

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109621.D
 Acq On : 5 Oct 2018 21:03
 Operator : JU/SJ
 Sample : J5255-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-1

Manual Integrations
 APPROVED

Sohil
 10/8/2018 12:21:25 PM

Quant Time: Oct 06 06:41:45 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	89236	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	355179	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	156768	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	259135	20.00	ng	0.00
75) Chrysene-d12	13.83	240	197863	20.00	ng	-0.01
86) Perylene-d12	15.24	264	203375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	472091	87.14	ng	0.01
7) Phenol-d6	6.35	99	621089	89.84	ng	0.00
23) Nitrobenzene-d5	7.26	82	403531	67.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	134483	87.02	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	738007	71.00	ng	-0.02
78) Terphenyl-d14	12.79	244	539985	66.98	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	19006	2.428	ng	Qvalue # 47
49) Dimethylphthalate	9.45	163	70103	6.148	ng	99
74) Fluoranthene	12.42	202	39645	2.867	ng	94
77) Pyrene	12.64	202	44030	3.105	ng	98
80) Benzo(a)anthracene	13.83	228	24986	2.097	ng	96
82) Chrysene	13.86	228	29729	2.517	ng	99
87) Benzo(b)fluoranthene	14.84	252	43408m	3.884	ng	
89) Benzo(a)pyrene	15.18	252	22562	2.241	ng	# 94

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

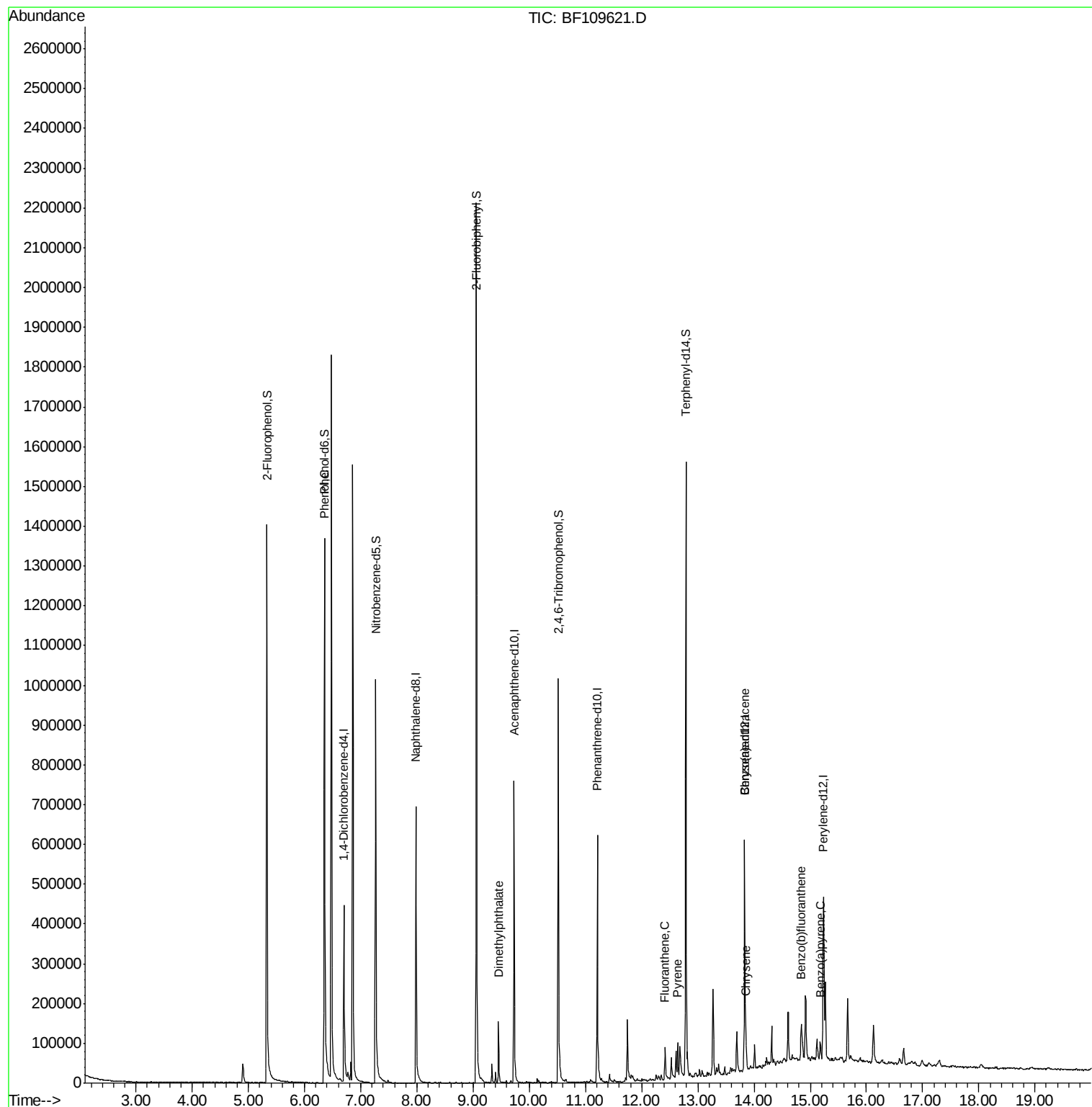
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109621.D
Acq On : 5 Oct 2018 21:03
Operator : JU/SJ
Sample : J5255-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

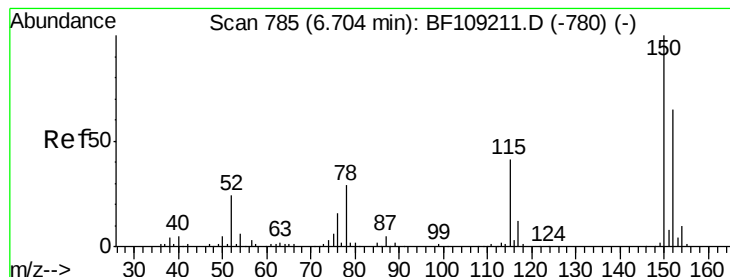
Instrument :
BNA_F
ClientSampleId :
TRACK-D-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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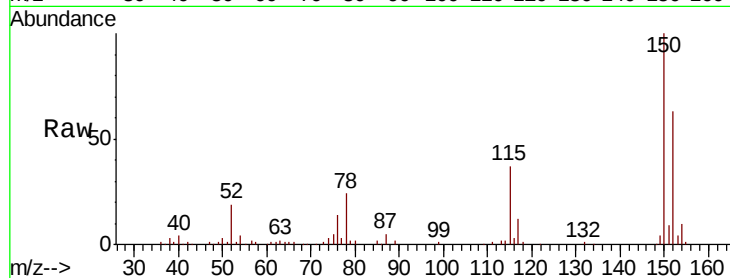
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109621.D
 Acq: 5 Oct 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	57.9	50.1	75.1

