

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104486.D
 Acq On : 13 Apr 2018 18:41
 Operator : JU/SJ
 Sample : J2152-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-041218

Manual Integrations
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Sohil
 4/16/2018 3:10:20 PM

Quant Time: Apr 13 23:21:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137053	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	534251	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	236198	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	367747	20.00	ng	0.00
75) Chrysene-d12	13.98	240	257576	20.00	ng	-0.01
86) Perylene-d12	15.45	264	209484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	490244	54.69	ng	0.00
7) Phenol-d6	6.44	99	596379	54.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	360550	44.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	126492	51.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	655252	43.82	ng	0.00
78) Terphenyl-d14	12.93	244	484569	42.89	ng	0.00
Target Compounds						
10) Phenol	6.45	94	23644	2.023	ng	88
49) Dimethylphthalate	9.56	163	101664	5.458	ng	99
70) Phenanthrene	11.36	178	143219	6.993	ng	98
74) Fluoranthene	12.55	202	137810	6.441	ng	97
77) Pyrene	12.78	202	117822	6.171	ng	99
80) Benzo(a)anthracene	13.97	228	54793	3.561	ng	98
82) Chrysene	14.01	228	55005	3.480	ng	97
87) Benzo(b)fluoranthene	15.02	252	56127m	4.242	ng	
89) Benzo(a)pyrene	15.39	252	36275	3.064	ng	98
91) Benzo(g,h,i)perylene	17.34	276	20143	2.138	ng	95

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

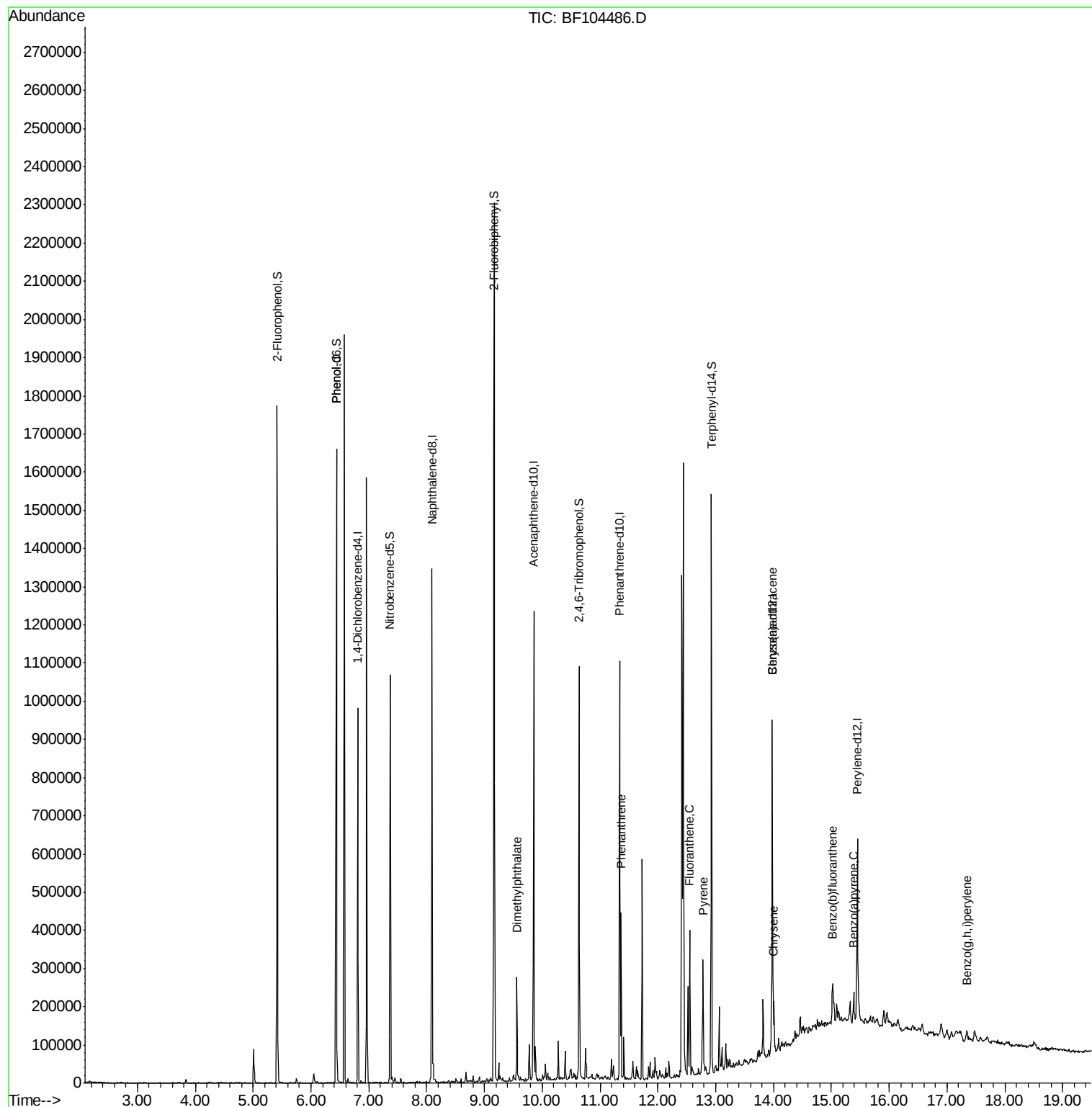
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104486.D
Acq On : 13 Apr 2018 18:41
Operator : JU/SJ
Sample : J2152-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

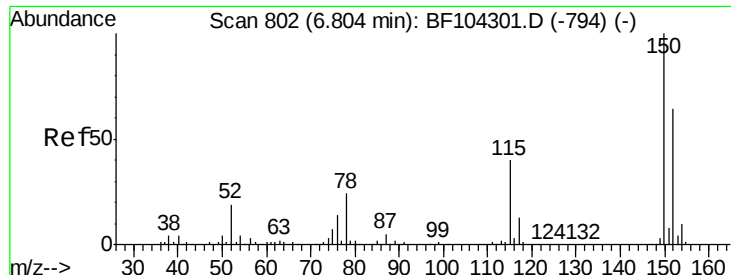
Instrument :
BNA_F
ClientSampleId :
BU-01-041218

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

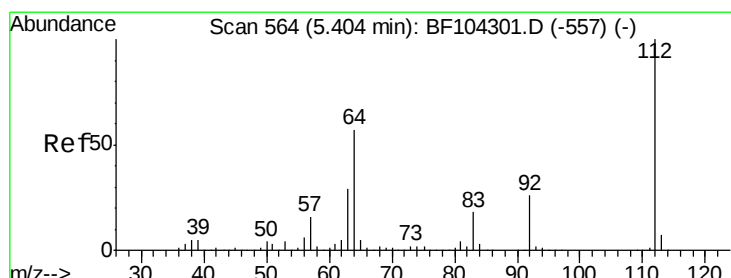
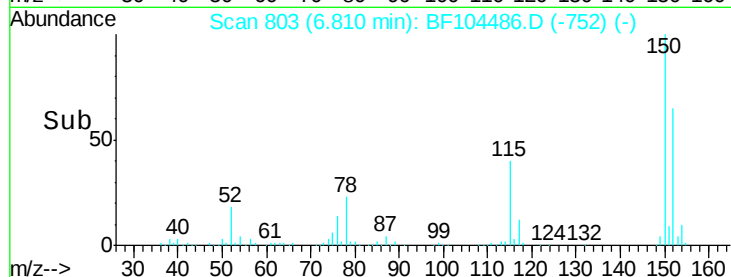
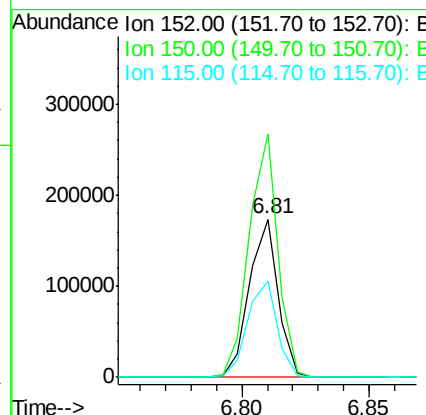
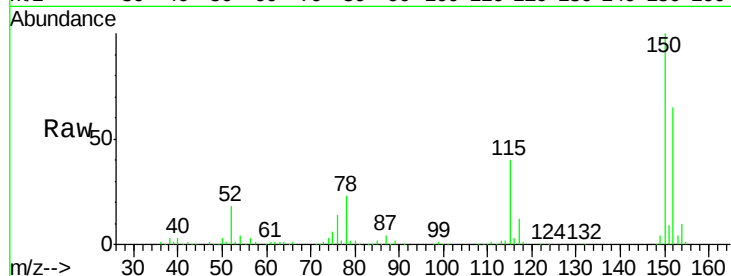
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104486.D
 Acq: 13 Apr 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-041218

