

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109667.D
 Acq On : 9 Oct 2018 00:17
 Operator : JU/SJ
 Sample : J5287-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-4

Manual Integrations
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Sohil
 10/9/2018 2:57:44 PM

Quant Time: Oct 09 05:00:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107125	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	409044	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	162710	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	263395	20.00	ng	0.00
75) Chrysene-d12	13.83	240	231031	20.00	ng	0.00
86) Perylene-d12	15.22	264	196572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	649173	107.57	ng	0.00
7) Phenol-d6	6.35	99	896165	111.16	ng	0.00
23) Nitrobenzene-d5	7.26	82	567320	76.45	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	168782	95.20	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	928895	78.63	ng	0.00
78) Terphenyl-d14	12.78	244	693067	58.07	ng	0.00
Target Compounds						
10) Phenol	6.36	94	45079	4.876	ng	86
49) Dimethylphthalate	9.45	163	88065	7.380	ng	100
74) Fluoranthene	12.41	202	29005	2.106	ng	100
87) Benzo(b)fluoranthene	14.83	252	22865m	2.105	ng	

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

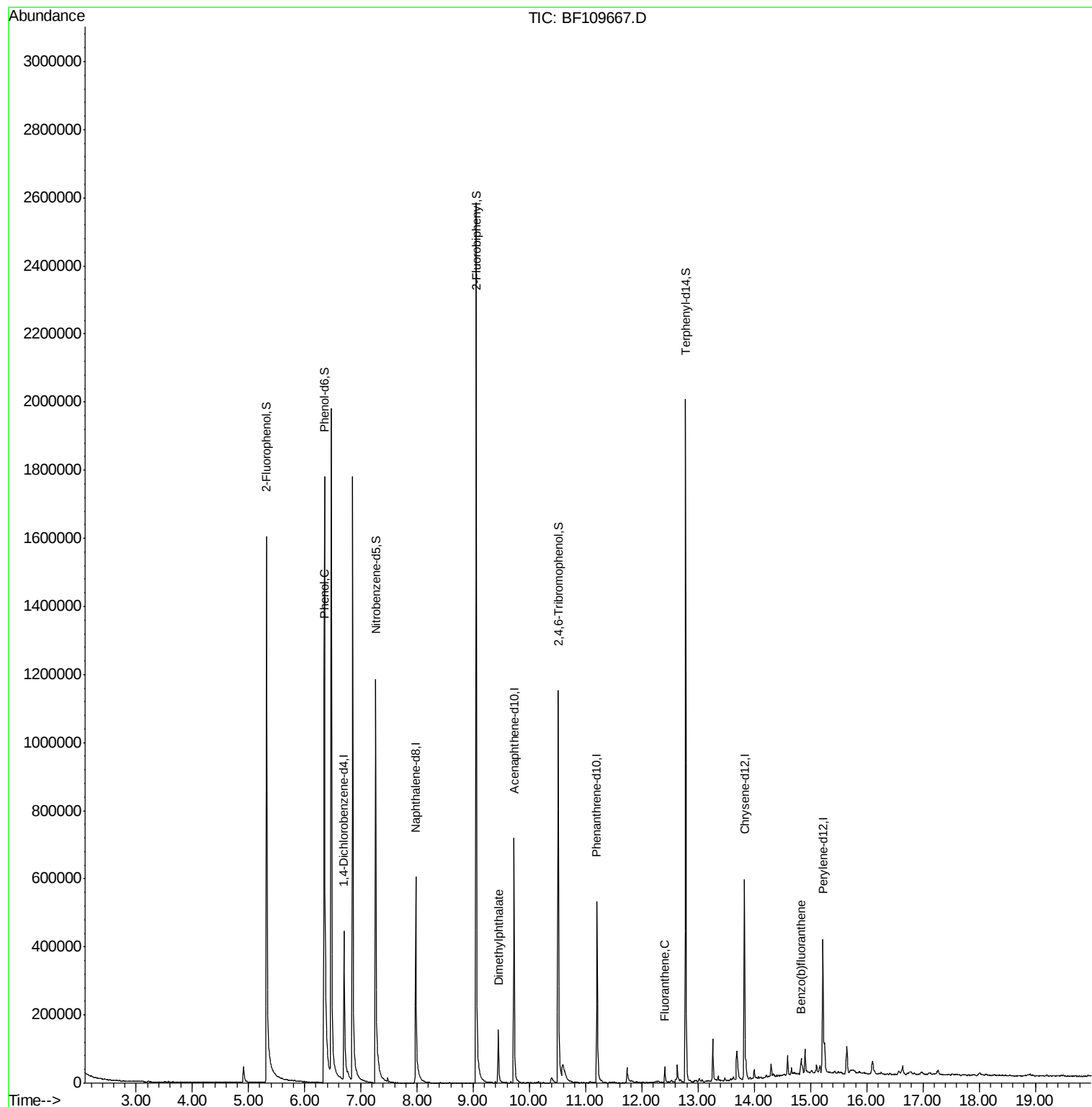
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109667.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

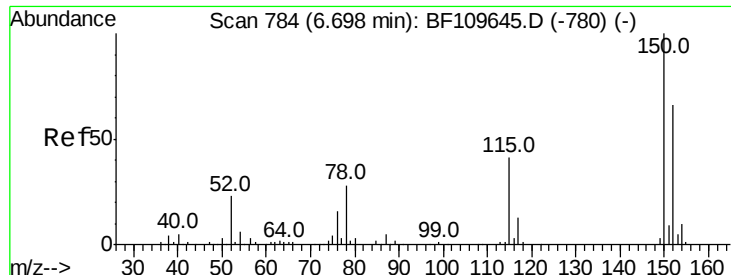
Instrument :
BNA_F
ClientSampleId :
TRACK-D-4

