

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101955.D
 Acq On : 9 Jan 2018 16:36
 Operator : SJ/JU
 Sample : J1023-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-010818

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:02 AM

Quant Time: Jan 10 04:24:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	255601	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	970438	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	354914	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	489708	20.00	ng	0.00
75) Chrysene-d12	13.88	240	467950	20.00	ng	0.00
86) Perylene-d12	15.30	264	424098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	801826	44.30	ng	0.00
7) Phenol-d6	6.35	99	934268	43.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	561903	34.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	110519	35.68	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	763090	33.59	ng	-0.01
78) Terphenyl-d14	12.85	244	484134	21.48	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.48	163	76140	2.674	ng	98
70) Phenanthrene	11.26	178	69137	2.417	ng	97
74) Fluoranthene	12.46	202	85421m	3.035	ng	
77) Pyrene	12.69	202	100421	2.428	ng	97
87) Benzo(b)fluoranthene	14.89	252	68375m	2.473	ng	

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

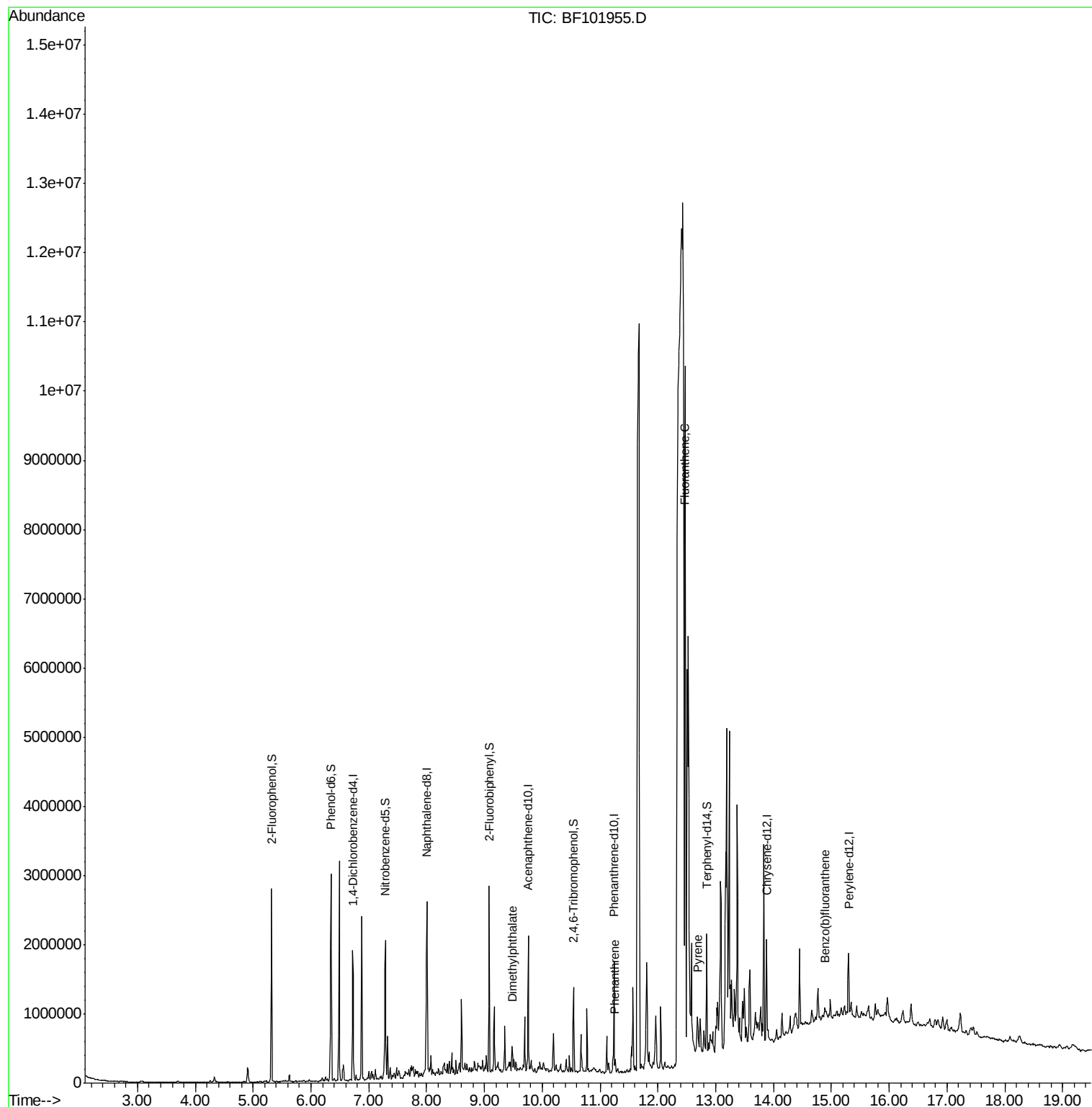
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101955.D
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Sample : J1023-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

