

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109622.D
 Acq On : 5 Oct 2018 21:32
 Operator : JU/SJ
 Sample : J5255-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-2

Manual Integrations
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Sohil
 10/8/2018 12:21:27 PM

Quant Time: Oct 06 06:45:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83032	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	321170	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	142747	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	229807	20.00	ng	0.00
75) Chrysene-d12	13.83	240	193952	20.00	ng	-0.01
86) Perylene-d12	15.23	264	200922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	465556	92.35	ng	0.01
7) Phenol-d6	6.35	99	617495	95.99	ng	0.00
23) Nitrobenzene-d5	7.26	82	401689	73.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	127455	90.57	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	727818	76.90	ng	-0.02
78) Terphenyl-d14	12.79	244	525725	66.52	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.45	163	67708	6.521	ng	99
74) Fluoranthene	12.42	202	38520	3.141	ng	95
77) Pyrene	12.64	202	37307	2.684	ng	99
80) Benzo(a)anthracene	13.82	228	24231	2.074	ng	94
82) Chrysene	13.86	228	27673	2.390	ng	99
87) Benzo(b)fluoranthene	14.84	252	43286m	3.921	ng	
89) Benzo(a)pyrene	15.18	252	20054	2.016	ng	95

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

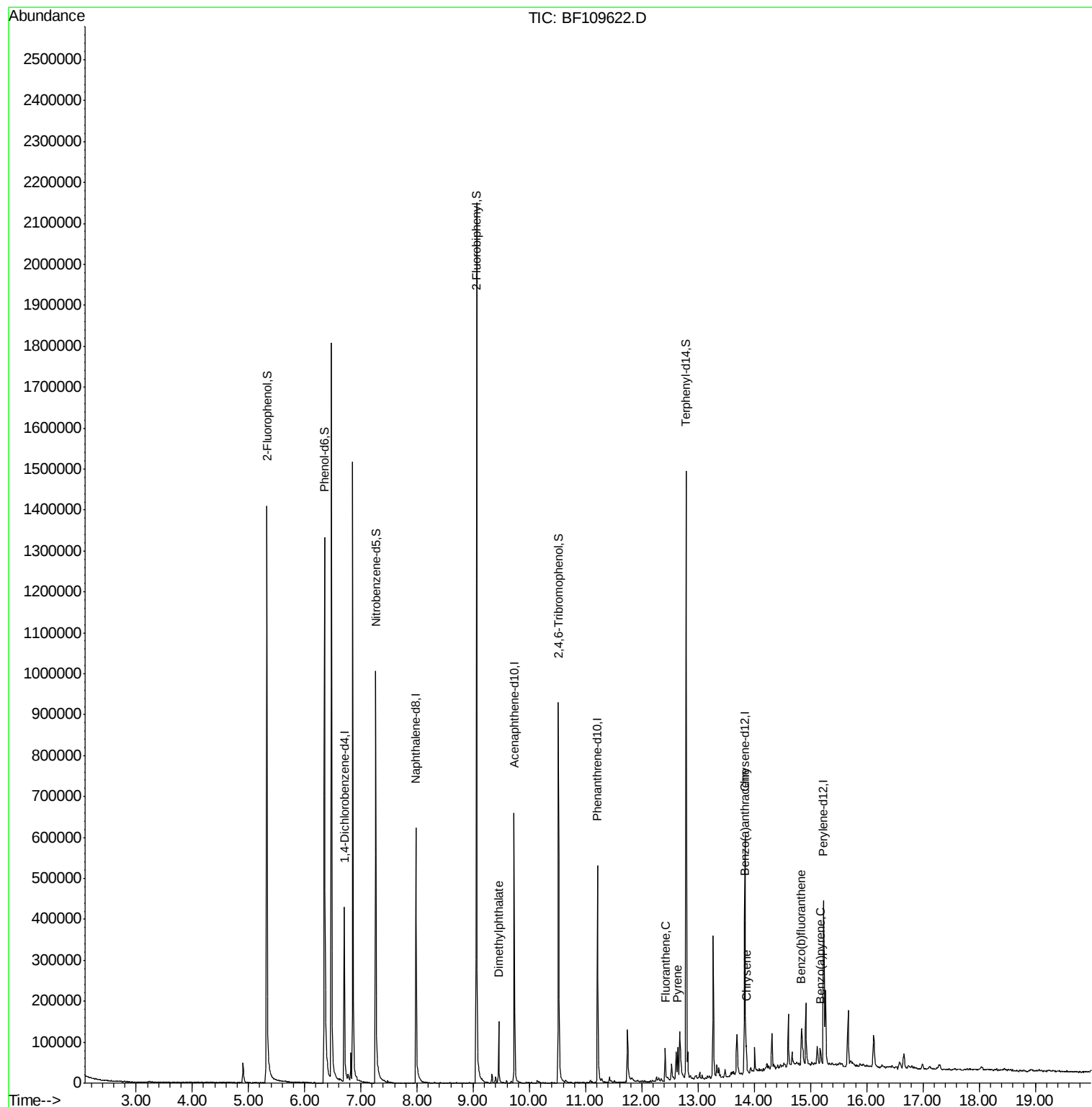
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109622.D
Acq On : 5 Oct 2018 21:32
Operator : JU/SJ
Sample : J5255-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

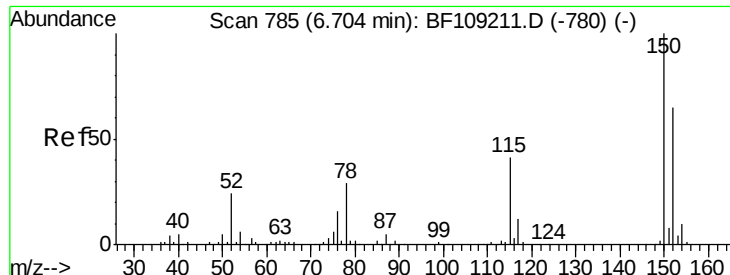
Instrument :
BNA_F
ClientSampleId :
TRACK-D-2

Manual Integrations
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Quant Time: Oct 06 06:45:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

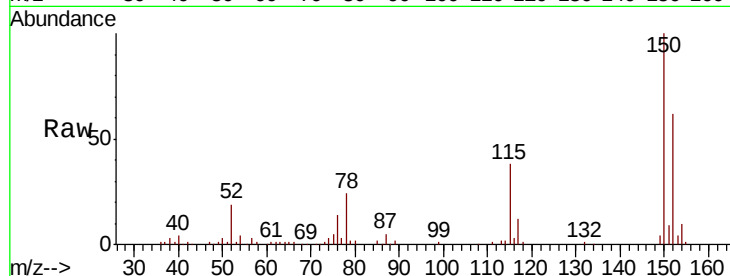
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	60.6	50.1	75.1