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	60.7	50.1	75.1

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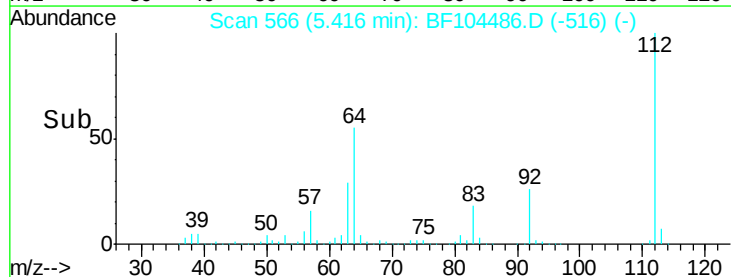
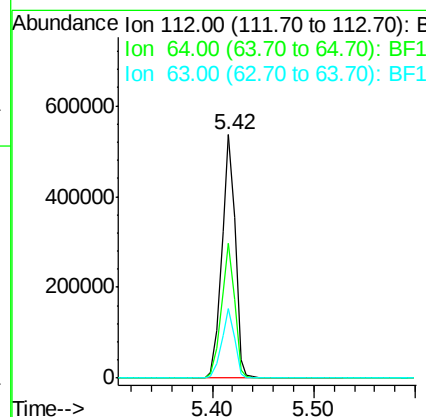
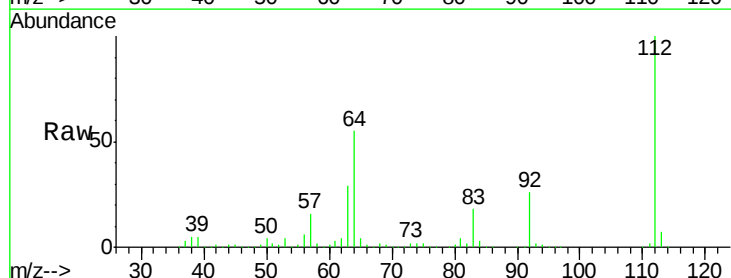
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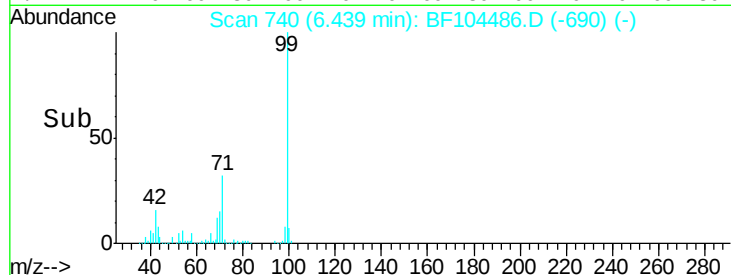
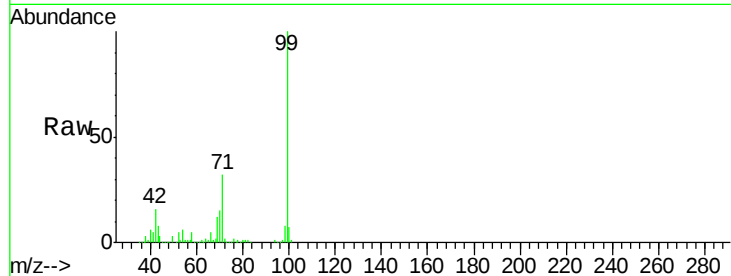


#5

2-Fluorophenol
 Concen: 54.695 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF104486.D
 Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 54.153 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104486.D

Acq: 13 Apr 2018 18:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		596379		
42	15.6	14.5	21.7		
71	32.1	25.4	38.0		

Instrument :

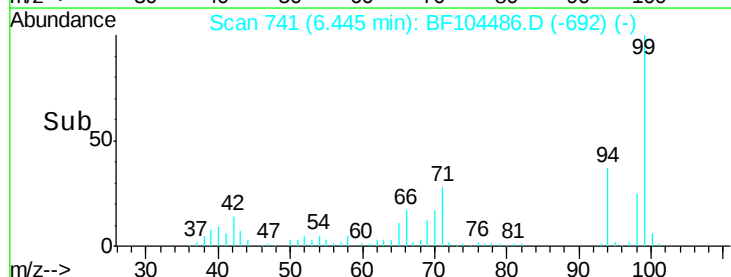
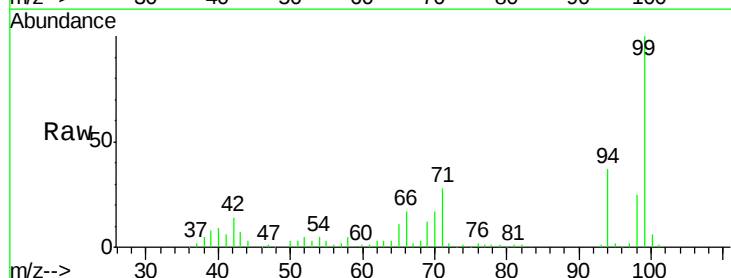
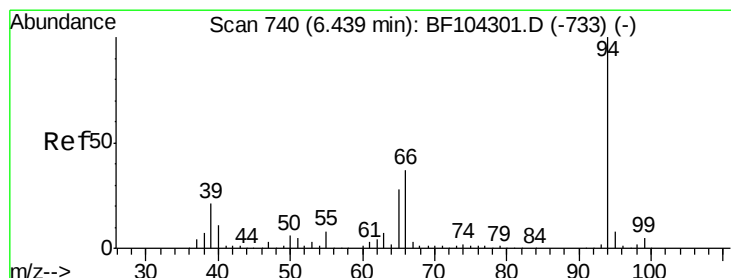
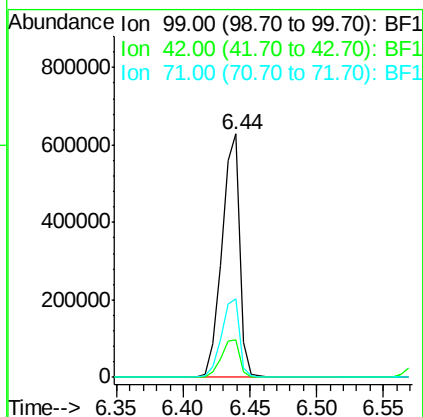
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.023 ng

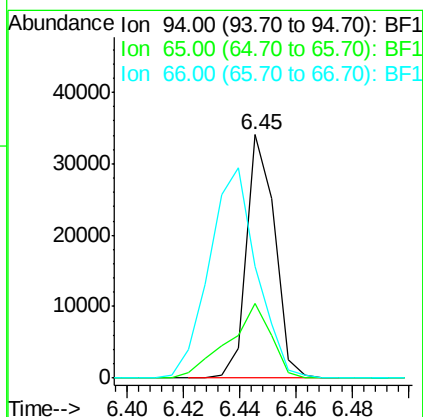
RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104486.D

