

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104861.D
 Acq On : 27 Apr 2018 4:44
 Operator : JU/SJ
 Sample : J2520-07 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9 0.0-0.5

Manual Integrations
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 4/27/2018 6:59:27 PM

Quant Time: Apr 27 13:08:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97890	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	394894	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	159080	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	246940	20.00	ng	0.00
75) Chrysene-d12	13.98	240	218696	20.00	ng	0.00
86) Perylene-d12	15.44	264	165612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	61359	9.58	ng	0.00
7) Phenol-d6	6.43	99	75347	9.58	ng	-0.01
23) Nitrobenzene-d5	7.36	82	43779	7.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	12722	7.71	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	80099	7.95	ng	0.00
78) Terphenyl-d14	12.92	244	62347	6.50	ng	0.00
Target Compounds						
70) Phenanthrene	11.35	178	102327	7.441	ng	96
74) Fluoranthene	12.55	202	125917	8.764	ng	97
77) Pyrene	12.77	202	108725	6.707	ng	98
80) Benzo(a)anthracene	13.97	228	54635	4.182	ng	100
82) Chrysene	14.00	228	53036	3.952	ng	94
87) Benzo(b)fluoranthene	15.02	252	45723m	4.371	ng	
89) Benzo(a)pyrene	15.38	252	32176	3.438	ng	97

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

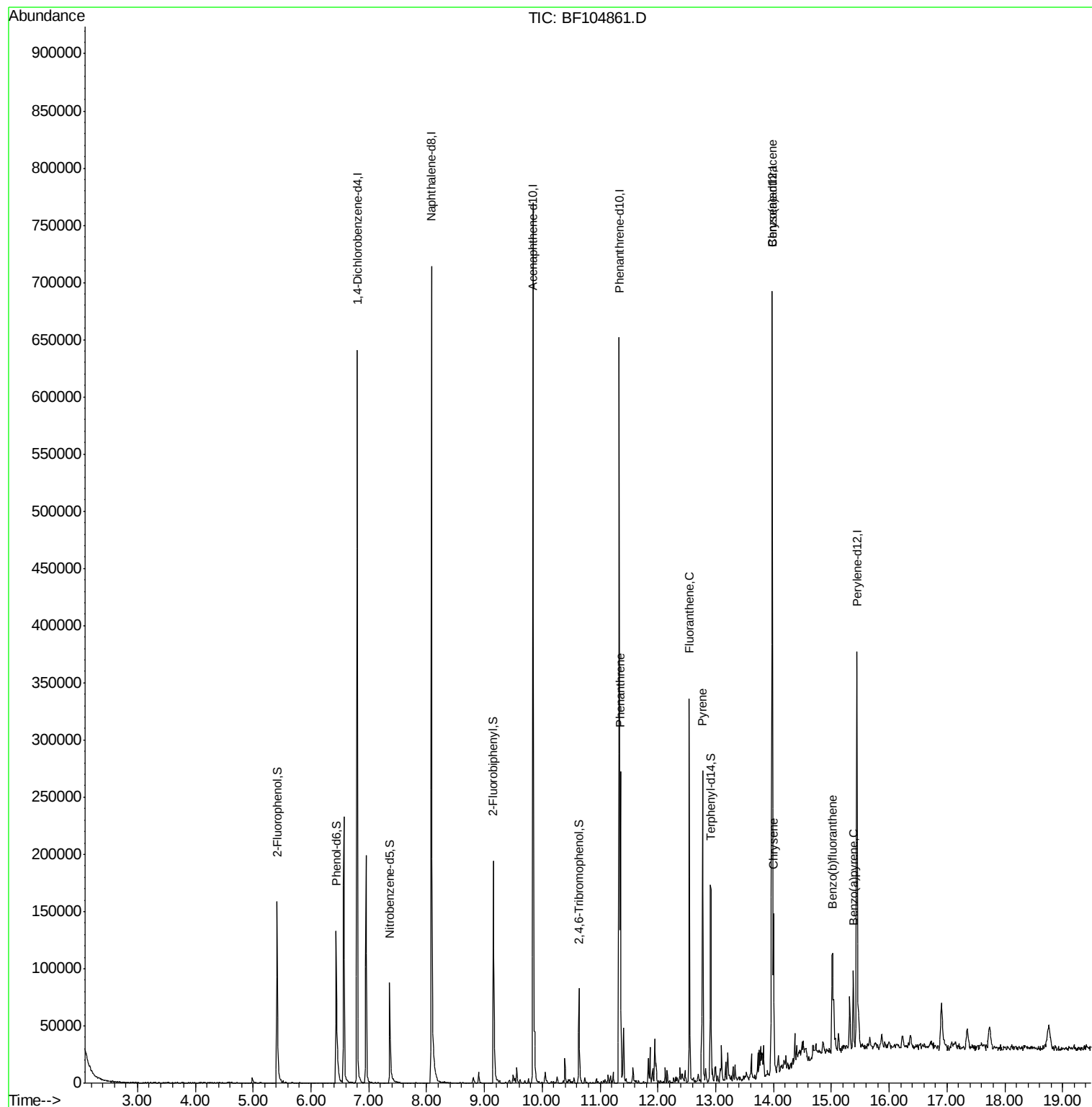
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104861.D
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Operator : JU/SJ
Sample : J2520-07 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

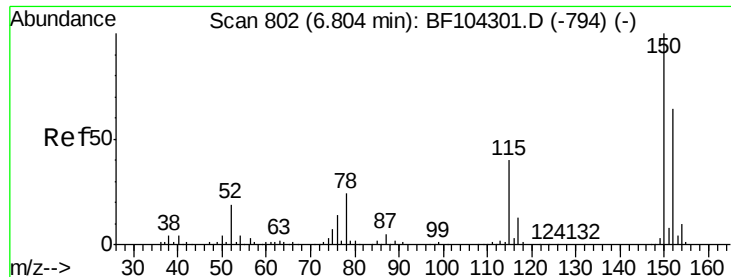
Instrument :
BNA_F
ClientSampleId :
TP-9 0.0-0.5

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Quant Time: Apr 27 13:08:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

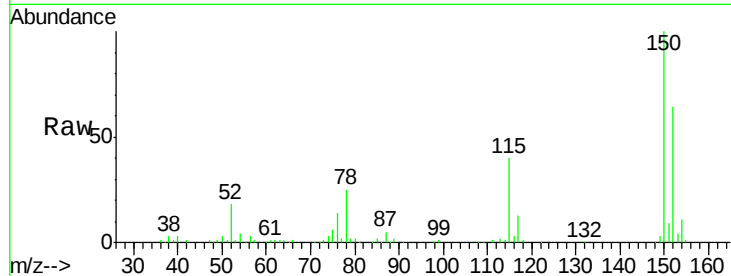
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Instrument :
BNA_F
ClientSampleId :
TP-9 0.0-0.5