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#1

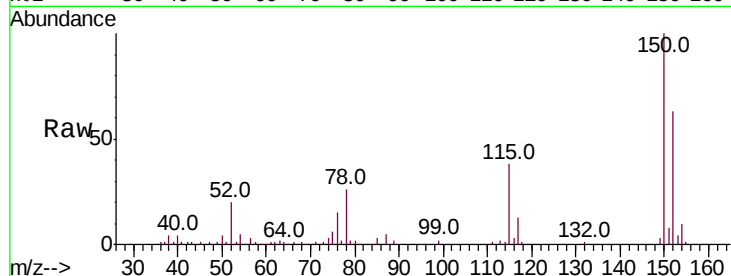
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Instrument :
BNA_F
ClientSampleId :
TRACK-D-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.7	184.1
115	60.4	49.1	73.7

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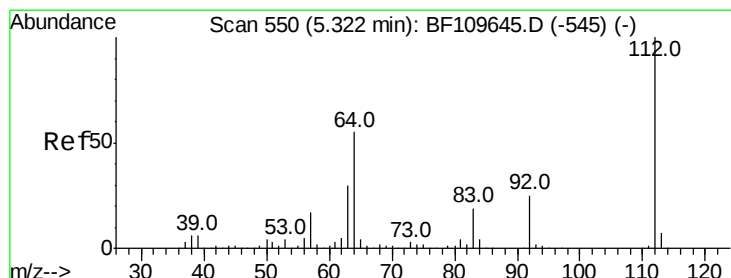
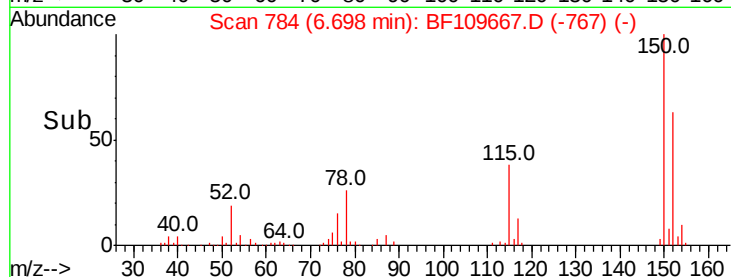
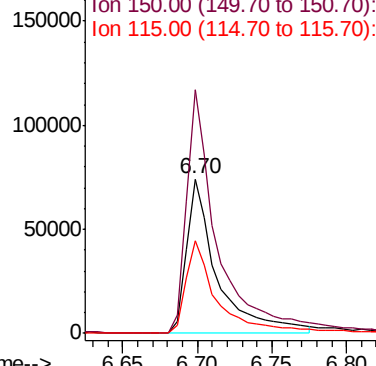


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

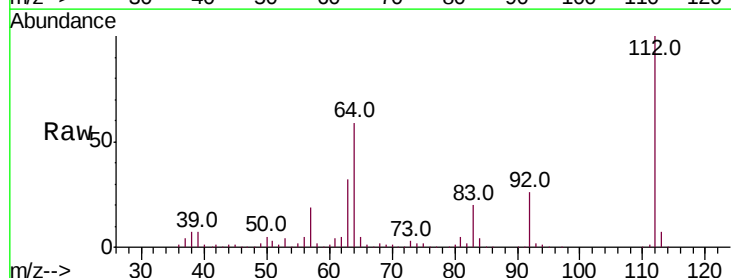
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.566 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.7	23.7	35.5

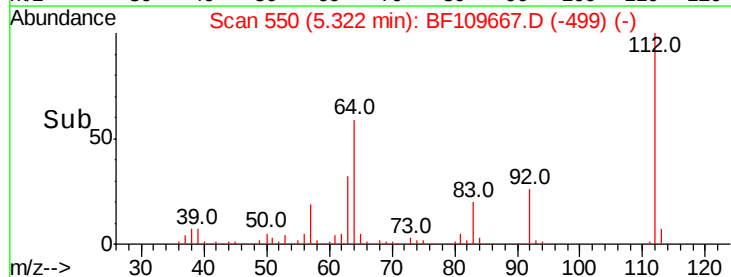
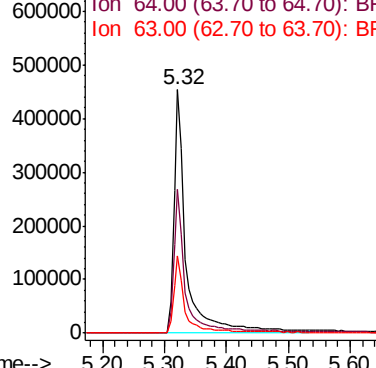


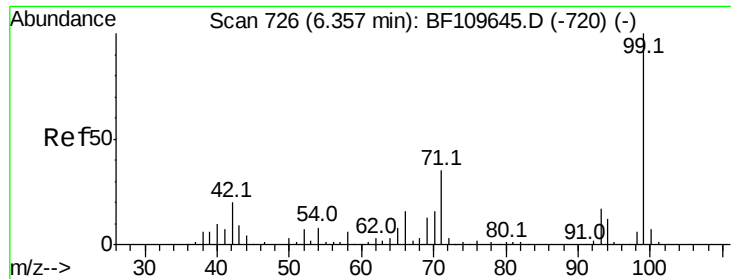
Abundance

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: 111.156 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109667.D

Acq: 9 Oct 2018 00:17

Instrument :

BNA_F

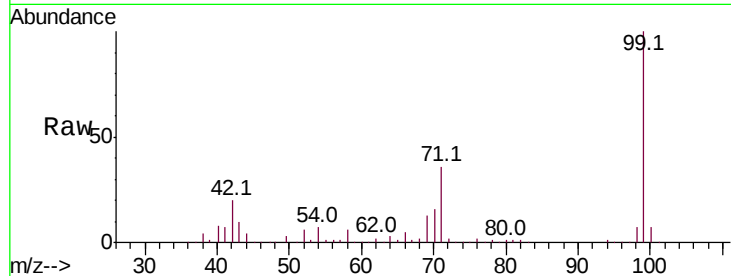
ClientSampled :