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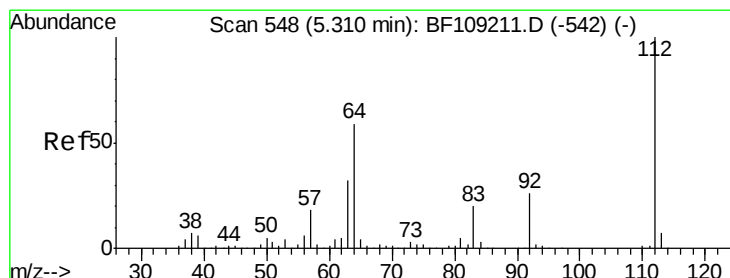
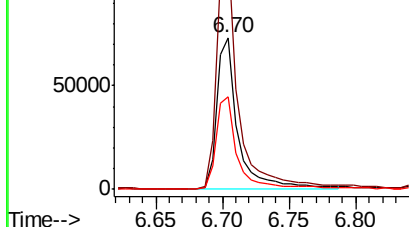
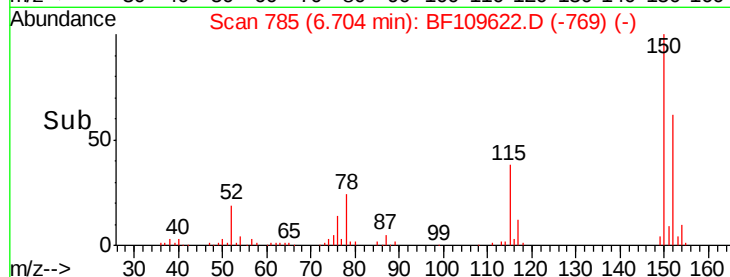


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

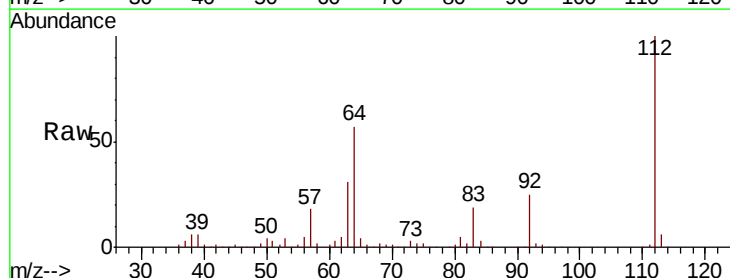
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.351 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	31.0	23.7	35.5

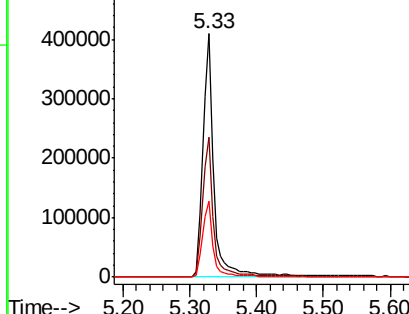
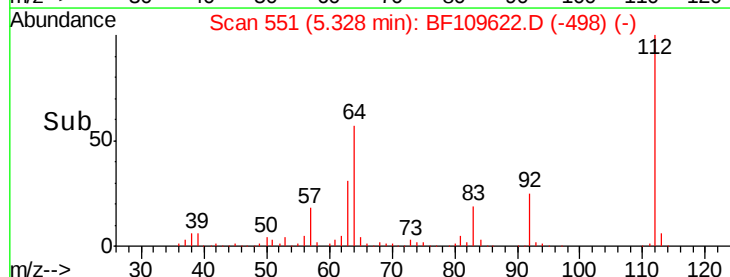


Abundance

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: 95.993 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109622.D

Acq: 5 Oct 2018 21:32

Instrument :

BNA_F

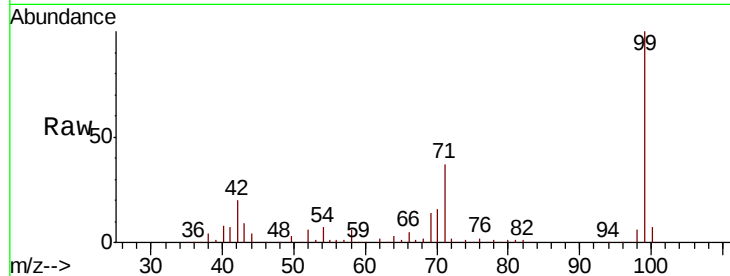
ClientSampleId :

TRACK-D-2

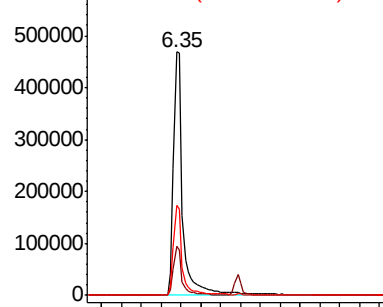
Tot Ion:	99	Resp:	617495
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	36.9	25.4	38.0

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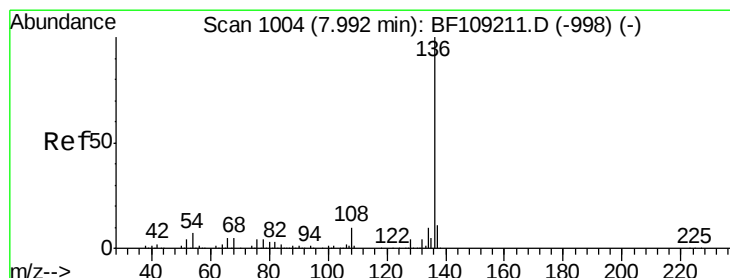
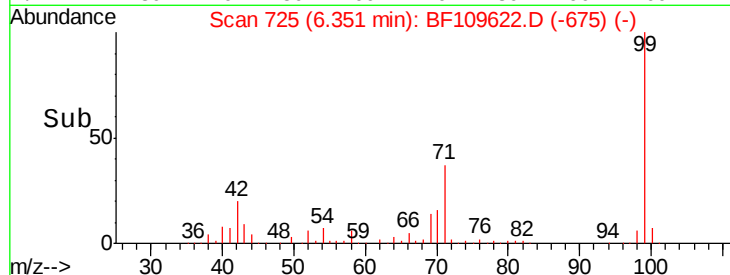
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