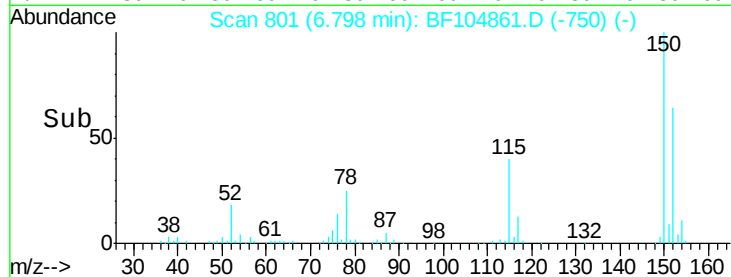
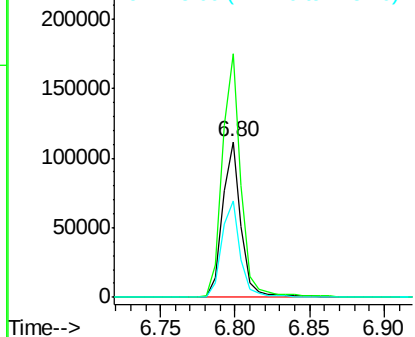
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	62.2	50.1	75.1

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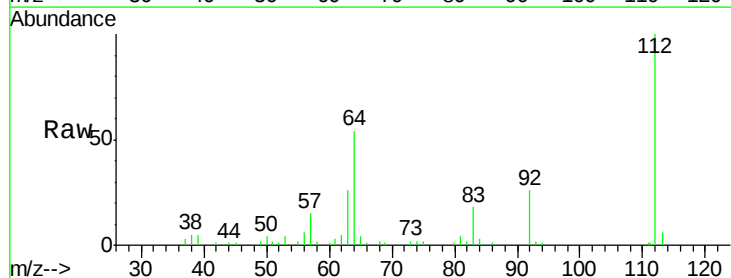
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



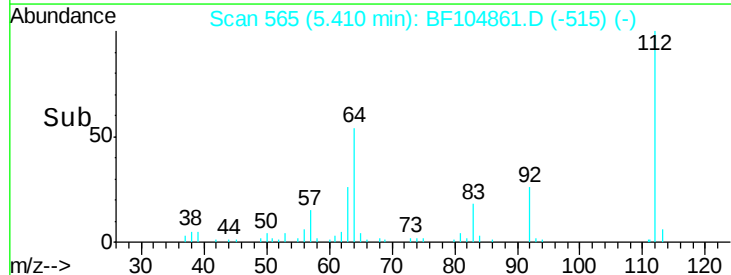
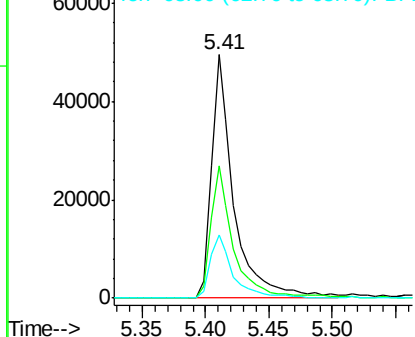
#5

2-Fluorophenol
Concen: 9.584 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 9.579 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Instrument :

BNA_F

ClientSampleId :

TP-9 0.0-0.5

Tot Ion: 99 Resp: 75347

Ion Ratio Lower Upper

99 100

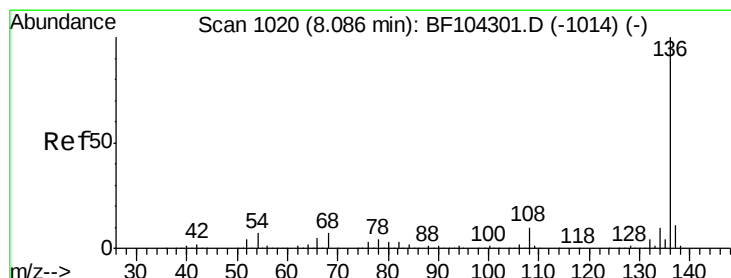
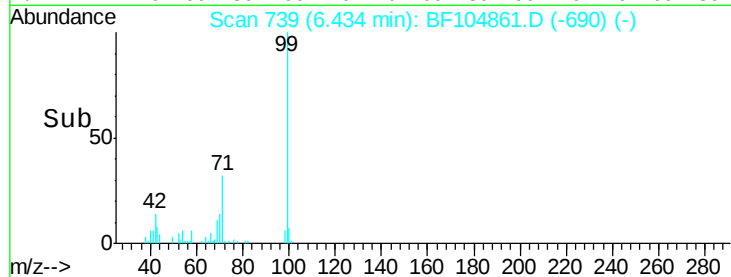
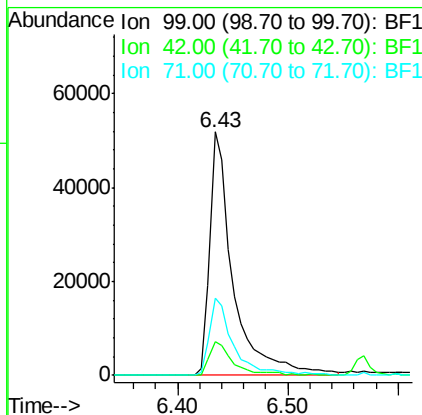
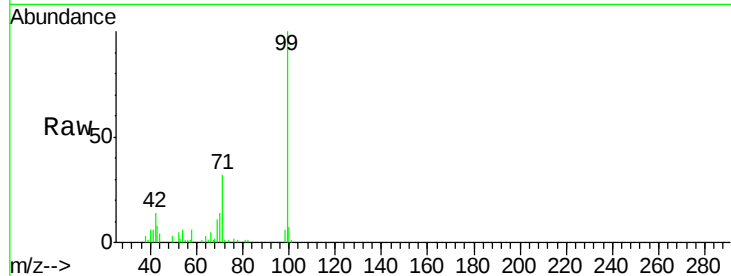
42 13.6 14.5 21.7#

71 31.6 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Tgt Ion: 136 Resp: 394894

