

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104865.D
 Acq On : 27 Apr 2018 6:31
 Operator : JU/SJ
 Sample : J2520-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6 2.0-2.5

Manual Integrations
 APPROVED

Sohil
 4/27/2018 6:59:38 PM

Quant Time: Apr 27 13:22:17 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	109645	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	447496	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	183332	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	289246	20.00	ng	0.00
75) Chrysene-d12	13.97	240	235677	20.00	ng	-0.01
86) Perylene-d12	15.44	264	181038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	799034	111.43	ng	0.00
7) Phenol-d6	6.45	99	1000207	113.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	627117	91.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206058	108.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	963888	83.06	ng	0.00
78) Terphenyl-d14	12.92	244	736412	71.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	110478	7.642	ng	100
70) Phenanthrene	11.35	178	76617	4.756	ng	98
74) Fluoranthene	12.54	202	126363	7.508	ng	97
77) Pyrene	12.77	202	117779	6.742	ng	99
80) Benzo(a)anthracene	13.97	228	59210	4.205	ng	98
82) Chrysene	14.00	228	54031	3.736	ng	97
87) Benzo(b)fluoranthene	15.02	252	52645m	4.604	ng	
89) Benzo(a)pyrene	15.38	252	36111	3.530	ng	94

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

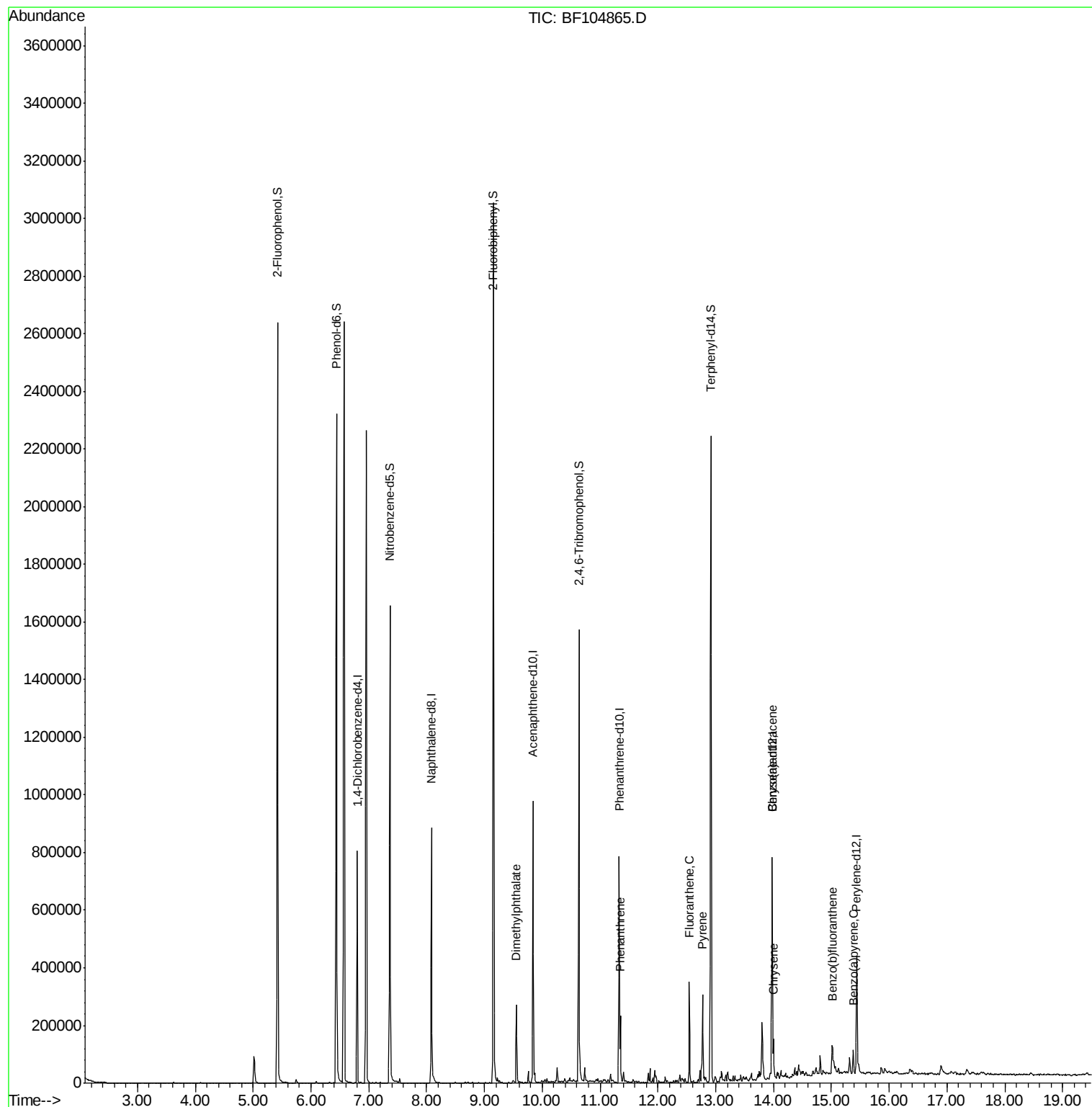
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104865.D
Acq On : 27 Apr 2018 6:31
Operator : JU/SJ
Sample : J2520-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

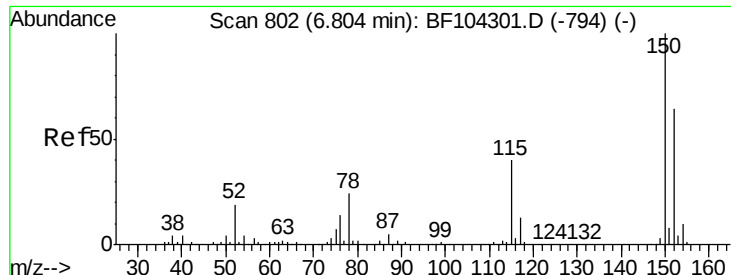
Instrument :
BNA_F
ClientSampleId :
TP-6 2.0-2.5

Manual Integrations
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4/27/2018 6:59:38 PM

Quant Time: Apr 27 13:22:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

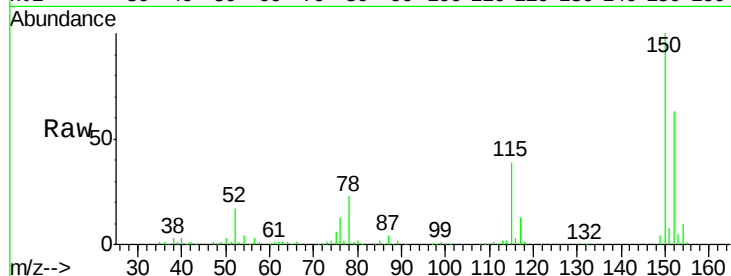
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :
TP-6 2.0-2.5

