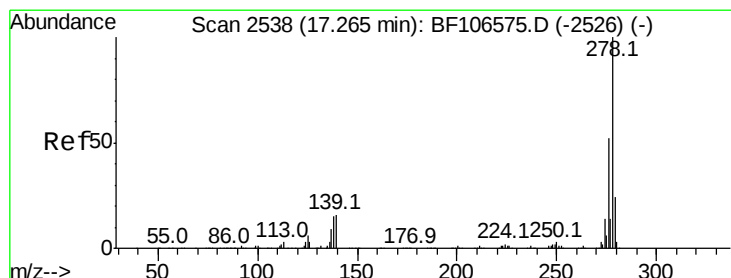
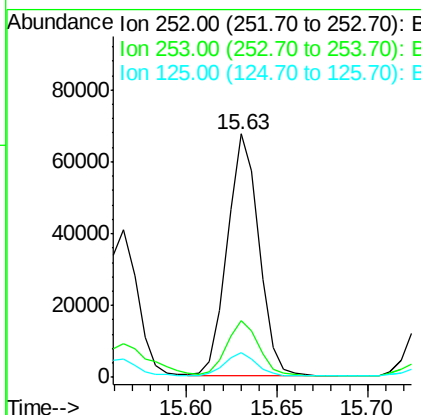
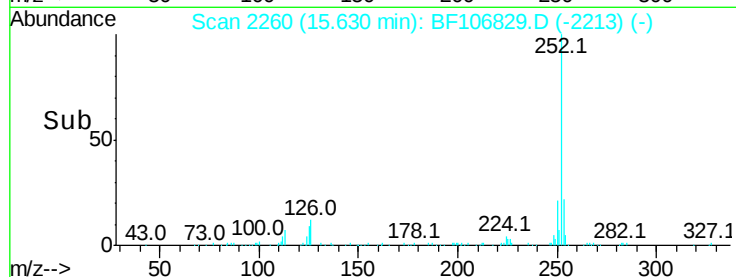
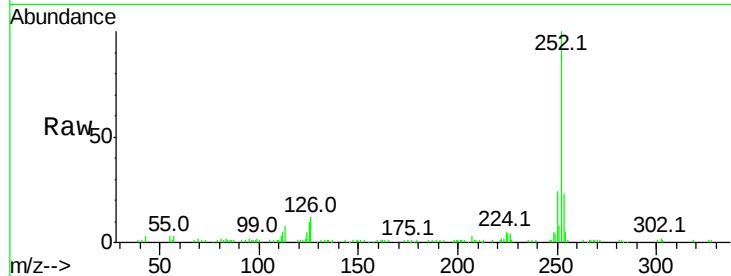
#89
Benzo(a)pyrene
Concen: 16.363 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.1	9.8	14.6

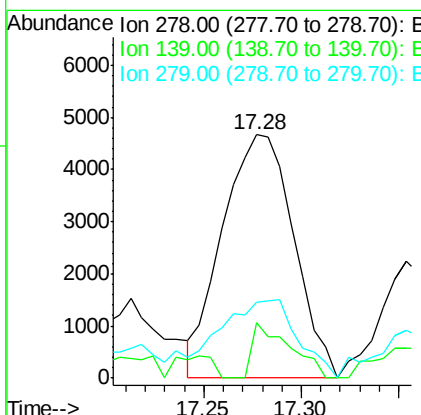
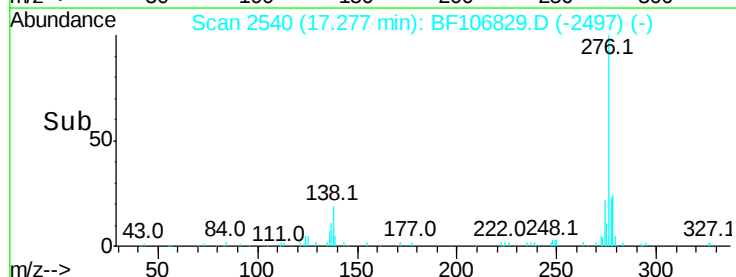
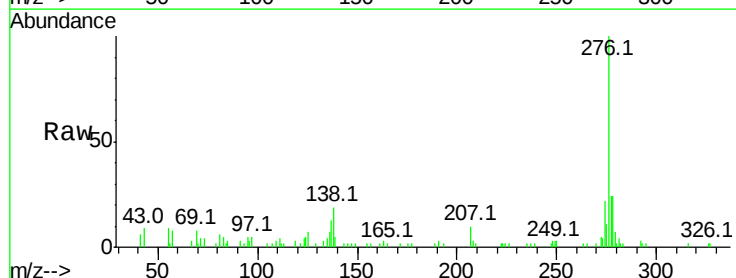
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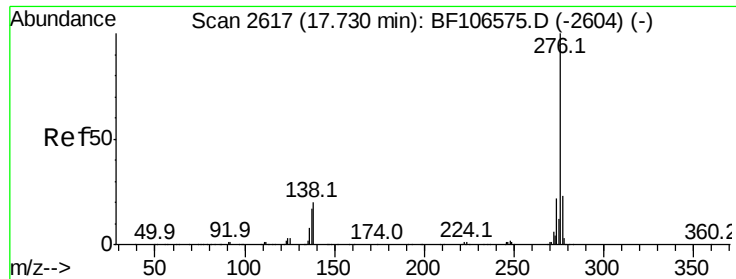
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 2.798 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF106829.D
Acq: 26 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	31.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 8.468 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.04 min
 Lab File: BF106829.D
 Acq: 26 Jun 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	18.7	21.8	32.8#

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