

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113803.D
 Acq On : 16 Apr 2019 19:51
 Operator : JU/SJ
 Sample : K2411-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-S

Manual Integrations
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Sohil
 4/17/2019 3:45:44 PM

Quant Time: Apr 17 04:09:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	131756	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	490041	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	200966	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	354649	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	346482	20.00	ng	-0.02
87) Perylene-d12	15.23	264	375331	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	373518	48.34	ng	0.00
7) Phenol-d6	6.33	99	507896	53.33	ng	0.00
23) Nitrobenzene-d5	7.24	82	280465	33.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	99085	41.04	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	556398	44.57	ng	-0.02
79) Terphenyl-d14	12.76	244	505741	29.72	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.43	163	48784	3.293	ng	97
75) Fluoranthene	12.40	202	68952	3.651	ng	100
78) Pyrene	12.63	202	68201	2.587	ng	98
81) Benzo(a)anthracene	13.82	228	41914m	2.097	ng	
83) Chrysene	13.85	228	43474	2.146	ng	99
88) Benzo(b)fluoranthene	14.84	252	65693m	2.859	ng	
90) Benzo(a)pyrene	15.19	252	48207	2.361	ng	99

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

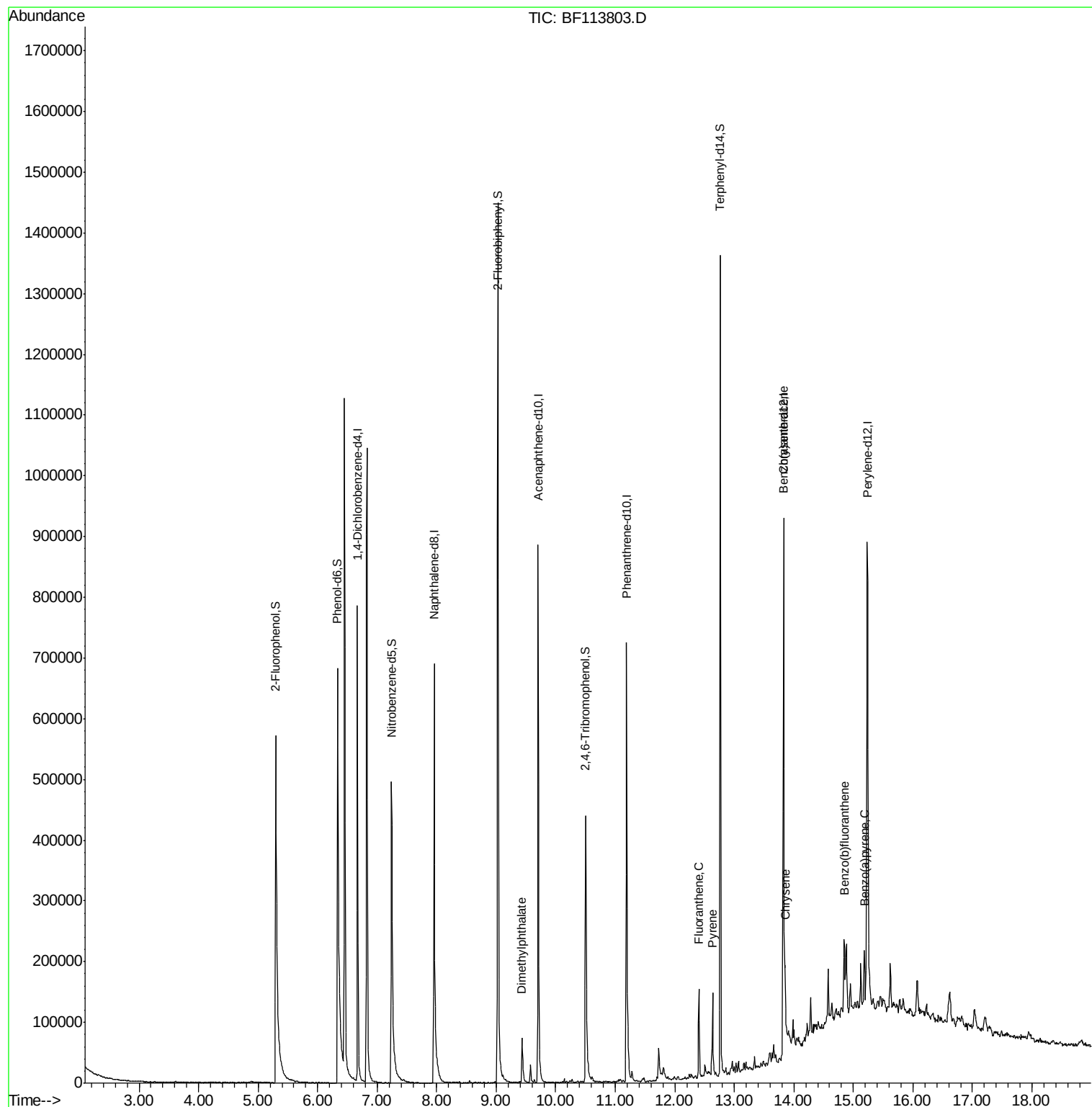
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

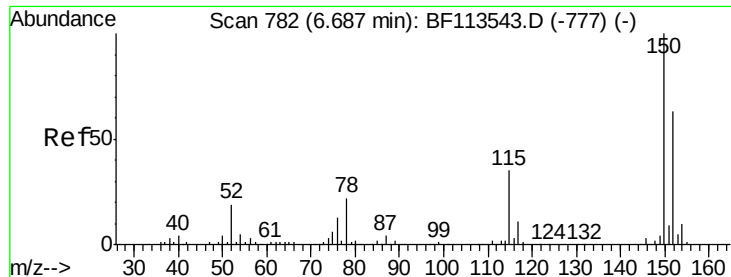
Instrument :
BNA_F
ClientSampleId :
TP-16-S