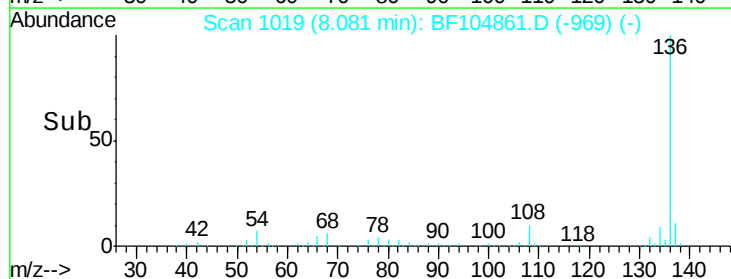
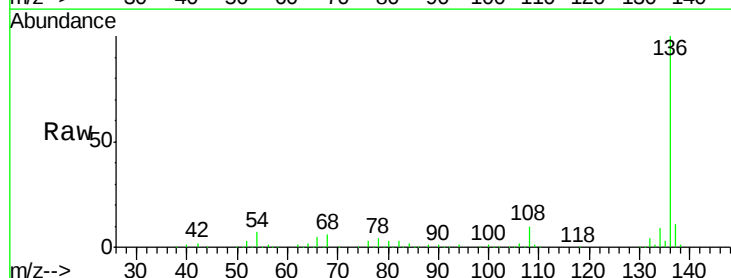
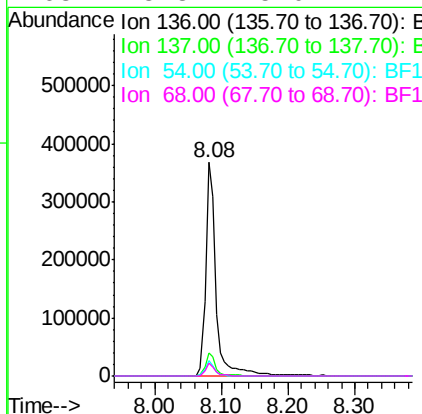
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4





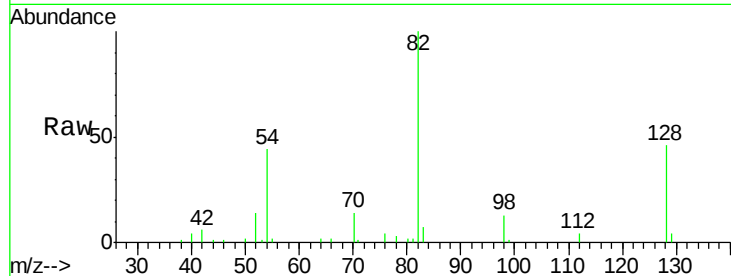
#23
Nitrobenzene-d5
Concen: 7.239 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Instrument :
BNA_F
ClientSampleId :
TP-9 0.0-0.5

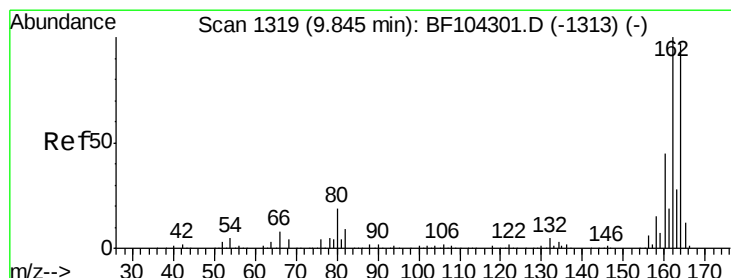
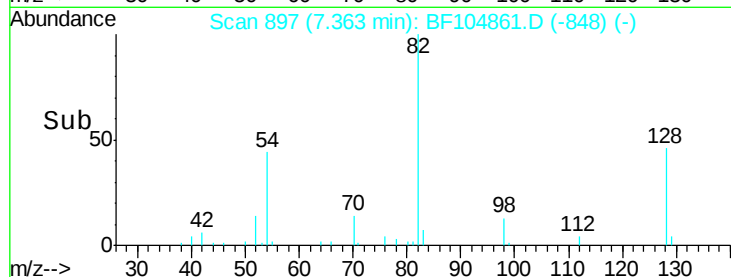
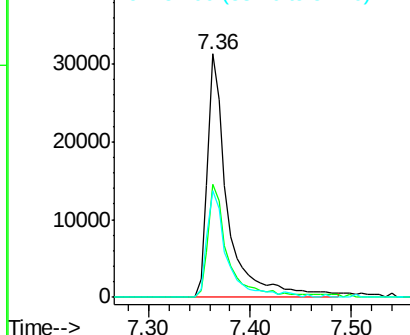
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	43.6	41.4	62.2

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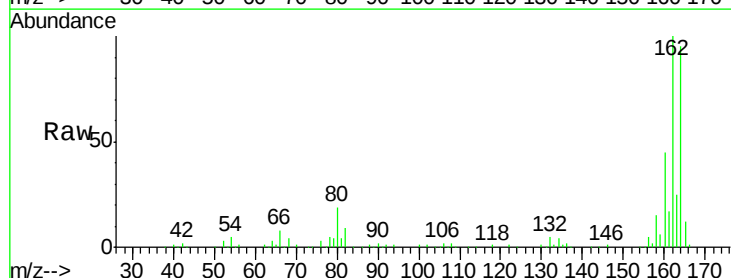


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

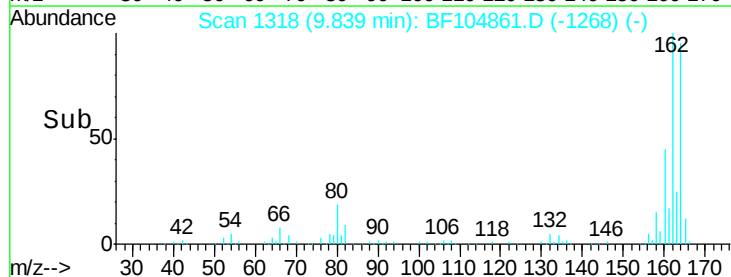
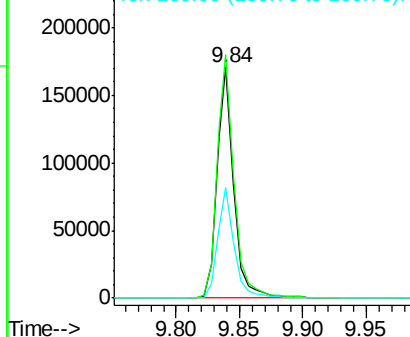


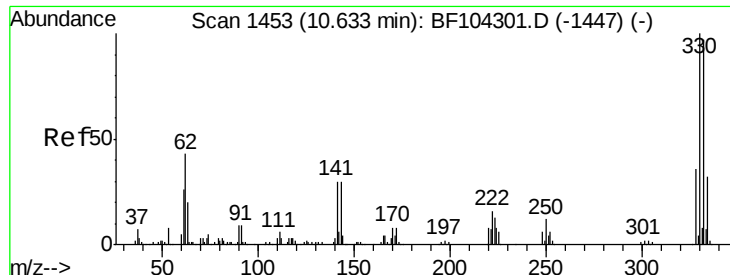
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	47.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





