

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103963.D
 Acq On : 27 Mar 2018 9:00
 Operator : JU/SJ
 Sample : J2040-05 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-3

Manual Integrations
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Sohil
 3/27/2018 2:16:25 PM

Quant Time: Mar 27 12:56:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126171	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	498484	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	217382	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	349591	20.00	ng	0.00
75) Chrysene-d12	14.16	240	248197	20.00	ng	0.00
86) Perylene-d12	15.70	264	231158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	82009	9.89	ng	0.00
7) Phenol-d6	6.59	99	103766	10.22	ng	-0.01
23) Nitrobenzene-d5	7.53	82	57967	8.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	19501	10.43	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	127096	9.33	ng	0.00
78) Terphenyl-d14	13.09	244	102697	9.60	ng	0.00
Target Compounds						
70) Phenanthrene	11.53	178	152364	7.967	ng	98
71) Anthracene	11.58	178	45767	2.356	ng	99
74) Fluoranthene	12.73	202	179834	9.128	ng	97
77) Pyrene	12.96	202	140388	7.702	ng	99
80) Benzo(a)anthracene	14.15	228	71040	4.522	ng	99
82) Chrysene	14.19	228	55026	3.674	ng	97
87) Benzo(b)fluoranthene	15.24	252	66773m	4.572	ng	
89) Benzo(a)pyrene	15.63	252	42196	3.186	ng	# 97

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

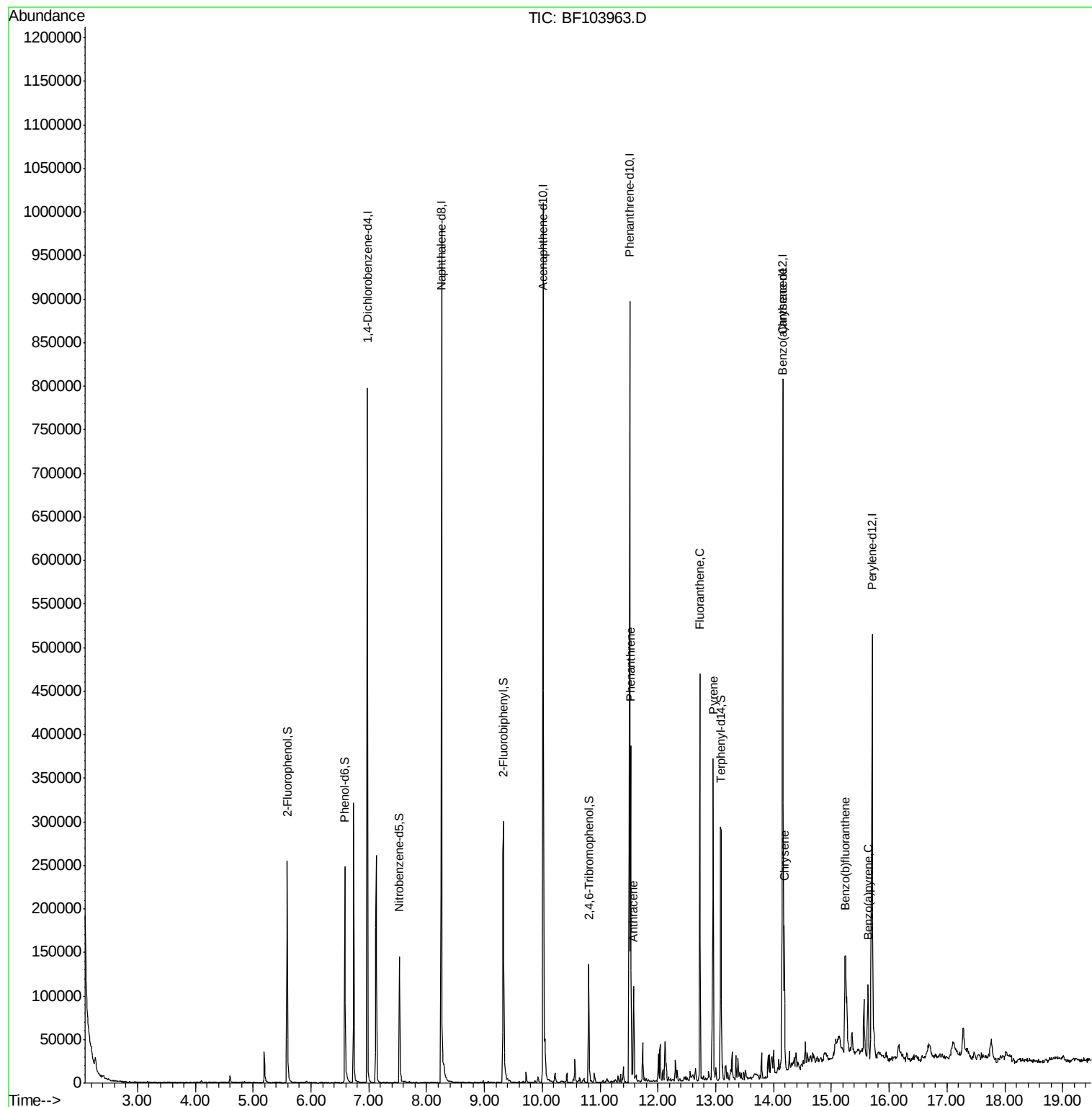
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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Acq On : 27 Mar 2018 9:00
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Sample : J2040-05 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

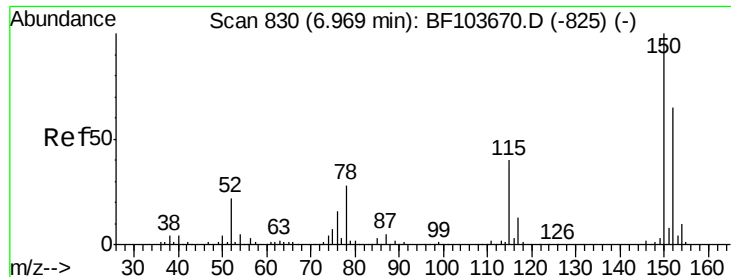
Instrument :
BNA_F
ClientSampled :
MS-3

Manual Integrations
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Quant Time: Mar 27 12:56:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