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4/17/2019 3:45:44 PM

Quant Time: Apr 17 04:09:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

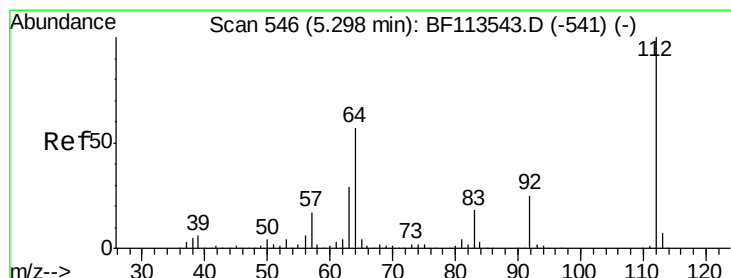
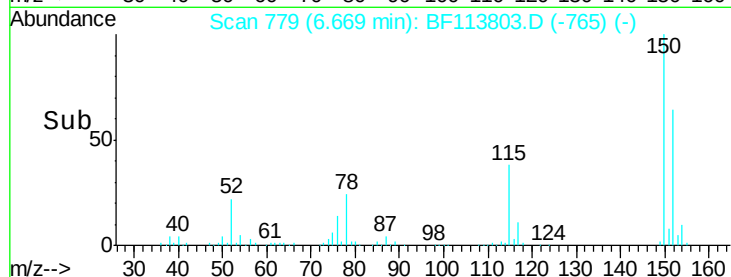
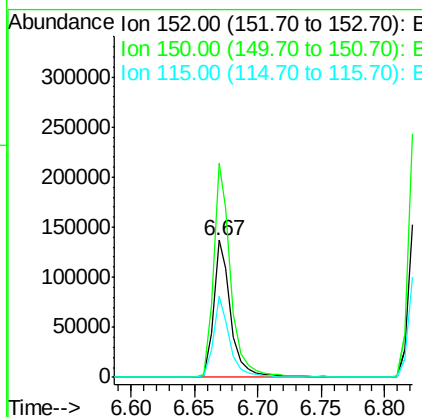
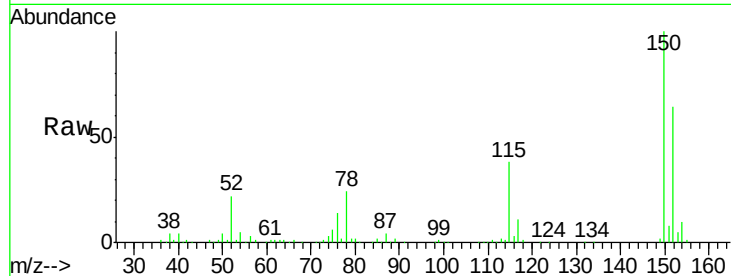
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Instrument :
BNA_F
ClientSampled :
TP-16-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.7	187.1
115	59.3	46.0	69.0

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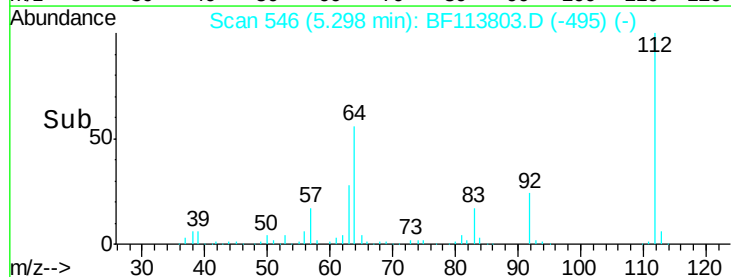
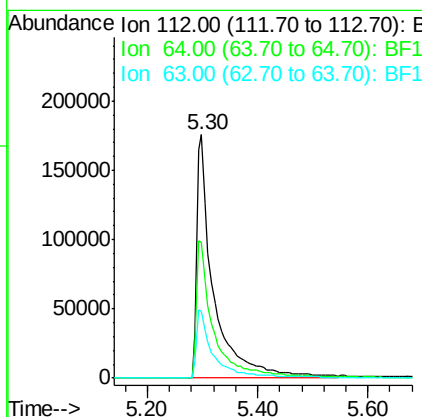
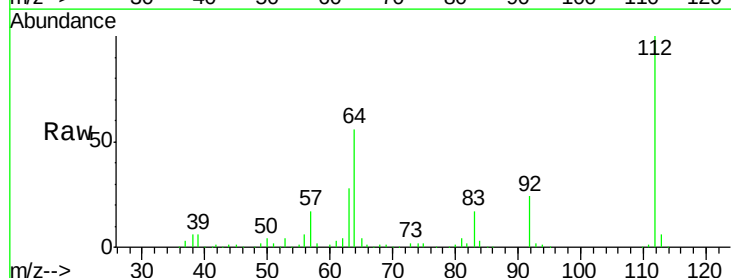
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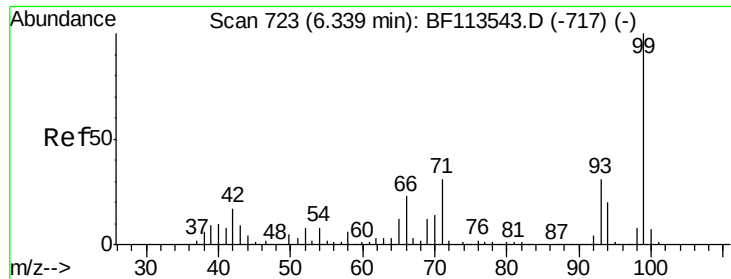


#5

2-Fluorophenol
Concen: 48.342 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	49.2	73.8
63	27.7	24.9	37.3





#7

Phenol-d6

Concen: 53.333 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113803.D

Acq: 16 Apr 2019 19:51

Instrument :

BNA_F

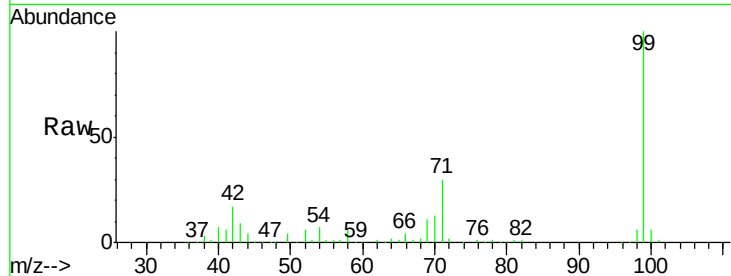
ClientSampleId :

TP-16-S

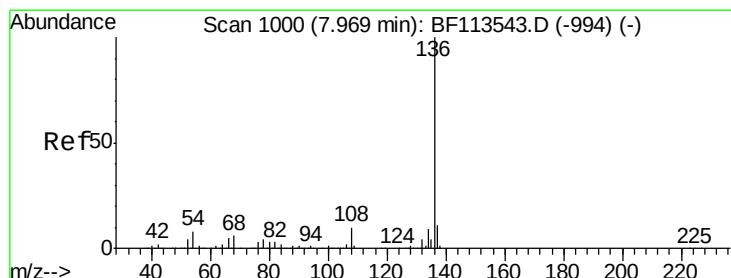
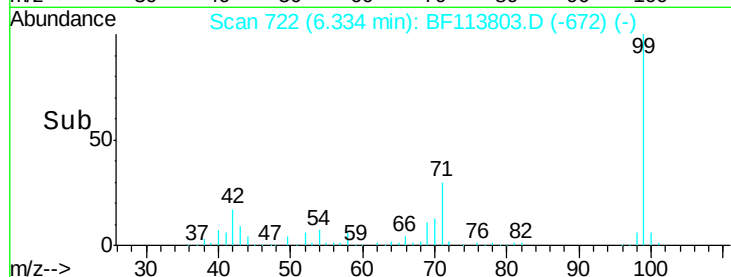
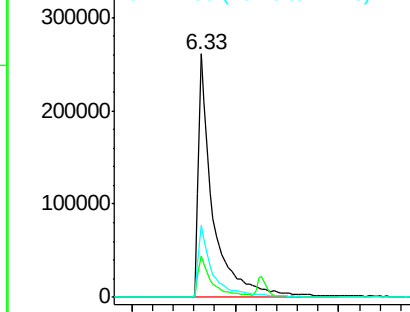
Tgt Ion:	99	Resp:	507896
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.8	22.2
71	29.7	24.9	37.3