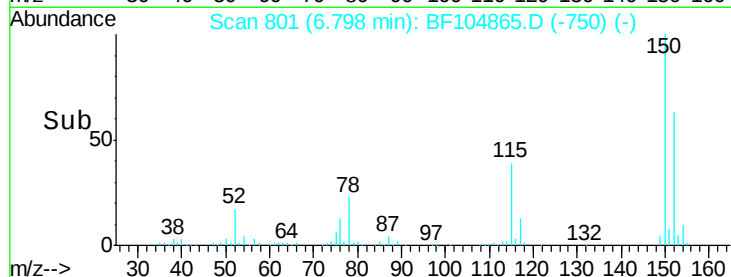
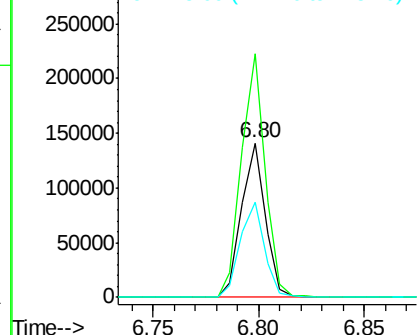
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	61.7	50.1	75.1

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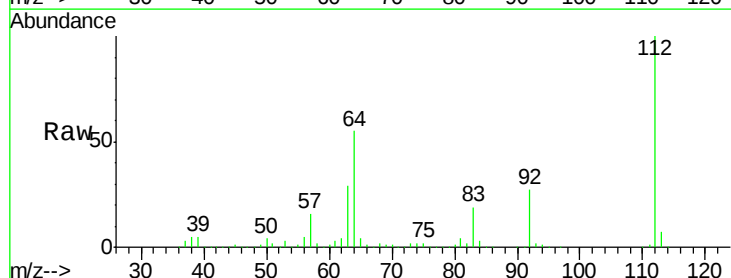
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



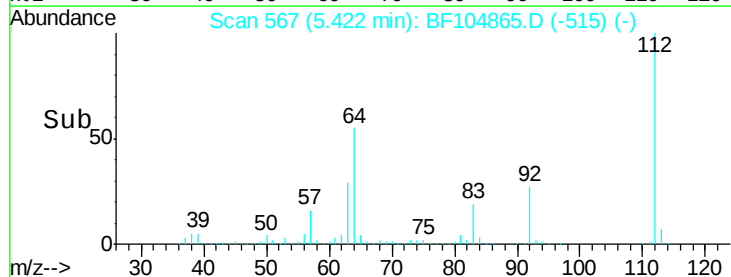
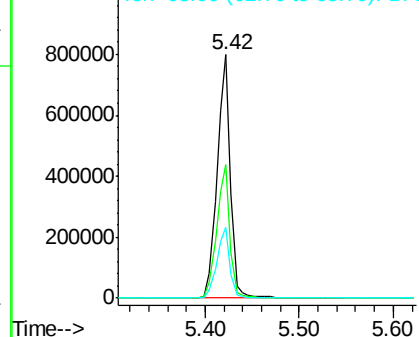
#5

2-Fluorophenol
Concen: 111.429 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	29.0	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: 113.524 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Instrument :

BNA_F

ClientSampleId :

TP-6 2.0-2.5

Tot Ion: 99 Resp: 1000207

Ion Ratio Lower Upper

99 100

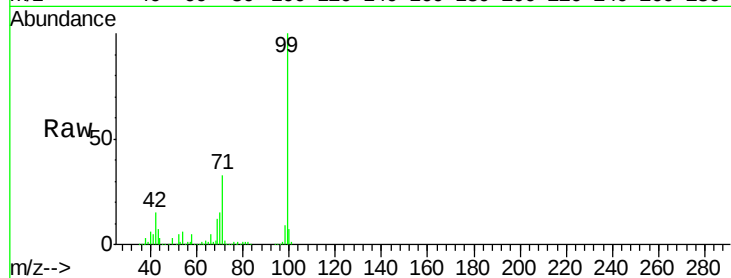
42 14.8 14.5 21.7

71 33.2 25.4 38.0

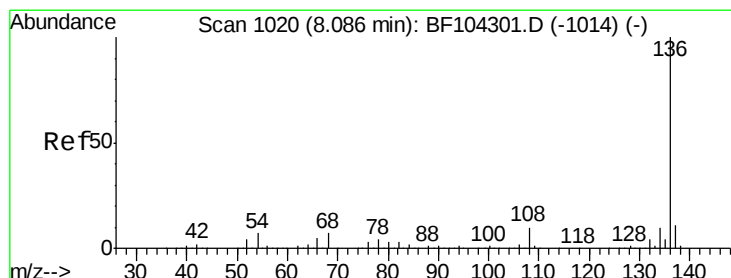
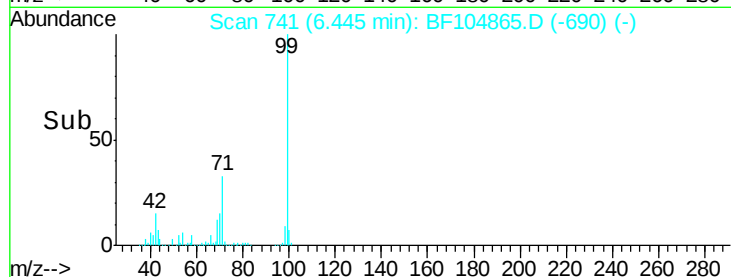
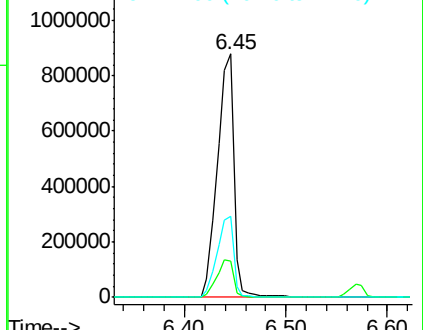
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Tgt Ion: 136 Resp: 447496

Ion Ratio Lower Upper

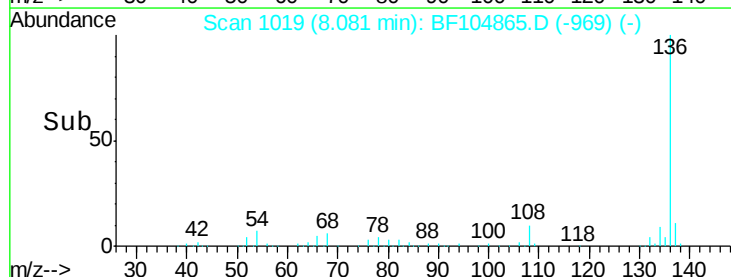
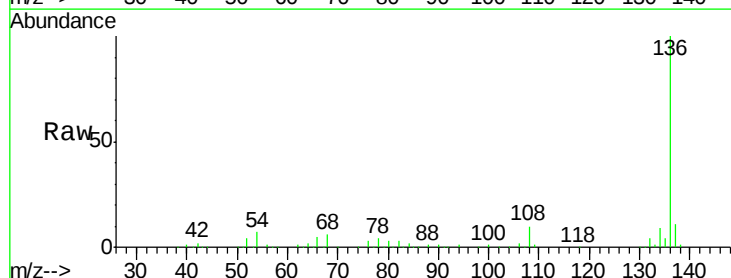
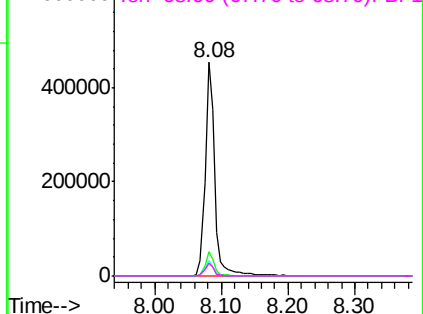
136 100