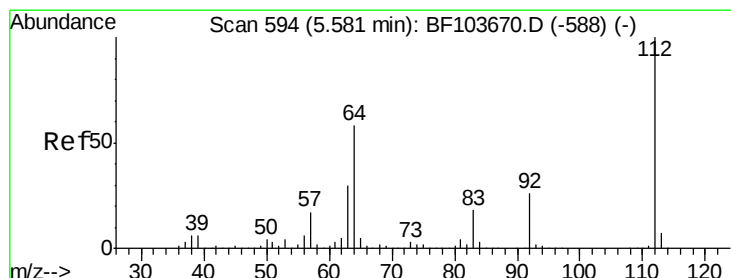
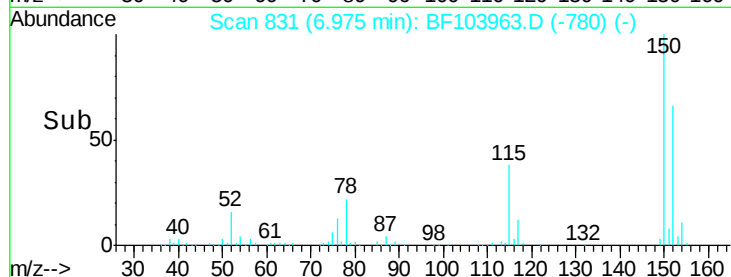
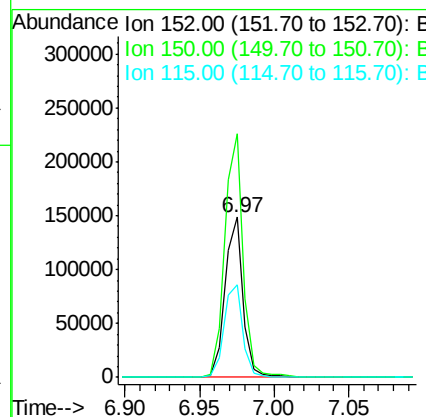
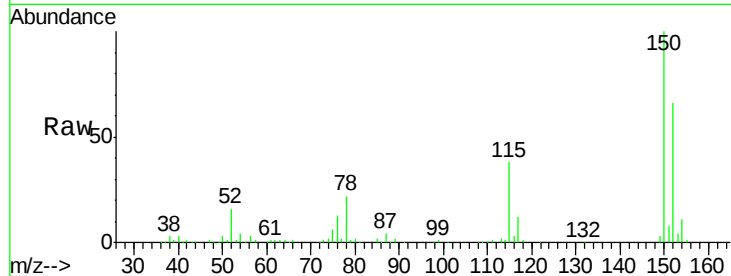
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampled :
MS-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	57.7	50.1	75.1

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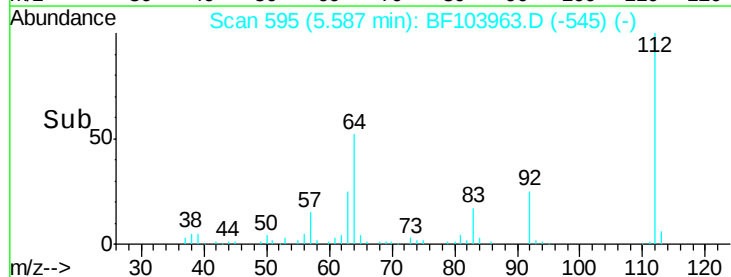
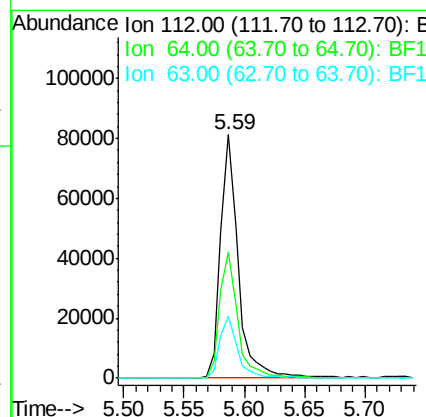
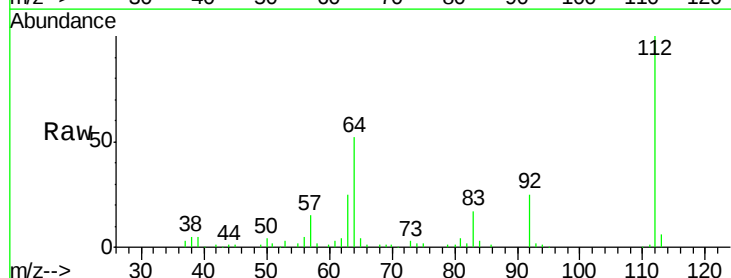
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#5

2-Fluorophenol
Concen: 9.886 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	25.3	23.7	35.5





#7

Phenol-d6

Concen: 10.225 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103963.D

Acq: 27 Mar 2018 9:00

Instrument :

BNA_F

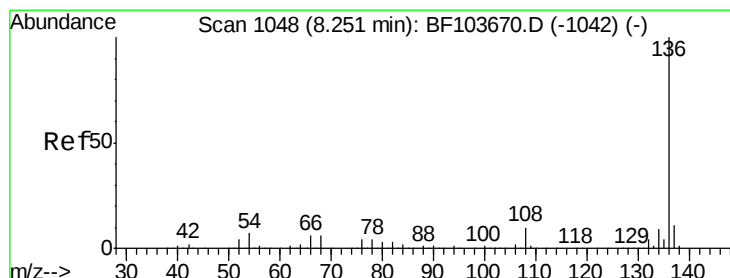
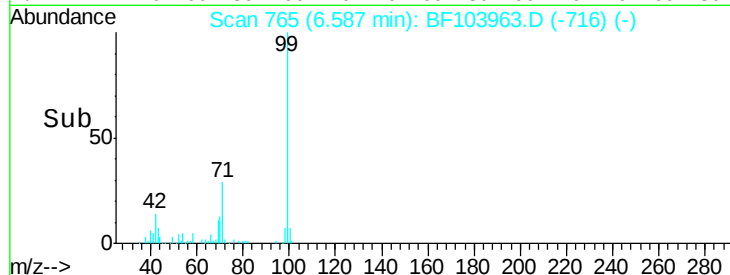
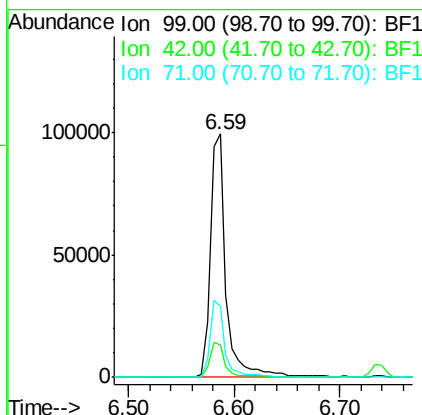
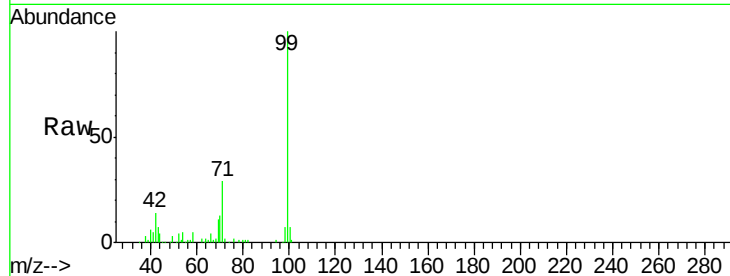
ClientSampled :

MS-3

Tot Ion:	99	Resp:	103766
Ion Ratio	Lower	Upper	
99	100		
42	13.6	14.5	21.7#
71	29.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