Acq: 13 Apr 2018 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		23644		
65	30.9	7.9	47.9		
66	46.0	16.2	56.2		





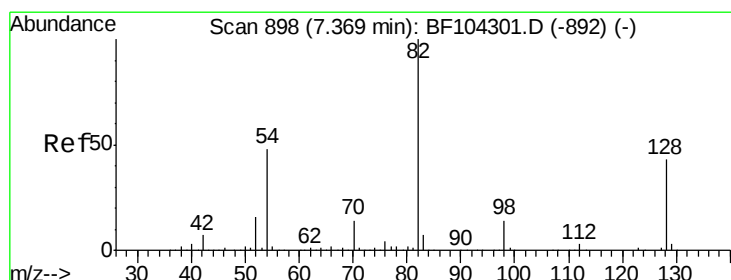
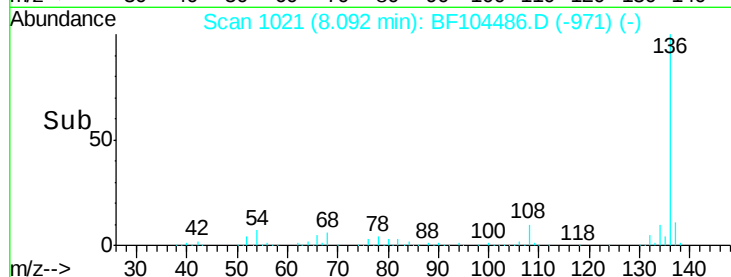
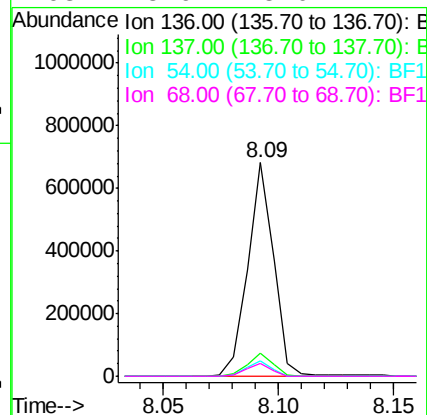
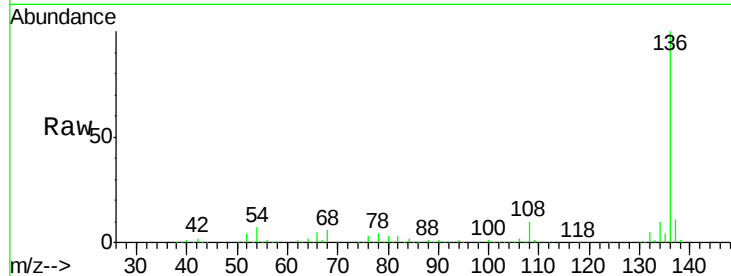
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.9	13.3	
54	7.1		6.6	9.8	
68	5.9		5.0	7.4	

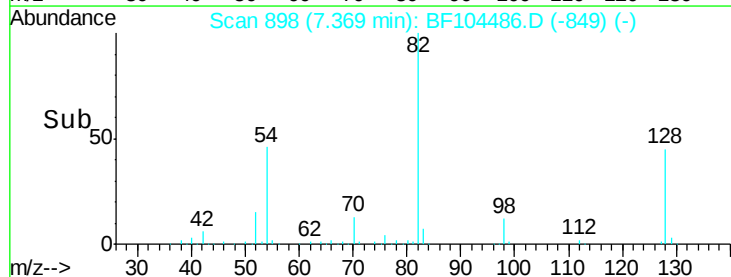
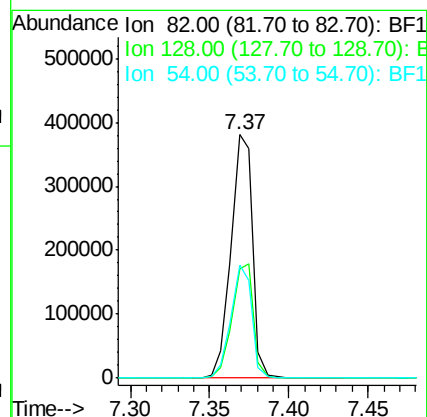
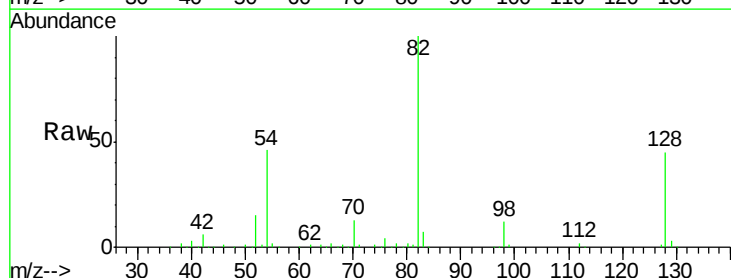
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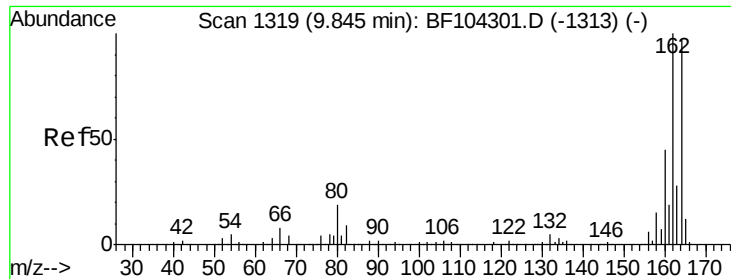
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#23
Nitrobenzene-d5
Concen: 44.068 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	44.7		36.1	54.1	
54	46.4		41.4	62.2	





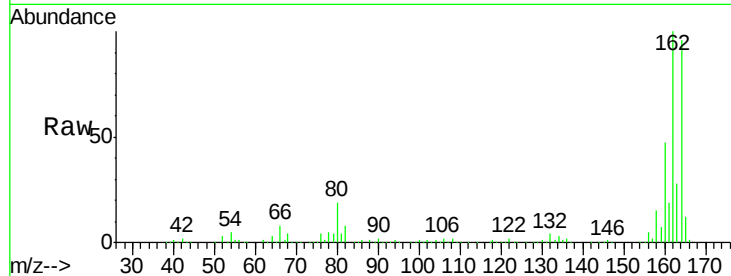
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104486.D
 Acq: 13 Apr 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-041218

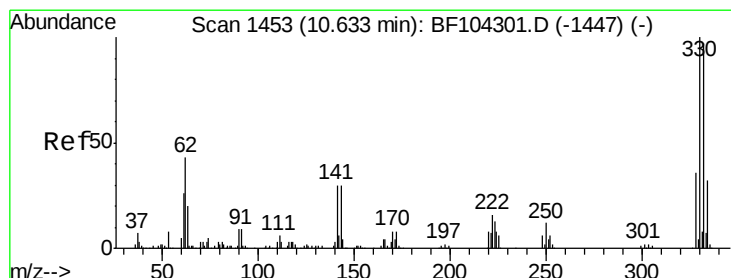
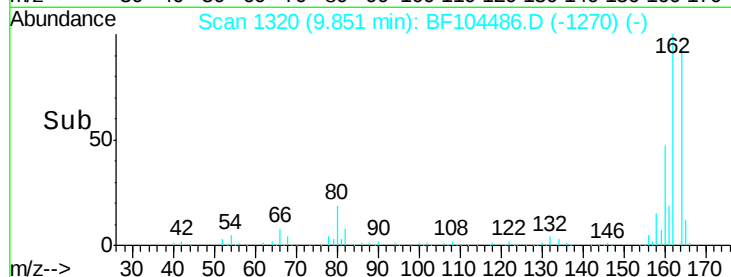
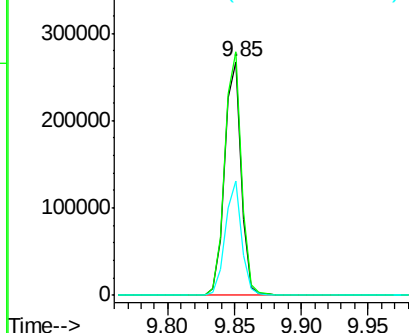
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	86.1	129.1	
160	48.9	38.3	57.5	