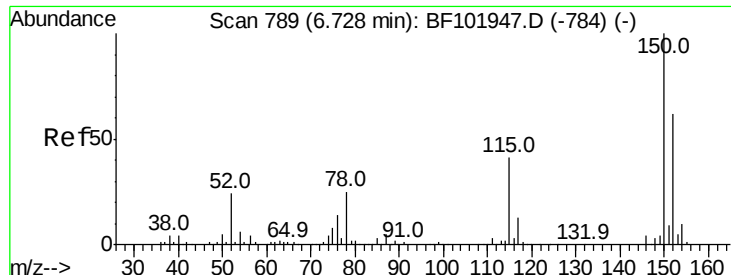
Instrument :
BNA_F
ClientSampleId :
TR-04-010818

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#1

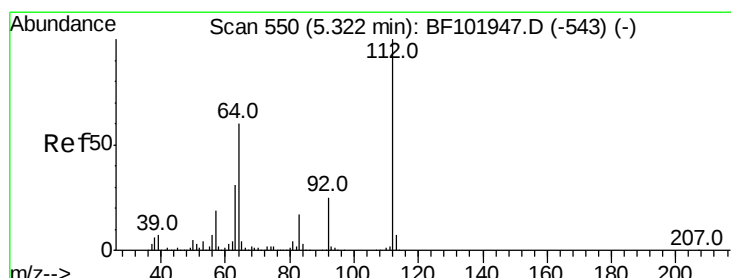
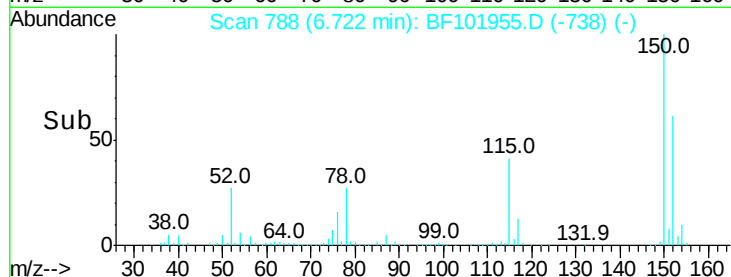
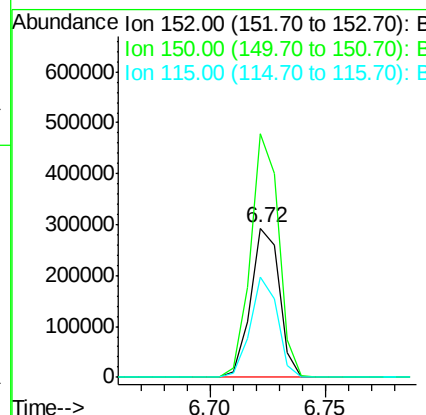
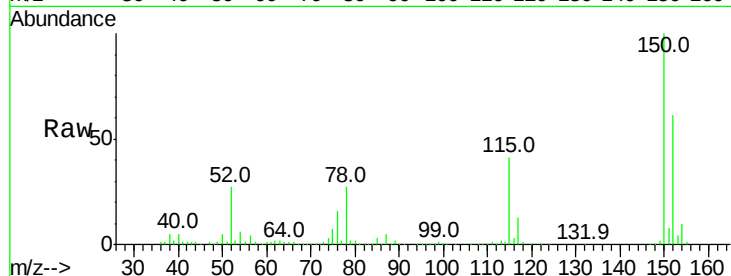
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-010818