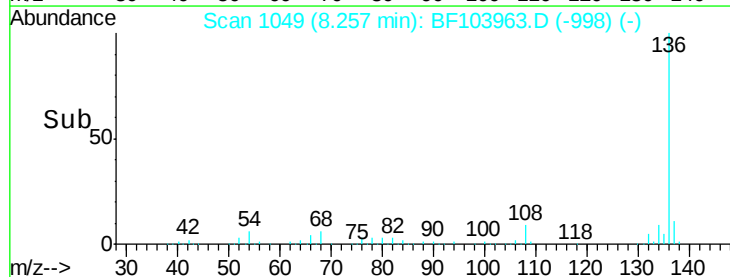
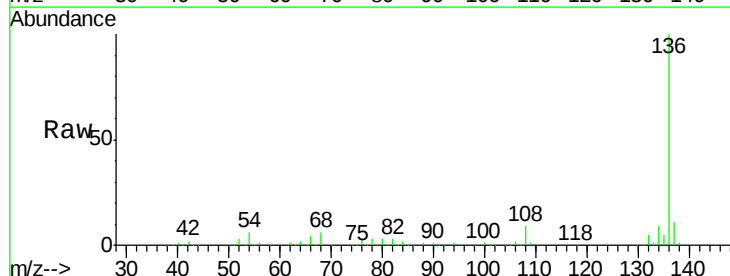
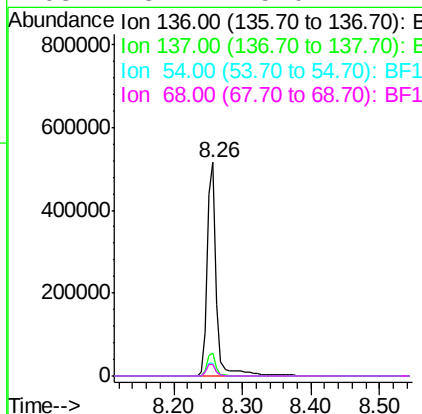
RT: 8.26 min Scan# 1049

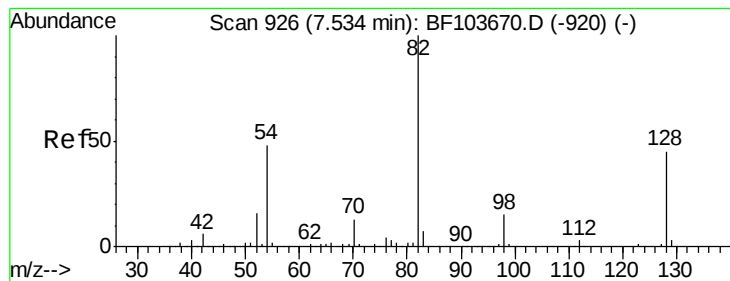
Delta R.T. -0.00 min

Lab File: BF103963.D

Acq: 27 Mar 2018 9:00

Tgt Ion:	136	Resp:	498484
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 8.109 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103963.D

Acq: 27 Mar 2018 9:00

Instrument :

BNA_F

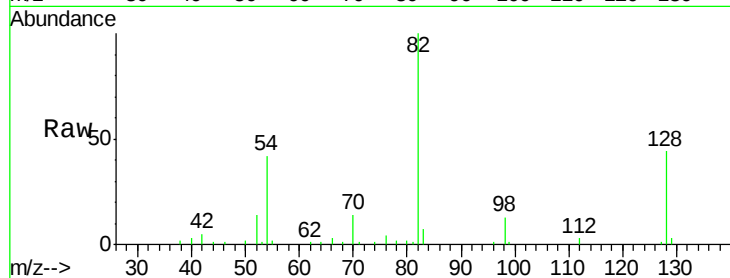
ClientSampled :

MS-3

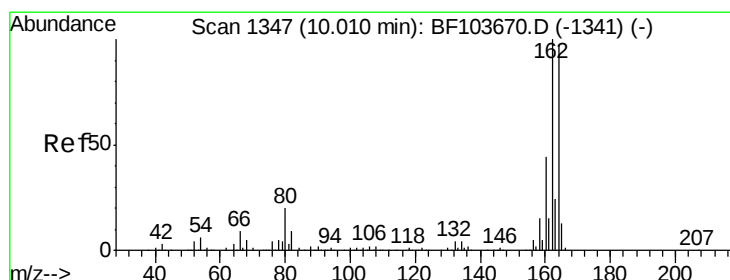
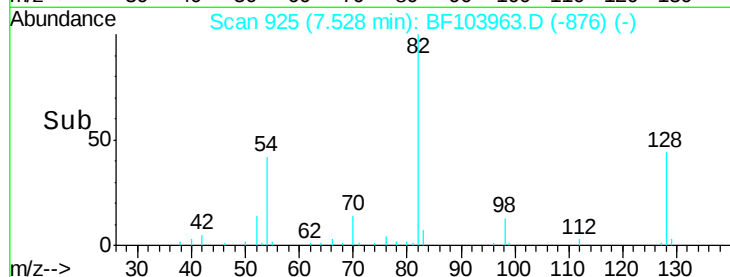
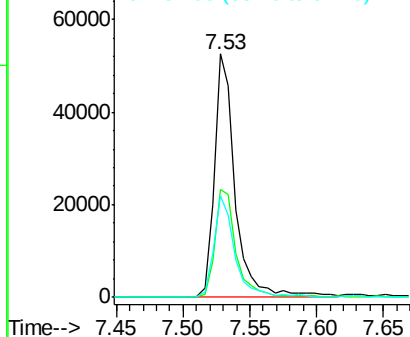
Tot Ion:	82	Resp:	57967
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	41.9	41.4	62.2

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



#38

Acenaphthene-d10

Concen: 20.000 ng

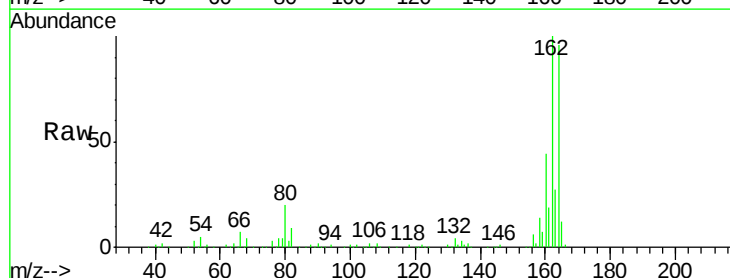
RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

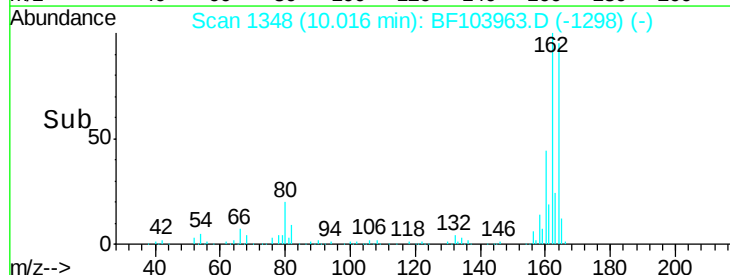
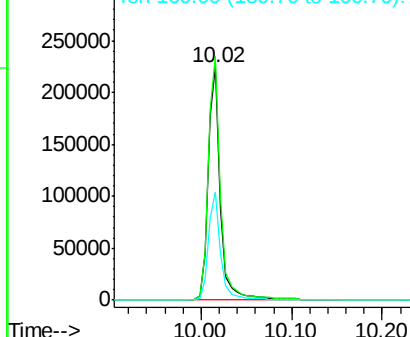
Lab File: BF103963.D

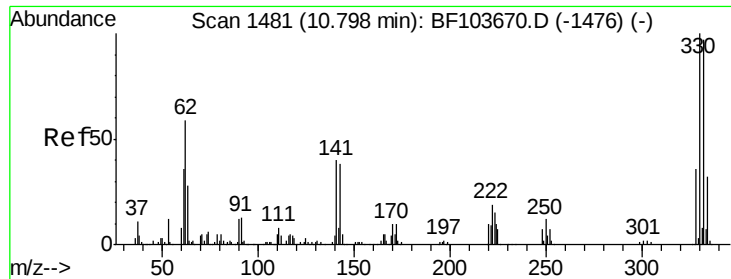
Acq: 27 Mar 2018 9:00

Tgt Ion:	164	Resp:	217382
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.4	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