137 11.4 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 91.508 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Instrument :

BNA_F

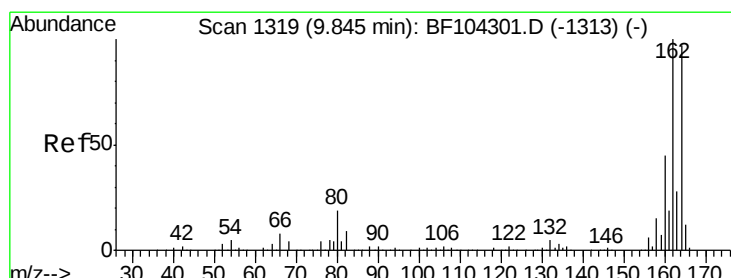
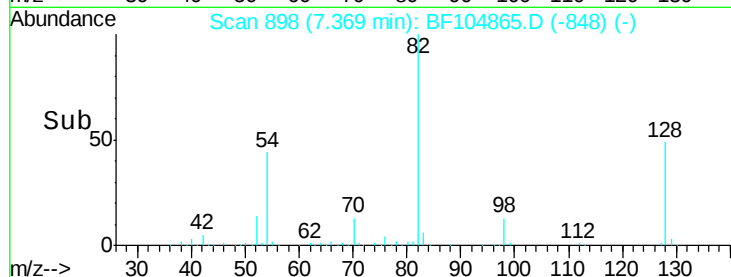
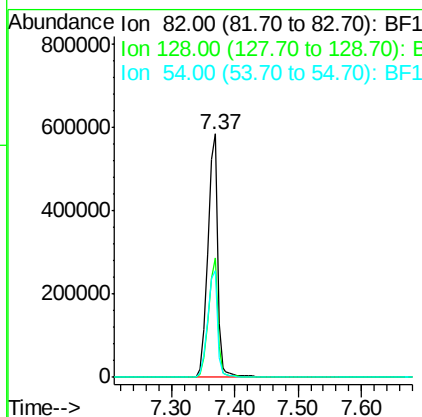
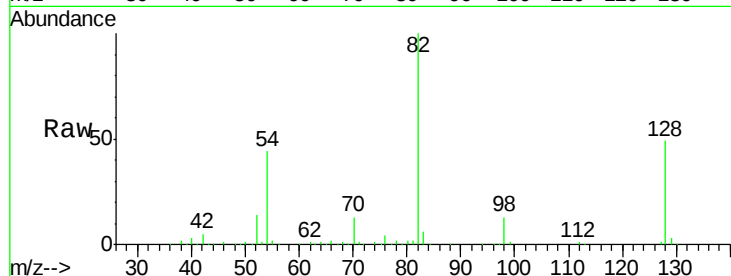
ClientSampled :

TP-6 2.0-2.5

Tot Ion:	82	Resp:	627117
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	43.7	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

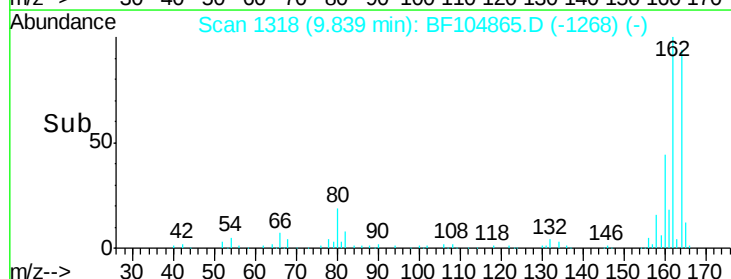
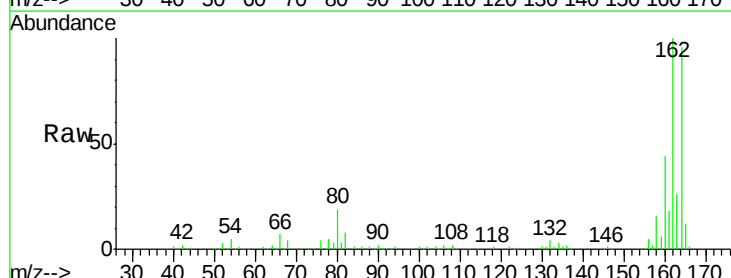
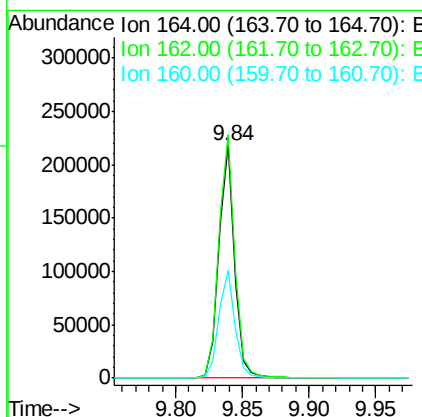
RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Tgt Ion:	164	Resp:	183332
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.2	38.3	57.5