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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: 7.96 min Scan# 998

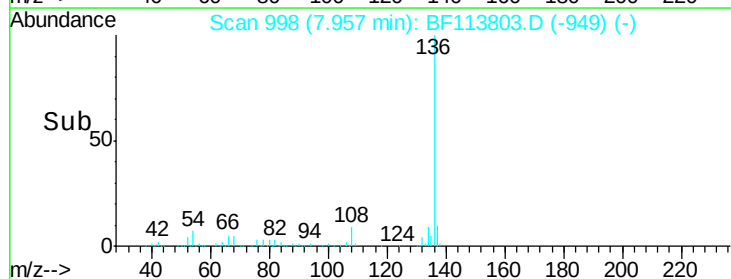
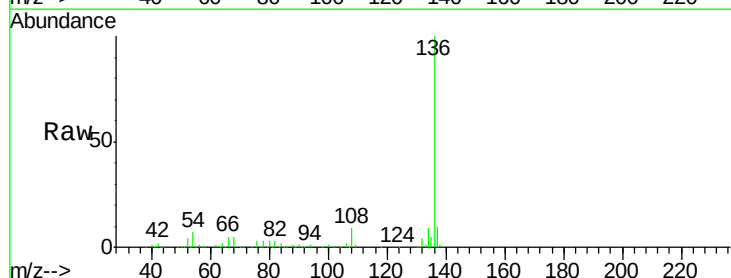
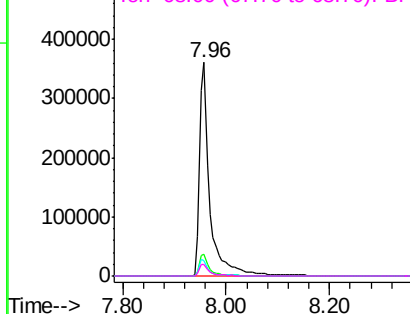
Delta R.T. -0.01 min

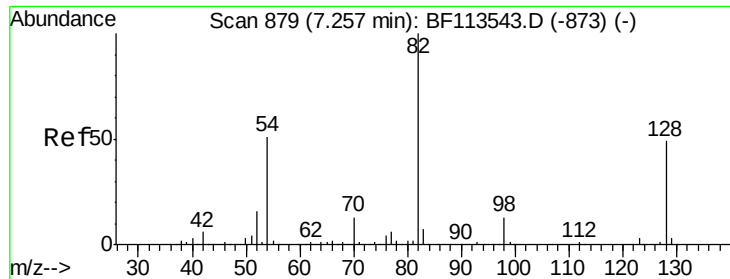
Lab File: BF113803.D

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Tgt Ion:	136	Resp:	490041
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	7.2	7.0	10.6
68	5.3	4.8	7.2

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





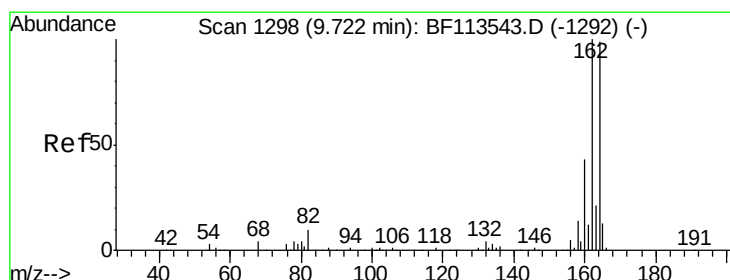
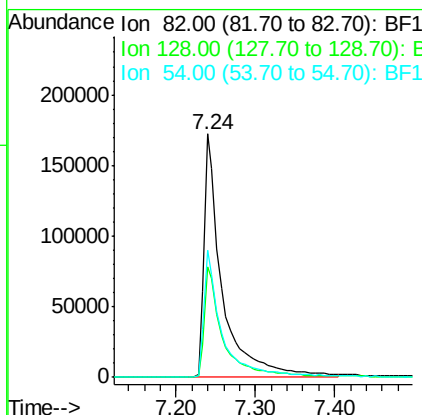
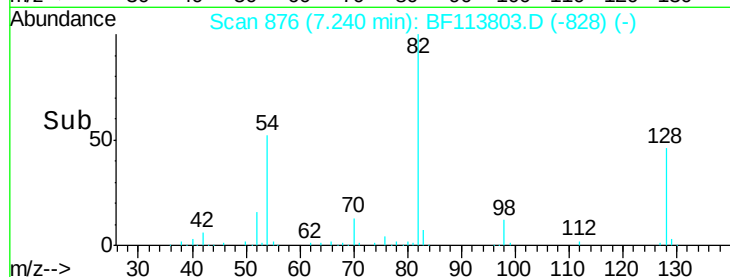
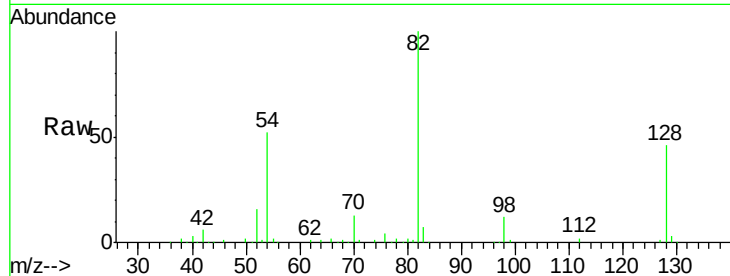
#23
Nitrobenzene-d5
Concen: 33.524 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Instrument :
BNA_F
ClientSampled :
TP-16-S

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	280465		
128	45.6	36.5	54.7	
54	52.0	42.2	63.2	

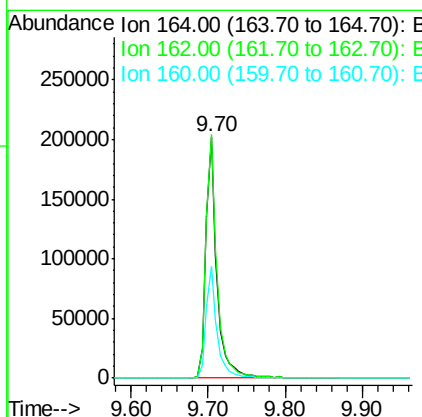
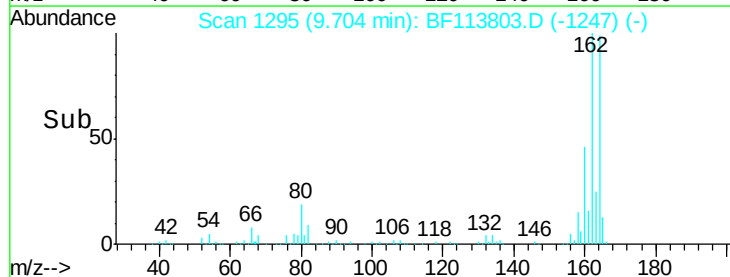
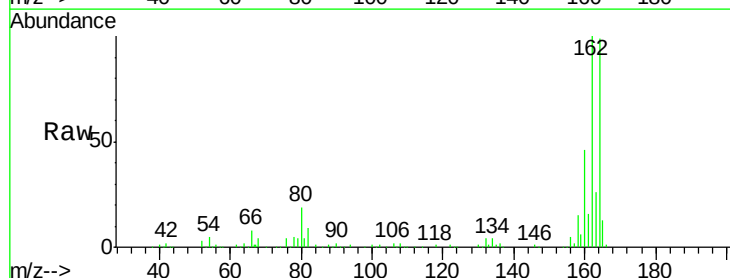
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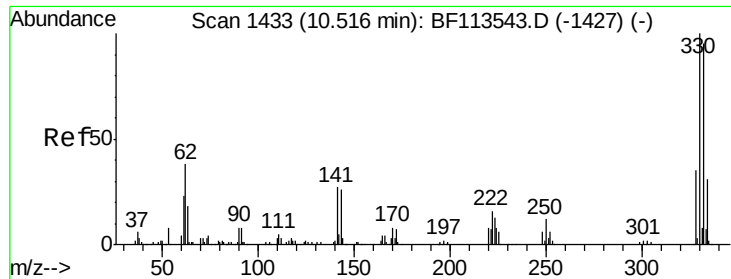
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200966		
162	100.9	81.8	122.6	
160	46.1	36.4	54.6	