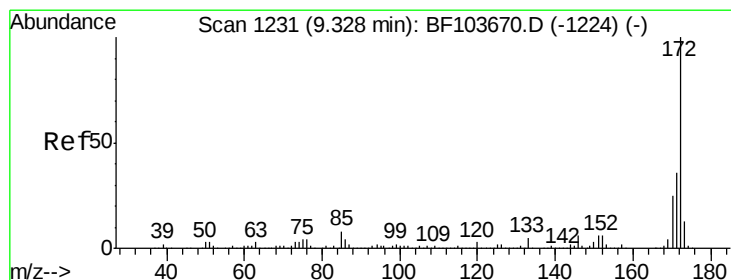
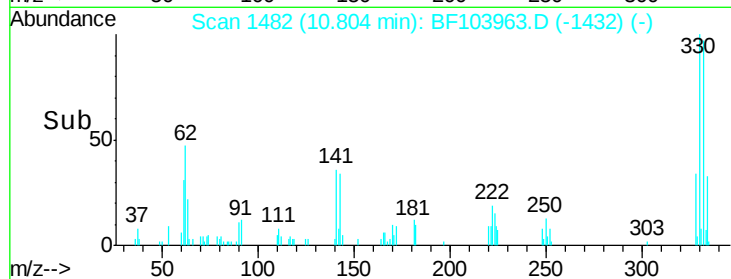
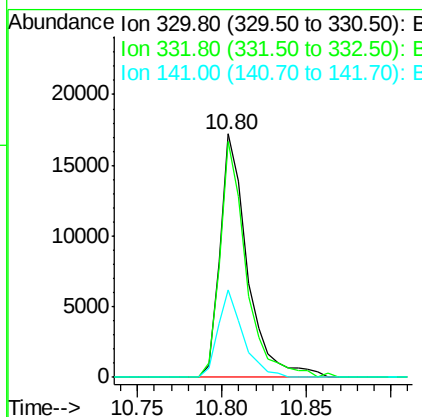
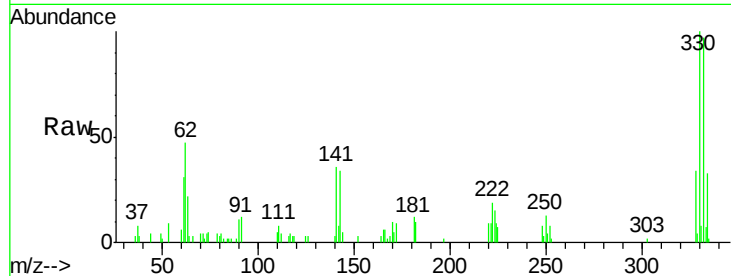
#41
 2,4,6-Tribromophenol
 Concen: 10.434 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Instrument :
 BNA_F
 ClientSampled :
 MS-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	19501		
332	92.4		77.0	115.6
141	33.1		29.9	44.9

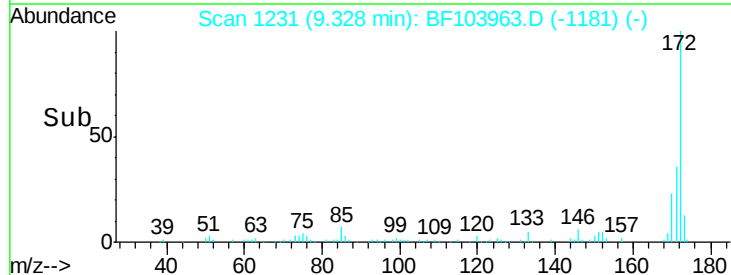
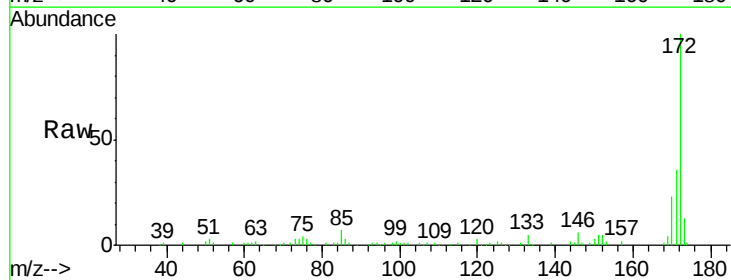
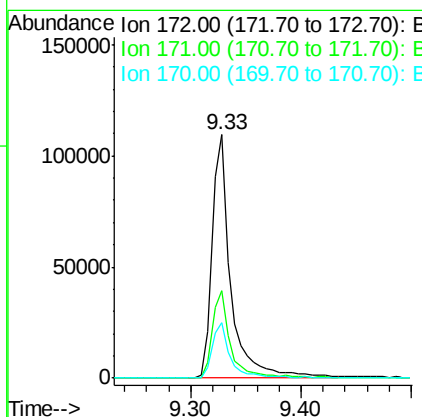
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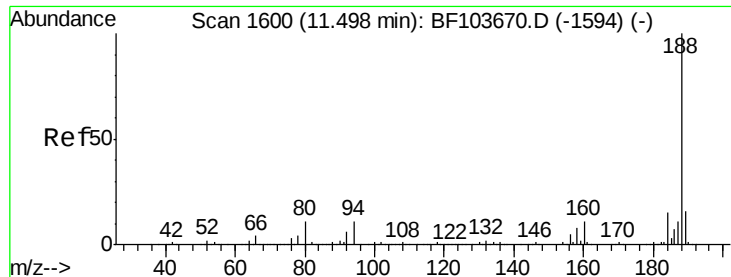
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#44
 2-Fluorobiphenyl
 Concen: 9.326 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	127096		
171	36.1		29.7	44.5
170	22.6		19.6	29.4