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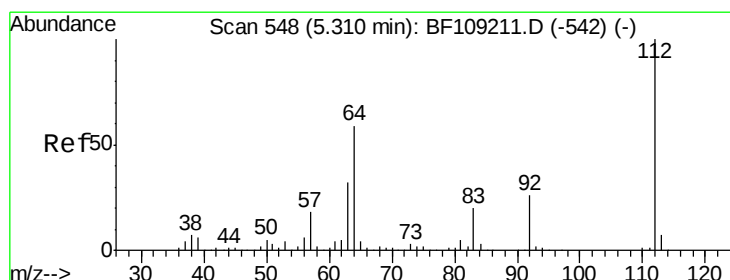
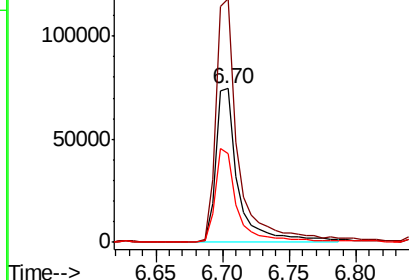
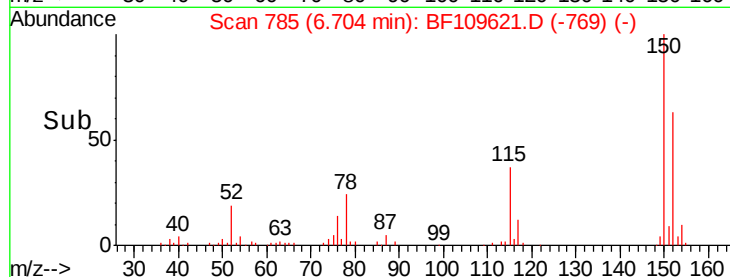


Abundance

Ion 152.00 (151.70 to 152.70): E

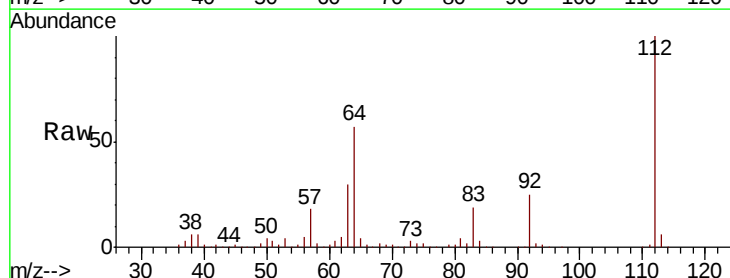
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 87.136 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109621.D
 Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	30.0	23.7	35.5

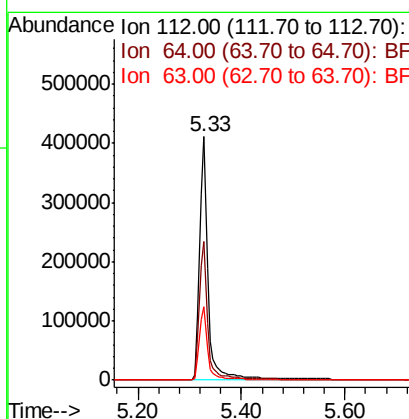
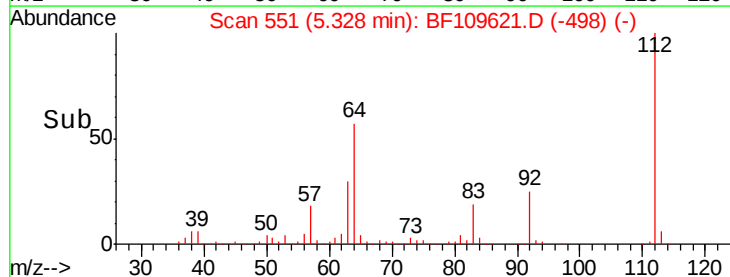


Abundance

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: 89.839 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Instrument :

BNA_F

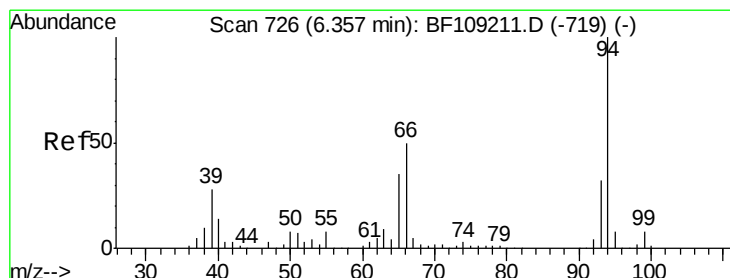
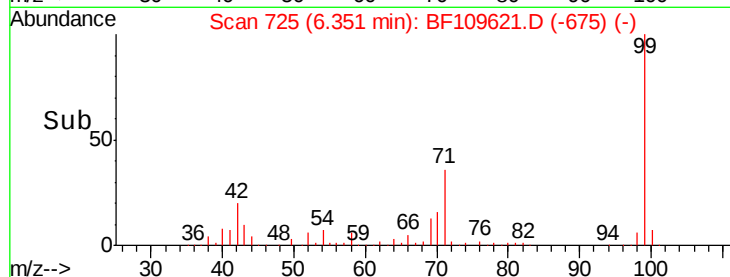
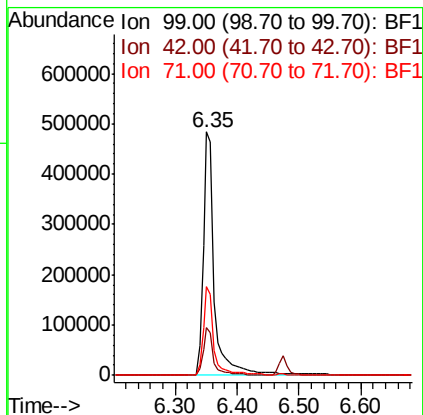
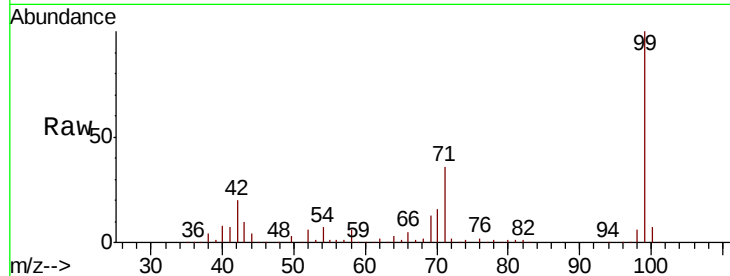
ClientSampleId :

TRACK-D-1

Tot Ion:	99	Resp:	621089
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	36.3	25.4	38.0