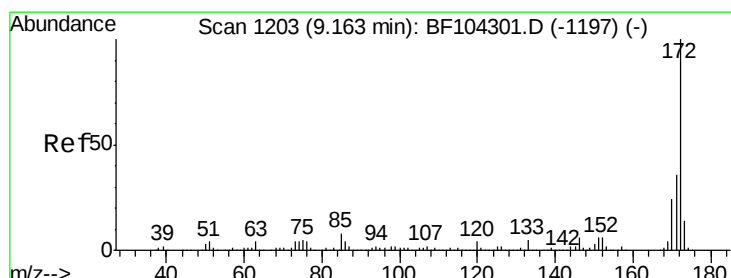
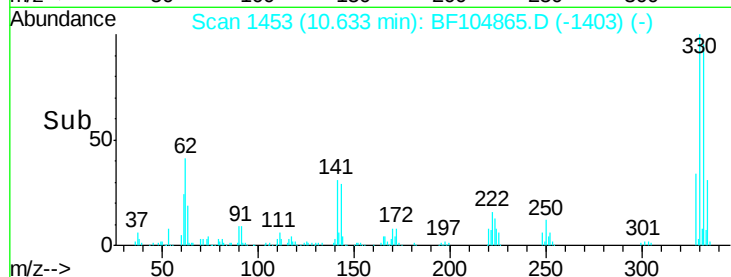
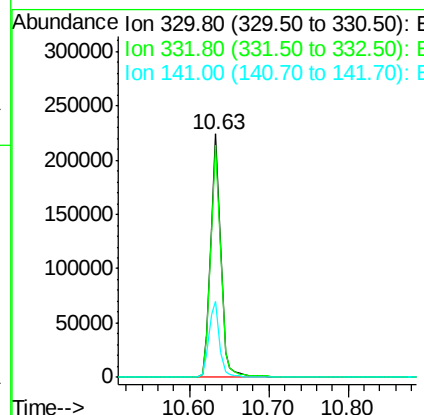
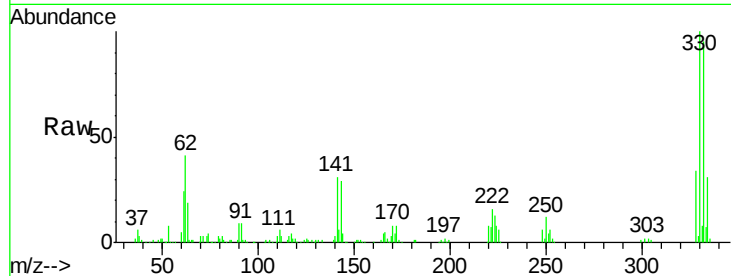
#41
 2,4,6-Tribromophenol
 Concen: 108.352 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104865.D
 Acq: 27 Apr 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6 2.0-2.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.7	29.9	44.9

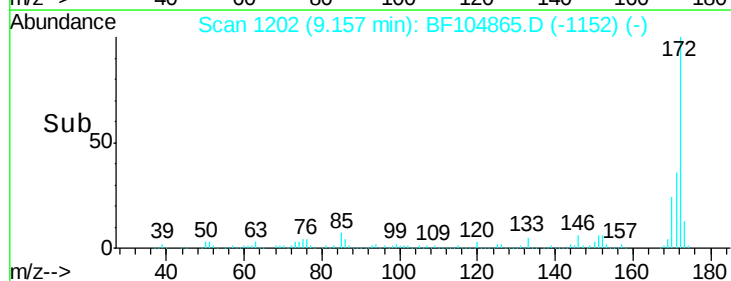
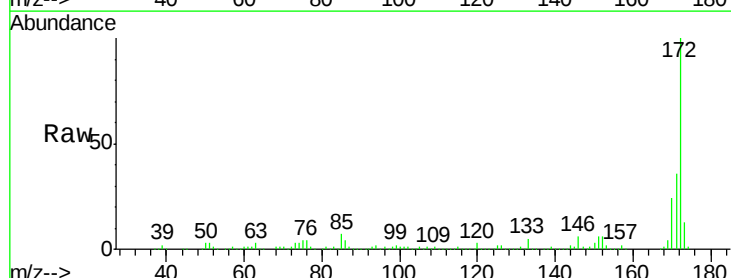
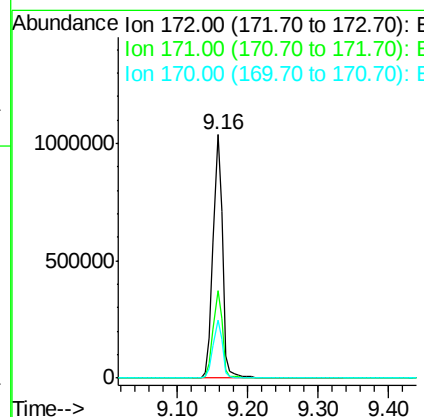
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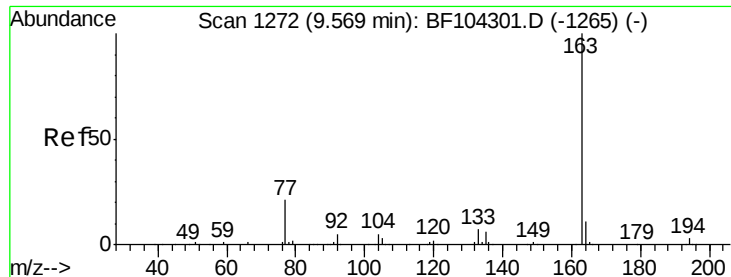
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#44
 2-Fluorobiphenyl
 Concen: 83.057 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104865.D
 Acq: 27 Apr 2018 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4





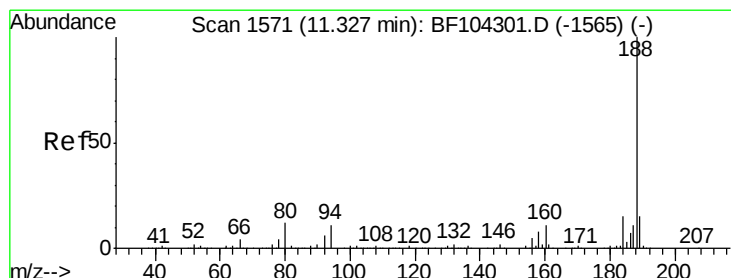
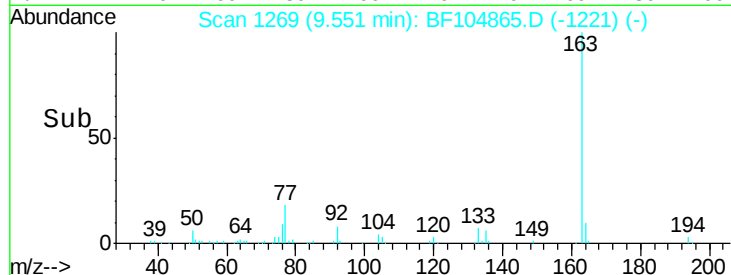
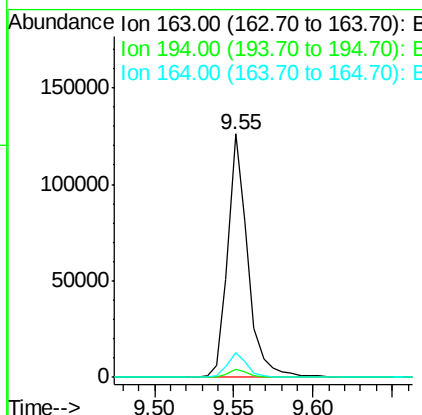
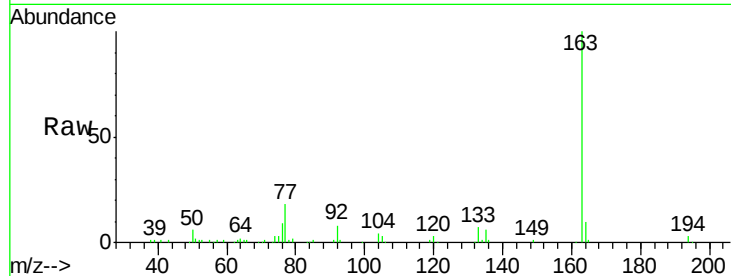
#49
Dimethylphthalate
Concen: 7.642 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :
TP-6 2.0-2.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.3		2.7	4.1	
164	10.1		8.2	12.2	