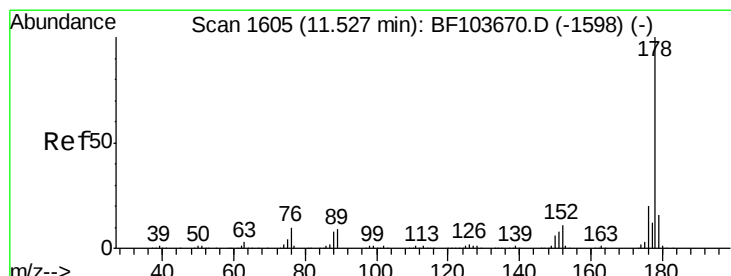
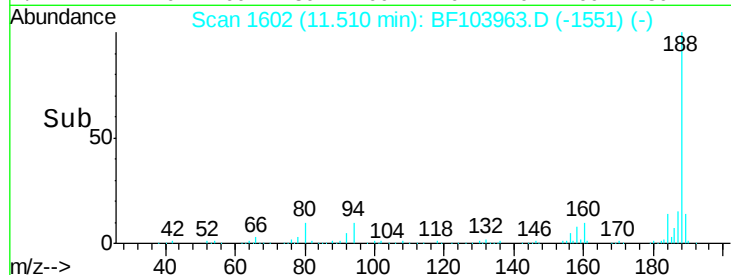
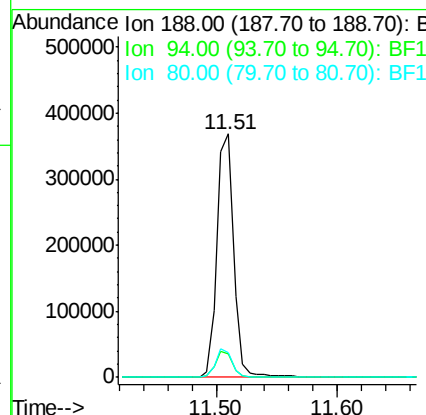
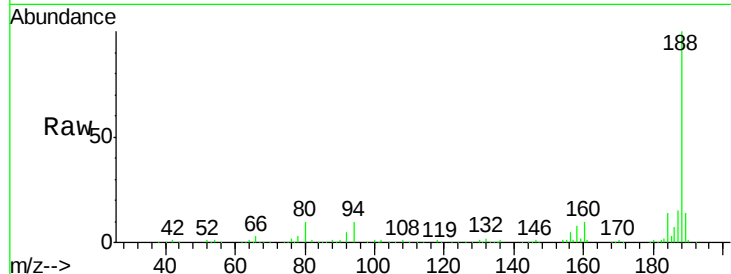
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
MS-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	349591		
94	9.7	8.5	12.7	
80	10.1	9.2	13.8	

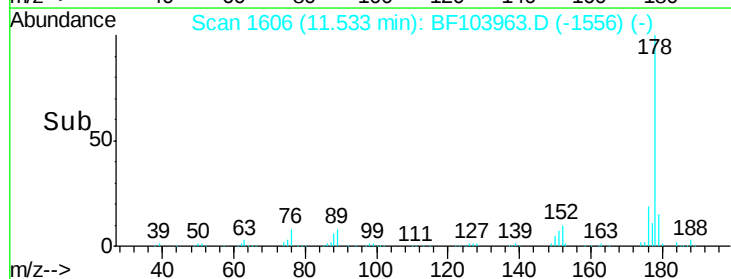
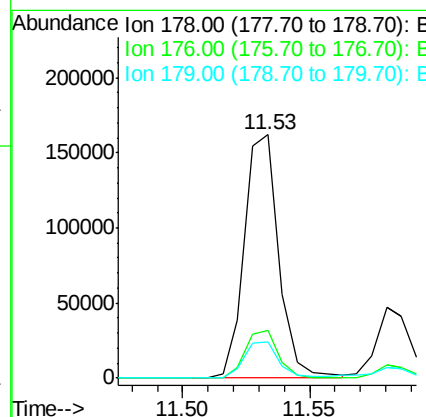
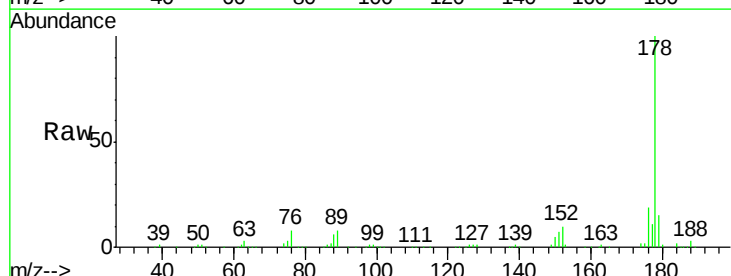
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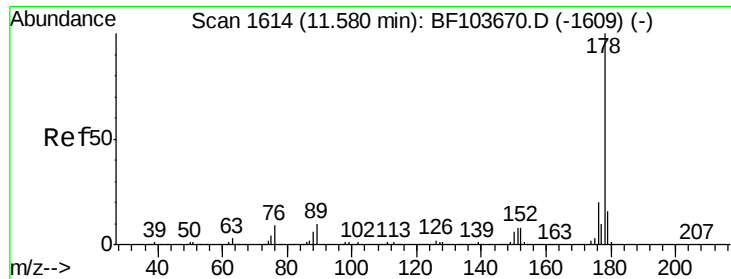
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#70
Phenanthrene
Concen: 7.967 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	152364		
176	19.5	15.8	23.8	
179	15.0	13.0	19.6	





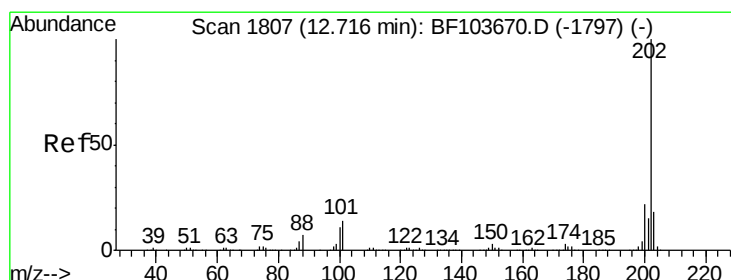
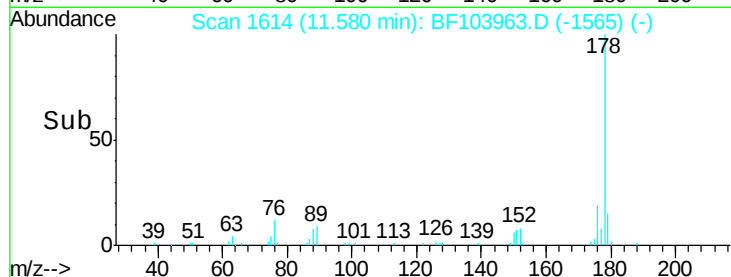
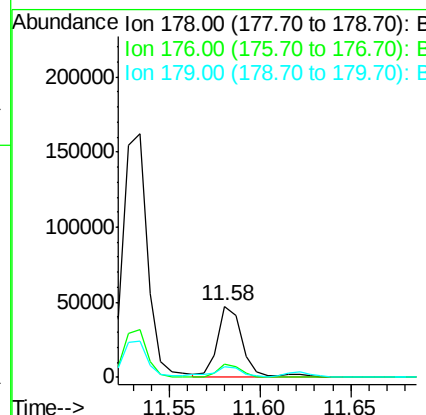
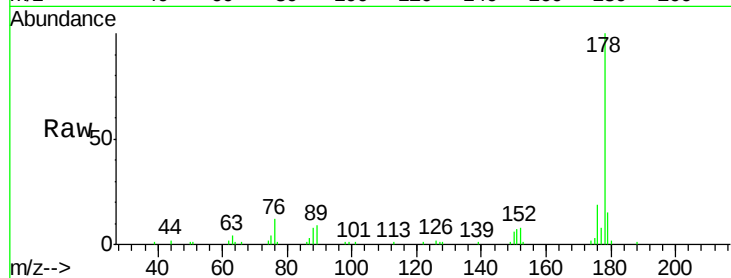
#71
 Anthracene
 Concen: 2.356 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Instrument :
 BNA_F
 ClientSampled :
 MS-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.6	19.0