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#10

Phenol

Concen: 2.428 ng

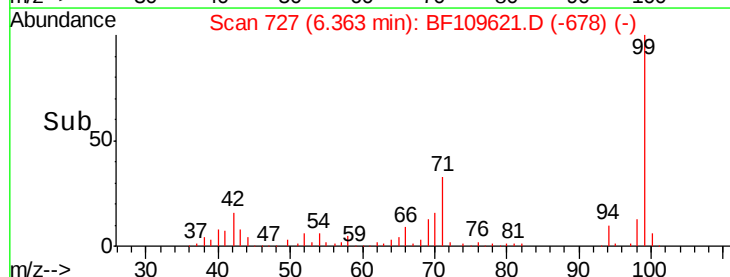
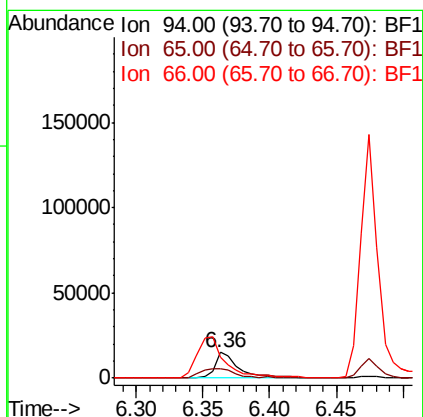
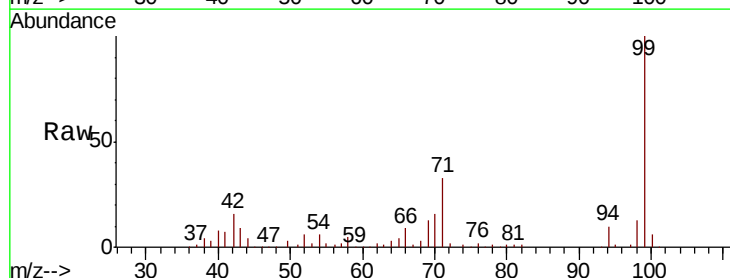
RT: 6.36 min Scan# 727

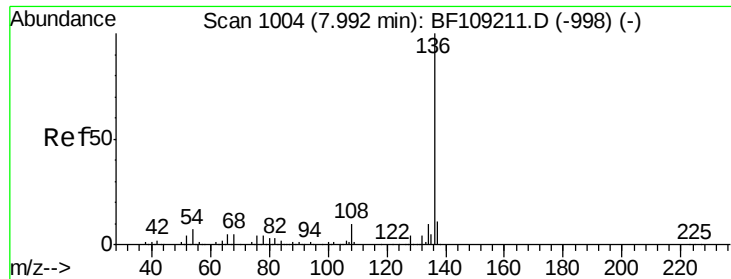
Delta R.T. -0.01 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Tgt Ion:	94	Resp:	19006
Ion	Ratio	Lower	Upper
94	100		
65	37.9	7.9	47.9
66	82.9	16.2	56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Instrument :

BNA_F

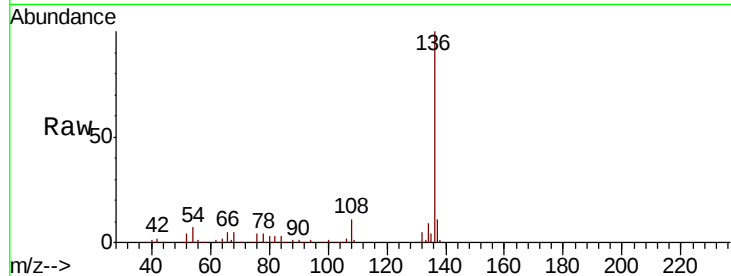
ClientSampled :

TRACK-D-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	355179		
137	11.0	8.9	13.3	
54	7.1	6.6	9.8	
68	5.5	5.0	7.4	

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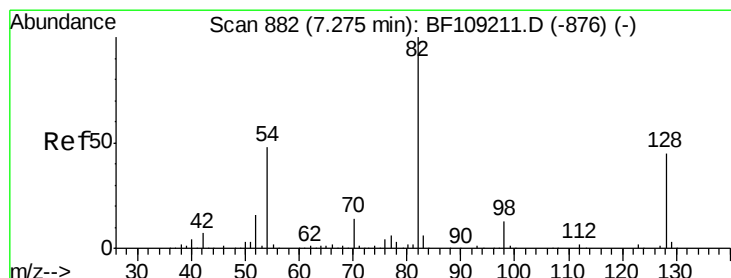
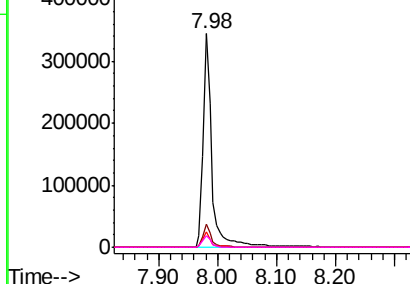
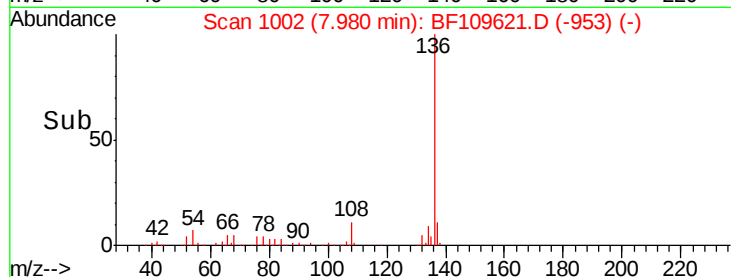
Abundance

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: 67.068 ng

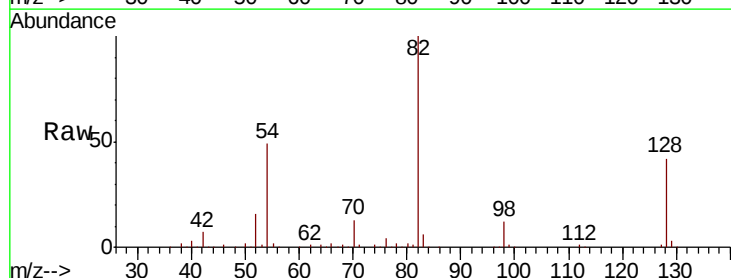
RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	403531		
128	42.1	36.1	54.1	
54	48.7	41.4	62.2	

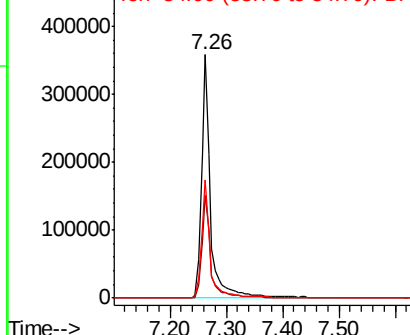
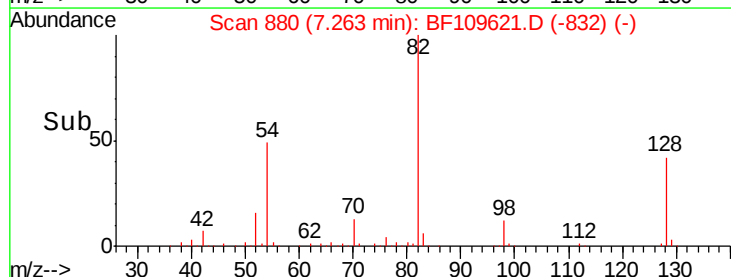