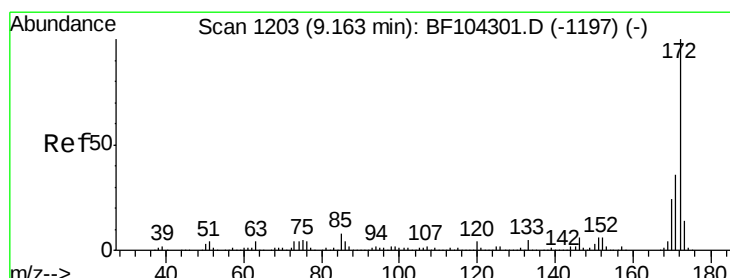
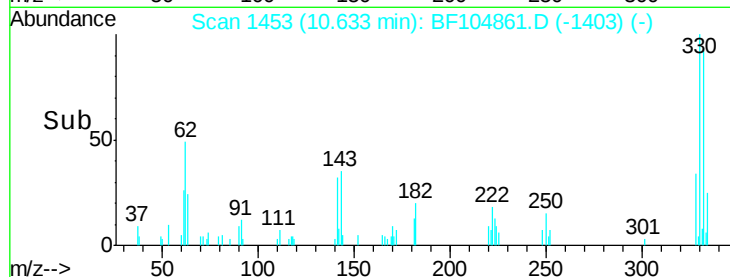
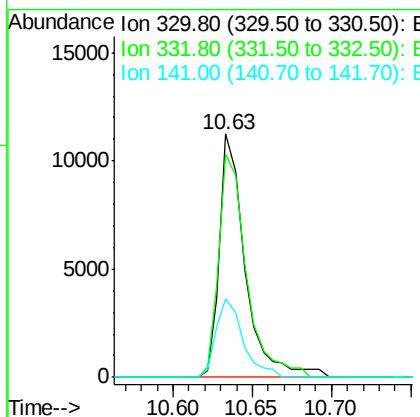
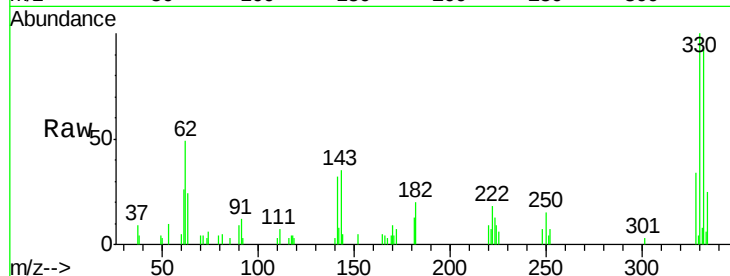
#41
 2,4,6-Tribromophenol
 Concen: 7.709 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104861.D
 Acq: 27 Apr 2018 4:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-9 0.0-0.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	33.8	29.9	44.9

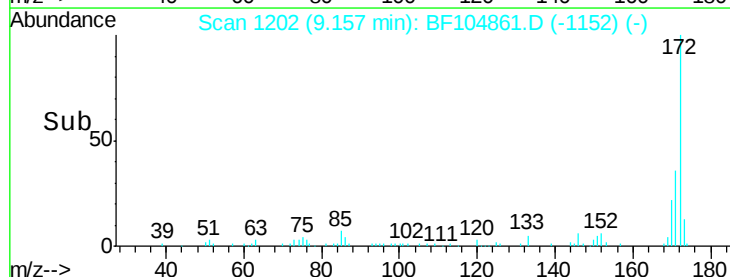
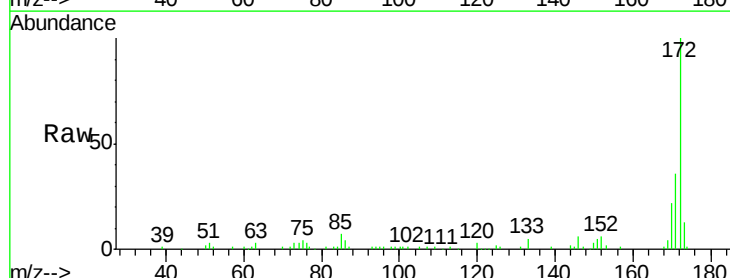
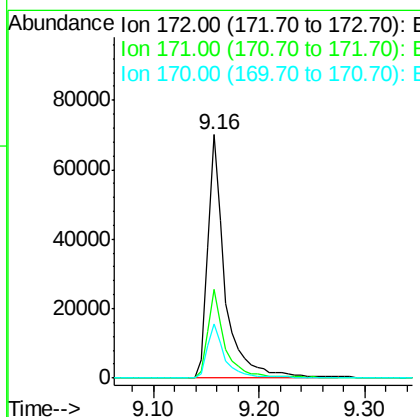
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#44
 2-Fluorobiphenyl
 Concen: 7.954 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104861.D
 Acq: 27 Apr 2018 4:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	22.3	19.6	29.4





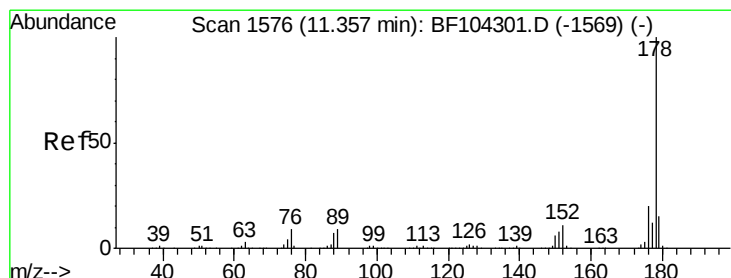
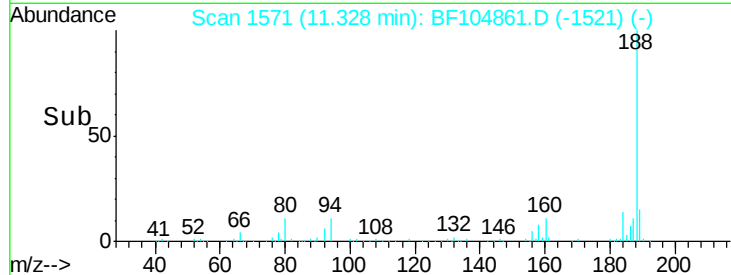
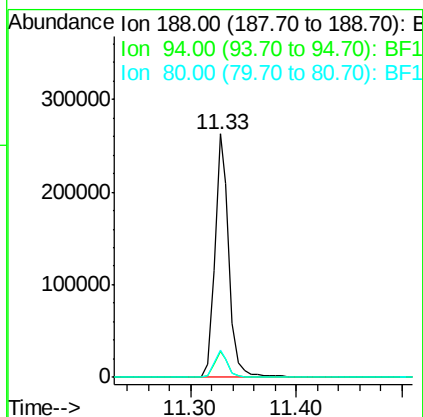
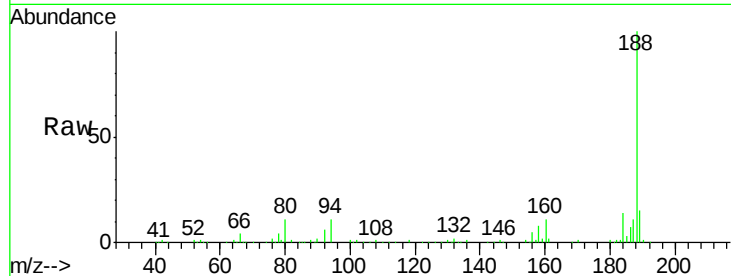
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Instrument :
BNA_F
ClientSampleId :
TP-9 0.0-0.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	246940		
94	10.5		8.5	12.7
80	11.4		9.2	13.8