TRACK-D-4

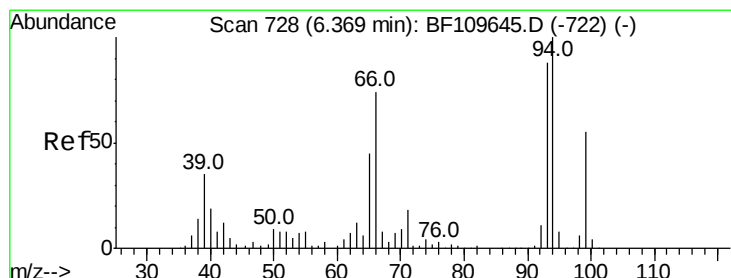
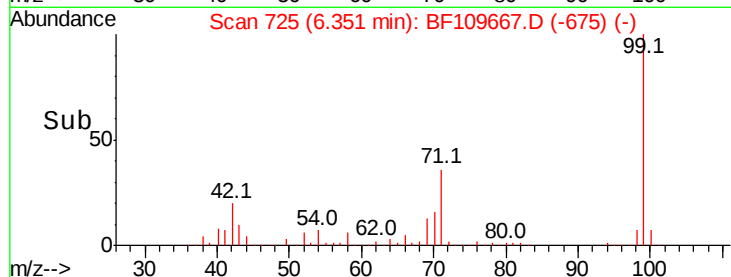
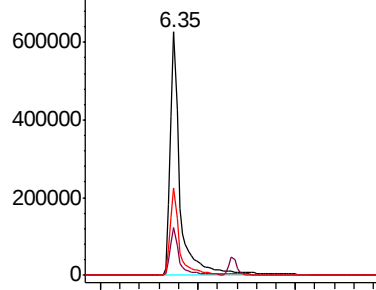
Tot Ion:	99	Resp:	896165
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.8	28.0	42.0

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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



#10

Phenol

Concen: 4.876 ng

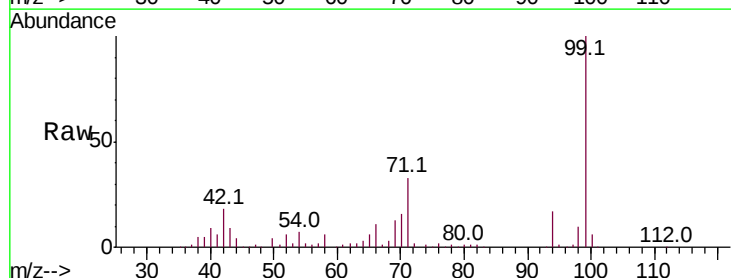
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

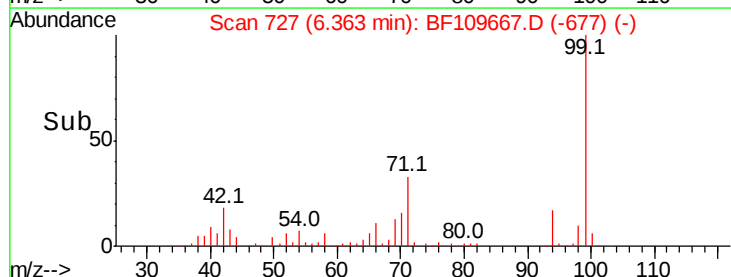
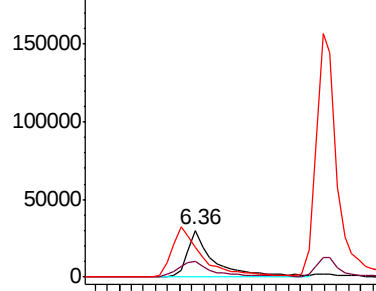
Lab File: BF109667.D

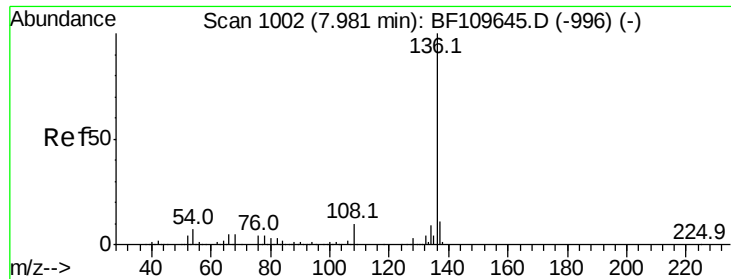
Acq: 9 Oct 2018 00:17

Tgt Ion:	94	Resp:	45079
Ion	Ratio	Lower	Upper
94	100		
65	33.8	25.3	65.3
66	64.9	54.5	94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





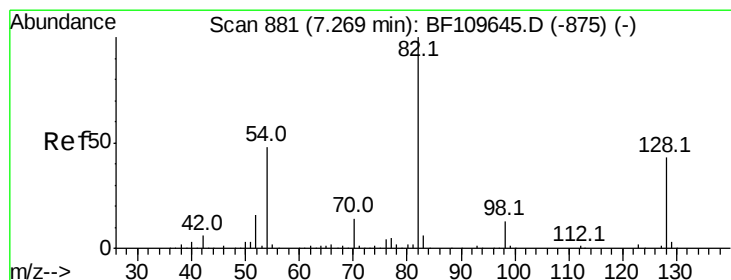
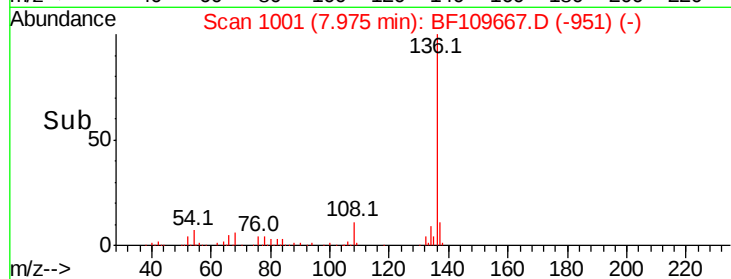
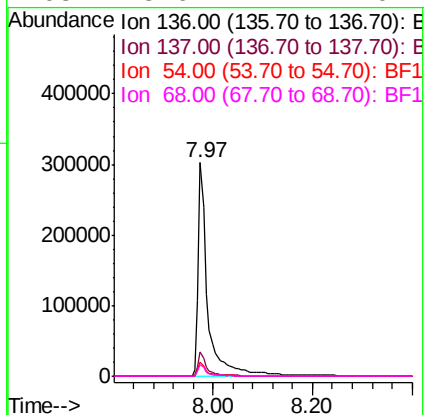
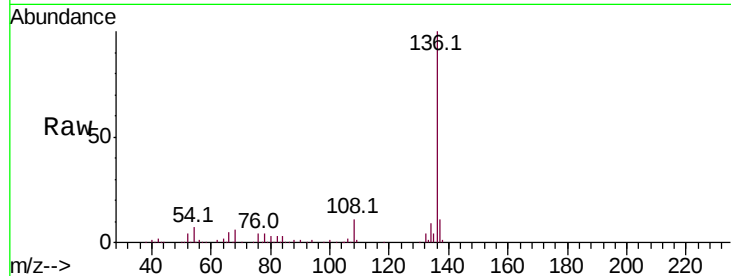
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Instrument :
BNA_F
ClientSampled :
TRACK-D-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	409044		
137	11.2		8.8	13.2
54	6.7		5.4	8.2
68	5.6		4.2	6.2