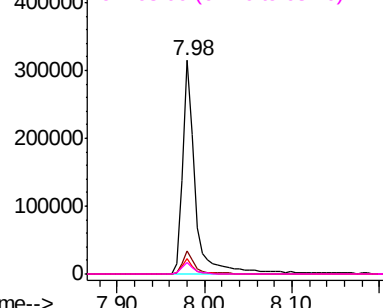
Delta R.T. -0.01 min

Lab File: BF109622.D

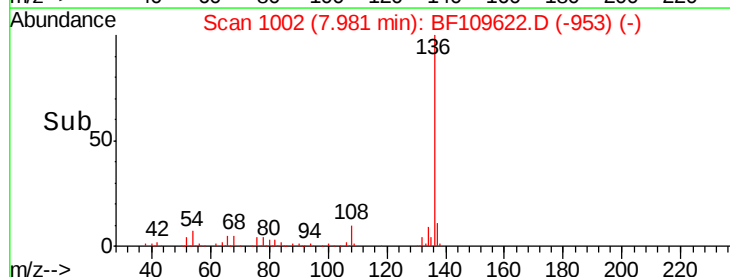
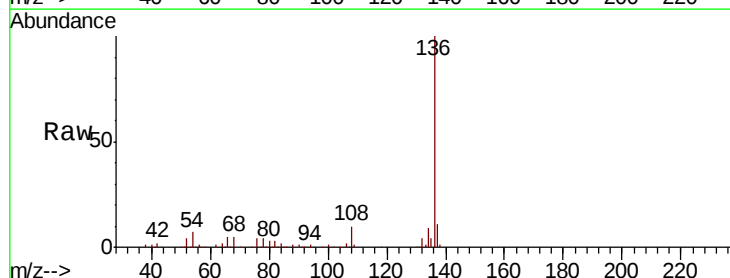
Acq: 5 Oct 2018 21:32

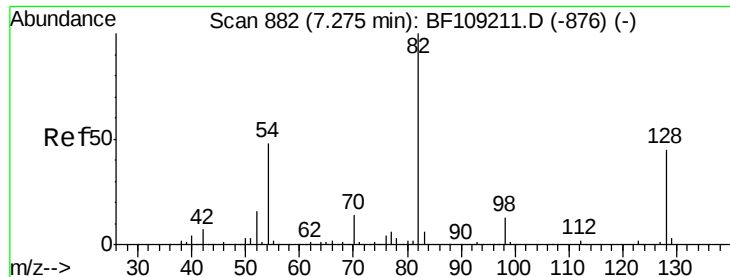
Tgt Ion:	136	Resp:	321170
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.3	5.0	7.4

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



Time-->





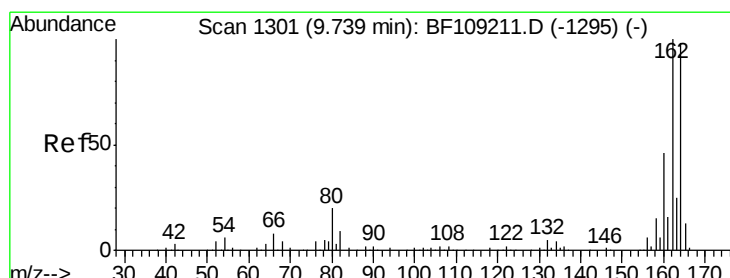
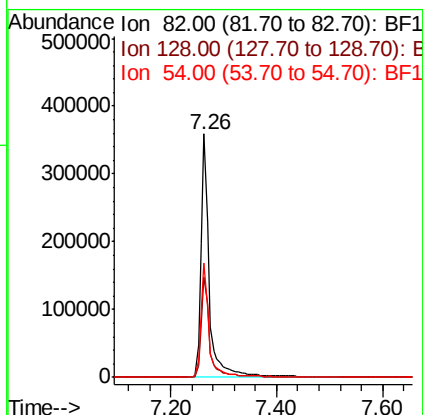
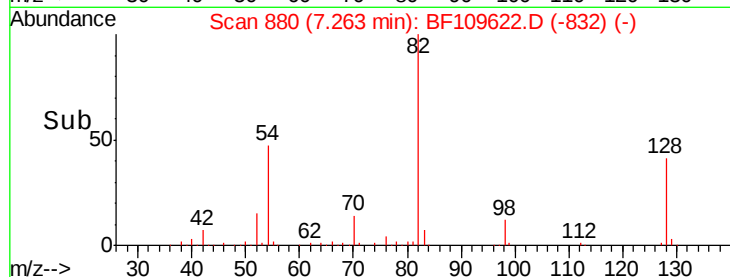
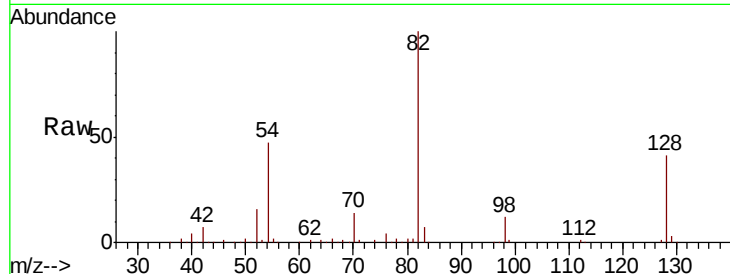
#23
Nitrobenzene-d5
Concen: 73.831 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Instrument :
BNA_F
ClientSampled :
TRACK-D-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	46.8	41.4	62.2

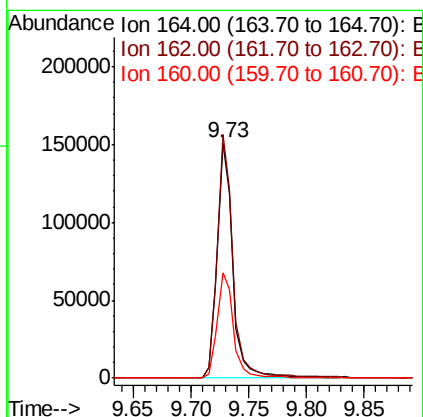
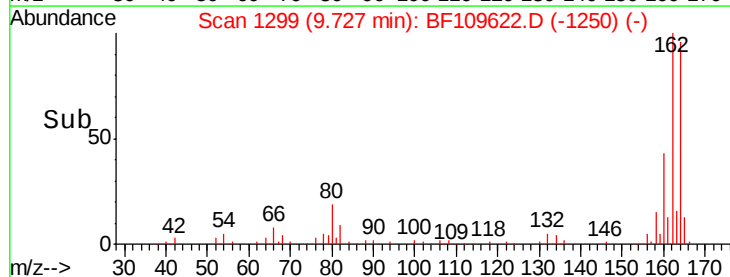
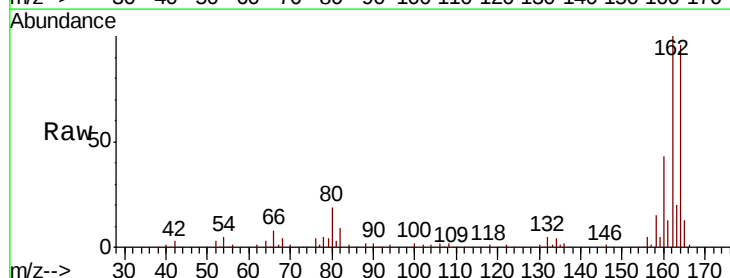
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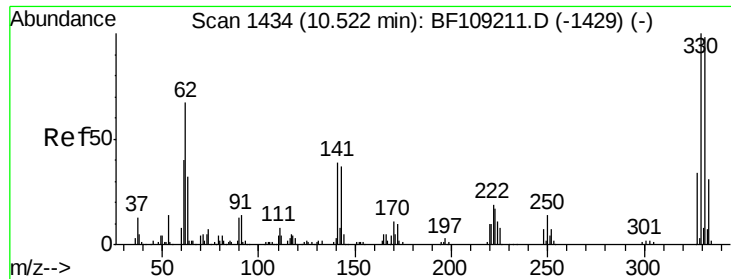
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.1	38.3	57.5