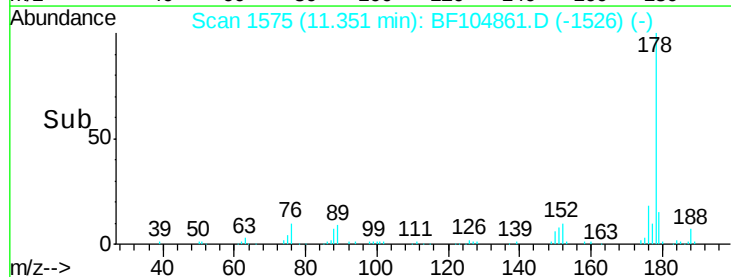
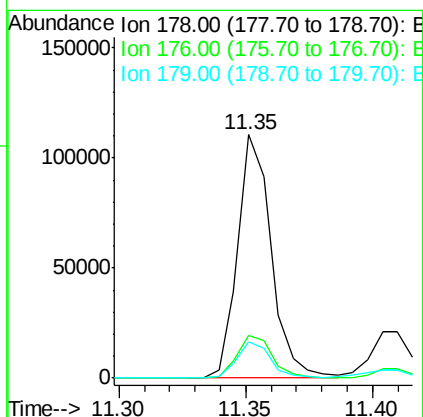
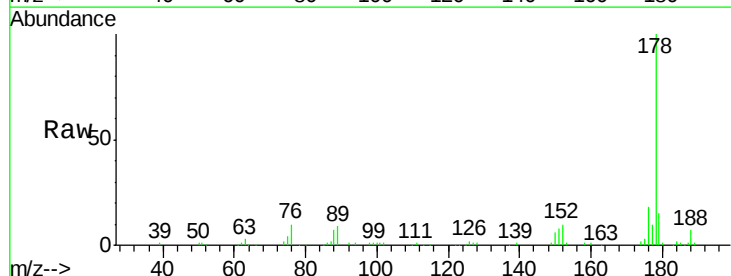
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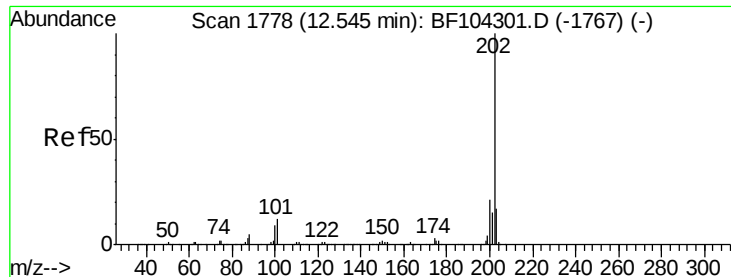
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#70
Phenanthrene
Concen: 7.441 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102327		
176	17.7		15.8	23.8
179	14.9		13.0	19.6





#74

Fluoranthene

Concen: 8.764 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Instrument :

BNA_F

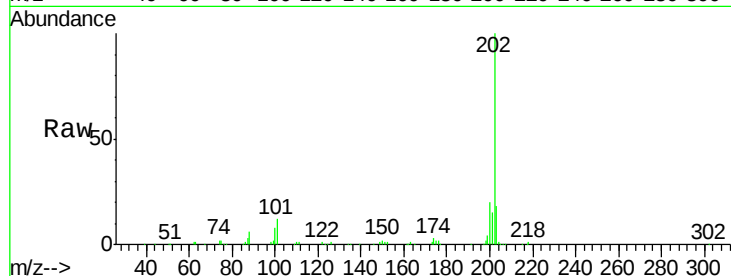
ClientSampleId :

TP-9 0.0-0.5

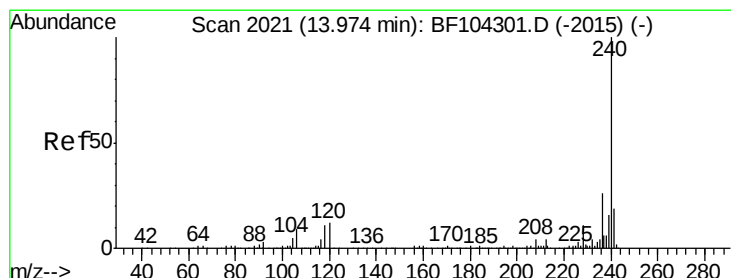
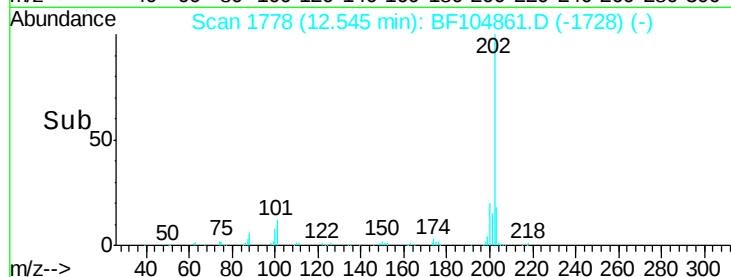
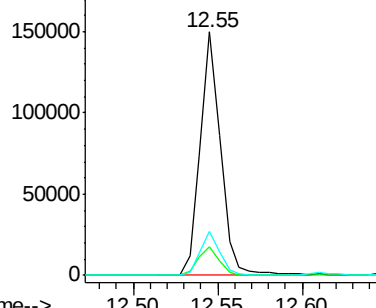
Tot Ion:	202	Resp:	125917
Ion Ratio		Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.9	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

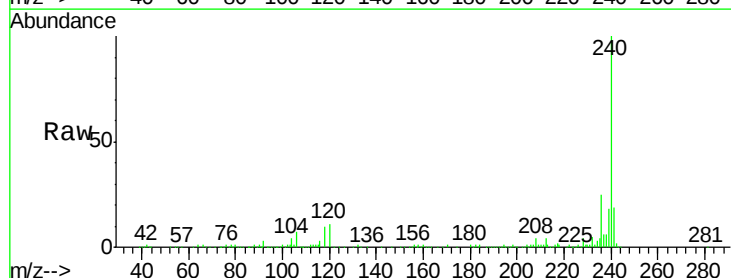
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