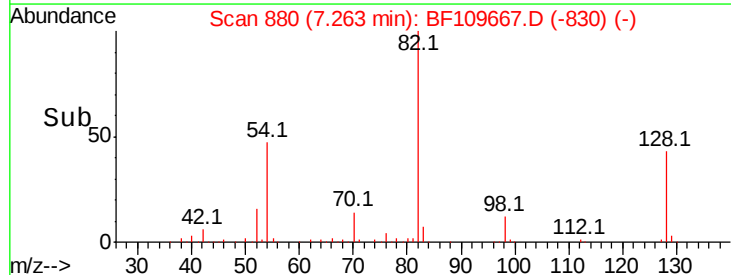
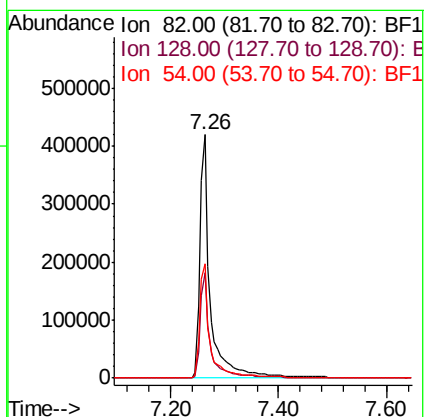
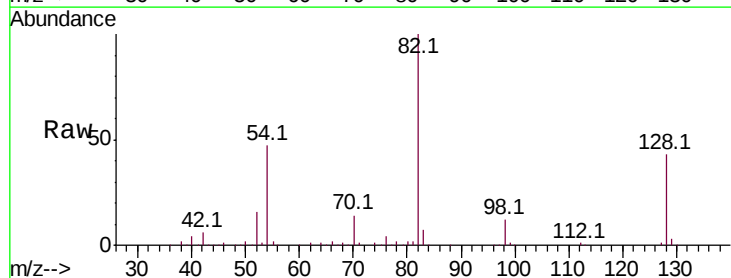
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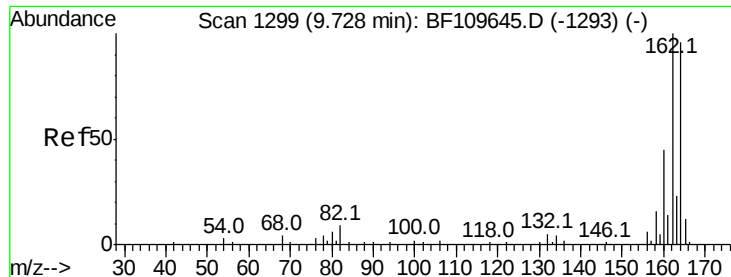
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#23
Nitrobenzene-d5
Concen: 76.453 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	567320		
128	43.2		34.2	51.2
54	47.0		38.6	58.0





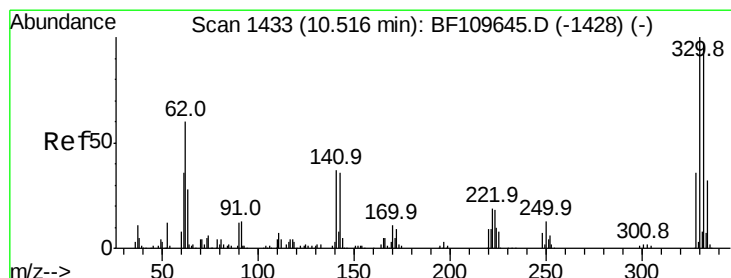
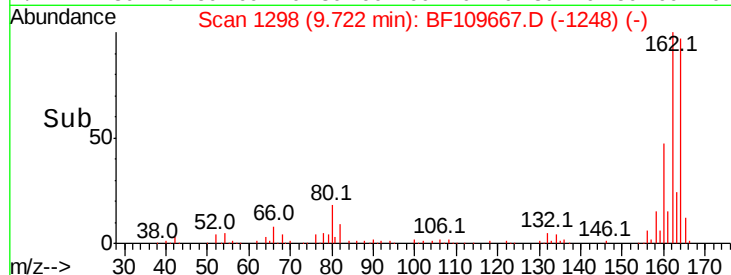
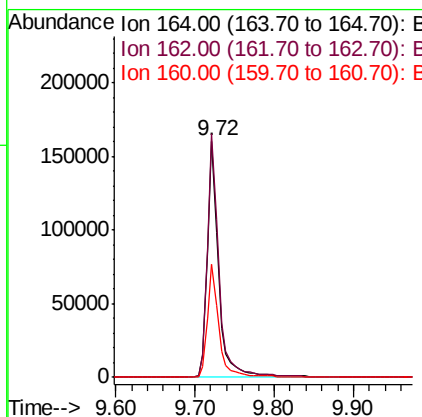
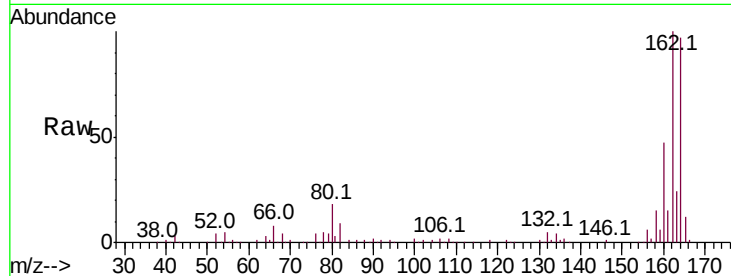
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109667.D
 Acq: 9 Oct 2018 00:17