Manual Integrations
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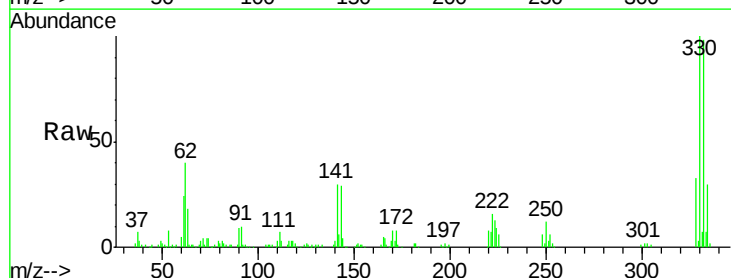


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

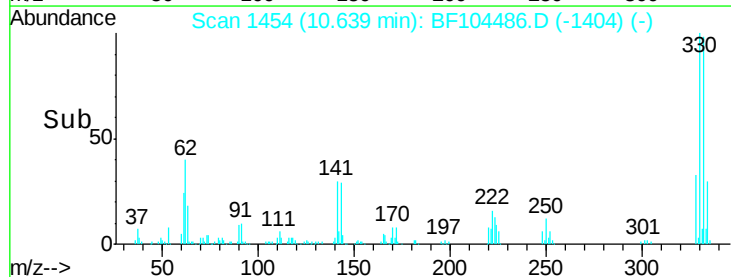
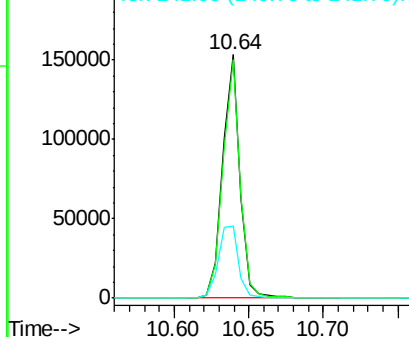


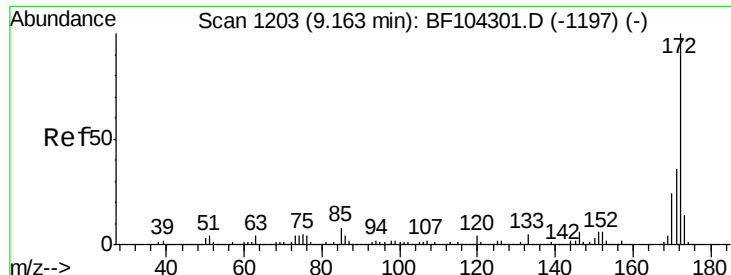
#41
 2,4,6-Tribromophenol
 Concen: 51.626 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104486.D
 Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	34.9	29.9	44.9	



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





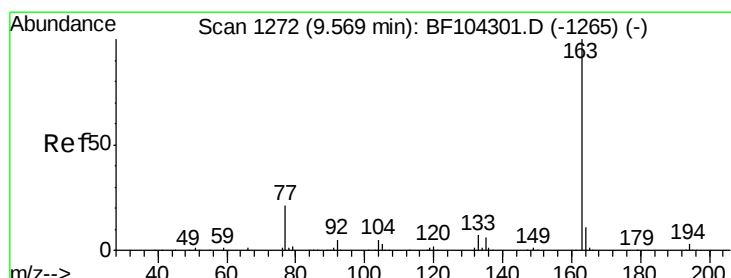
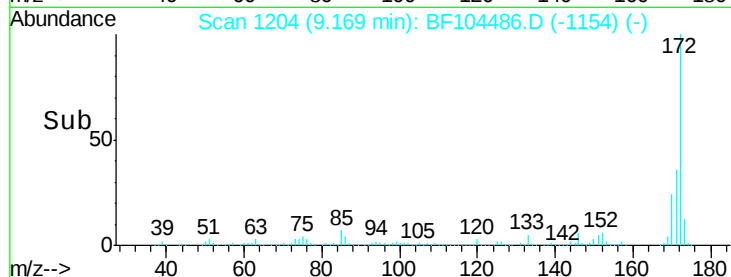
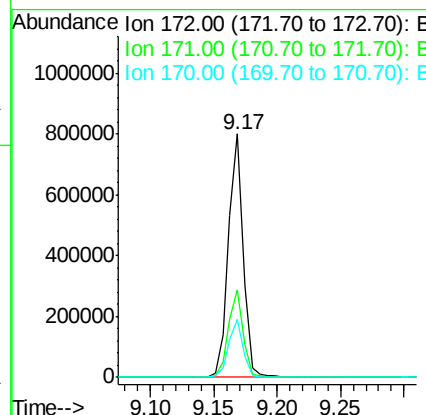
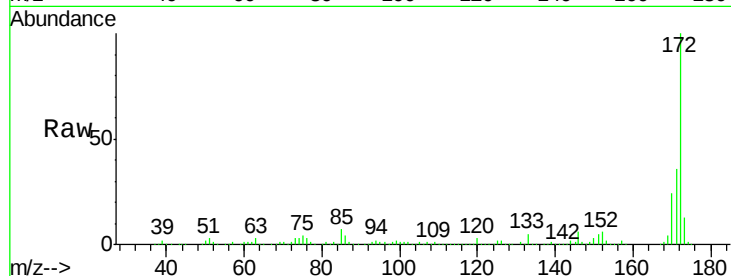
#44
2-Fluorobiphenyl
Concen: 43.825 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

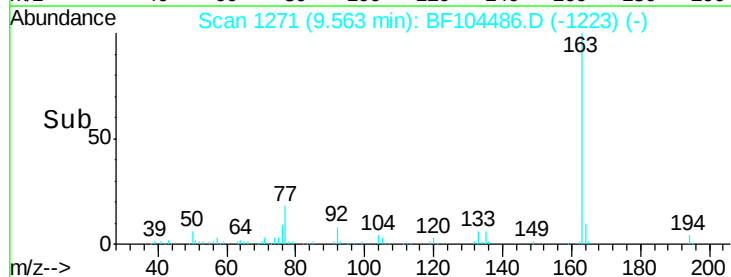
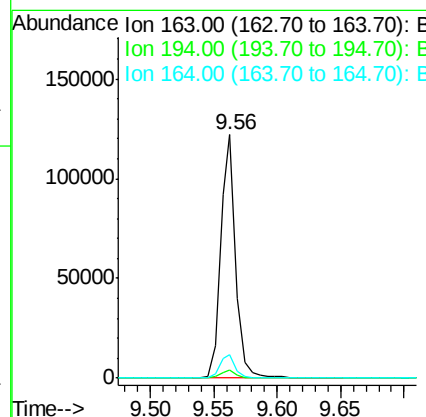
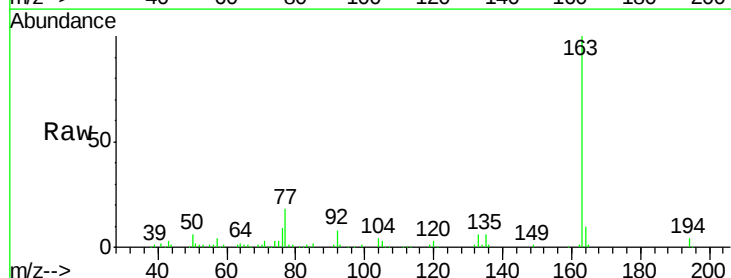
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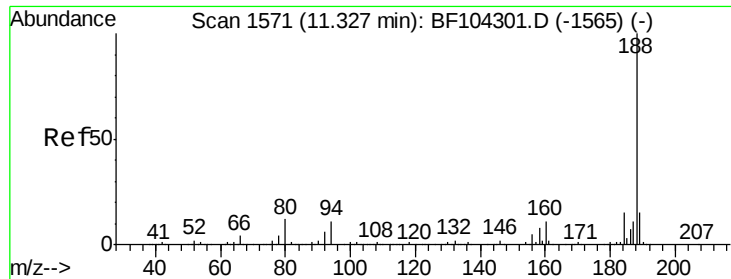
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#49
Dimethylphthalate
Concen: 5.458 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2