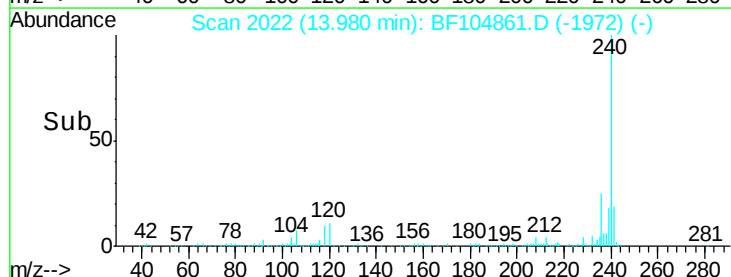
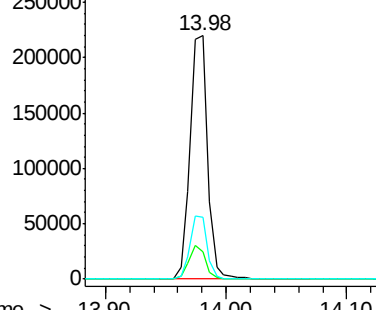
Lab File: BF104861.D

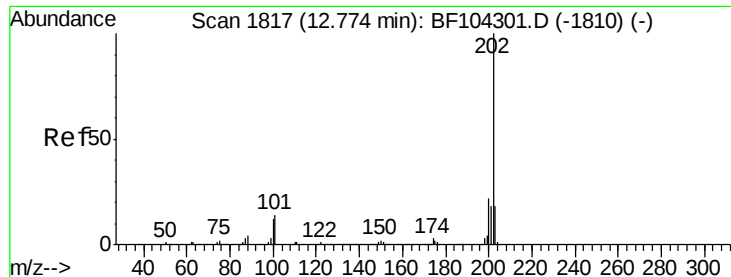
Acq: 27 Apr 2018 4:44

Tgt Ion:	240	Resp:	218696
Ion Ratio		Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.707 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Instrument :

BNA_F

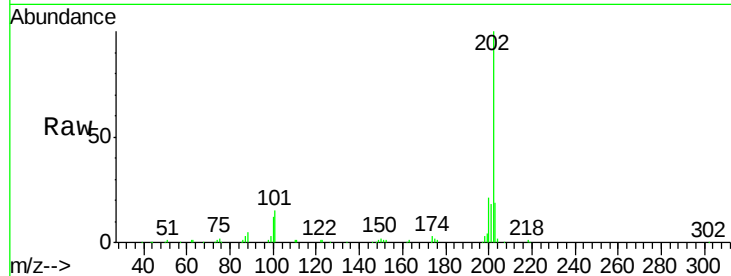
ClientSampleId :

TP-9 0.0-0.5

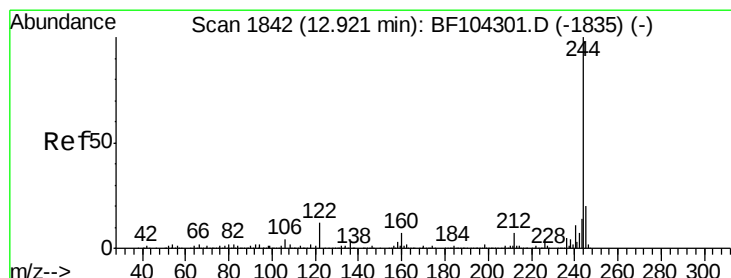
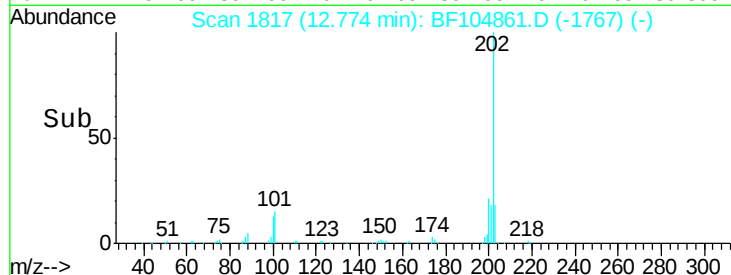
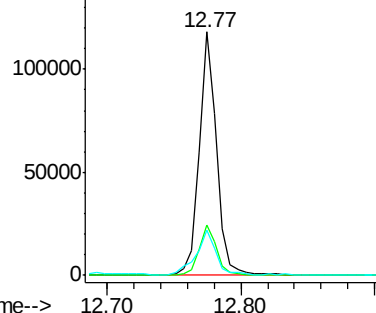
Tot Ion:202	Resp:	108725
Ion Ratio	Lower	Upper
202 100		
200 20.9	17.4	26.2
203 18.6	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 6.499 ng

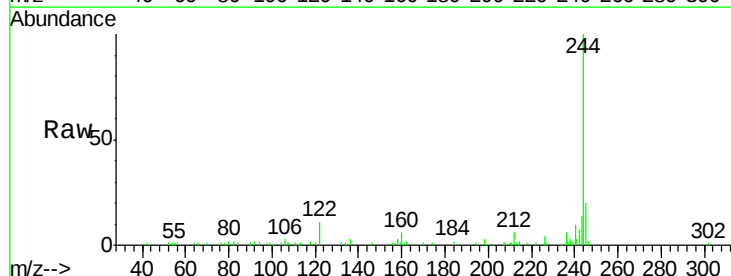
RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

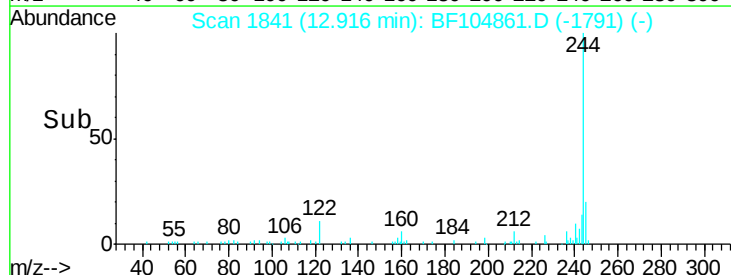
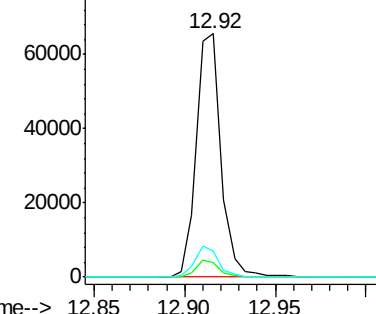
Lab File: BF104861.D