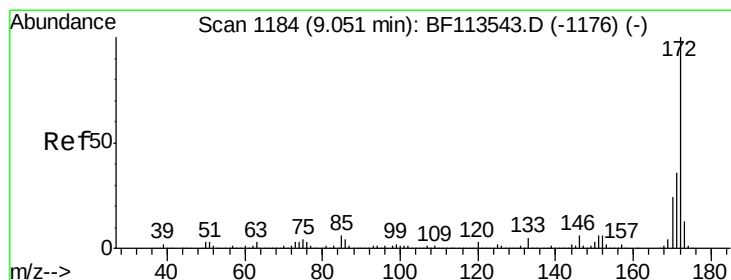
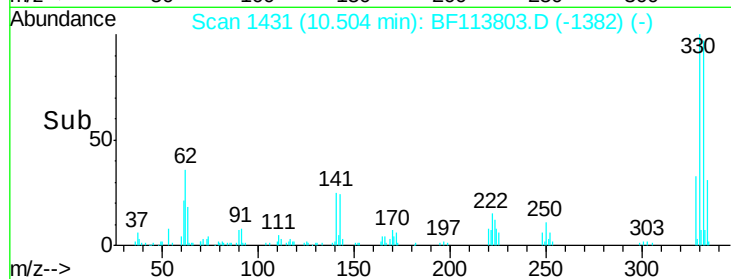
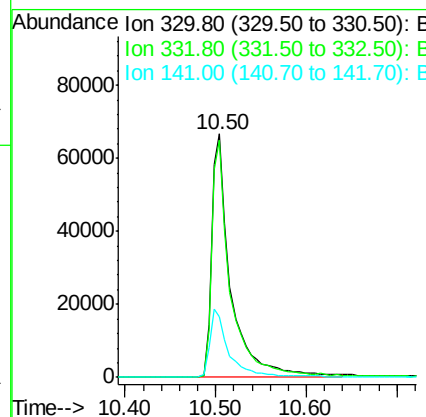
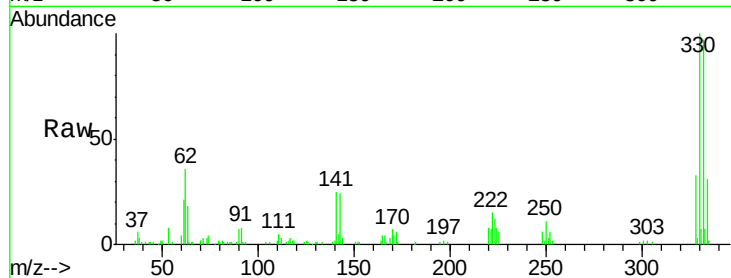
#42
 2,4,6-Tribromophenol
 Concen: 41.044 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113803.D
 Acq: 16 Apr 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	99085		
332	97.6		77.8	116.6
141	27.5		22.7	34.1

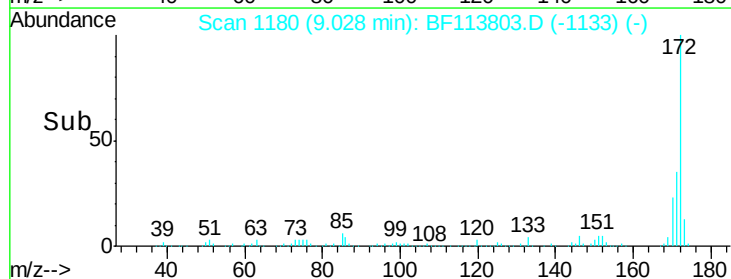
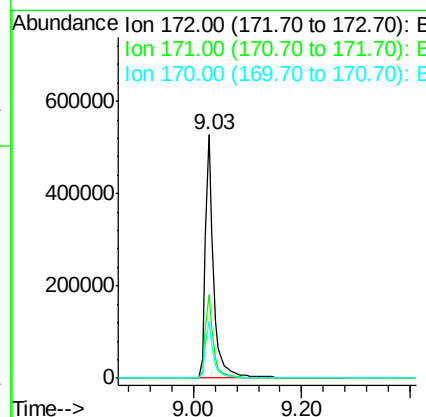
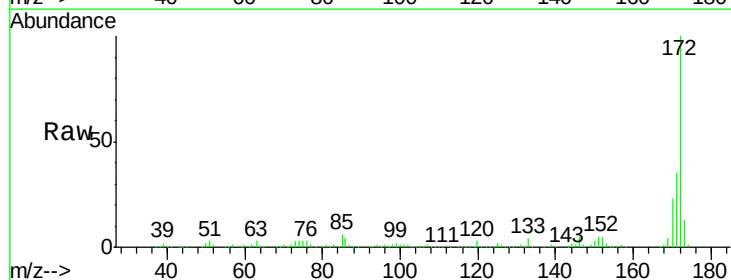
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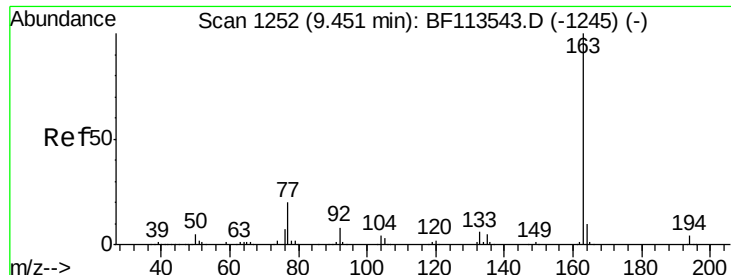
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#45
 2-Fluorobiphenyl
 Concen: 44.572 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113803.D
 Acq: 16 Apr 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	556398		
171	34.6		29.0	43.6
170	23.4		19.5	29.3