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-4

Tot Ion	Ratio	Resp	Lower	Upper
164	100	162710		
162	102.9	83.0	124.6	
160	47.9	37.0	55.6	

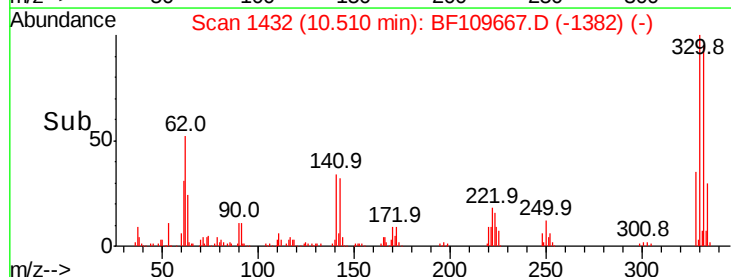
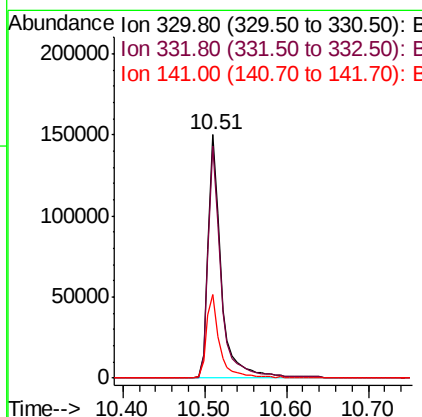
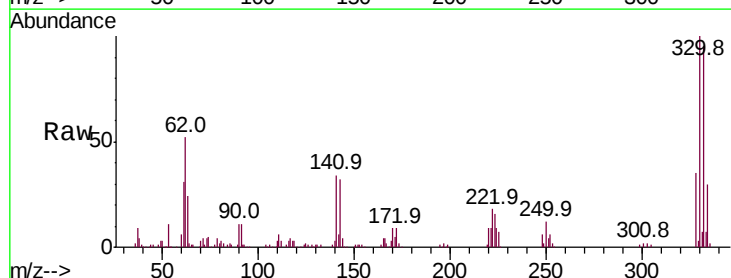
Manual Integrations
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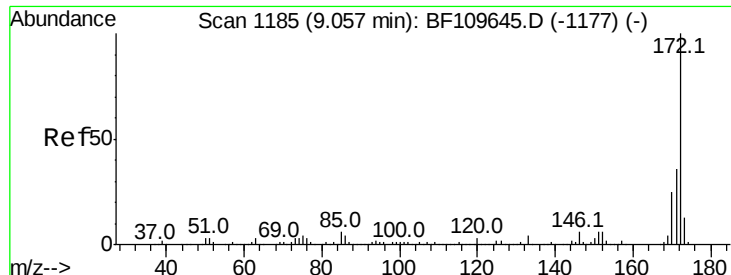
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#41
 2,4,6-Tribromophenol
 Concen: 95.201 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109667.D
 Acq: 9 Oct 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	168782		
332	95.1	77.1	115.7	
141	34.6	27.0	40.4	





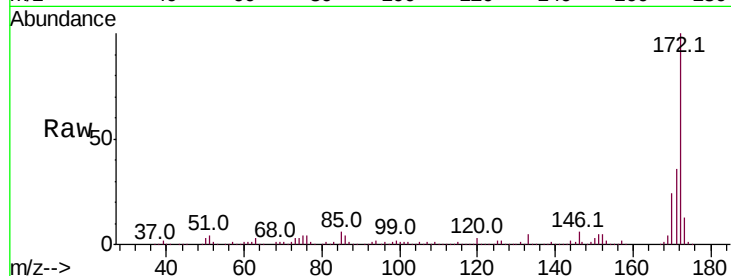
#44
2-Fluorobiphenyl
Concen: 78.626 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Instrument :
BNA_F
ClientSampleId :
TRACK-D-4

Tot Ion	Ratio	Resp	Lower	Upper
172	100	928895		
171	35.8		28.6	43.0
170	24.1		19.7	29.5

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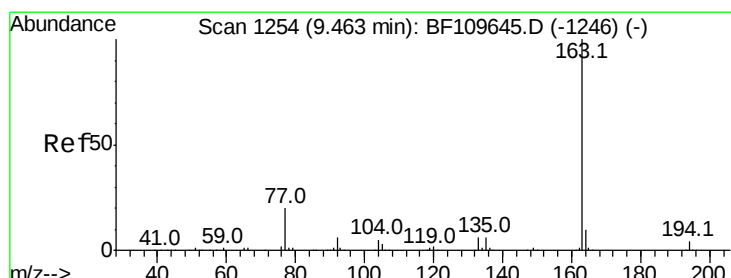
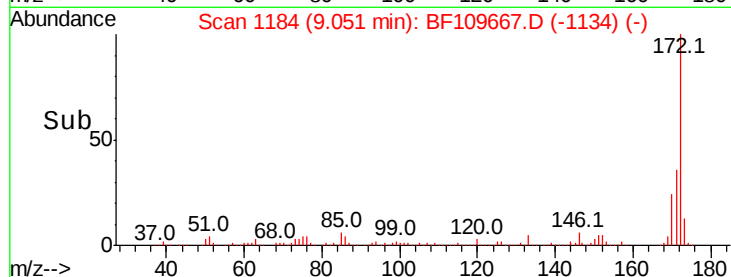
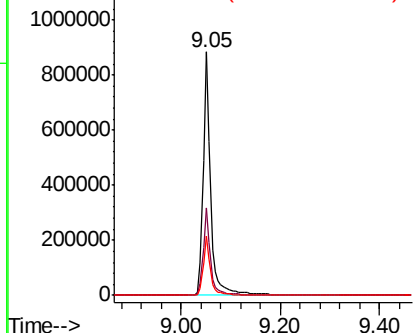