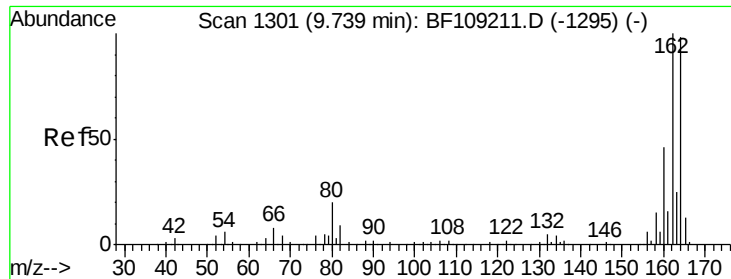
Abundance

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





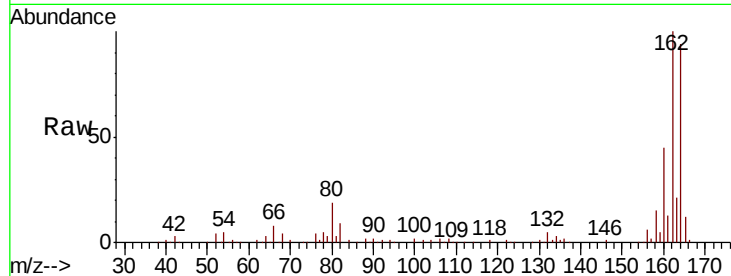
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Instrument :
BNA_F
ClientSampled :
TRACK-D-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.2	86.1	129.1	
160	47.3	38.3	57.5	

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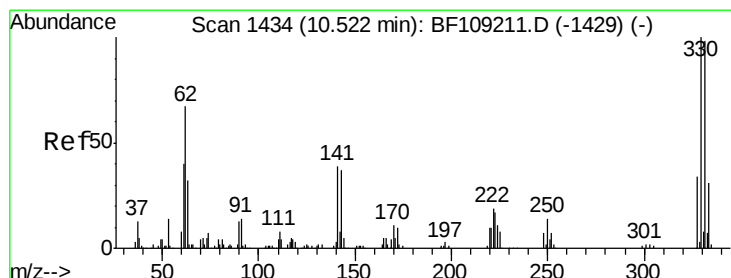
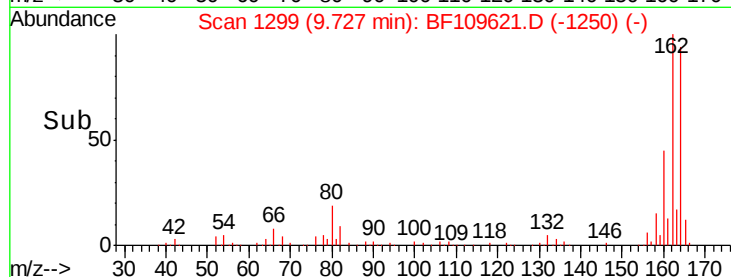
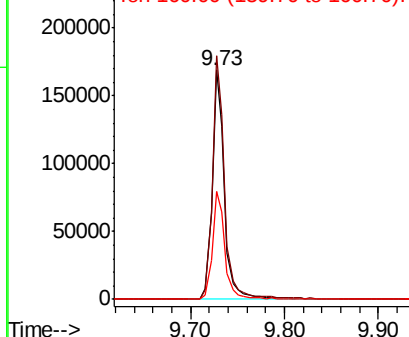


Abundance

Ion 164.00 (163.70 to 164.70): E

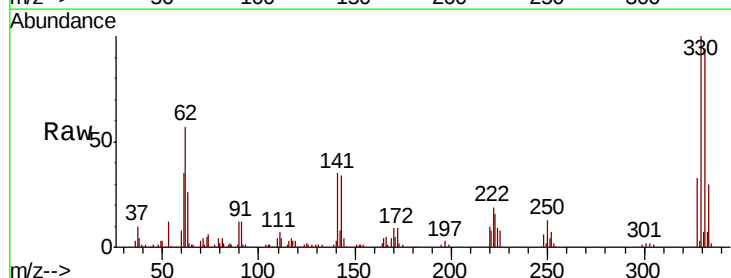
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 87.021 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	34.0	29.9	44.9	

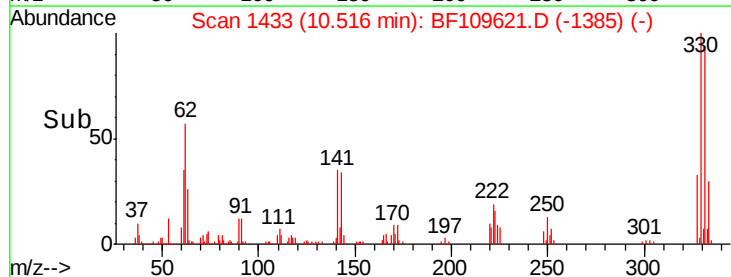
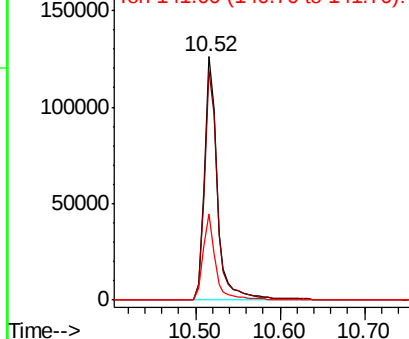


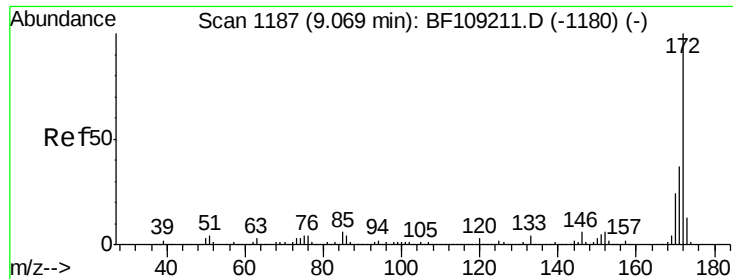
Abundance

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





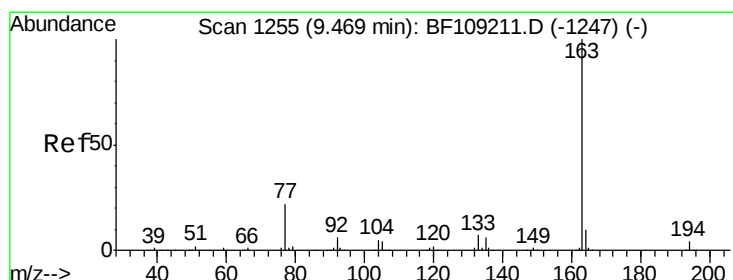
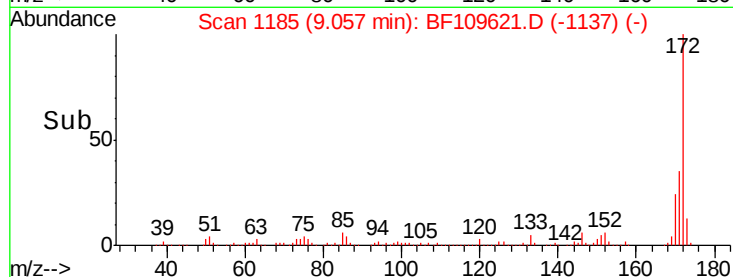
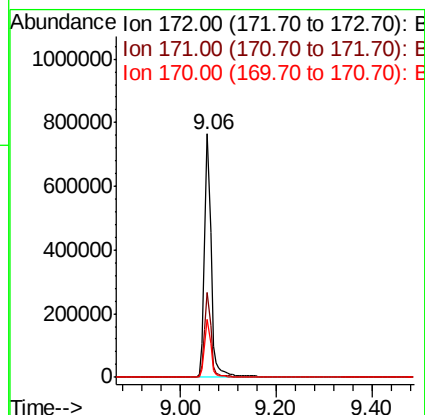
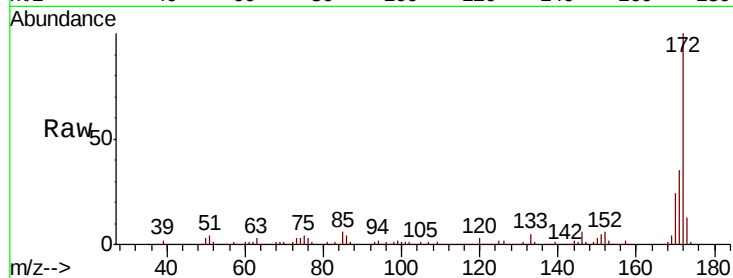
#44
2-Fluorobiphenyl
Concen: 71.000 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Instrument :
BNA_F
ClientSampleId :
TRACK-D-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.7	19.6	29.4