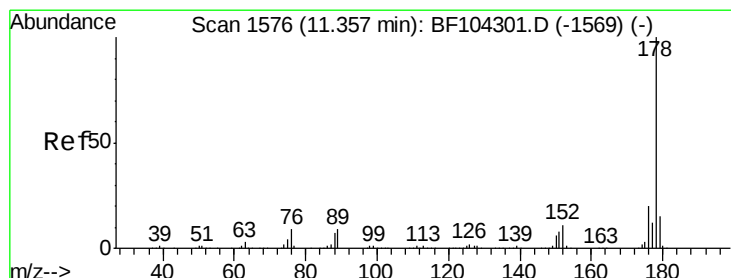
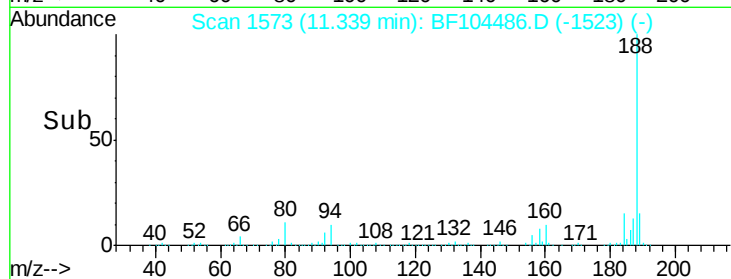
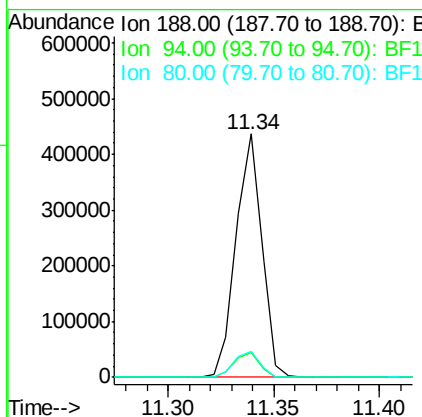
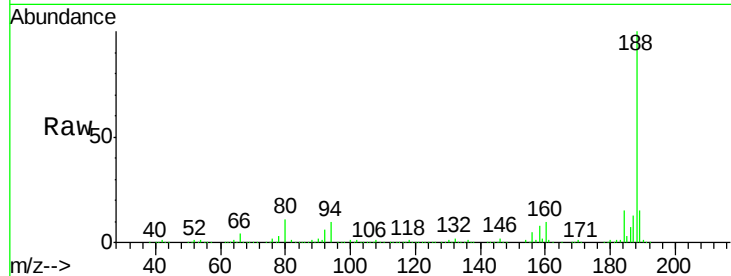
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.6	9.2	13.8

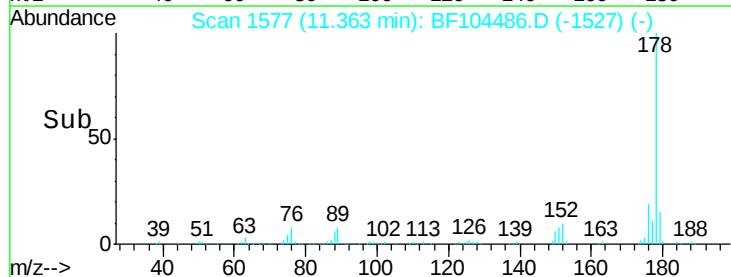
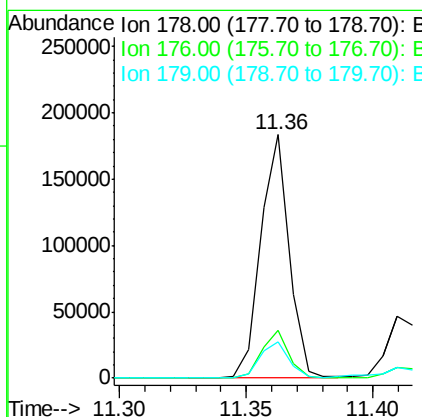
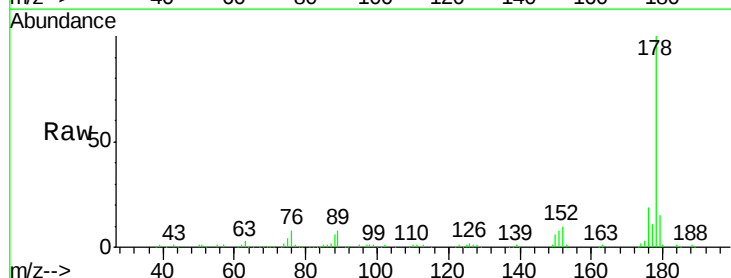
Manual Integrations
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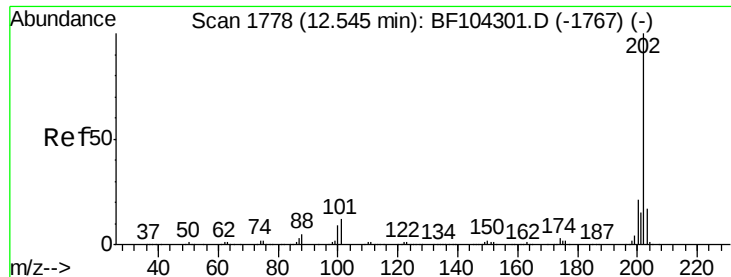
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#70
Phenanthrene
Concen: 6.993 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.1	13.0	19.6





#74

Fluoranthene

Concen: 6.441 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF104486.D

Acq: 13 Apr 2018 18:41

Instrument :

BNA_F

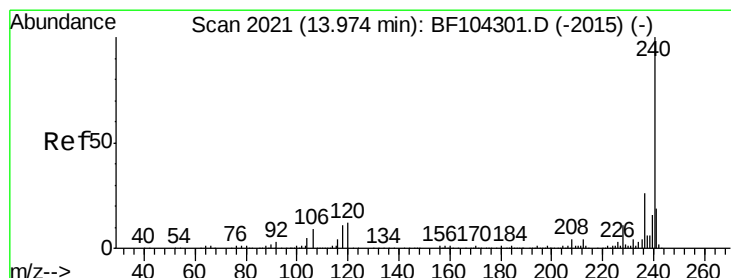
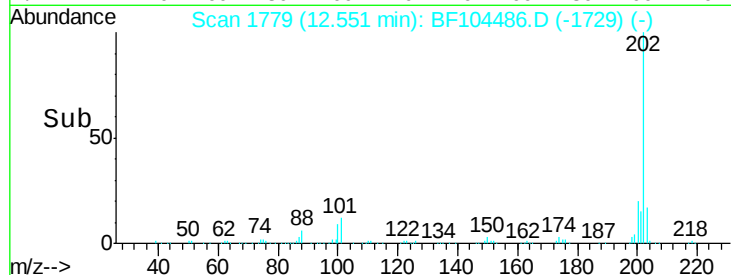
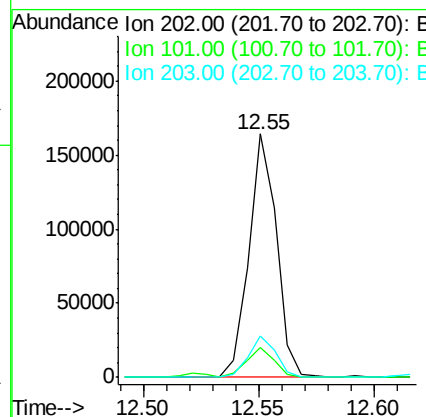
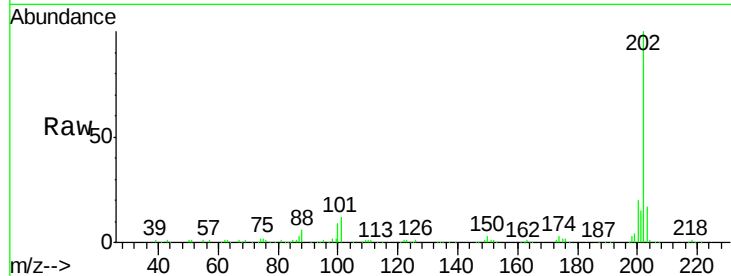
ClientSampleId :