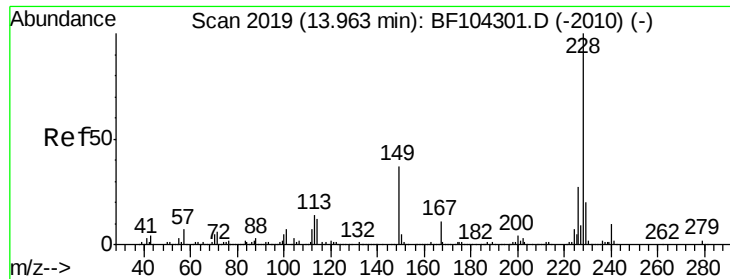
Acq: 27 Apr 2018 4:44

Tgt Ion:244	Resp:	62347
Ion Ratio	Lower	Upper
244 100		
212 5.8	5.4	8.0
122 10.7	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





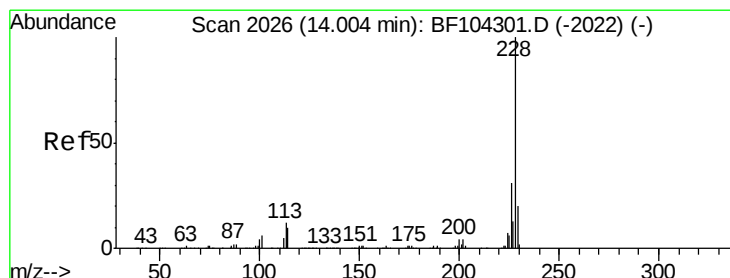
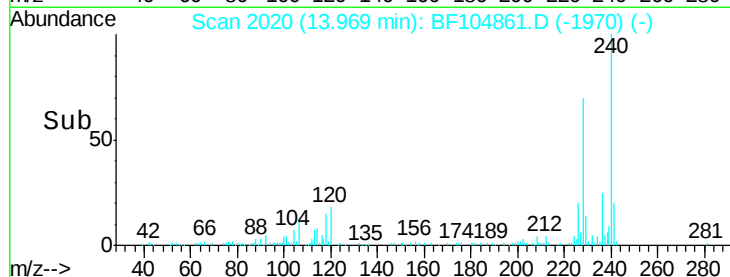
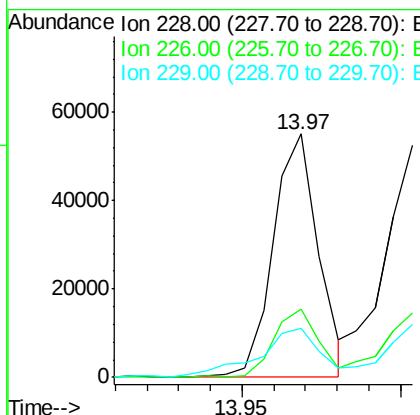
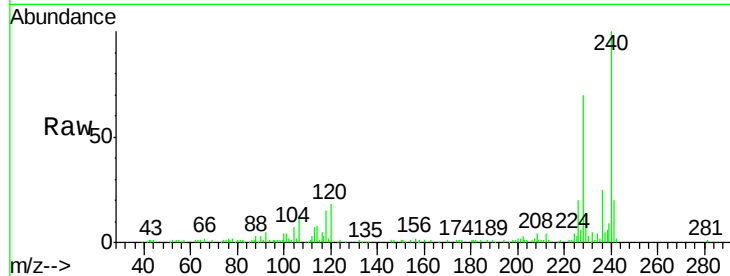
#80
Benzo(a)anthracene
Concen: 4.182 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Instrument :
BNA_F
ClientSampleId :
TP-9 0.0-0.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	15.8	23.6

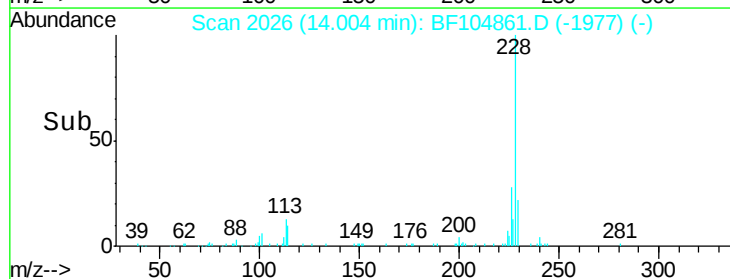
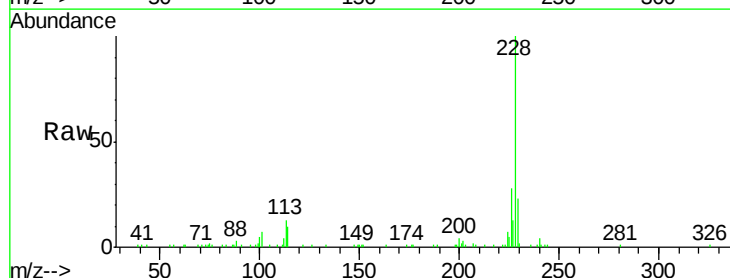
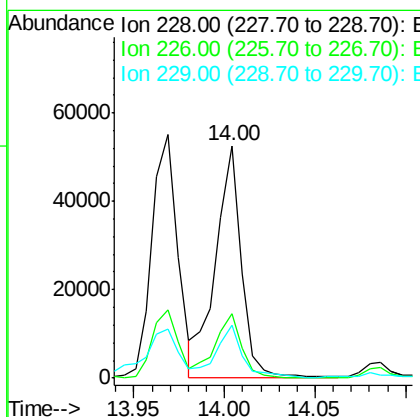
Manual Integrations
APPROVED

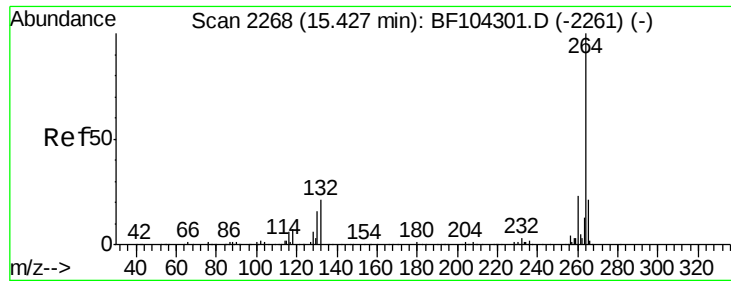
Sohil
4/27/2018 6:59:27 PM



#82
Chrysene
Concen: 3.952 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104861.D
Acq: 27 Apr 2018 4:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	22.7	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Instrument :