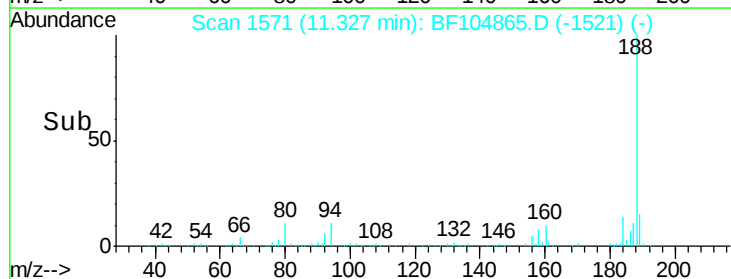
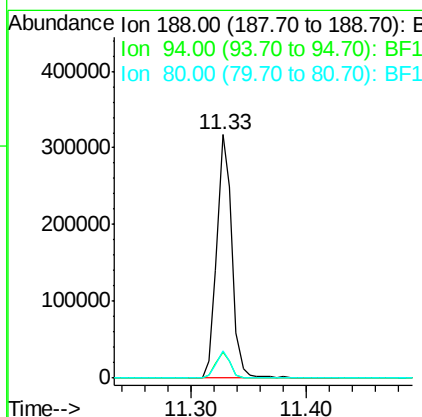
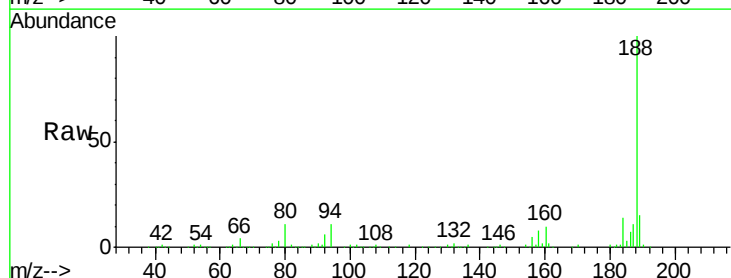
Manual Integrations
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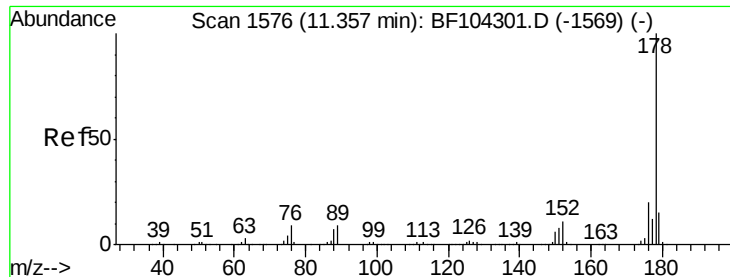
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.9		8.5	12.7	
80	11.2		9.2	13.8	





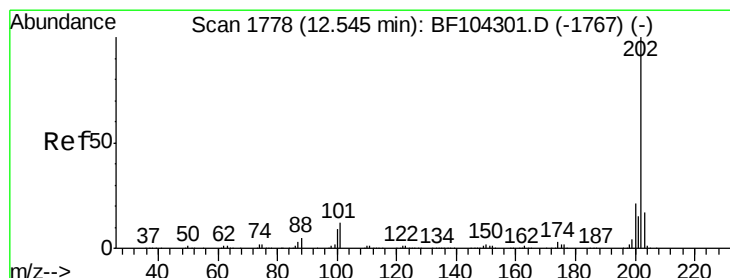
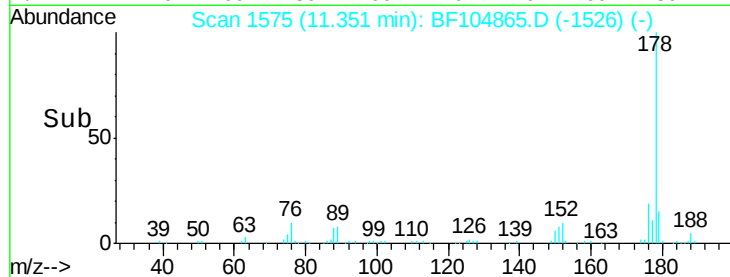
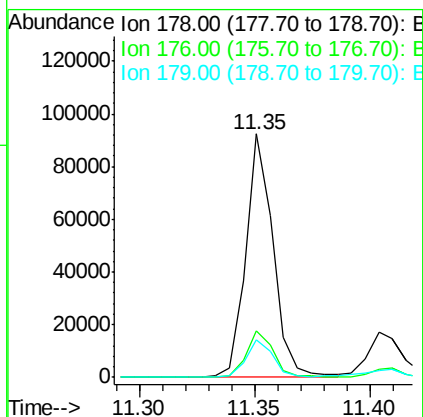
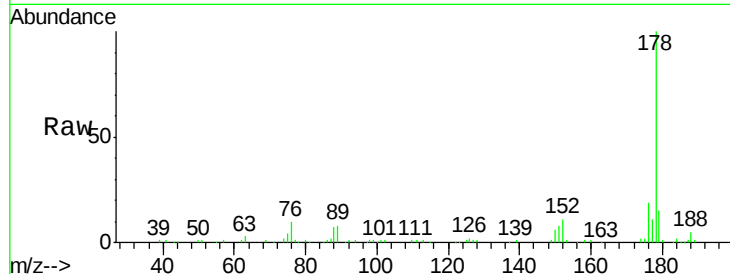
#70
Phenanthrene
Concen: 4.756 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :
TP-6 2.0-2.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	13.0	19.6