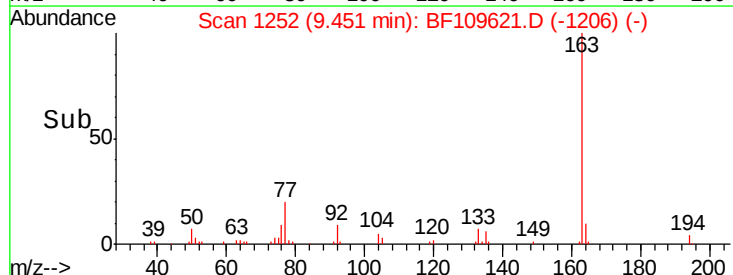
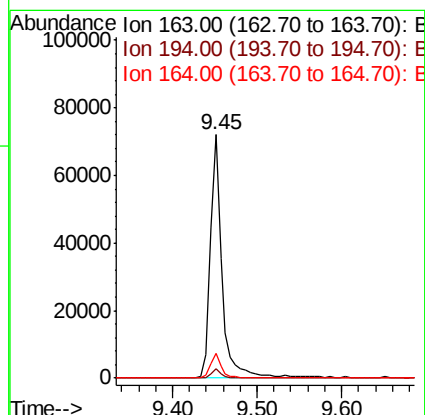
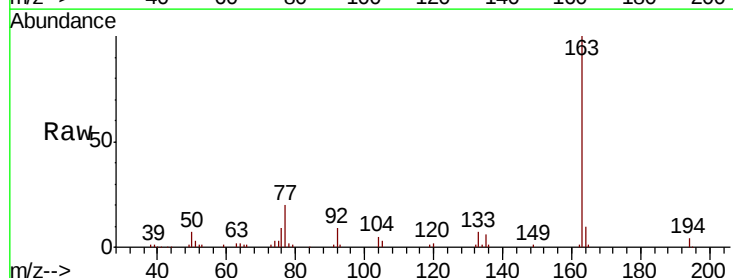
Manual Integrations
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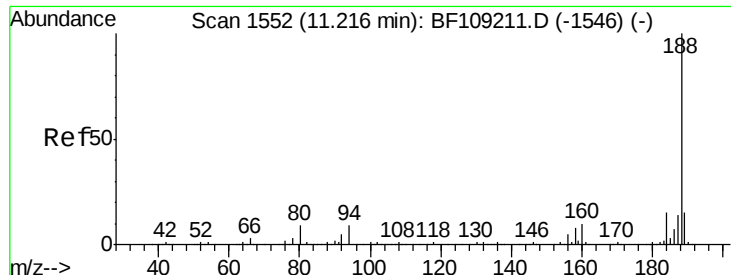
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#49
Dimethylphthalate
Concen: 6.148 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2





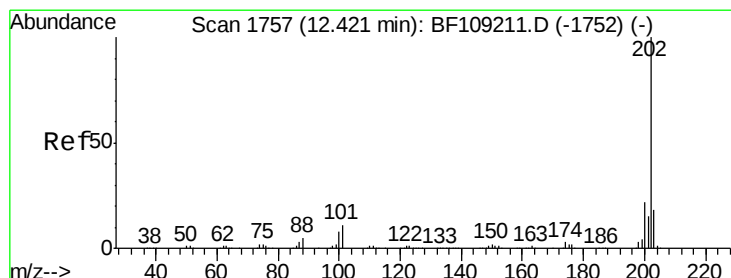
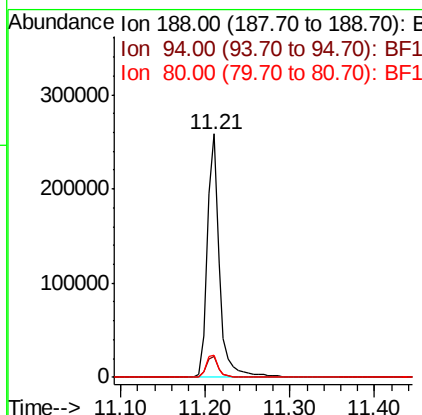
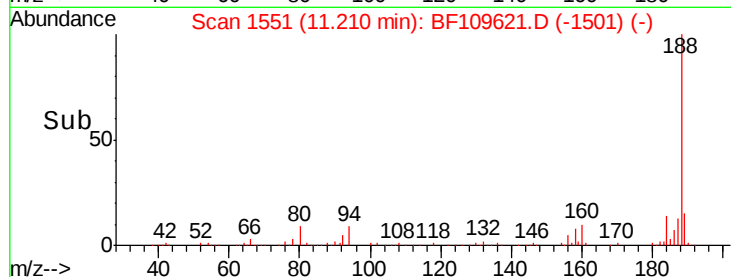
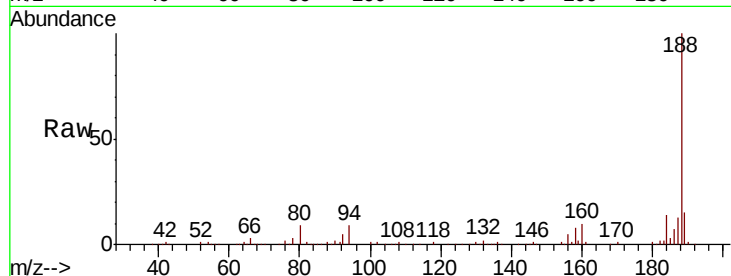
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Instrument :
BNA_F
ClientSampleId :
TRACK-D-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.0	9.2	13.8#