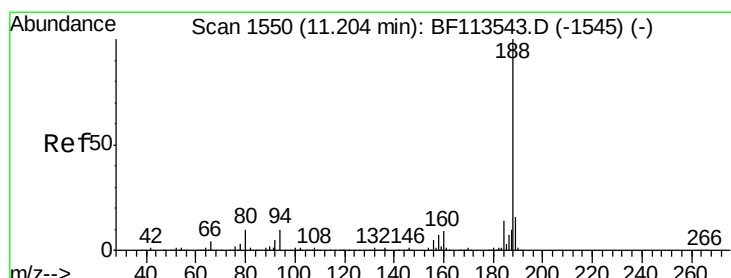
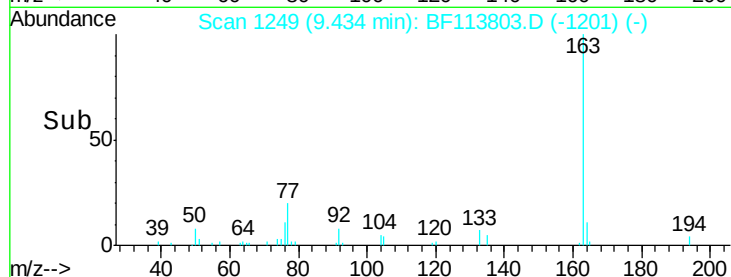
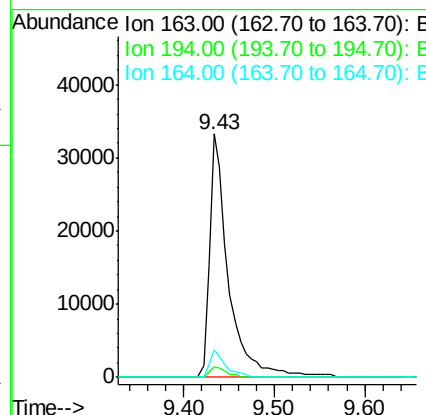
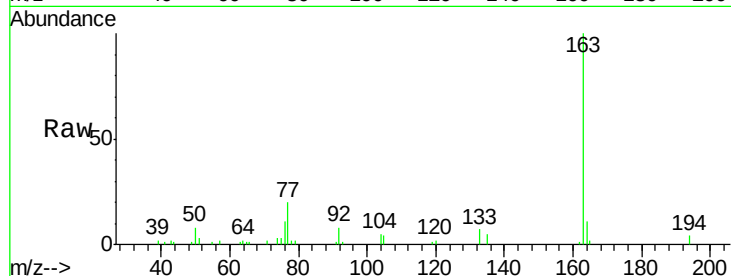
#50
Dimethylphthalate
Concen: 3.293 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Instrument :
BNA_F
ClientSampleId :
TP-16-S

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	48784		
194	4.4		3.0	4.6
164	11.2		8.1	12.1

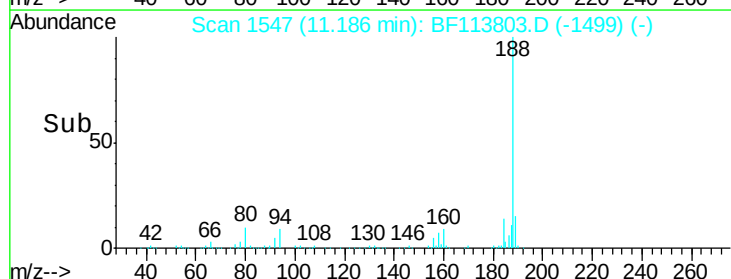
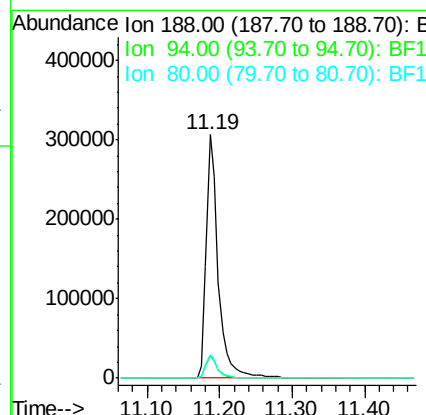
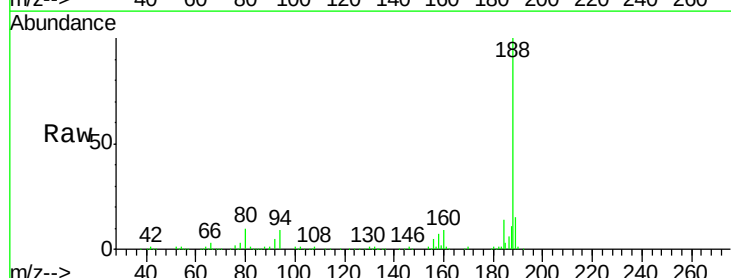
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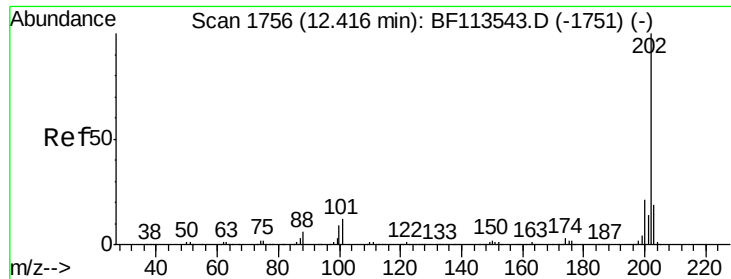
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	354649		
94	9.4		7.0	10.6
80	9.7		7.7	11.5





#75

Fluoranthene

Concen: 3.651 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113803.D

Acq: 16 Apr 2019 19:51

Instrument :

BNA_F

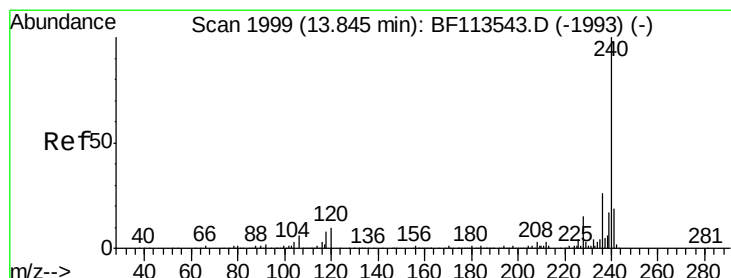
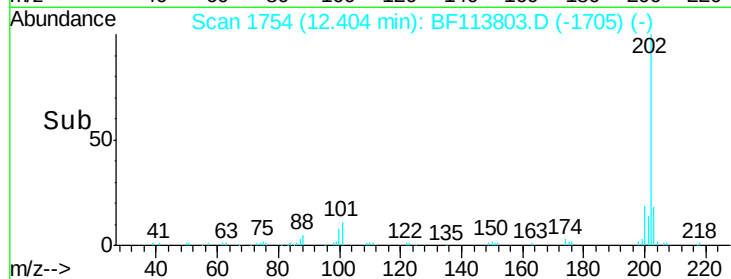
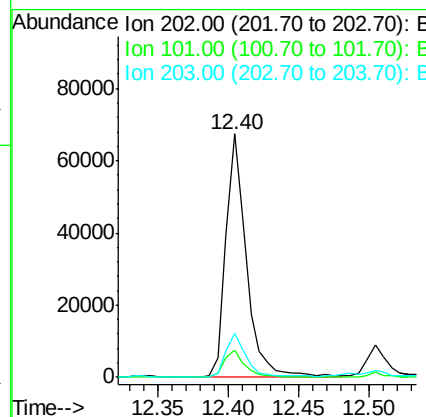
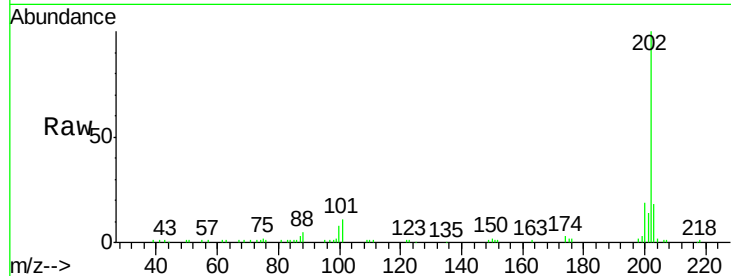
ClientSampleId :