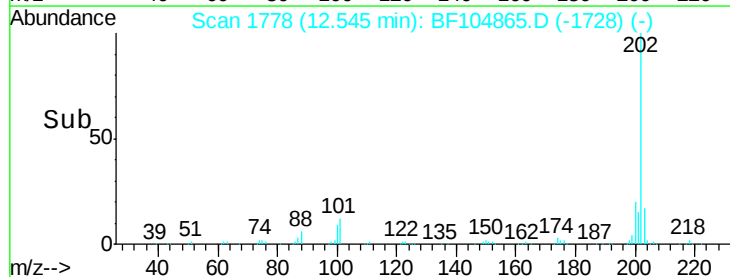
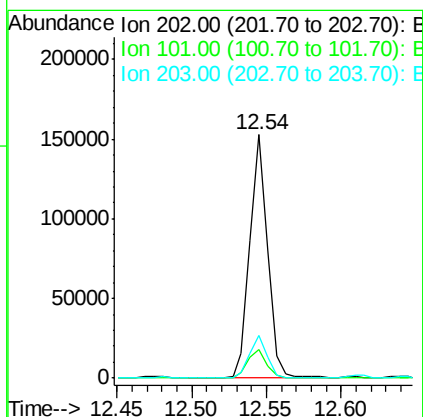
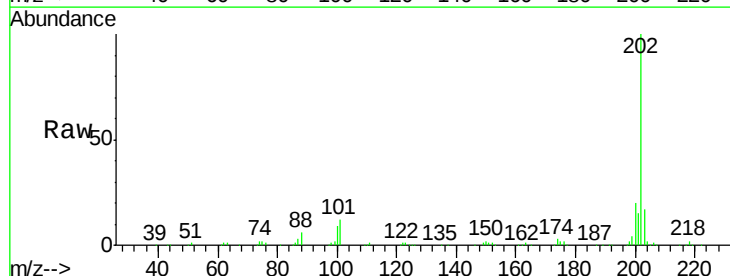
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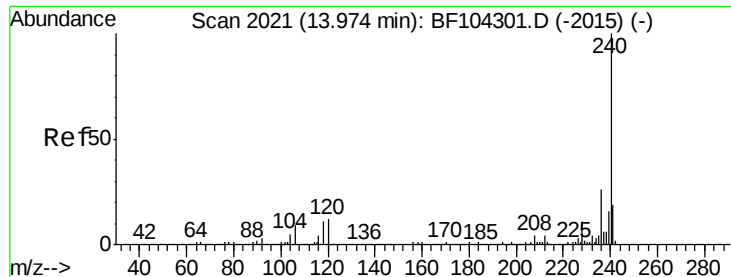
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#74
Fluoranthene
Concen: 7.508 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Instrument :

BNA_F

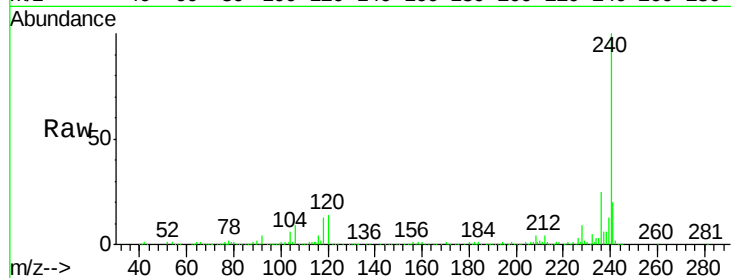
ClientSampleId :

TP-6 2.0-2.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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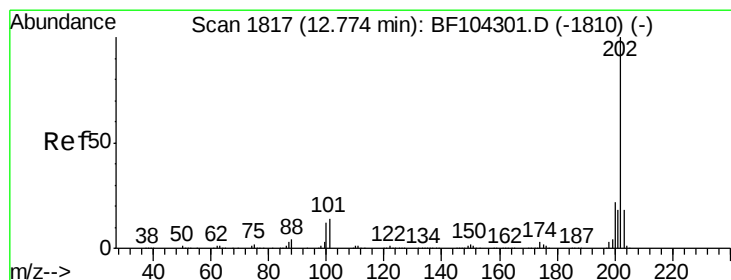
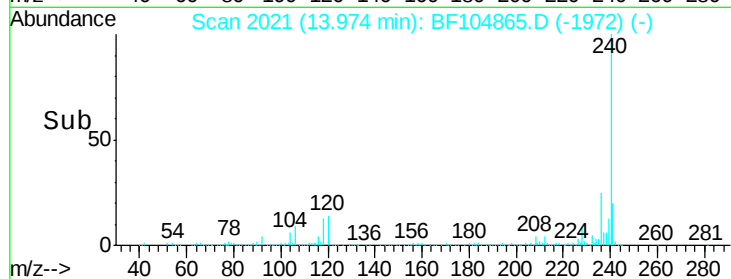
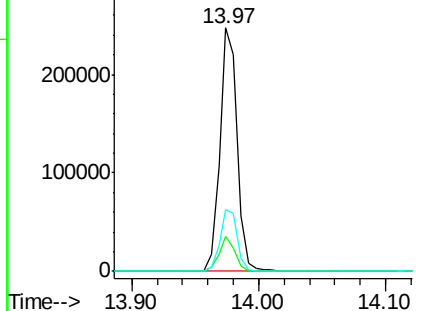
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.742 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104865.D

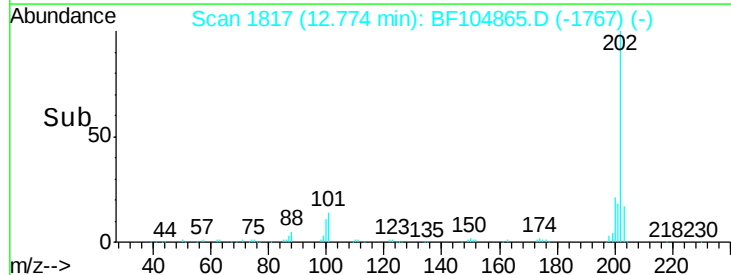
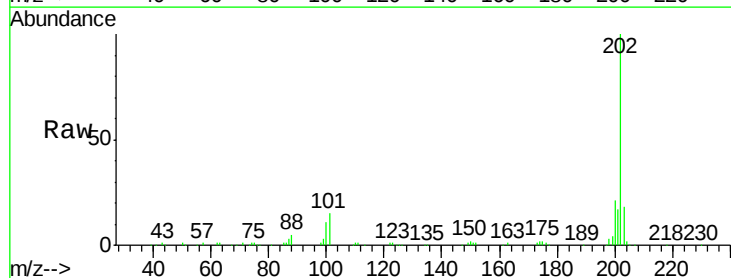
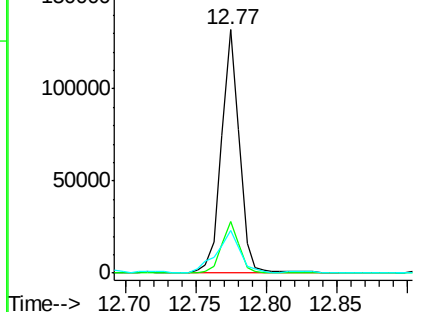
Acq: 27 Apr 2018 6:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5