BNA_F

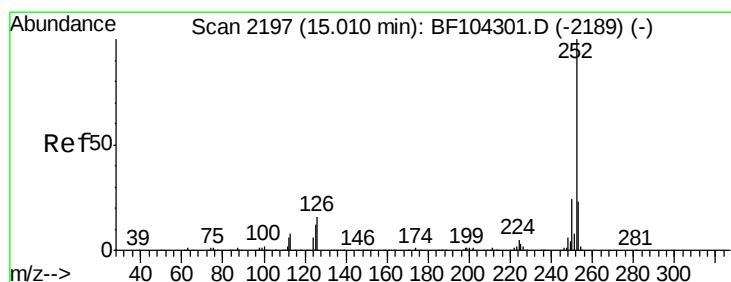
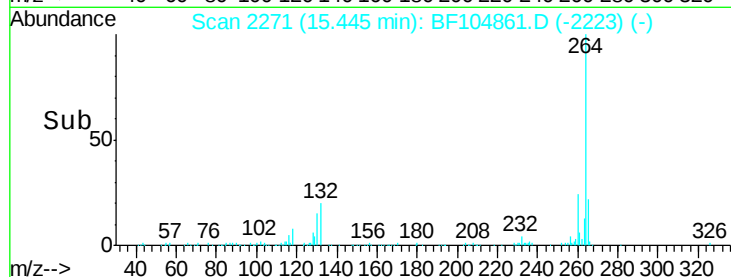
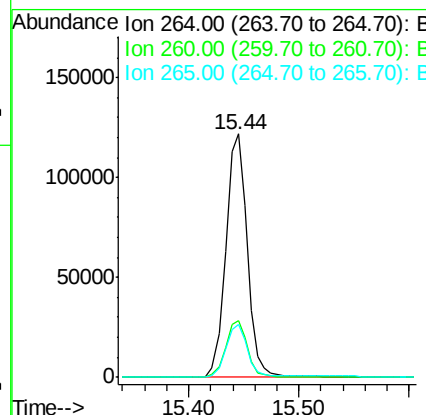
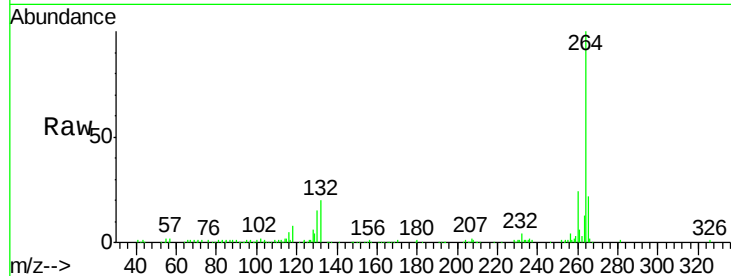
ClientSampleId :

TP-9 0.0-0.5

Tot Ion:264	Resp:	165612
Ion Ratio	Lower	Upper
264 100		
260 23.5	19.2	28.8
265 21.5	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 4.371 ng m

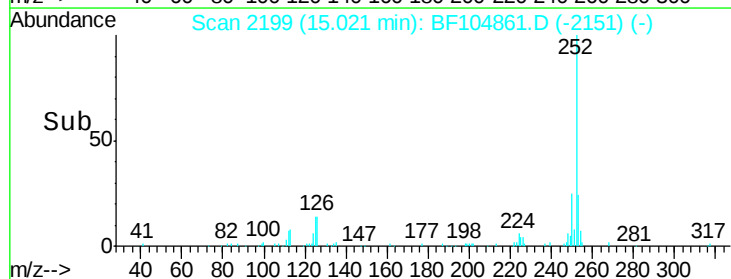
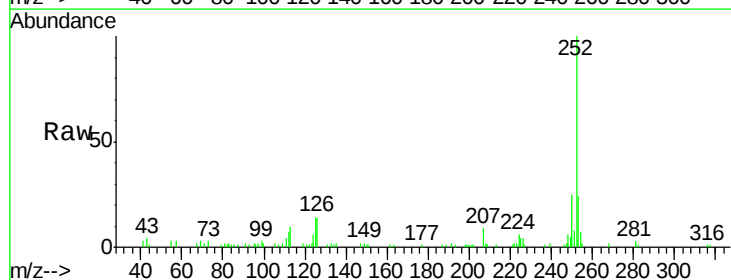
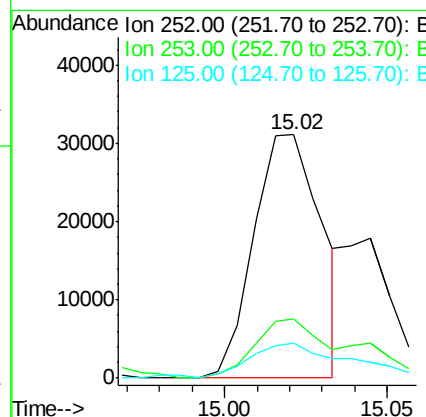
RT: 15.02 min Scan# 2199

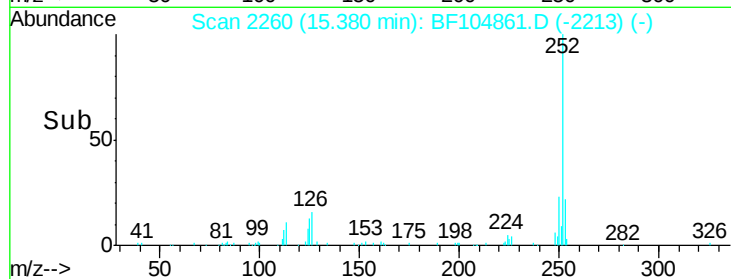
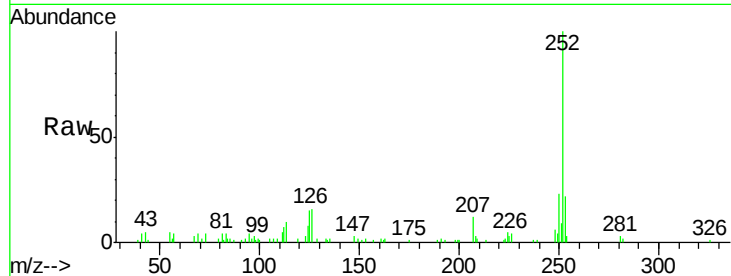
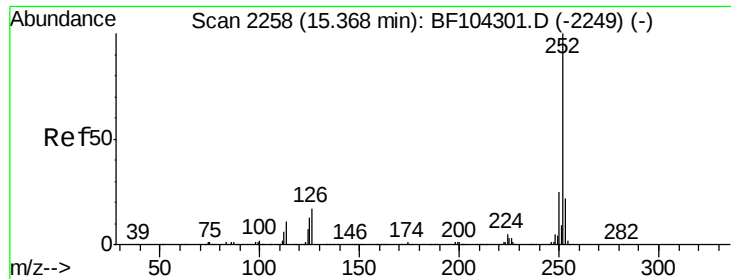
Delta R.T. -0.02 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Tgt Ion:252	Resp:	45723
Ion Ratio	Lower	Upper
252 100		
253 24.3	17.0	25.6
125 14.4	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 3.438 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BF104861.D

Acq: 27 Apr 2018 4:44

Tot Ion:	252	Resp:	32176
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	14.5	9.8	14.6

Instrument :

BNA_F

ClientSampleId :

TP-9 0.0-0.5

Manual Integrations
APPROVED

Sohil
4/27/2018 6:59:27 PM