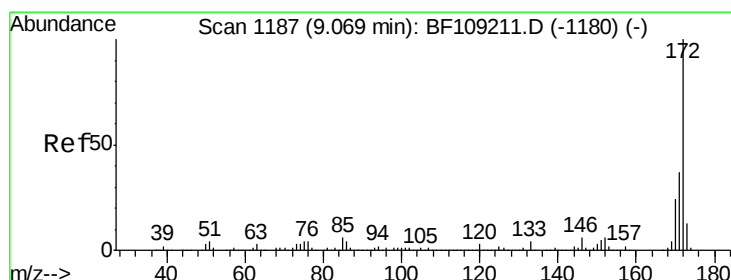
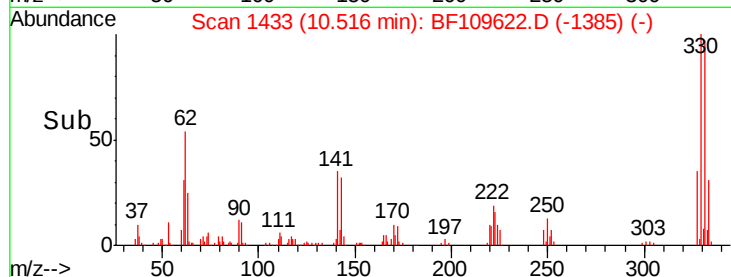
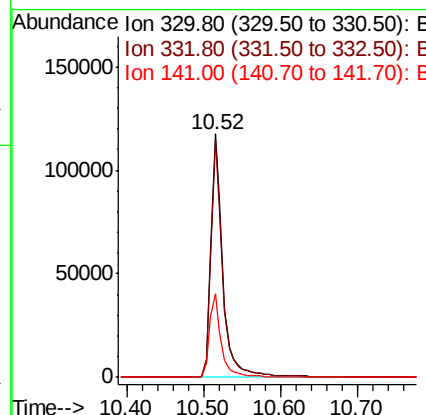
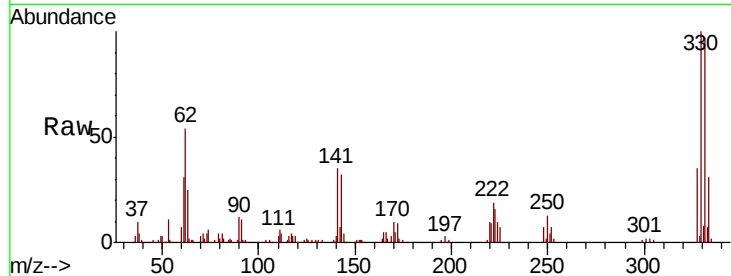
#41
 2,4,6-Tribromophenol
 Concen: 90.574 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109622.D
 Acq: 5 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127455		
332	95.7	77.0	115.6	
141	34.0	29.9	44.9	

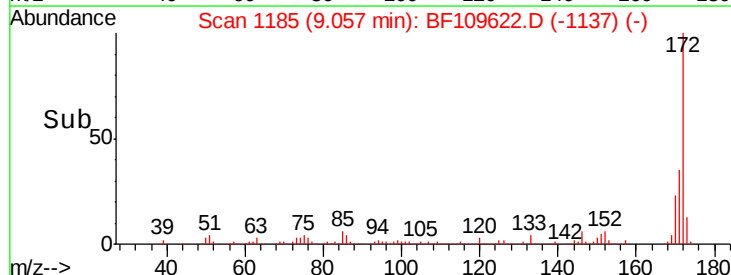
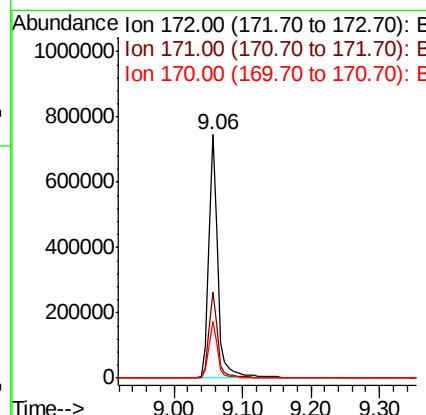
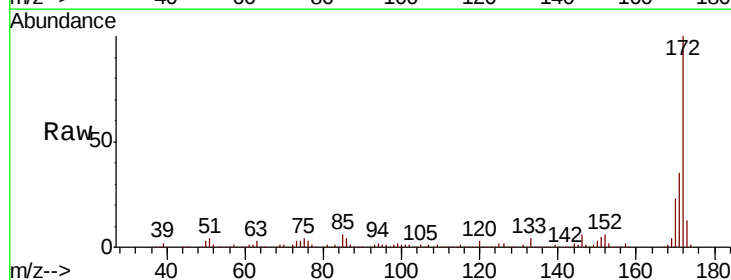
Manual Integrations
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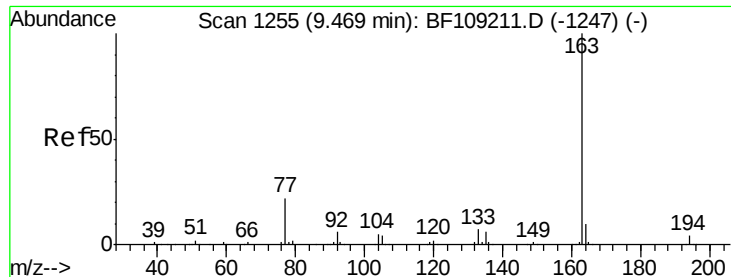
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#44
 2-Fluorobiphenyl
 Concen: 76.898 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109622.D
 Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	727818		
171	35.3	29.7	44.5	
170	23.4	19.6	29.4	