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





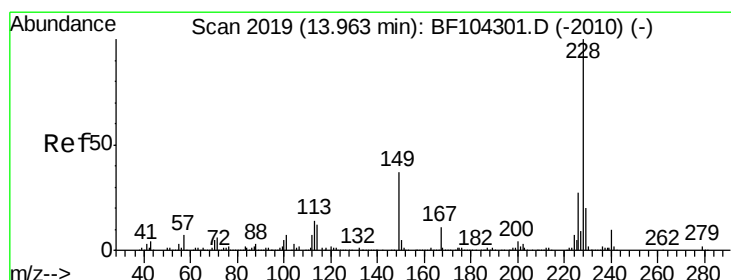
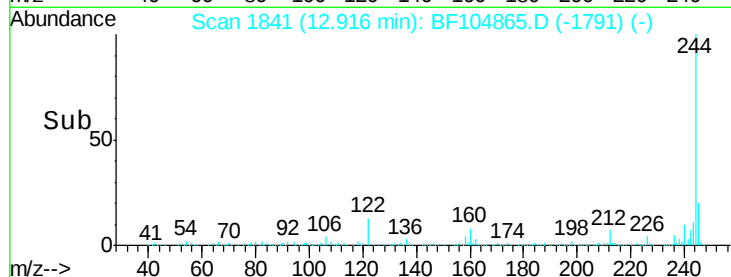
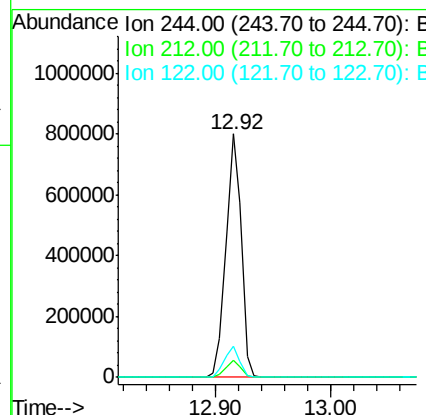
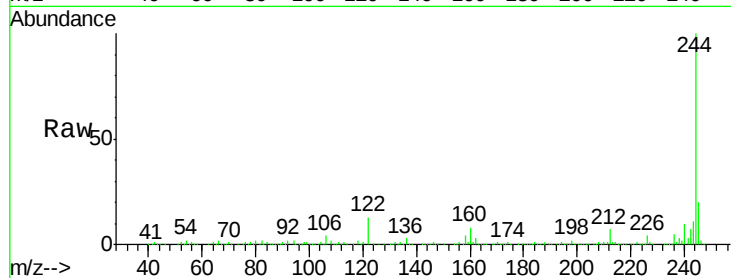
#78
 Terphenyl-d14
 Concen: 71.237 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104865.D
 Acq: 27 Apr 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-6 2.0-2.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.7	11.0	16.4

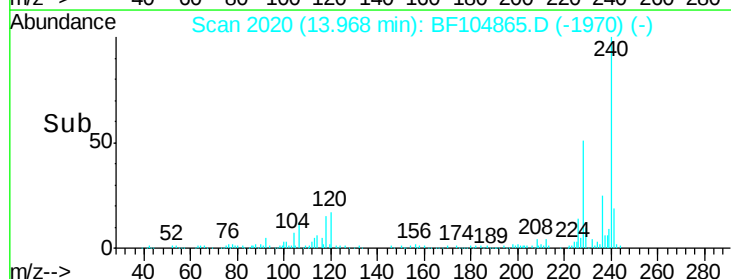
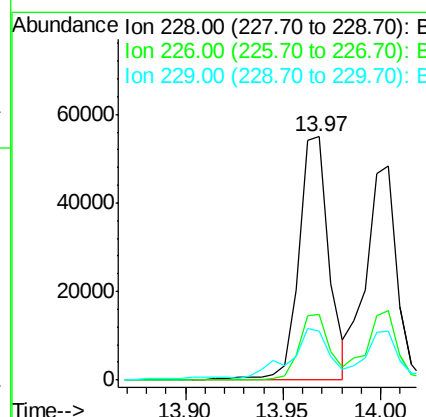
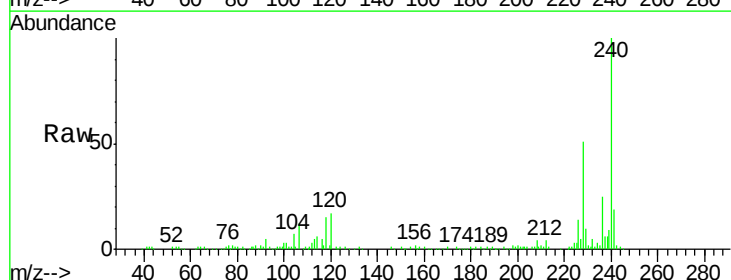
Manual Integrations
 APPROVED

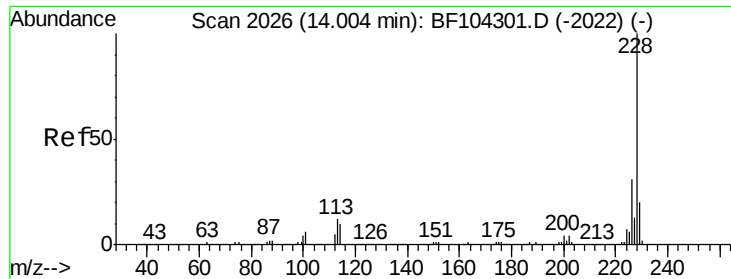
Sohil
 4/27/2018 6:59:38 PM



#80
 Benzo(a)anthracene
 Concen: 4.205 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104865.D
 Acq: 27 Apr 2018 6:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.2	15.8	23.6





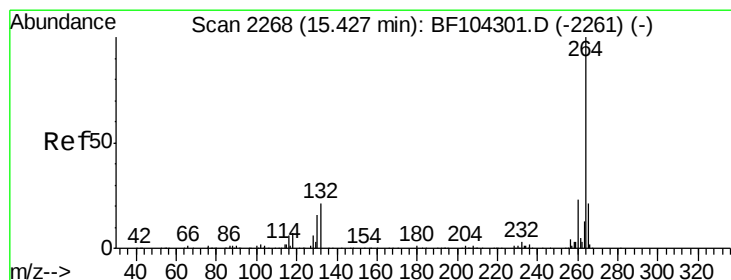
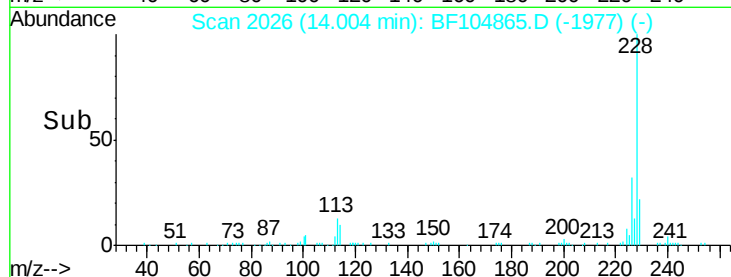
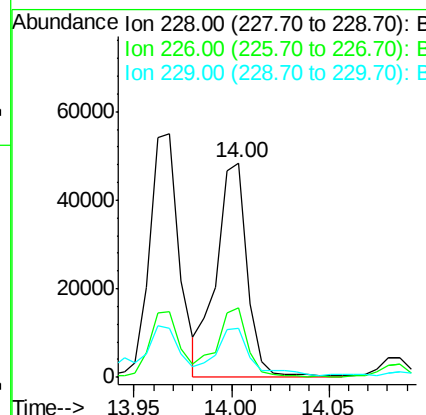
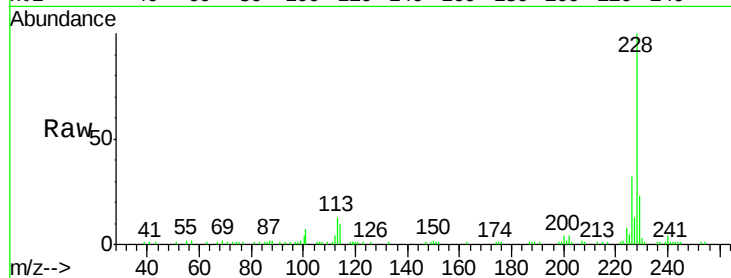
#82
Chrysene
Concen: 3.736 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :
TP-6 2.0-2.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	22.7	16.2	24.4