Abundance

Ion 172.00 (171.70 to 172.70): E

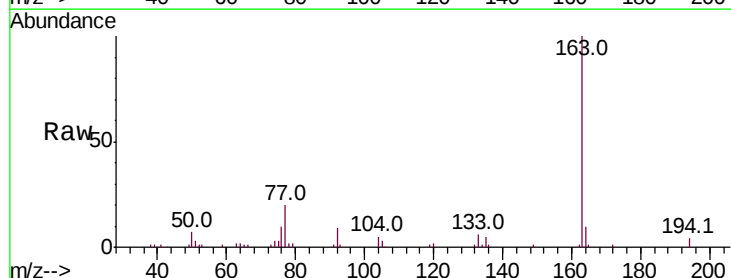
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 7.380 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	88065		
194	4.2		3.2	4.8
164	10.2		8.1	12.1

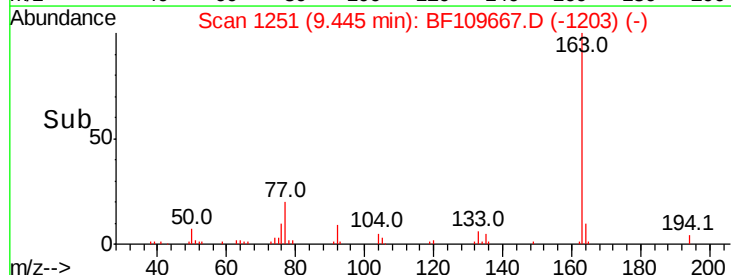
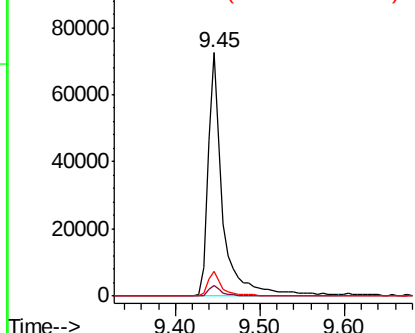


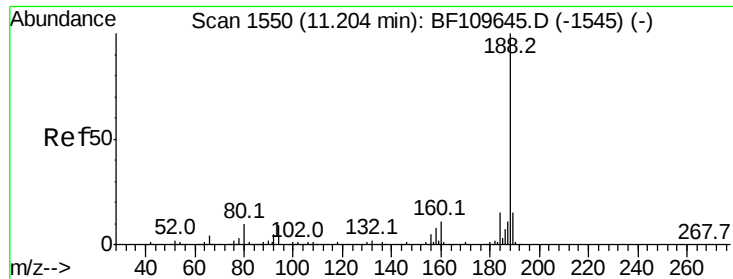
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





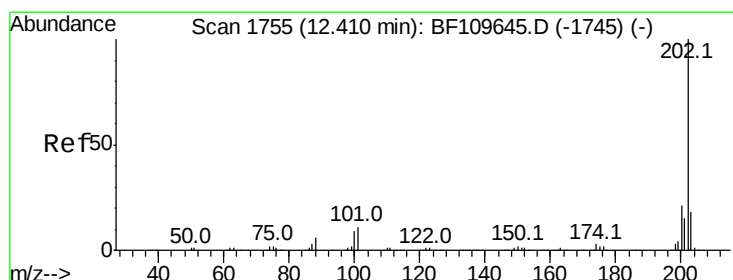
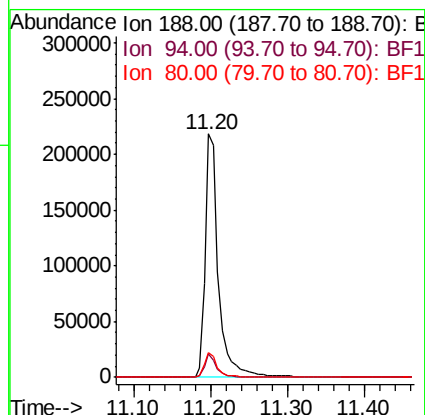
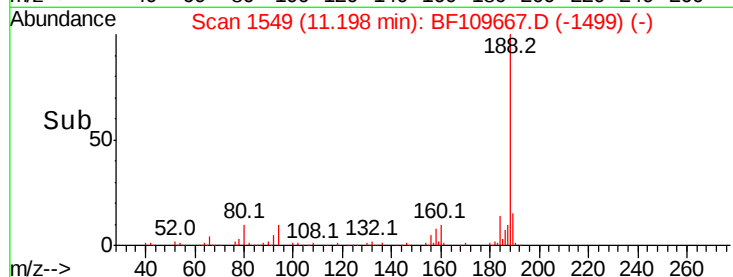
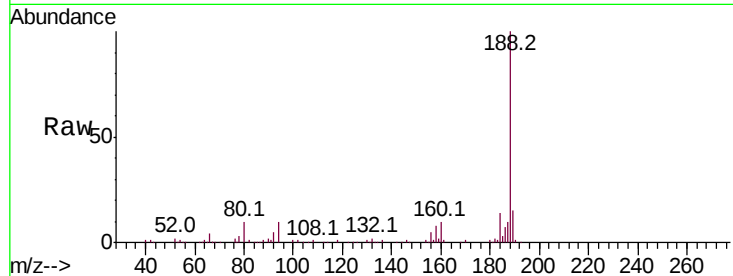
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Instrument :
BNA_F
ClientSampled :
TRACK-D-4