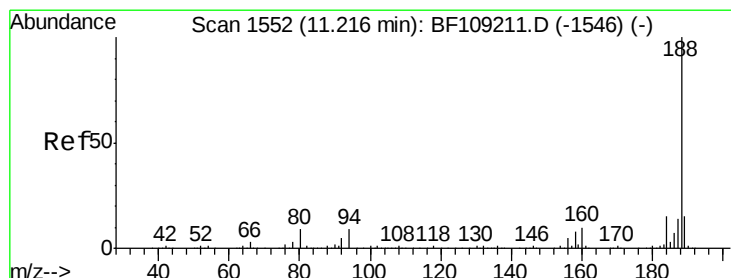
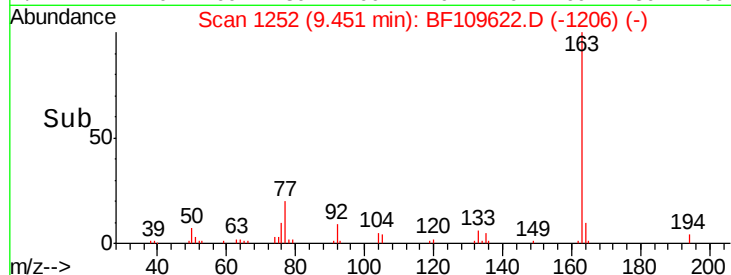
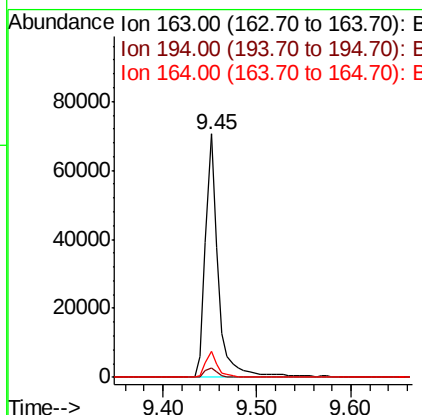
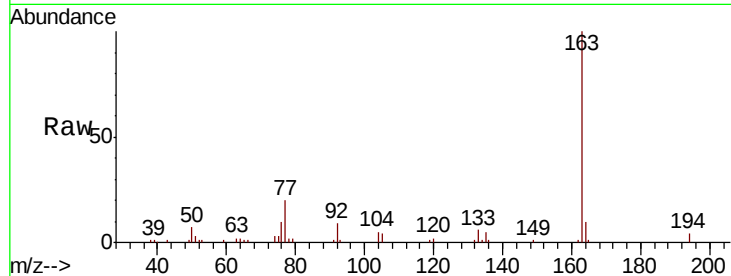
#49
Dimethylphthalate
Concen: 6.521 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2

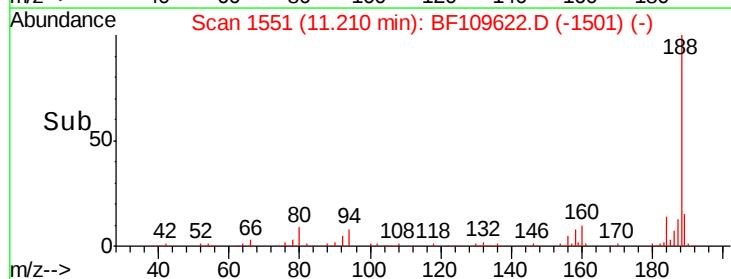
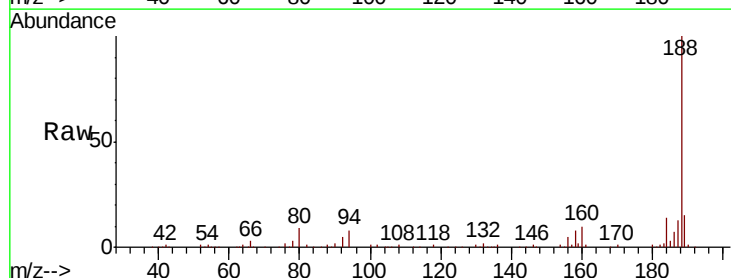
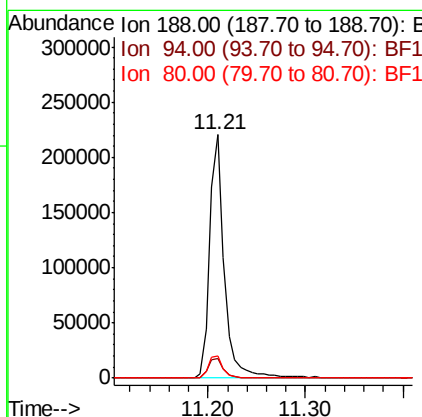
Manual Integrations
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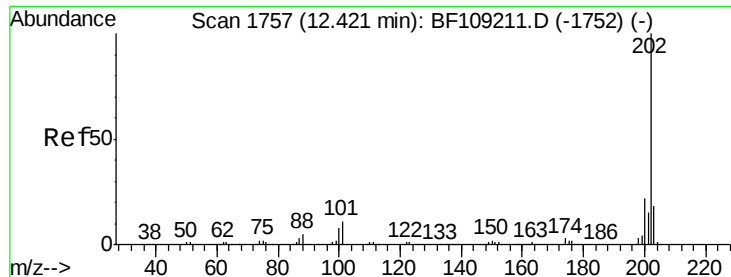
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.9	9.2	13.8#





#74

Fluoranthene

Concen: 3.141 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109622.D

Acq: 5 Oct 2018 21:32

Instrument :

BNA_F

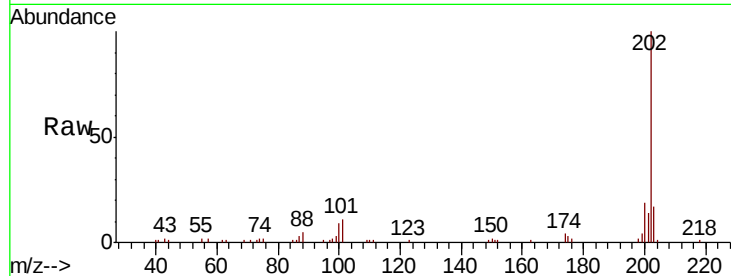
ClientSampled :