BU-01-041218

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

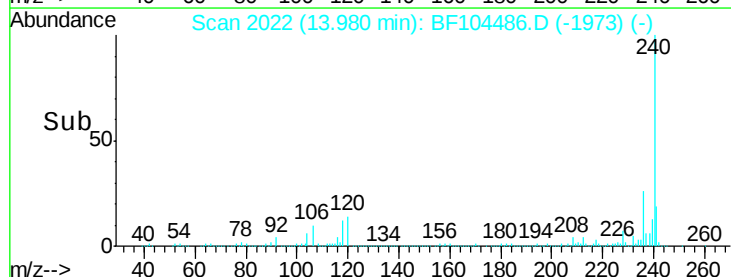
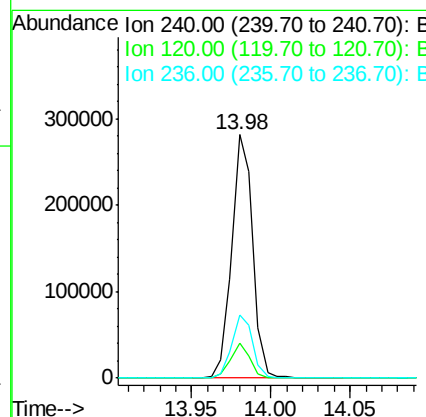
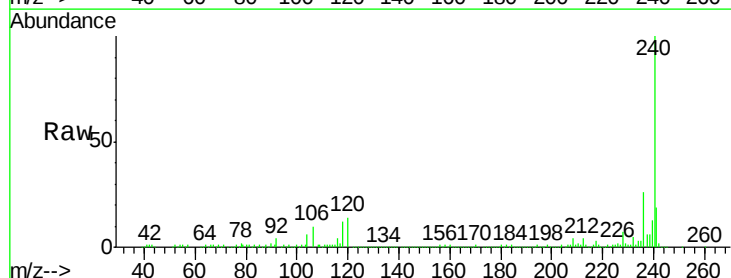
RT: 13.98 min Scan# 2022

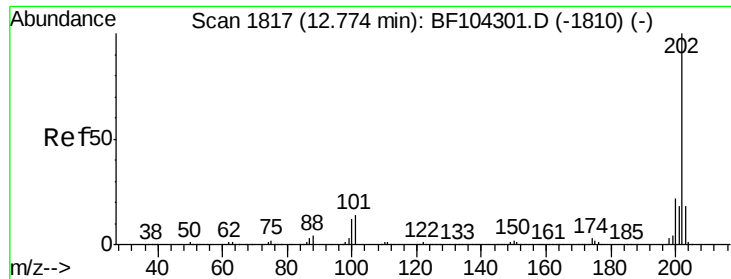
Delta R.T. -0.01 min

Lab File: BF104486.D

Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.1	20.7	31.1





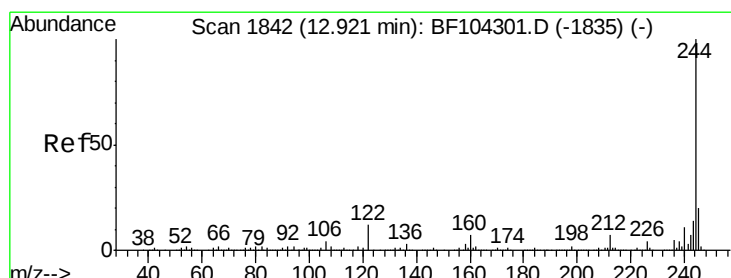
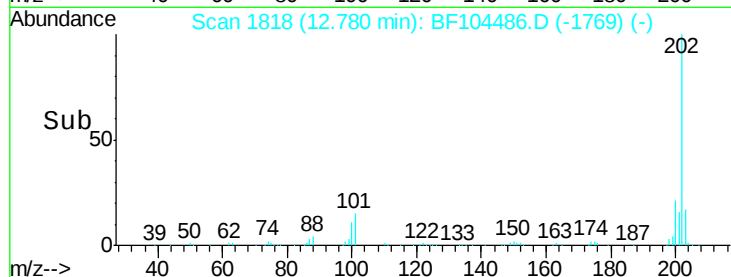
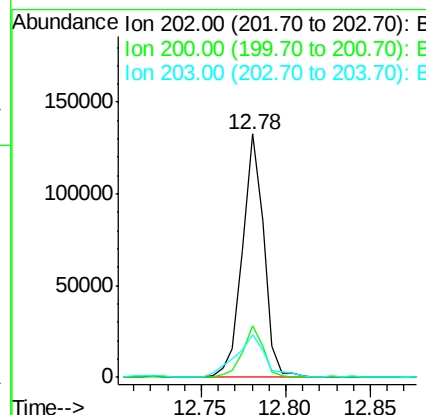
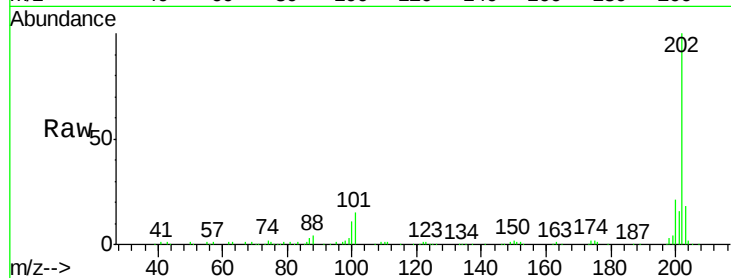
#77
Pvrene
Concen: 6.171 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ratio	Resp	Lower	Upper
202	100	117822		
200	21.1		17.4	26.2
203	17.7		14.3	21.5