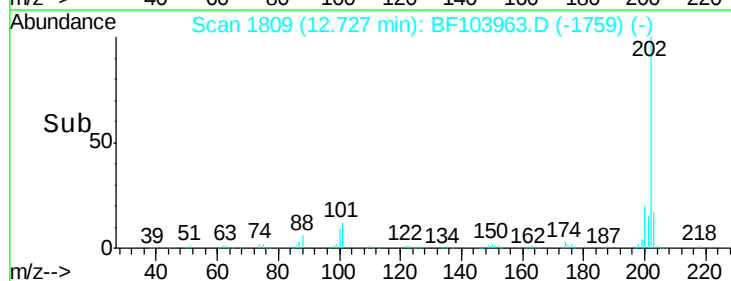
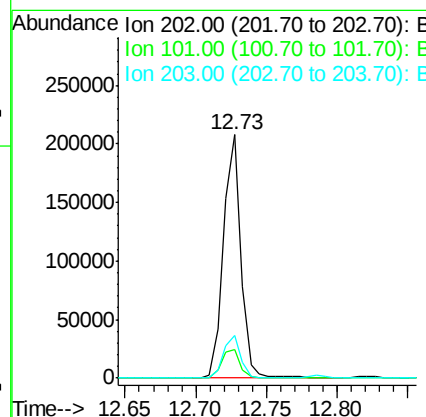
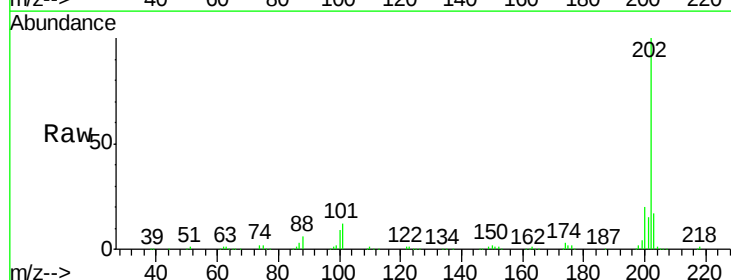
Manual Integrations
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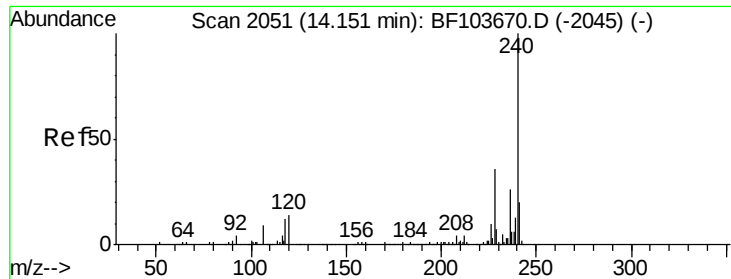
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#74
 Fluoranthene
 Concen: 9.128 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.4	0.0	38.1





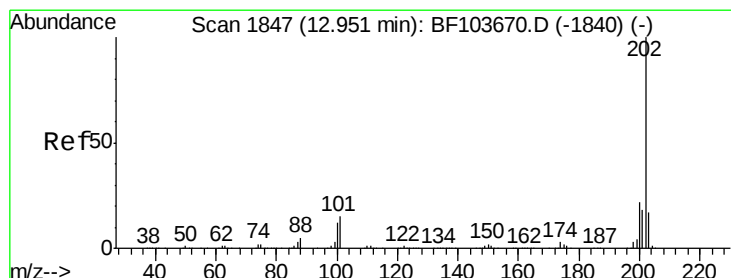
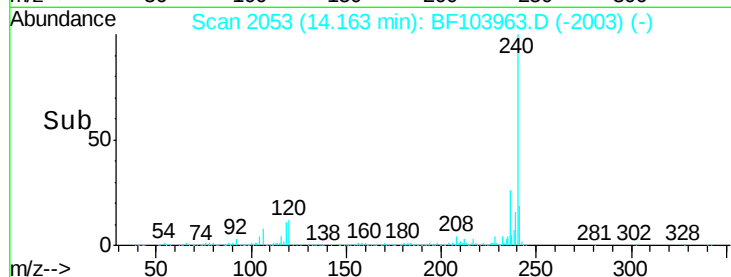
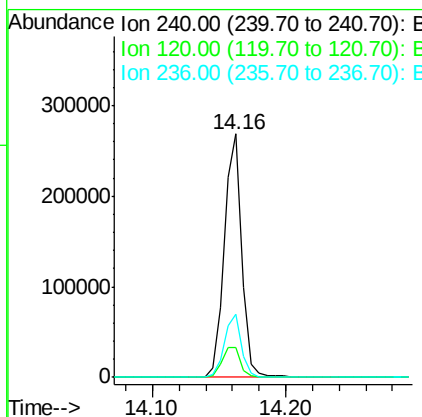
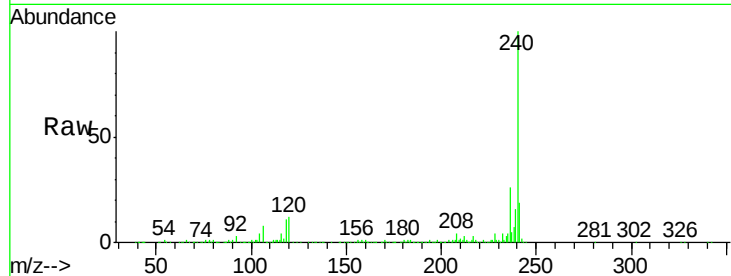
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :
 MS-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	248197		
120	12.1		9.5	14.3
236	26.1		20.7	31.1

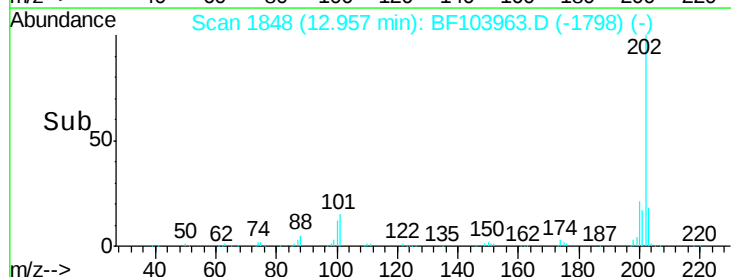
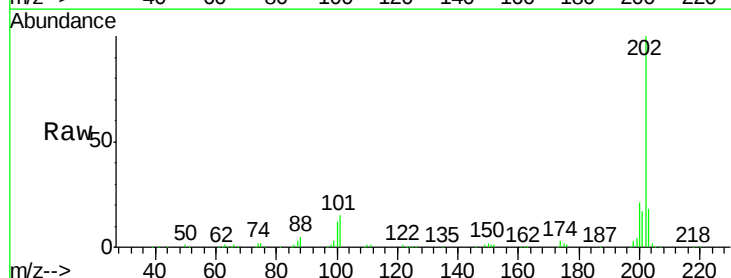
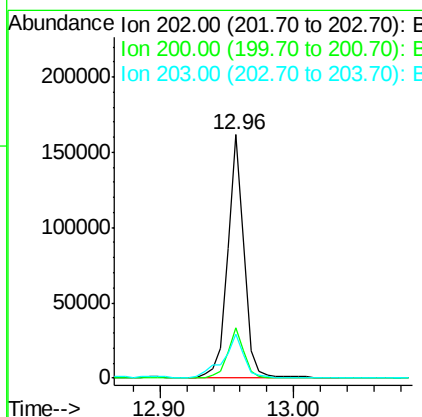
Manual Integrations
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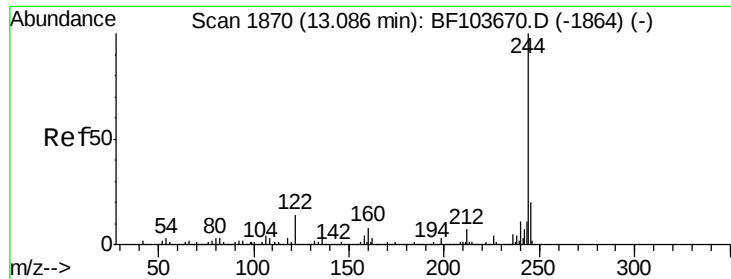
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#77
 Pyrene
 Concen: 7.702 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	140388		
200	20.8		17.4	26.2
203	17.9		14.3	21.5