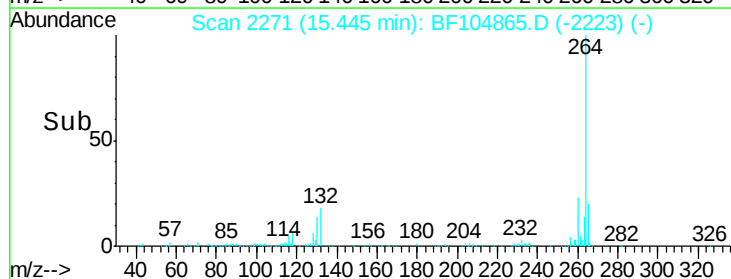
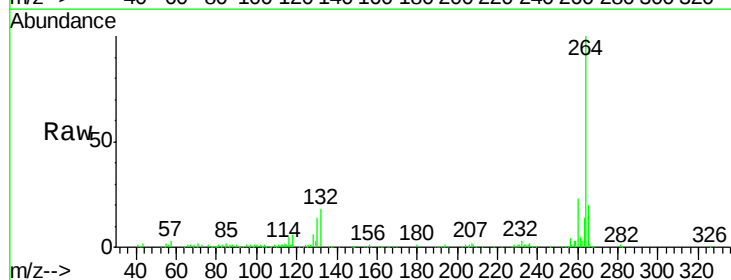
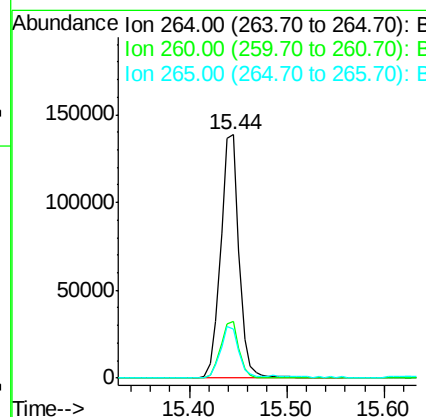
Manual Integrations
APPROVED

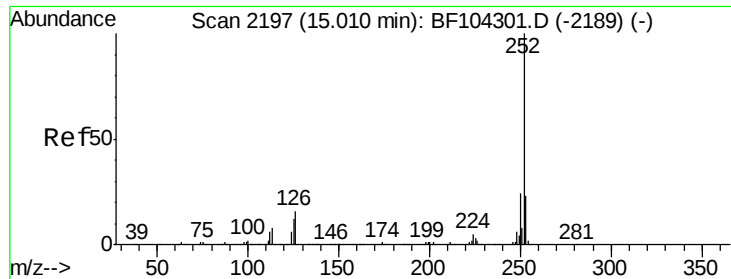
Sohil
4/27/2018 6:59:38 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.604 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Instrument :

BNA_F

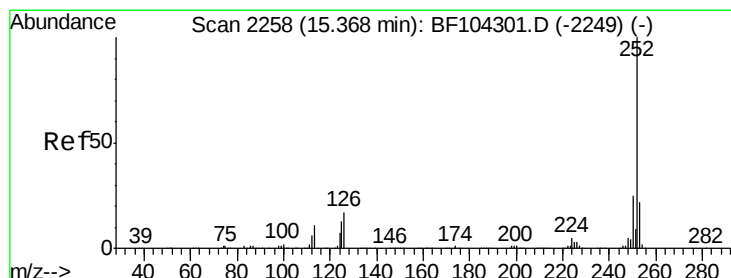
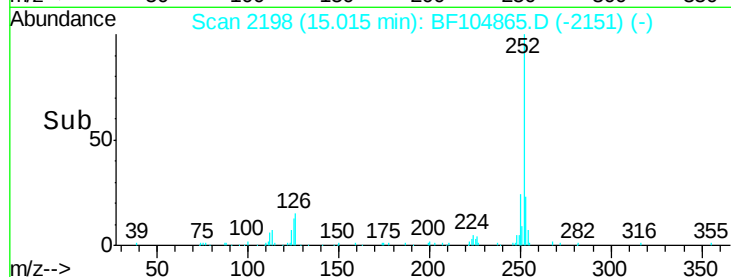
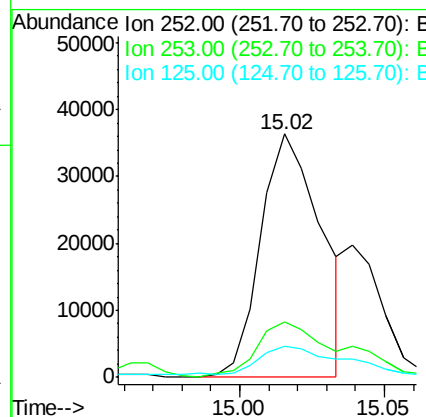
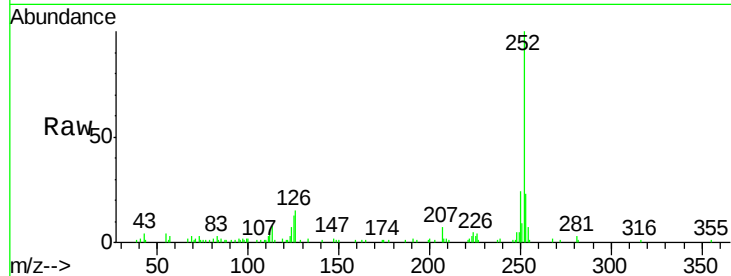
ClientSampleId :

TP-6 2.0-2.5

Tot Ion:	252	Resp:	52645
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	12.9	9.0	13.6

Manual Integrations
APPROVED

Sohil
4/27/2018 6:59:38 PM



#89

Benzo(a)pyrene

Concen: 3.530 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BF104865.D

Acq: 27 Apr 2018 6:31

Tgt Ion:	252	Resp:	36111
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.1	25.7
125	14.0	9.8	14.6