TP-16-S

Tgt Ion:	202	Resp:	68952
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	17.9	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

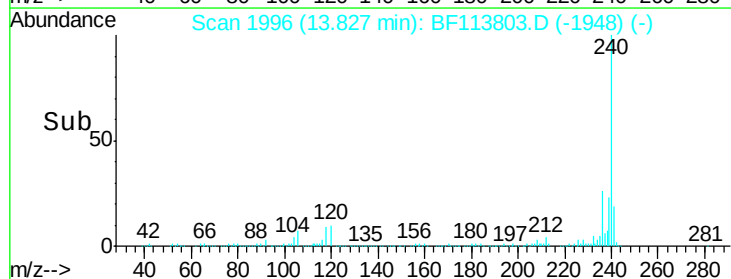
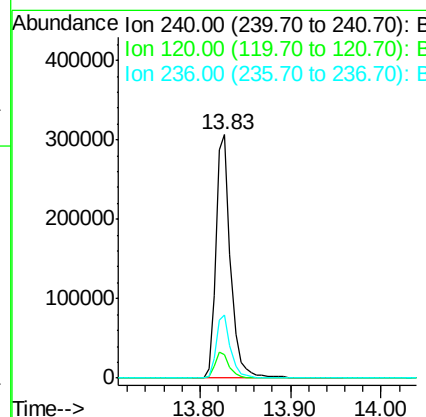
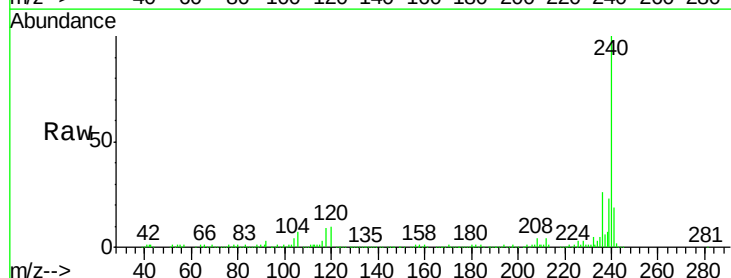
RT: 13.83 min Scan# 1996

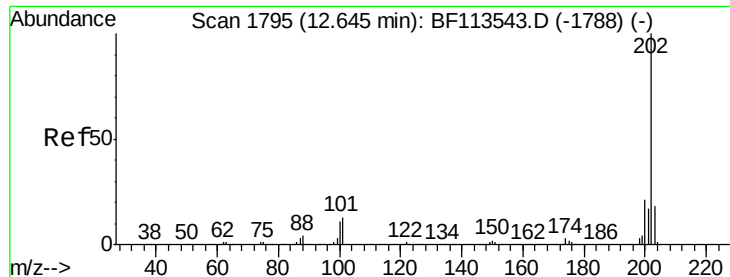
Delta R.T. -0.02 min

Lab File: BF113803.D

Acq: 16 Apr 2019 19:51

Tgt Ion:	240	Resp:	346482
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.8	13.2
236	26.0	20.9	31.3





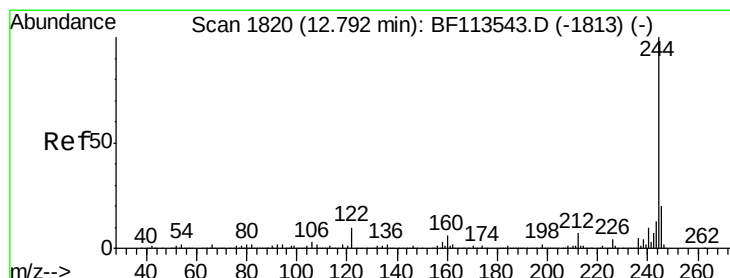
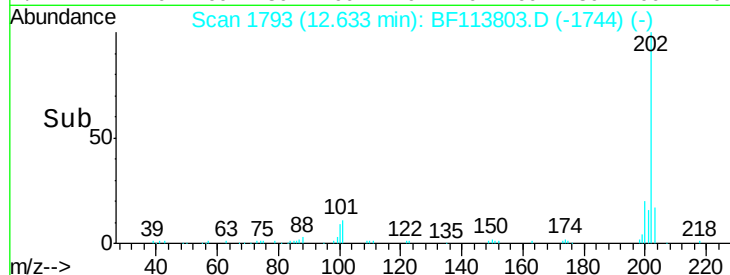
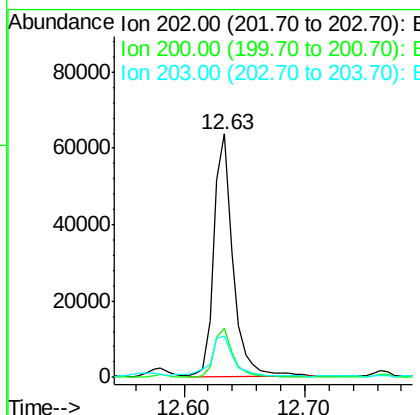
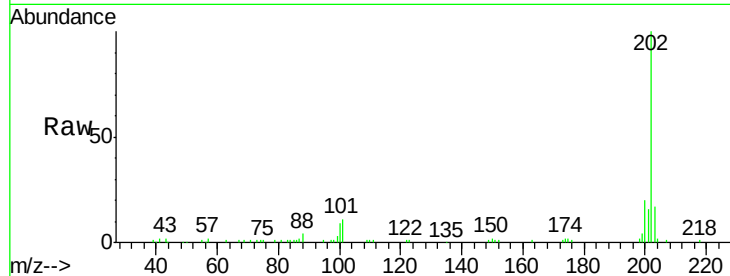
#78
 Pyrene
 Concen: 2.587 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF113803.D
 Acq: 16 Apr 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-S