TRACK-D-2

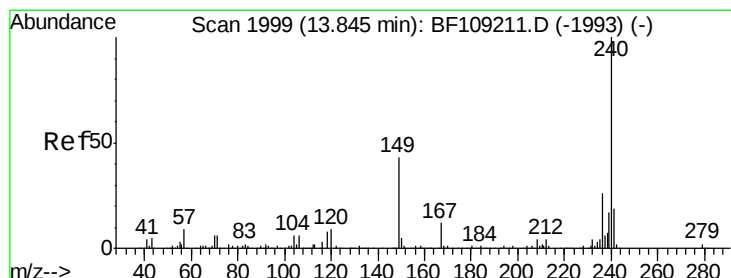
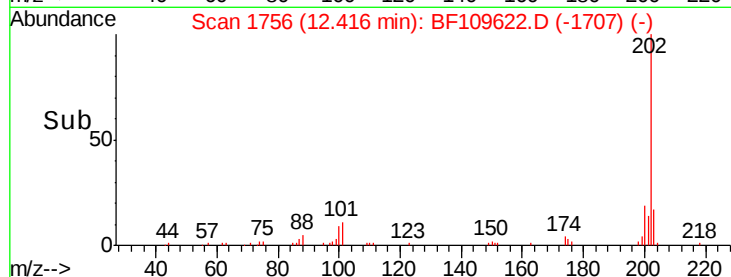
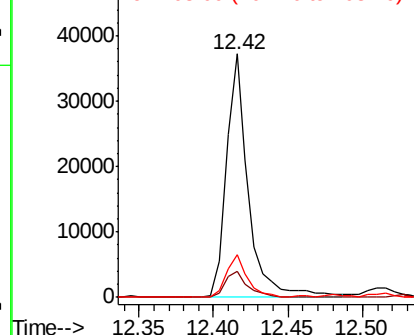
Tot Ion:	202	Resp:	38520
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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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

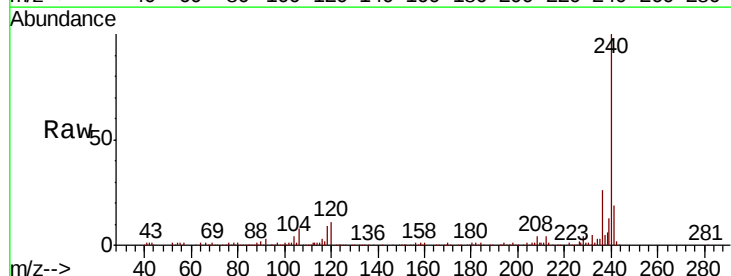
RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

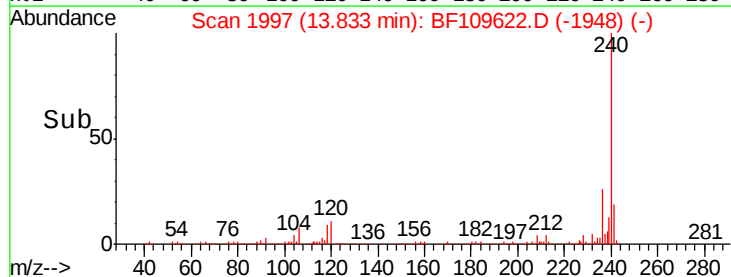
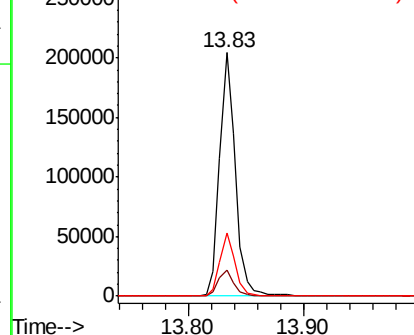
Lab File: BF109622.D

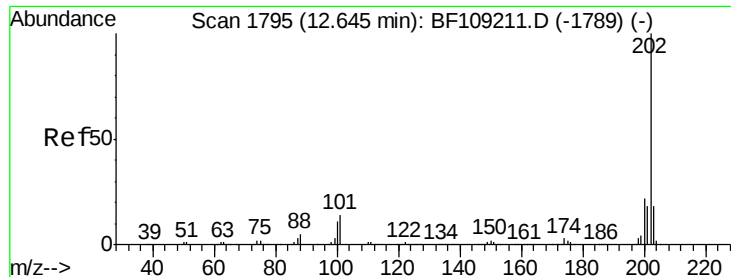
Acq: 5 Oct 2018 21:32

Tgt Ion:	240	Resp:	193952
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.0	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





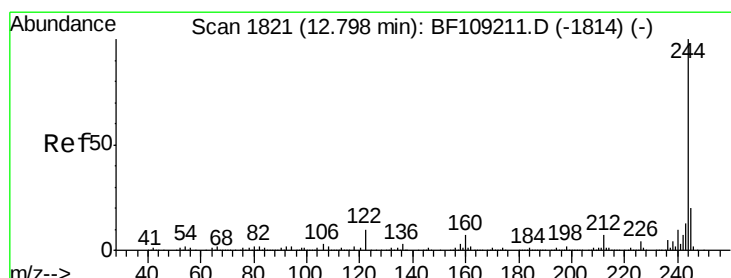
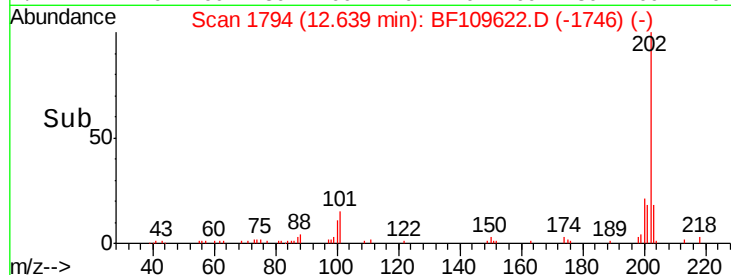
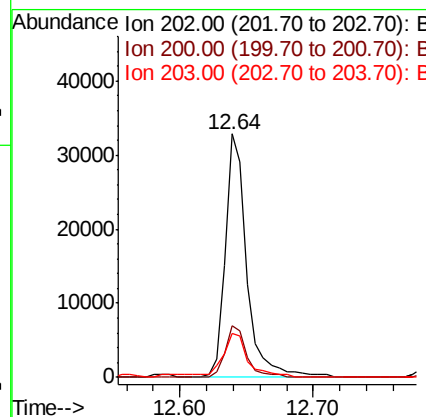
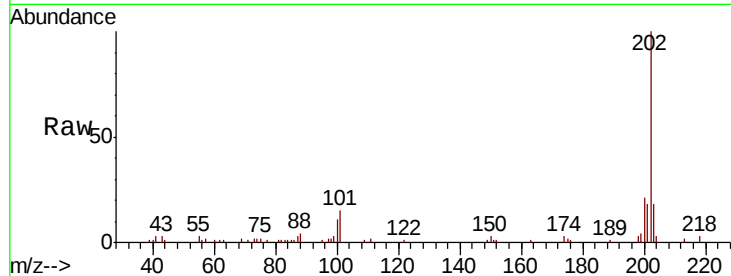
#77
Pvrene
Concen: 2.684 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5