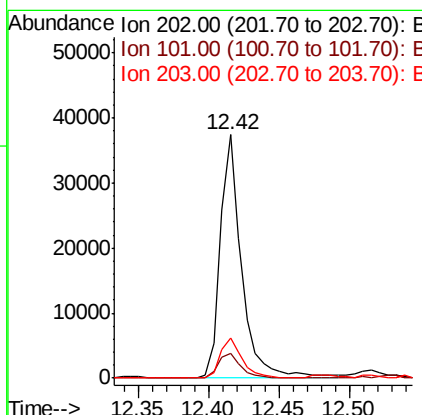
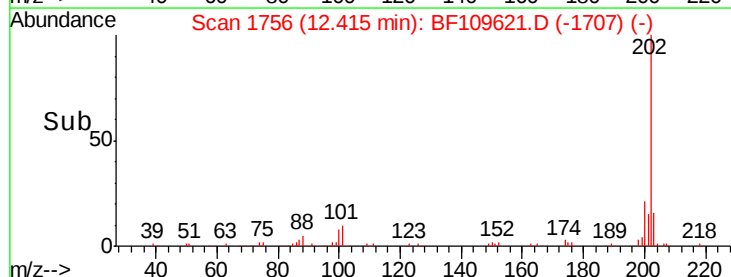
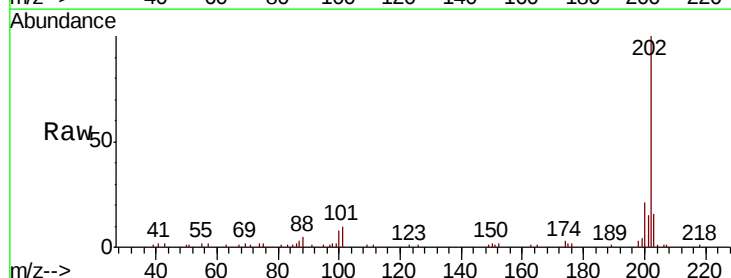
Manual Integrations
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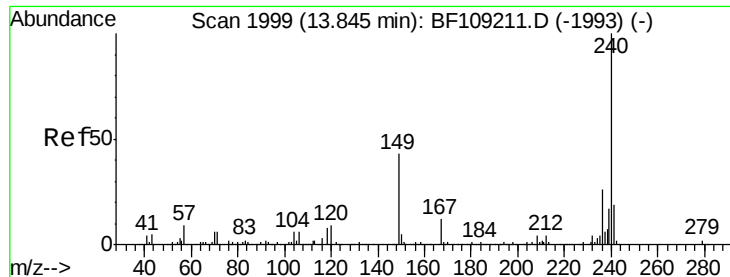
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#74
Fluoranthene
Concen: 2.867 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Instrument :

BNA_F

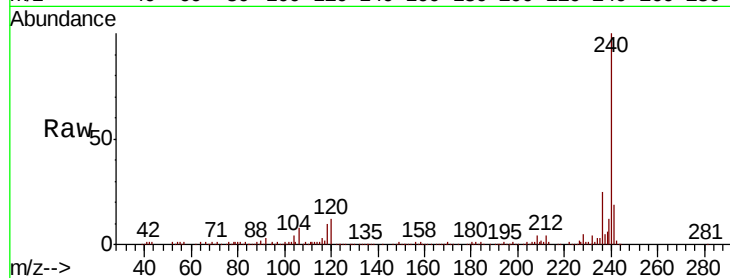
ClientSampled :

TRACK-D-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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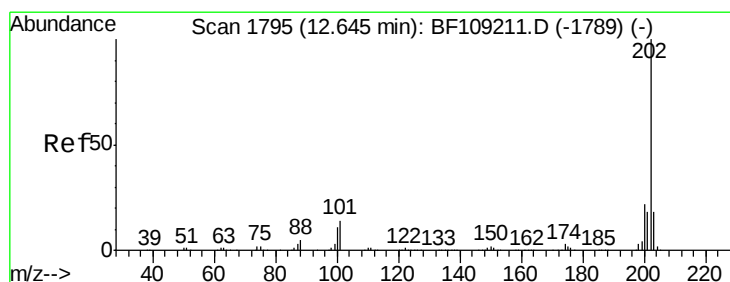
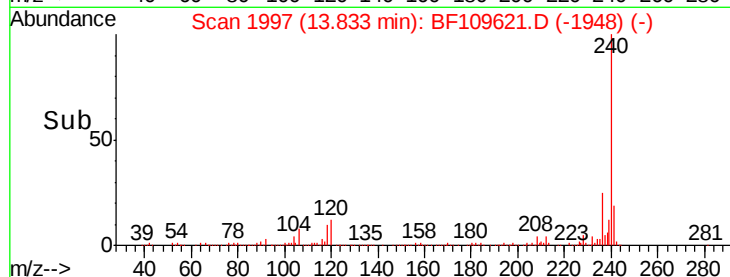
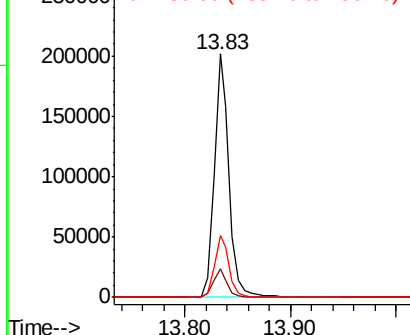


Abundance

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: 3.105 ng

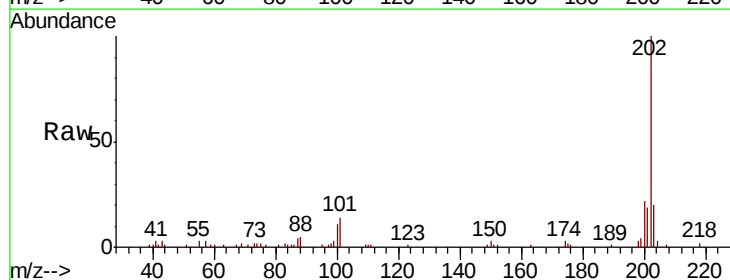
RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.6	14.3	21.5

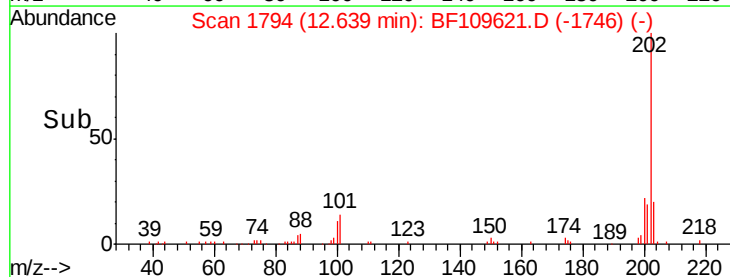
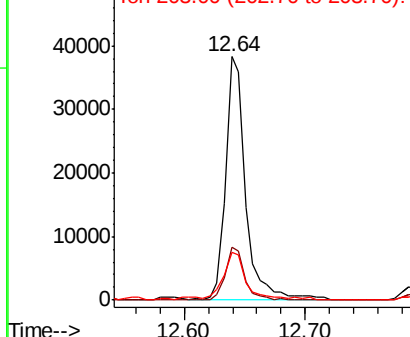