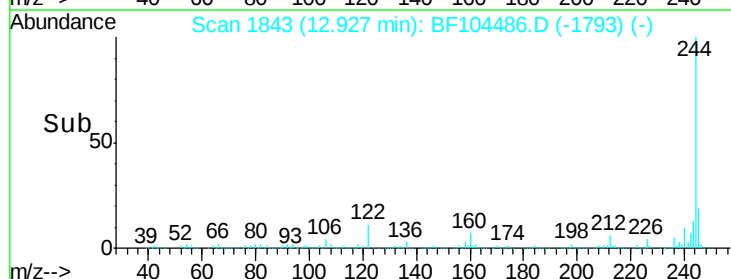
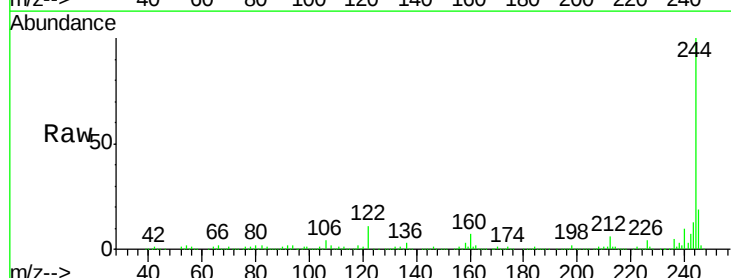
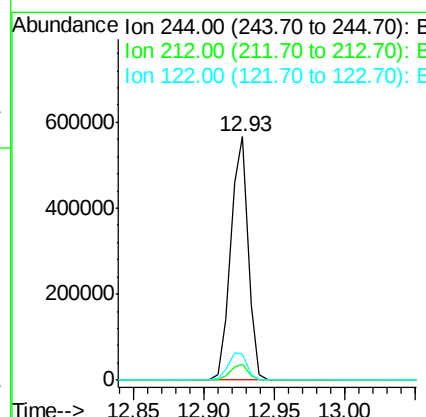
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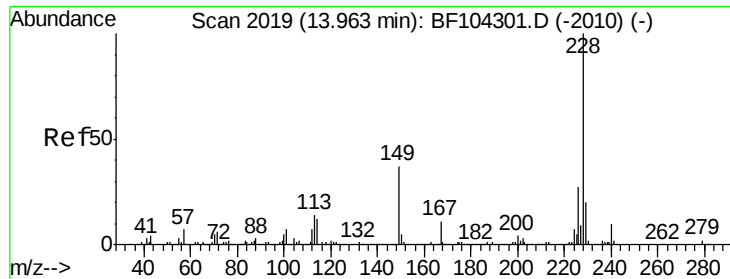
Sohil
4/16/2018 3:10:20 PM



#78
Terphenyl-d14
Concen: 42.890 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	484569		
212	6.4		5.4	8.0
122	10.9		11.0	16.4#





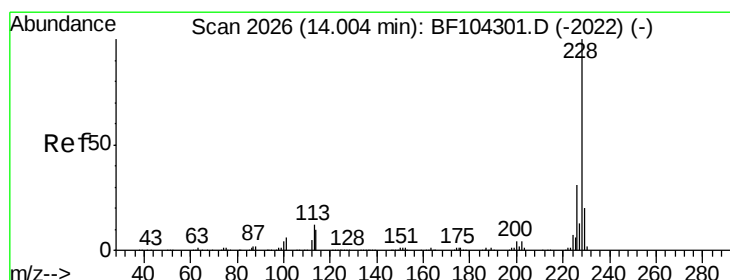
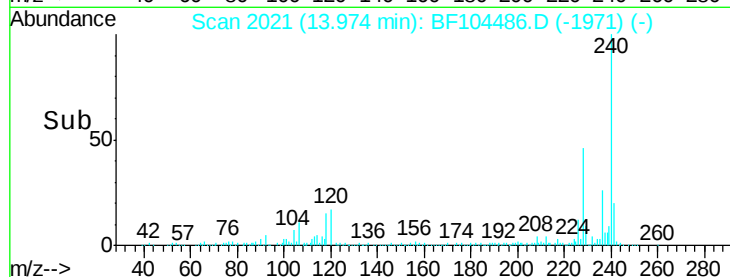
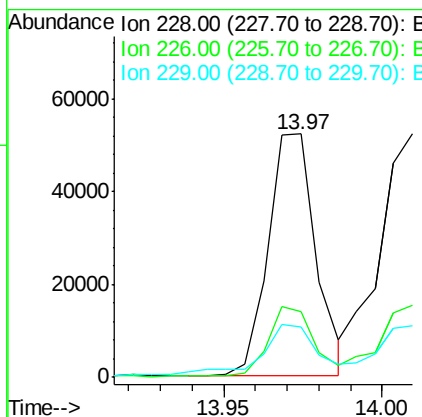
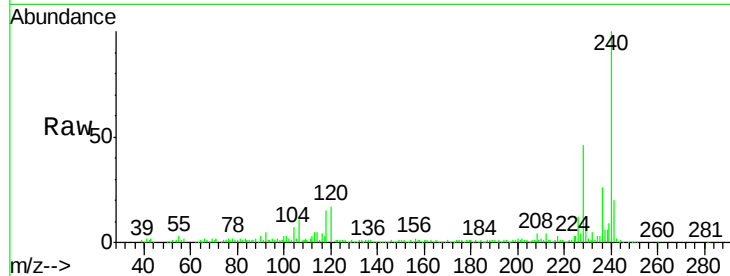
#80
Benzo(a)anthracene
Concen: 3.561 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.6	15.8	23.6

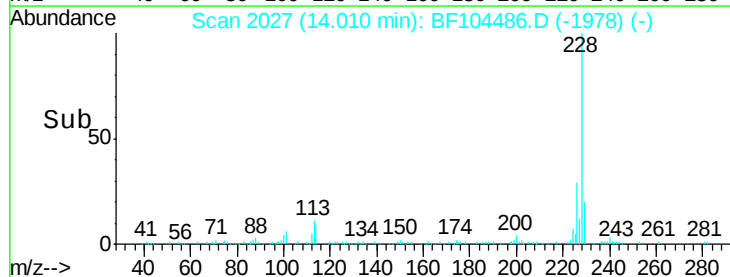
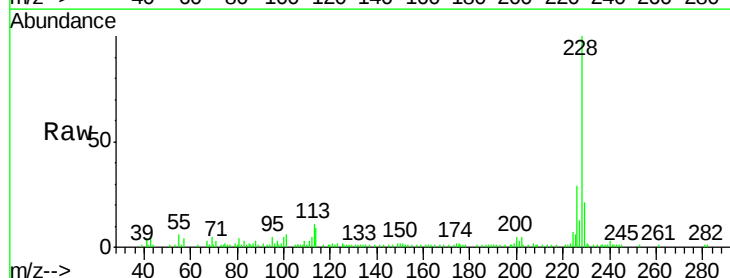
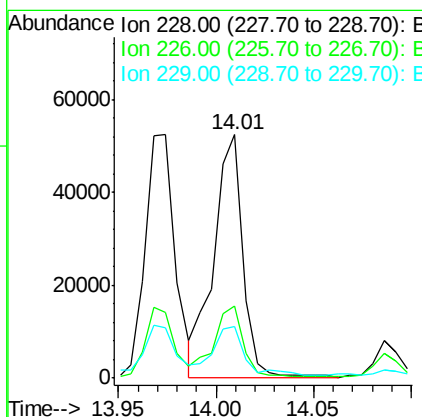
Manual Integrations
APPROVED

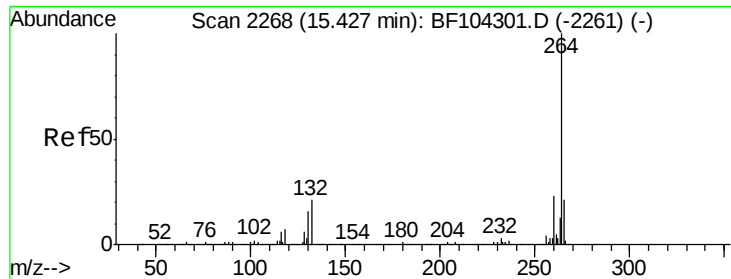
Sohil
4/16/2018 3:10:20 PM



#82
Chrysene
Concen: 3.480 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.1	16.2	24.4