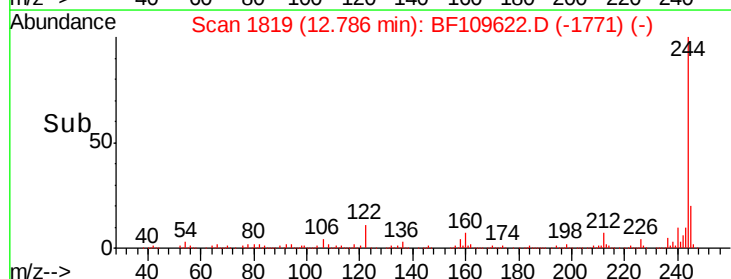
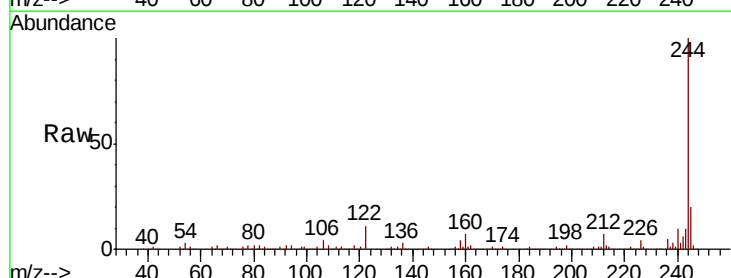
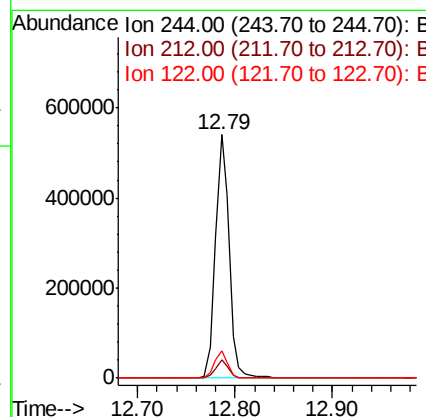
Manual Integrations
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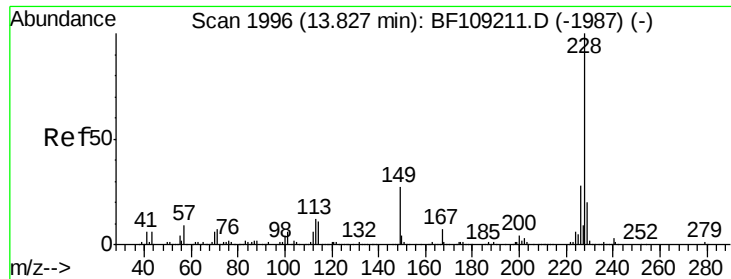
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#78
Terphenyl-d14
Concen: 66.522 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.3	11.0	16.4





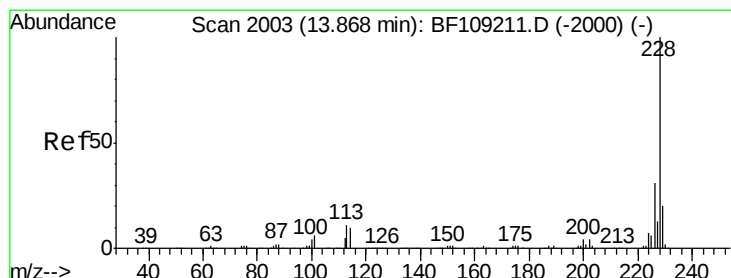
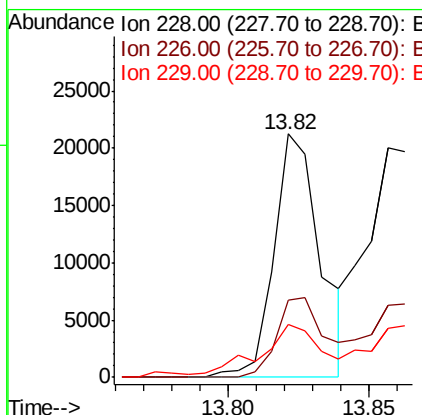
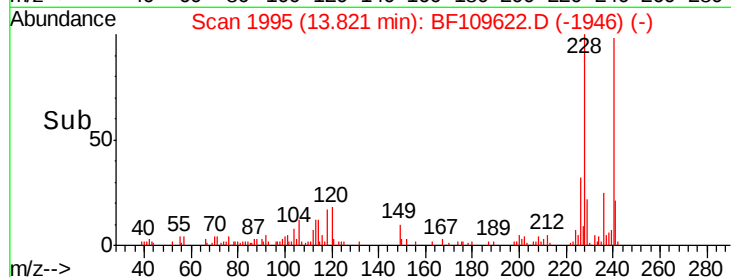
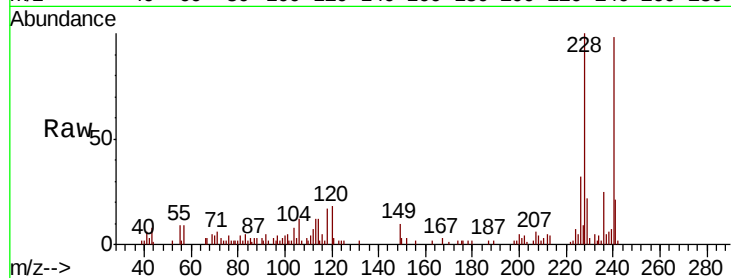
#80
Benzo(a)anthracene
Concen: 2.074 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	21.7	15.8	23.6

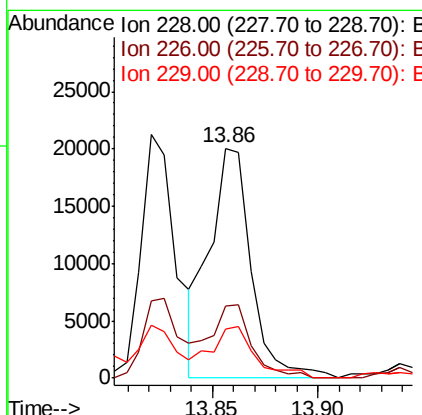
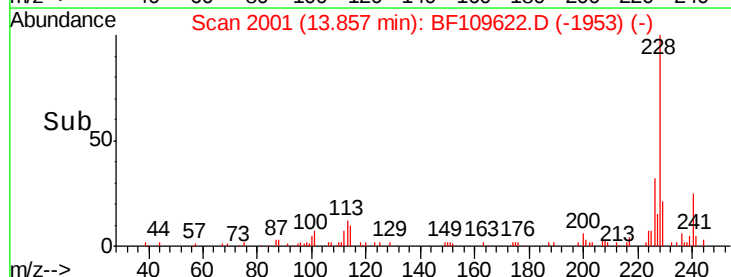
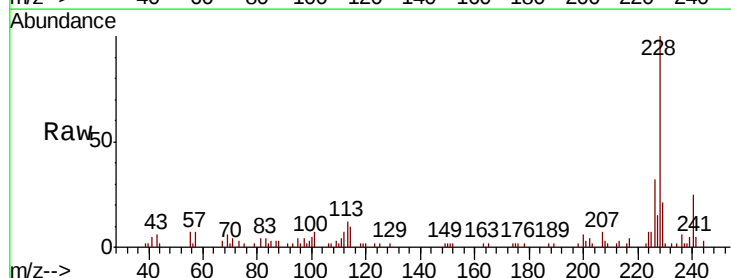
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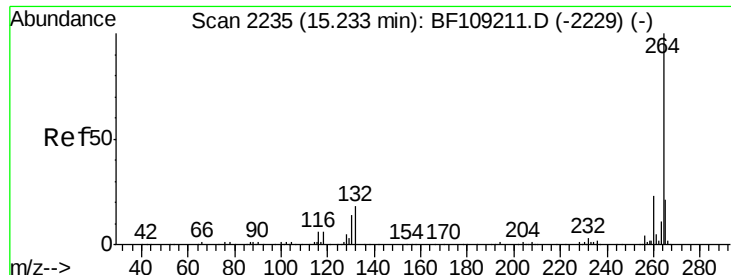
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#82
Chrysene
Concen: 2.390 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.1	16.2	24.4