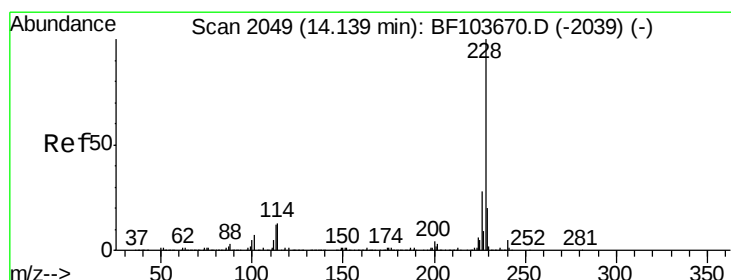
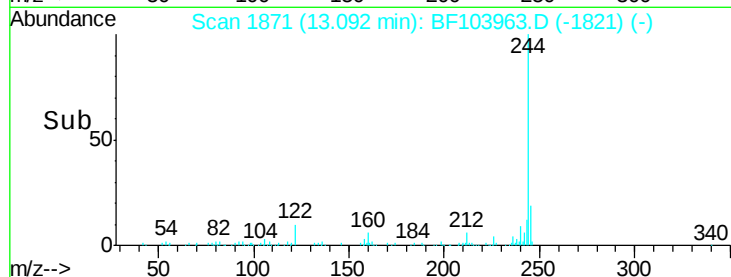
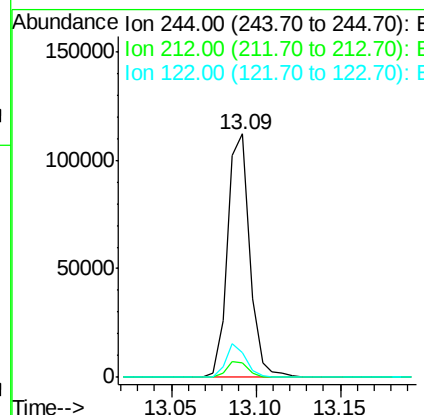
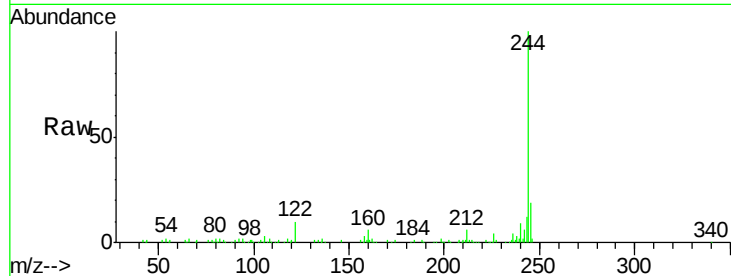
#78
 Terphenyl-d14
 Concen: 9.604 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Instrument :
 BNA_F
 ClientSampled :
 MS-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	10.3	11.0	16.4

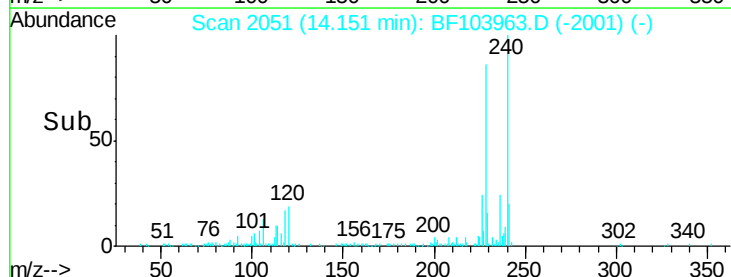
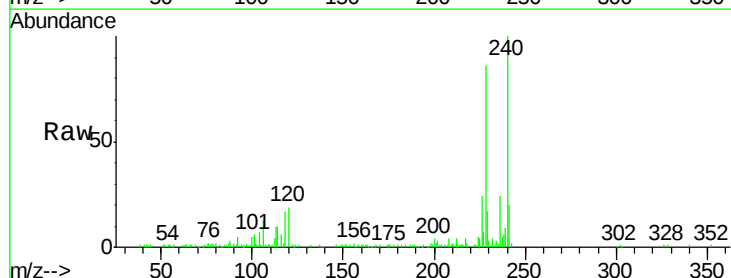
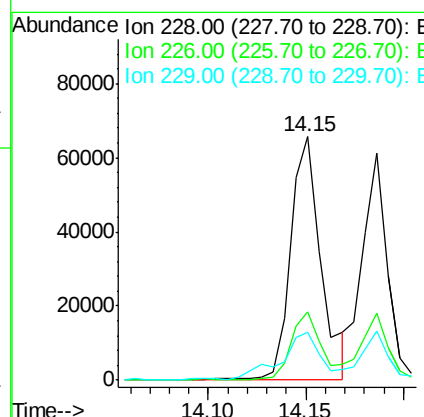
Manual Integrations
 APPROVED

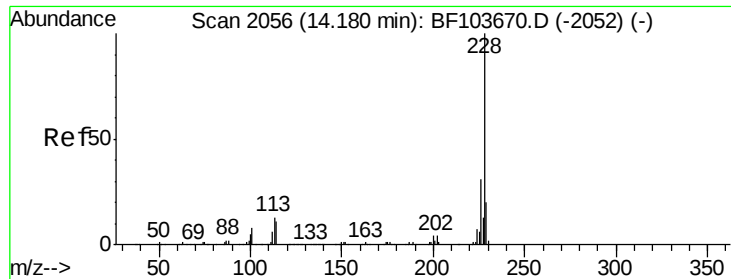
Sohil
 3/27/2018 2:16:25 PM



#80
 Benzo(a)anthracene
 Concen: 4.522 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF103963.D
 Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.5	15.8	23.6