Tot Ion:	188	Resp:	263395
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.2	10.8
80	10.3	7.9	11.9

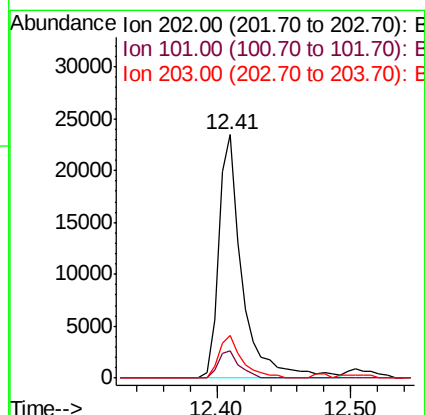
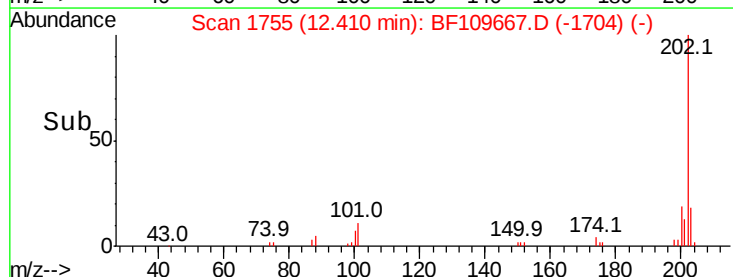
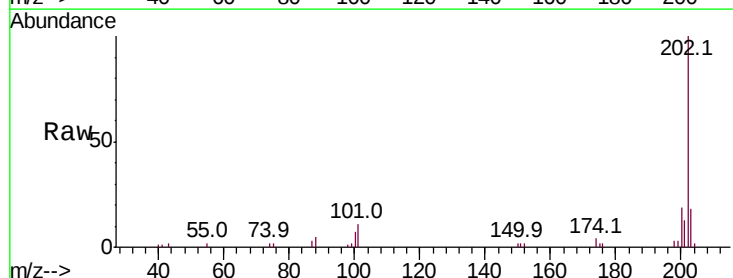
Manual Integrations
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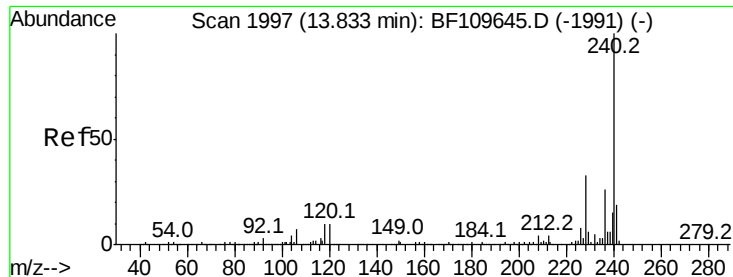
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#74
Fluoranthene
Concen: 2.106 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109667.D
Acq: 9 Oct 2018 00:17

Tgt Ion:	202	Resp:	29005
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.4
203	17.5	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109667.D

Acq: 9 Oct 2018 00:17

Instrument :

BNA_F

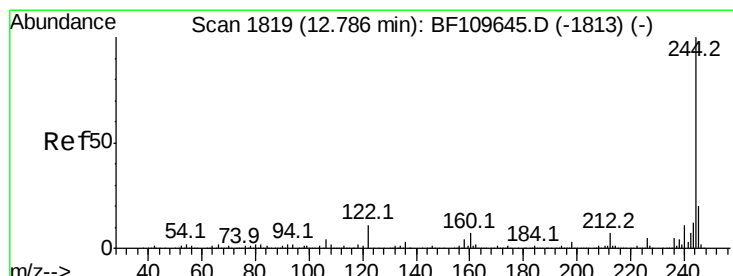
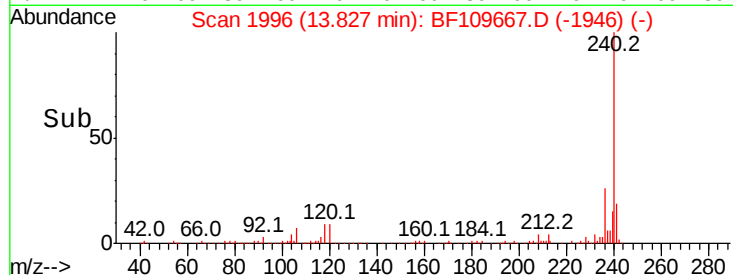
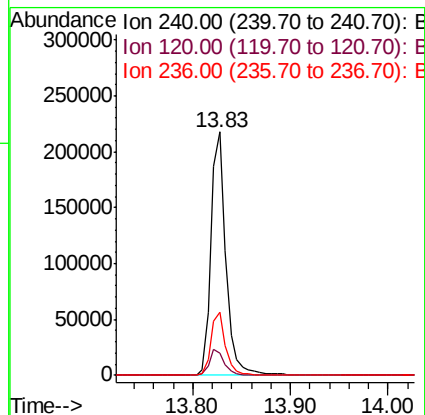
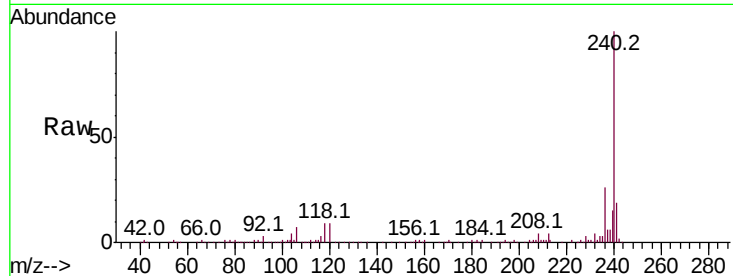
ClientSampled :

TRACK-D-4

Tot Ion:	240	Resp:	231031
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.3	12.5
236	25.8	21.2	31.8