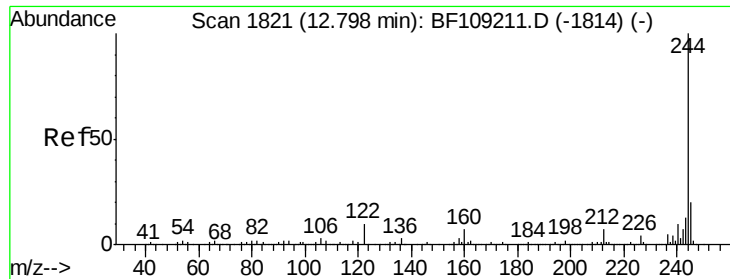
Abundance

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





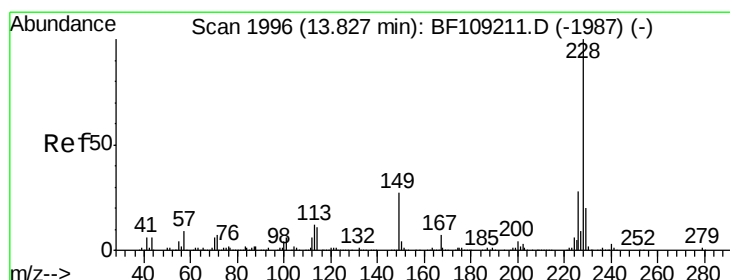
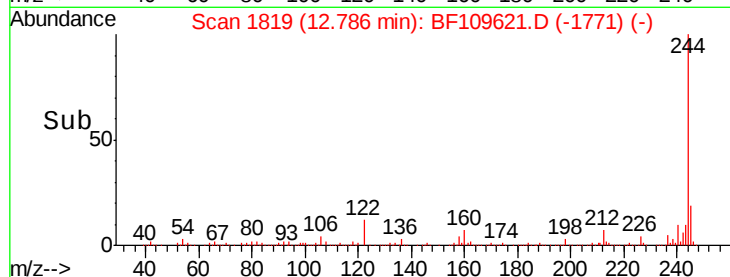
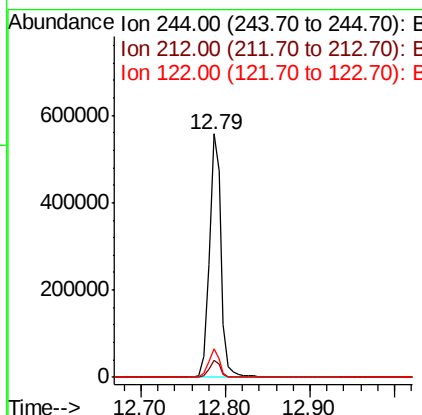
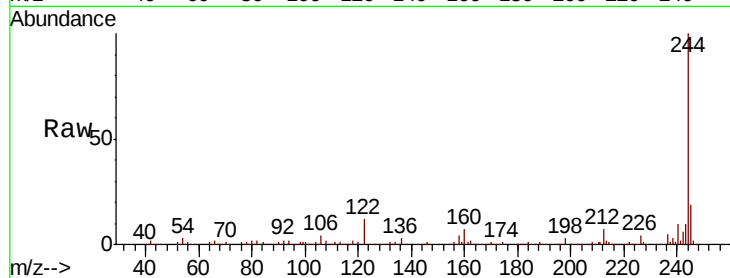
#78
 Terphenyl-d14
 Concen: 66.976 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BF109621.D
 Acq: 5 Oct 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.6	11.0	16.4

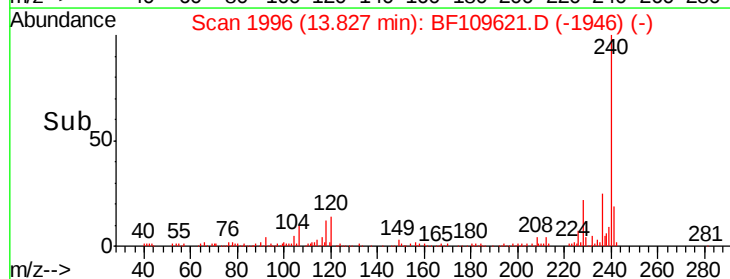
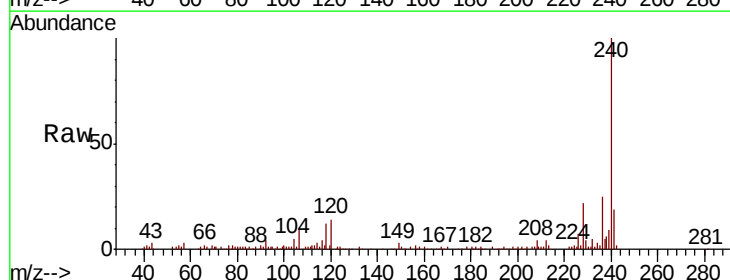
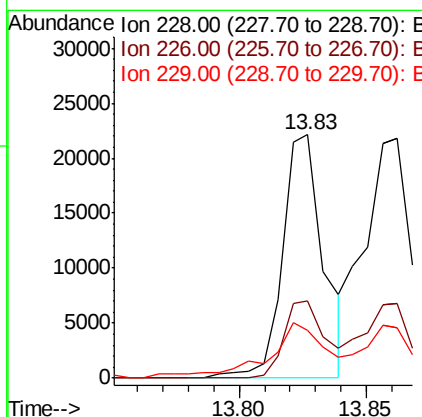
Manual Integrations
 APPROVED

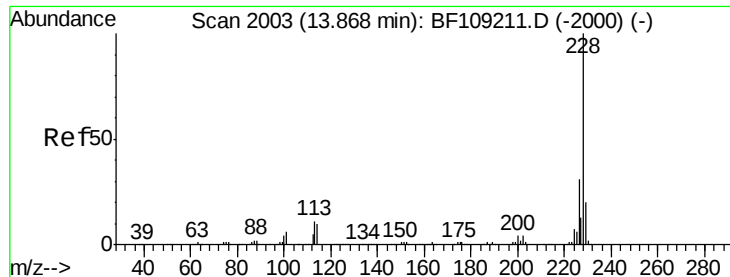
Sohil
 10/8/2018 12:21:25 PM



#80
 Benzo(a)anthracene
 Concen: 2.097 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109621.D
 Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	19.5	15.8	23.6





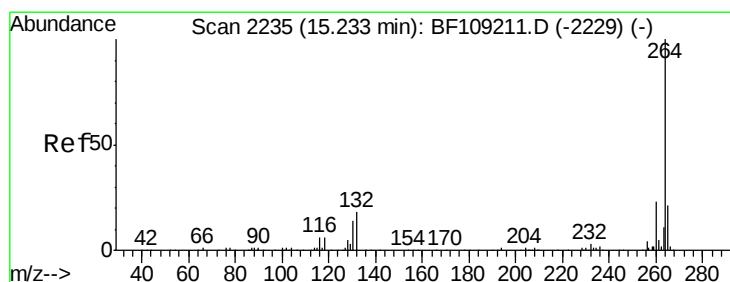
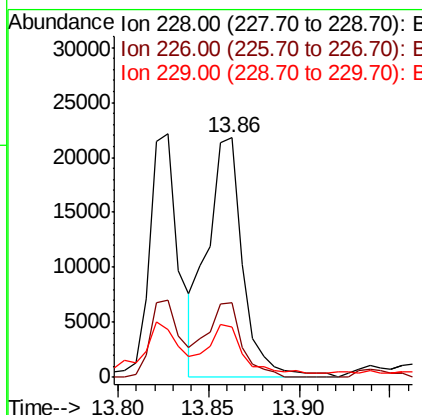
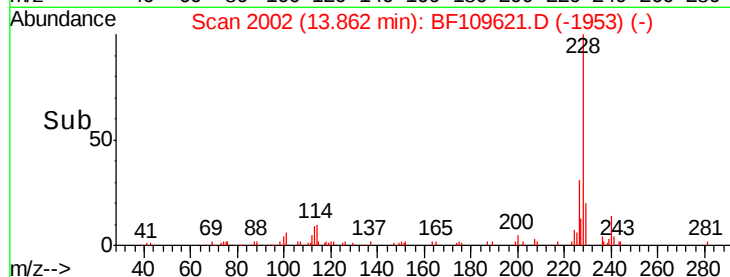
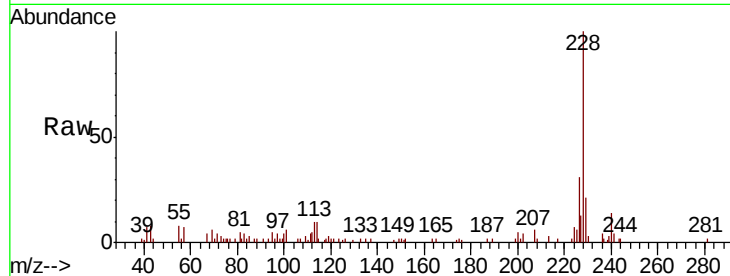
#82
Chrysene
Concen: 2.517 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Instrument :
BNA_F
ClientSampleId :
TRACK-D-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.1	16.2	24.4