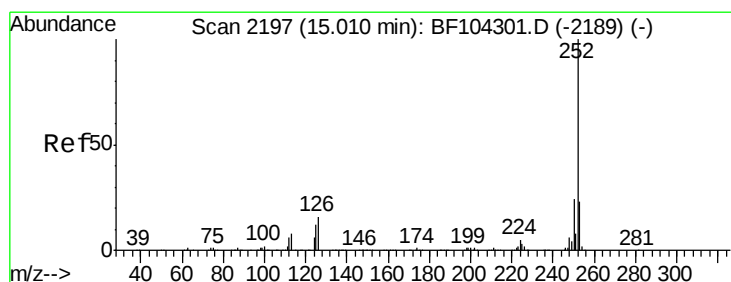
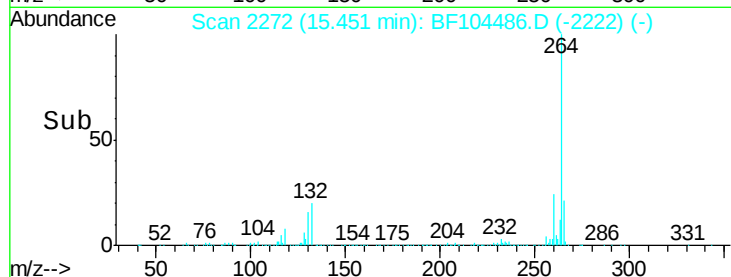
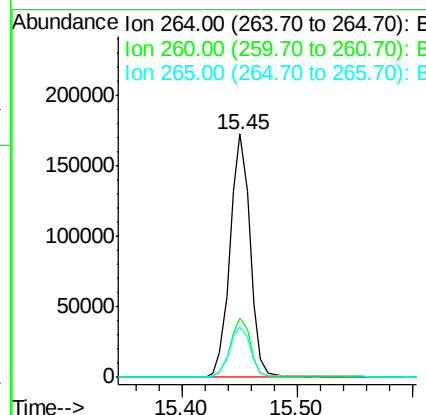
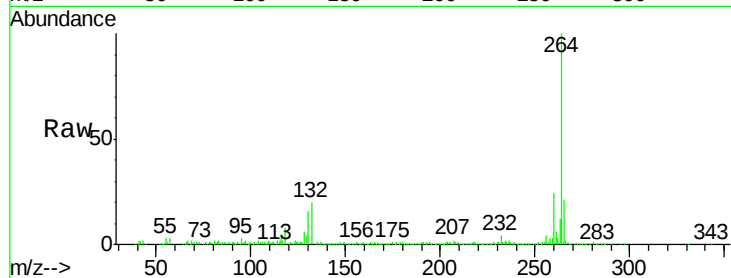
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.9	17.5	26.3

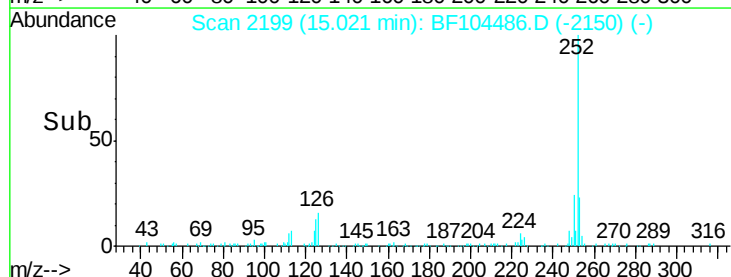
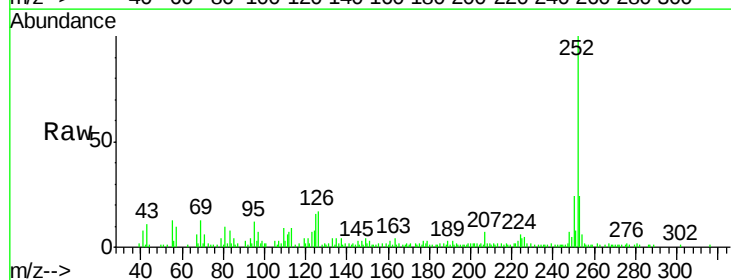
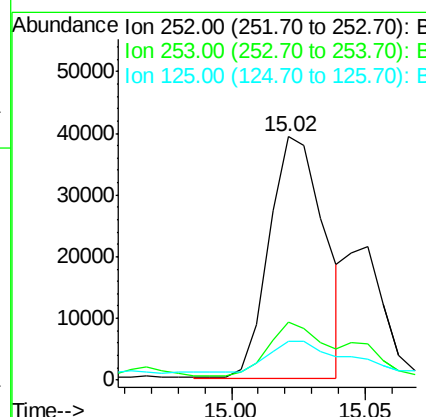
Manual Integrations
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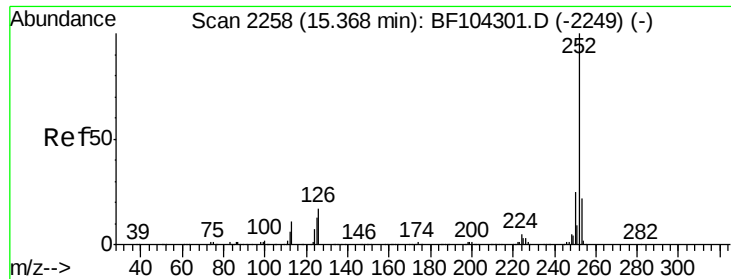
Sohil
4/16/2018 3:10:20 PM



#87
Benzo(b)fluoranthene
Concen: 4.242 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	15.9	9.0	13.6





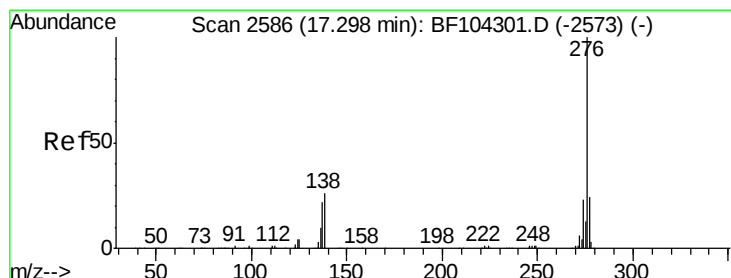
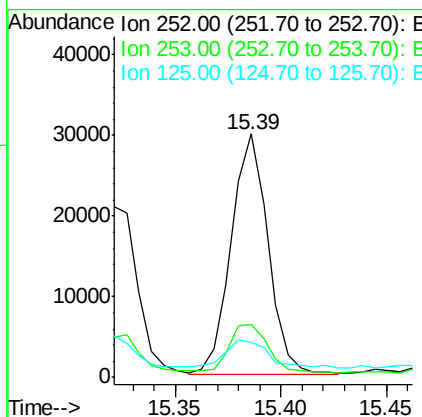
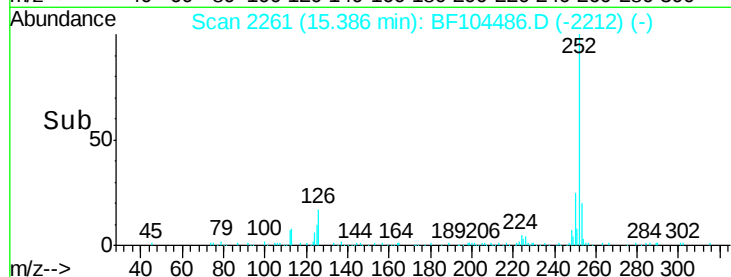
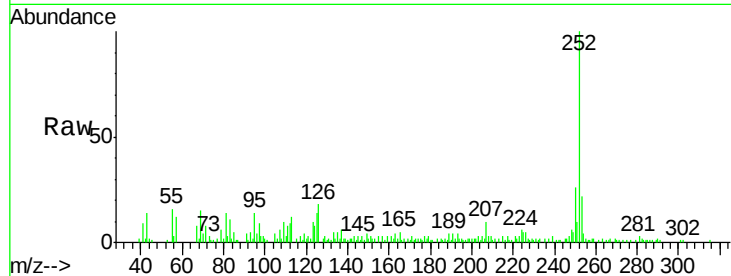
#89
Benzo(a)pyrene
Concen: 3.064 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :
BU-01-041218

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
4/16/2018 3:10:20 PM



#91
Benzo(g,h,i)perylene
Concen: 2.138 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.02 min
Lab File: BF104486.D
Acq: 13 Apr 2018 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	24.6	21.8	32.8