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	17.2	14.4	21.6

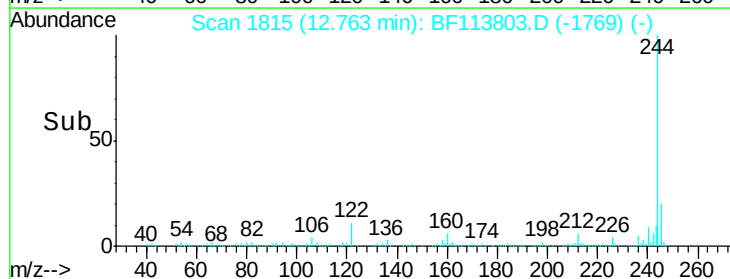
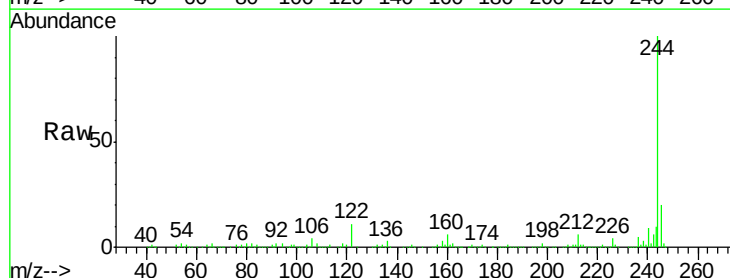
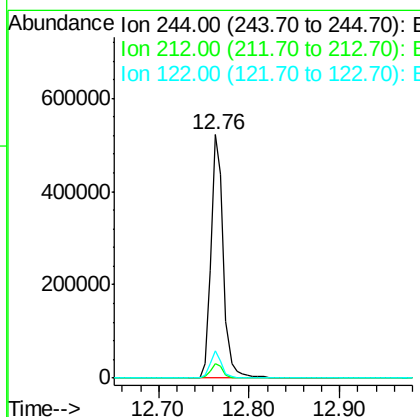
Manual Integrations
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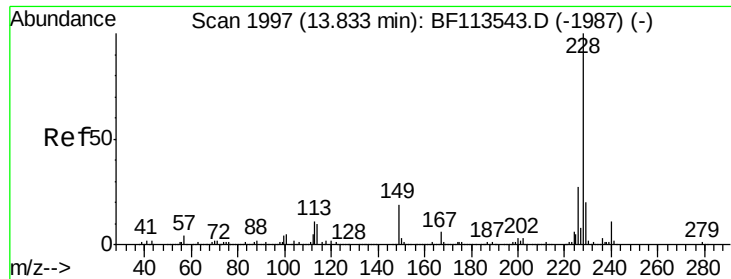
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#79
 Terphenyl-d14
 Concen: 29.719 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF113803.D
 Acq: 16 Apr 2019 19:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	11.2	8.6	13.0





#81

Benzo(a)anthracene

Concen: 2.097 ng m

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113803.D

Acq: 16 Apr 2019 19:51

Instrument :

BNA_F

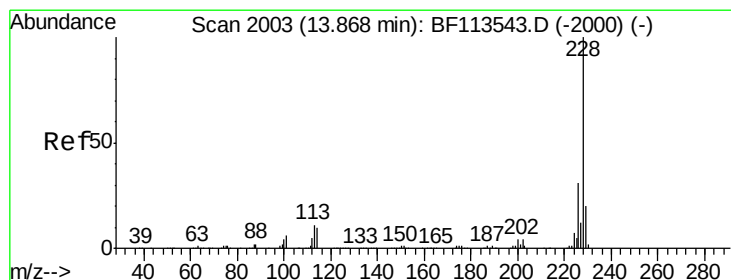
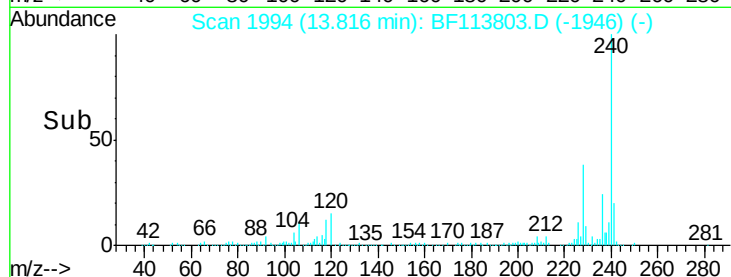
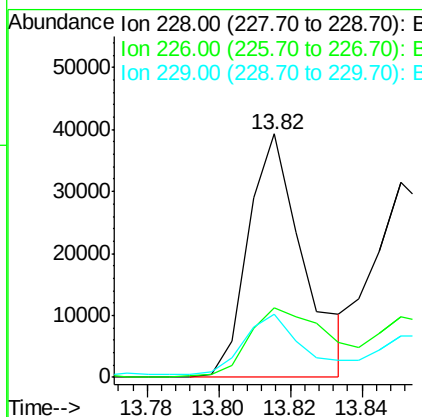
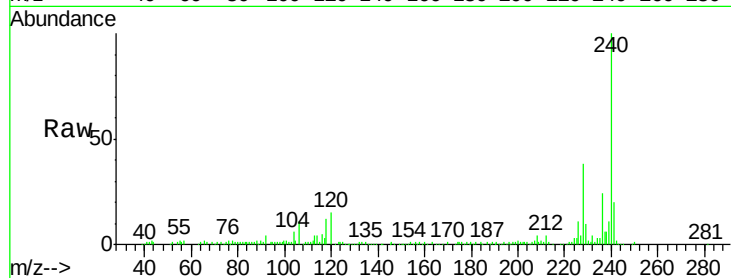
ClientSampled :

TP-16-S

Tgt Ion:	228	Resp:	41914
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.8	32.8
229	25.8	16.2	24.4

Manual Integrations
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#83

Chrysene

Concen: 2.146 ng

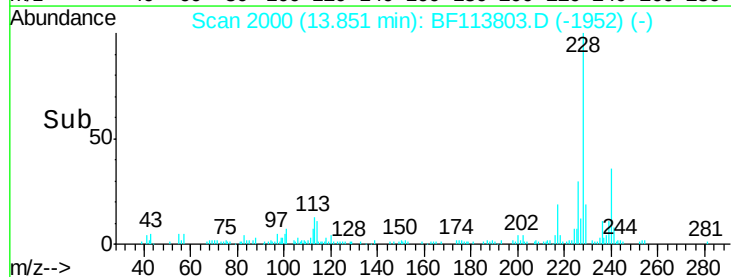
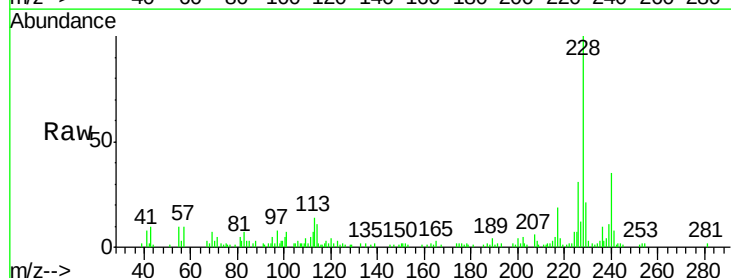
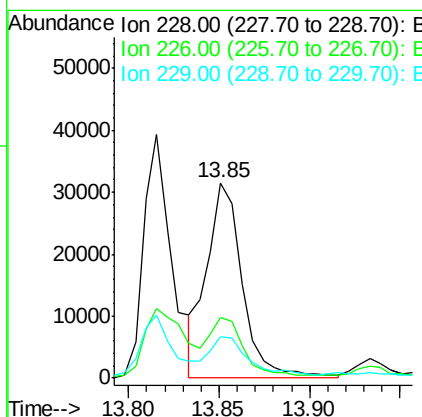
RT: 13.85 min Scan# 2000