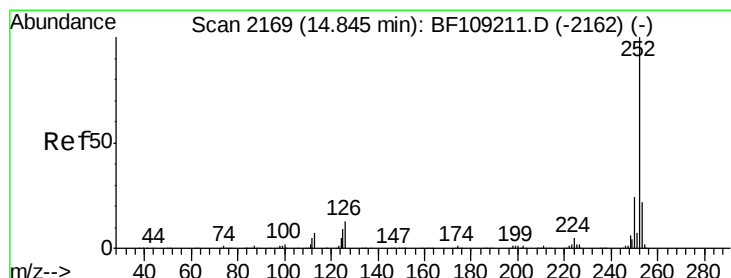
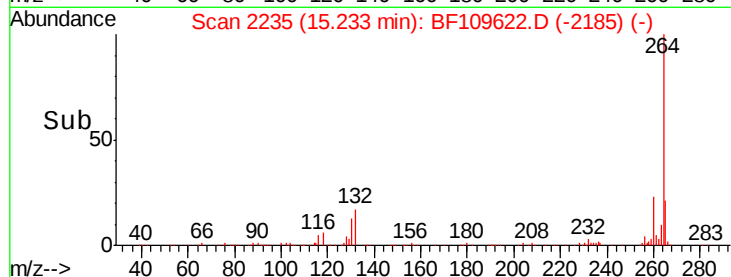
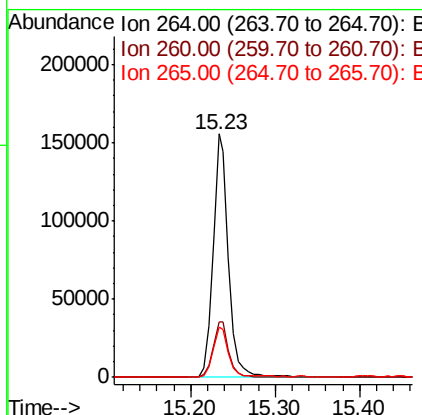
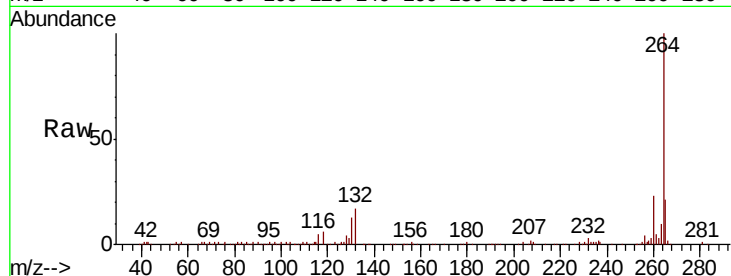
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.7	17.5	26.3

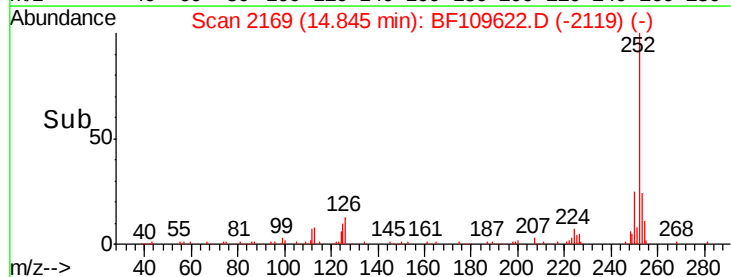
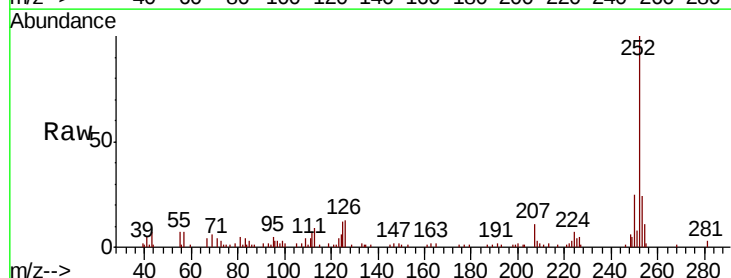
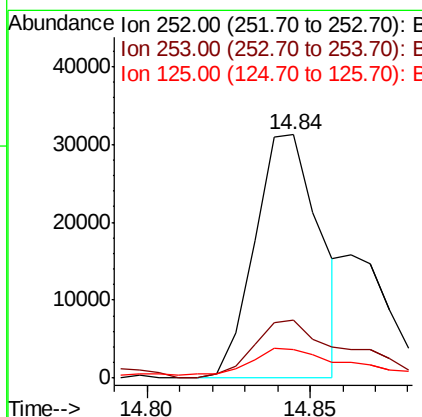
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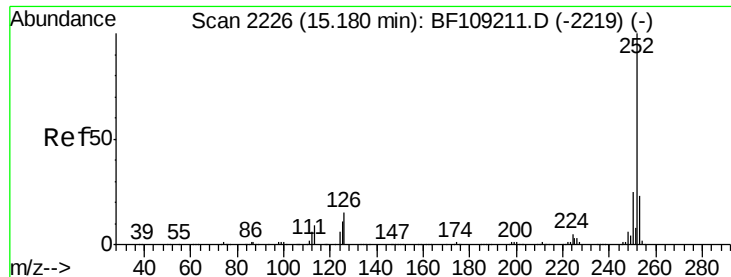
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#87
Benzo(b)fluoranthene
Concen: 3.921 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109622.D
Acq: 5 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.9	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 2.016 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF109622.D
 Acq: 5 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-2

Tot Ion:	252	Resp:	20054
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	13.9	9.8	14.6

Manual Integrations
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