Manual Integrations
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#78

Terphenyl-d14

Concen: 58.073 ng

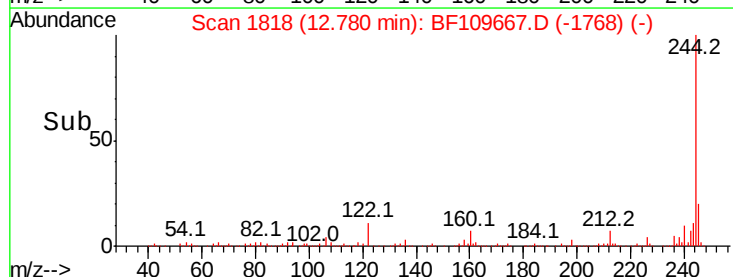
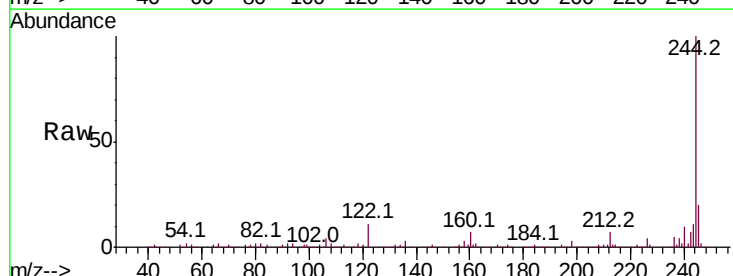
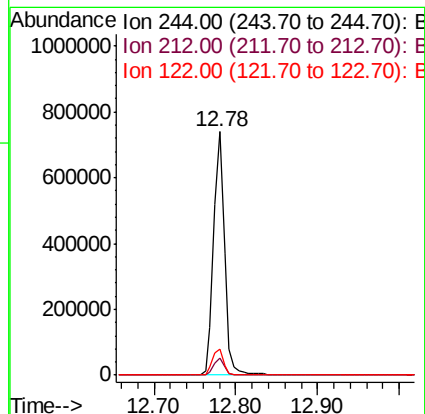
RT: 12.78 min Scan# 1818

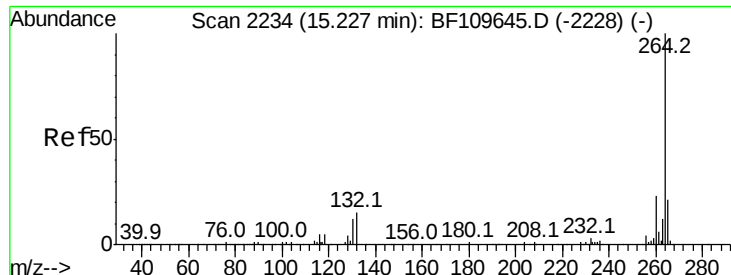
Delta R.T. -0.01 min

Lab File: BF109667.D

Acq: 9 Oct 2018 00:17

Tgt Ion:	244	Resp:	693067
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.8	8.7	13.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109667.D

Acq: 9 Oct 2018 00:17

Instrument :

BNA_F

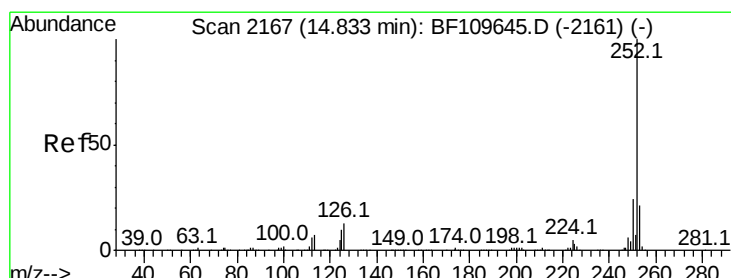
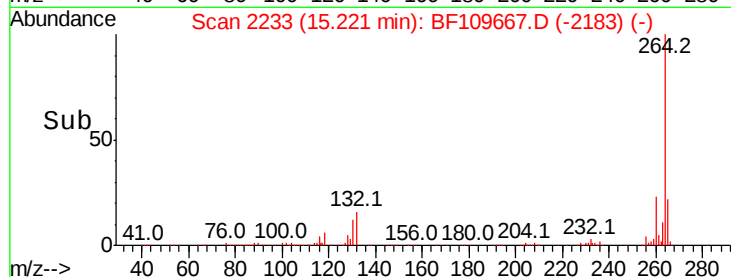
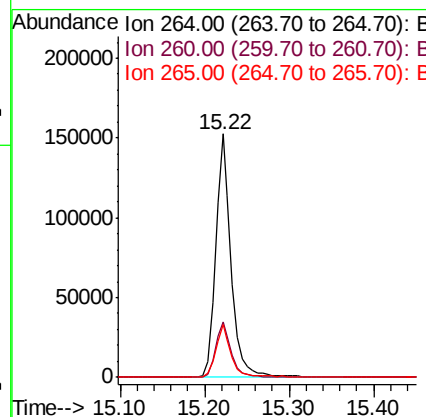
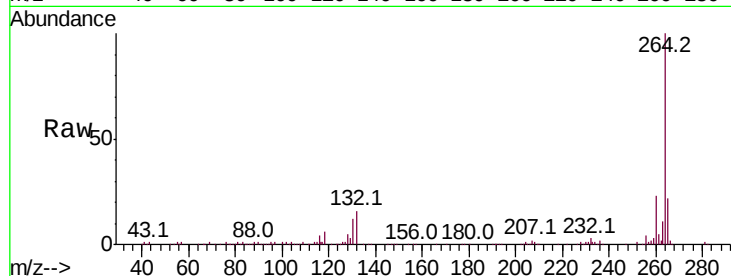
ClientSampleId :

TRACK-D-4

Tot Ion:	264	Resp:	196572
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.7	28.1
265	21.8	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/9/2018 2:57:44 PM



#87

Benzo(b)fluoranthene

Concen: 2.105 ng m

RT: 14.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BF109667.D

Acq: 9 Oct 2018 00:17

Tgt Ion:	252	Resp:	22865
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	13.3	8.2	12.4#