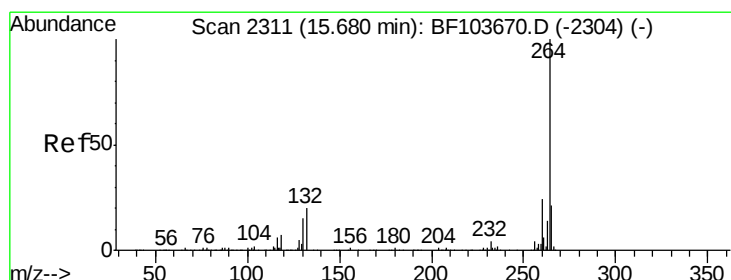
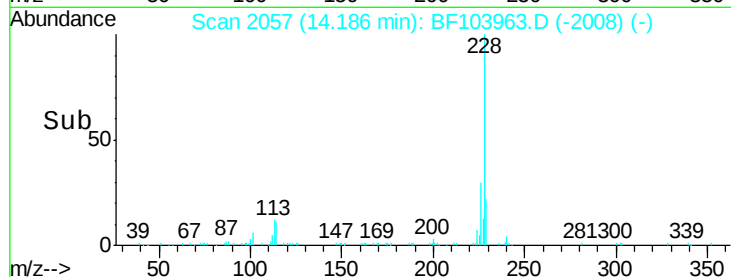
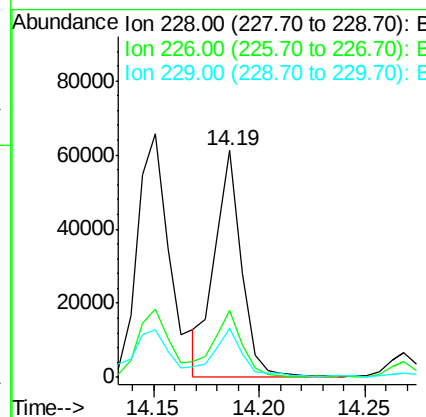
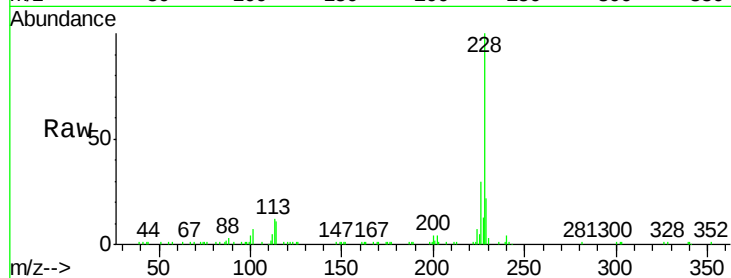
#82
Chrysene
Concen: 3.674 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
MS-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.6	16.2	24.4

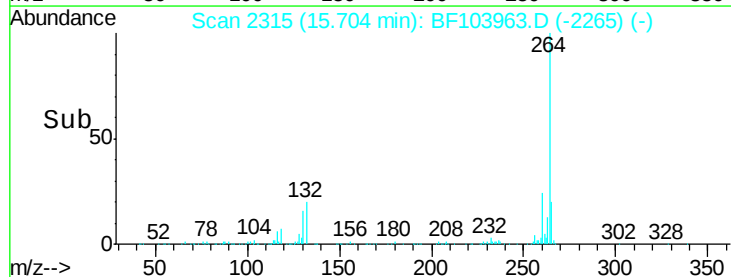
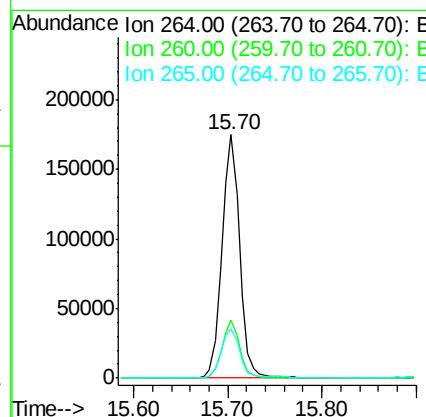
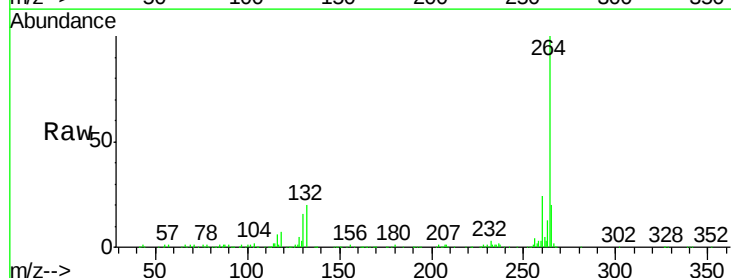
Manual Integrations
APPROVED

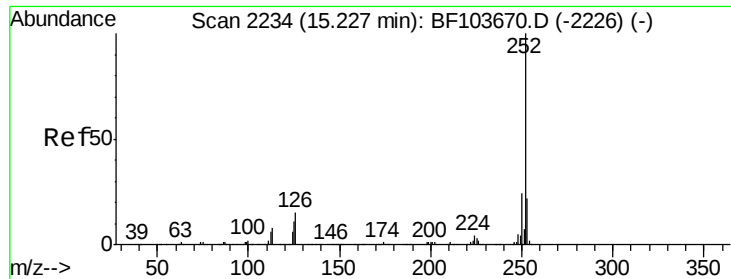
Sohil
3/27/2018 2:16:25 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3





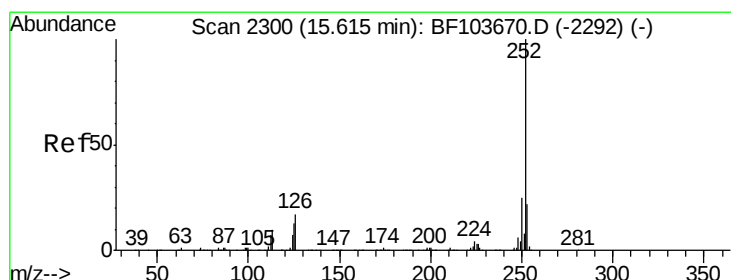
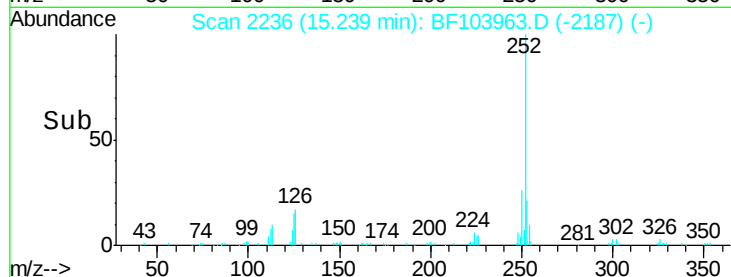
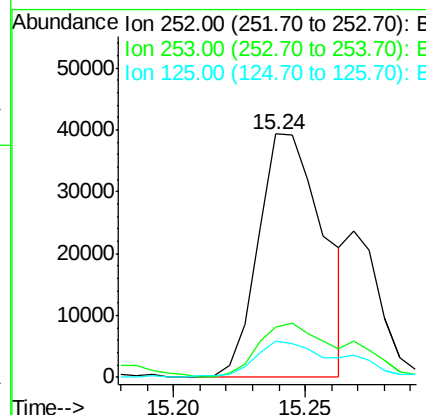
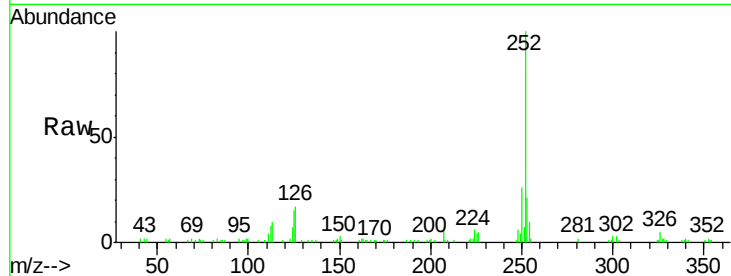
#87
Benzo(b)fluoranthene
Concen: 4.572 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
MS-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.0	25.6
125	15.1	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/27/2018 2:16:25 PM



#89
Benzo(a)pyrene
Concen: 3.186 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.7	9.8	14.6#