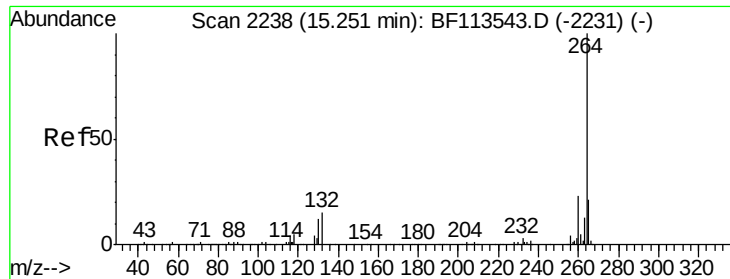
Delta R.T. -0.02 min

Lab File: BF113803.D

Acq: 16 Apr 2019 19:51

Tgt Ion:	228	Resp:	43474
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.3	36.5
229	21.1	16.3	24.5





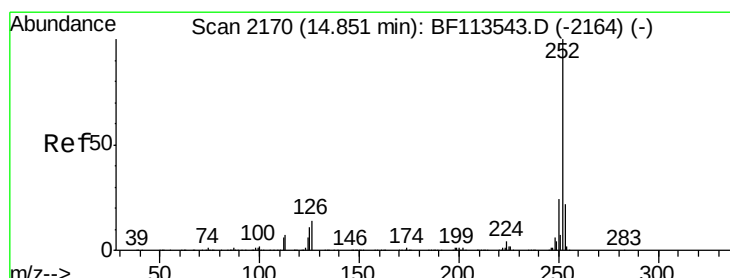
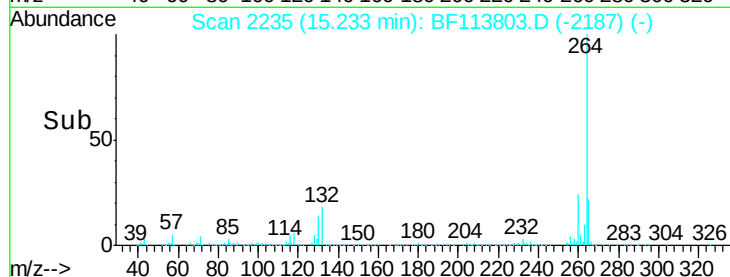
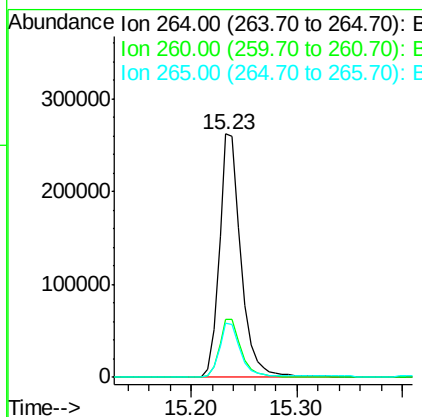
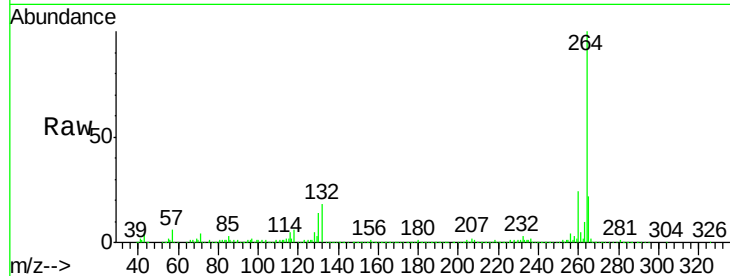
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Instrument :
BNA_F
ClientSampleId :
TP-16-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.1	17.1	25.7

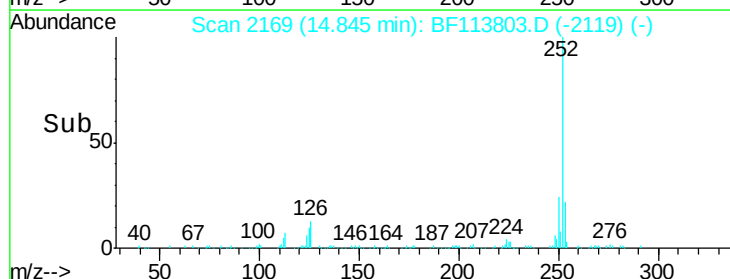
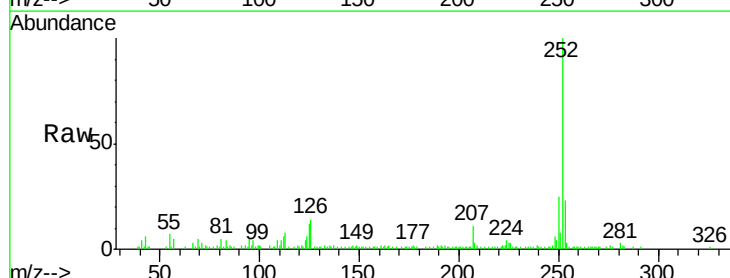
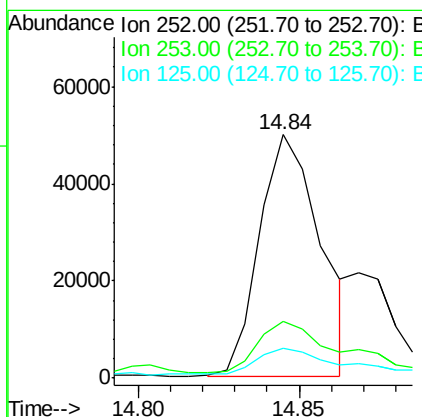
Manual Integrations
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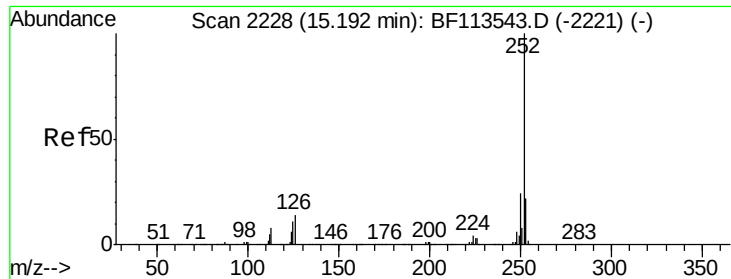
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#88
Benzo(b)fluoranthene
Concen: 2.859 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113803.D
Acq: 16 Apr 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.2	7.6	11.4#





#90
 Benzo(a)pyrene
 Concen: 2.361 ng
 RT: 15.19 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BF113803.D
 Acq: 16 Apr 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-S

Tgt Ion:	252	Resp:	48207
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	11.3	8.8	13.2

Manual Integrations
 APPROVED

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