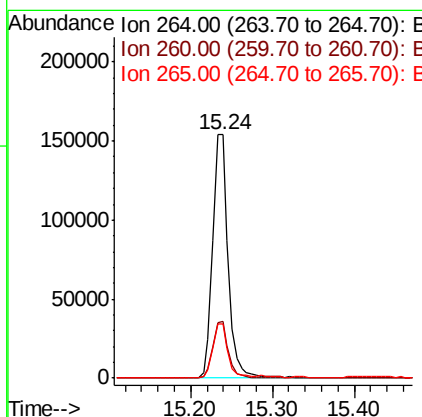
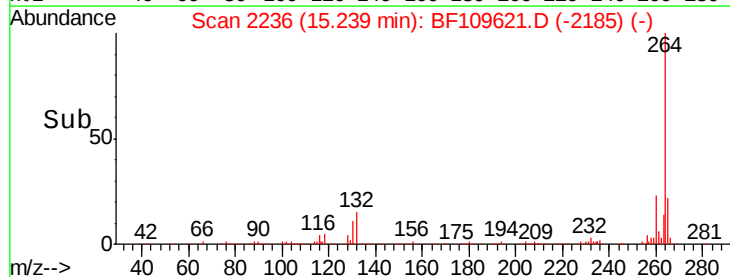
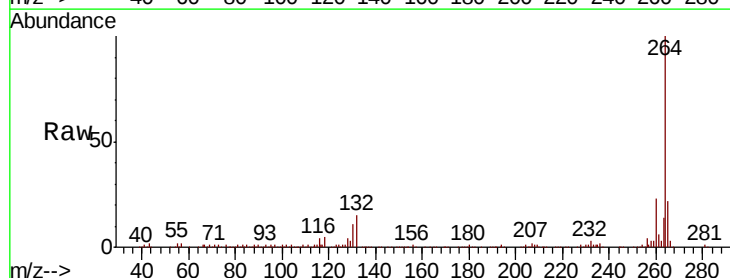
Manual Integrations
APPROVED

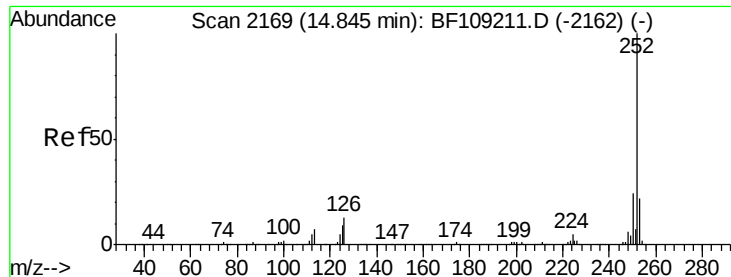
Sohil
10/8/2018 12:21:25 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109621.D
Acq: 5 Oct 2018 21:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.884 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Instrument :

BNA_F

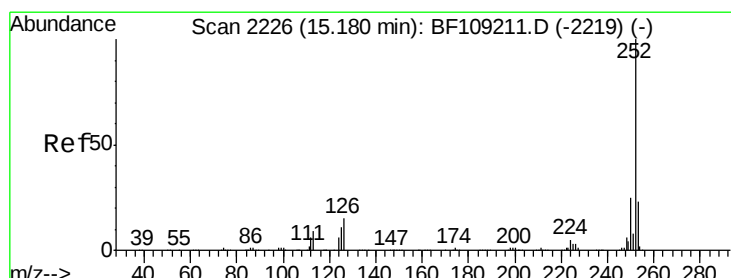
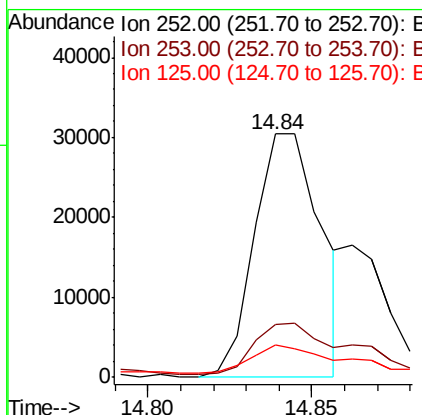
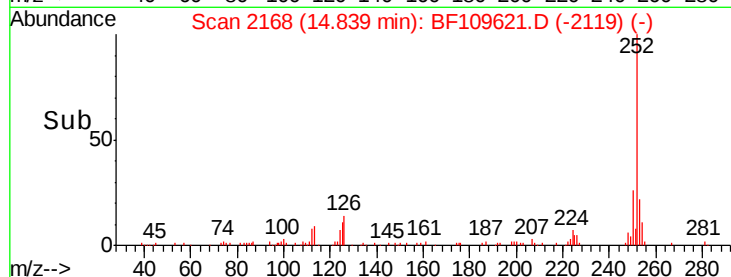
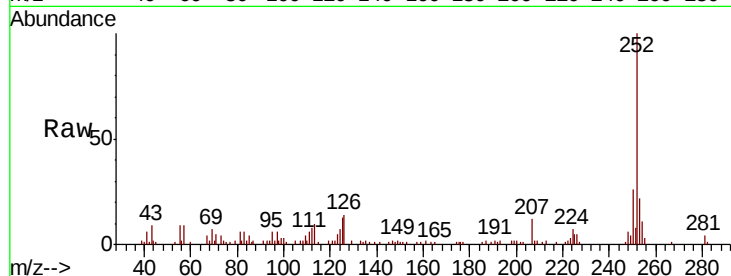
ClientSampleId :

TRACK-D-1

Tot Ion:	252	Resp:	43408
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	13.2	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/8/2018 12:21:25 PM



#89

Benzo(a)pyrene

Concen: 2.241 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109621.D

Acq: 5 Oct 2018 21:03

Tgt Ion:	252	Resp:	22562
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	15.0	9.8	14.6#