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	67.5	50.1	75.1

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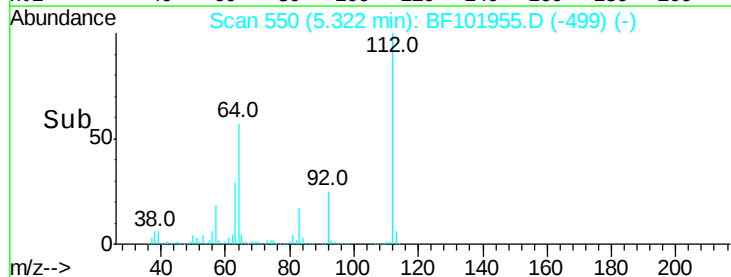
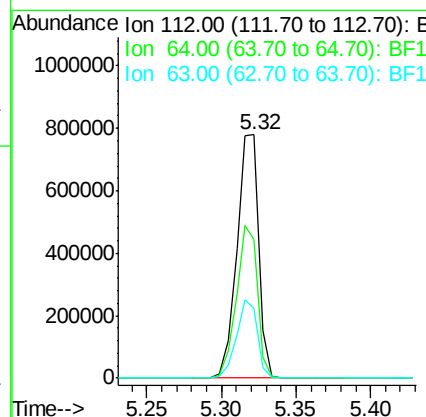
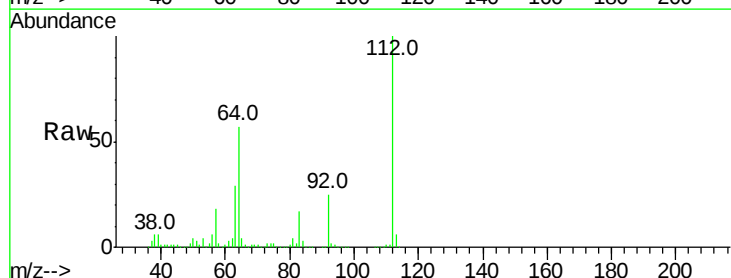
Sohil
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#5

2-Fluorophenol
 Concen: 44.297 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 43.260 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

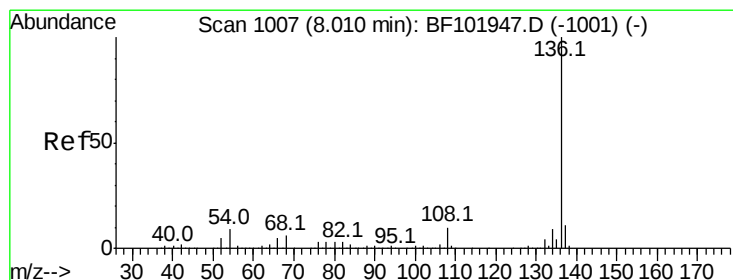
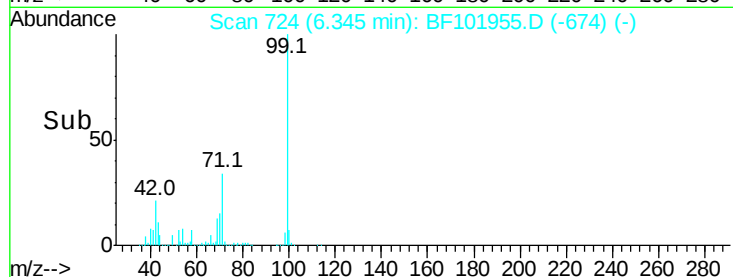
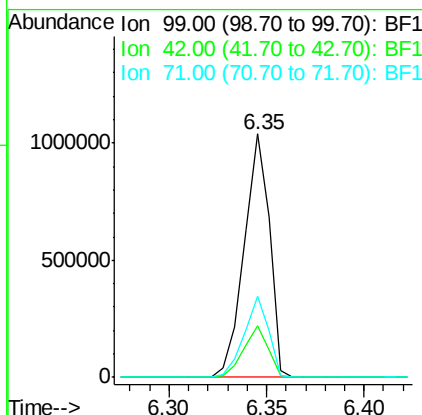
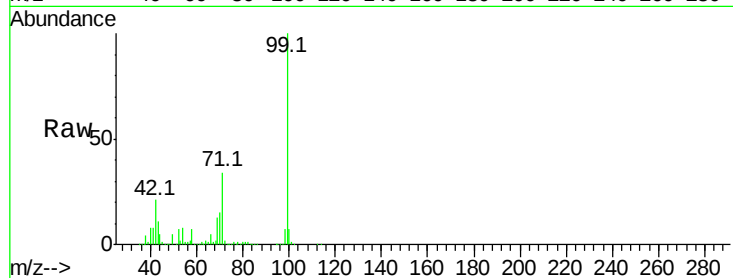
ClientSampleId :

TR-04-010818

Tot Ion:	99	Resp:	934268
Ion Ratio	Lower	Upper	
99	100		
42	21.0	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

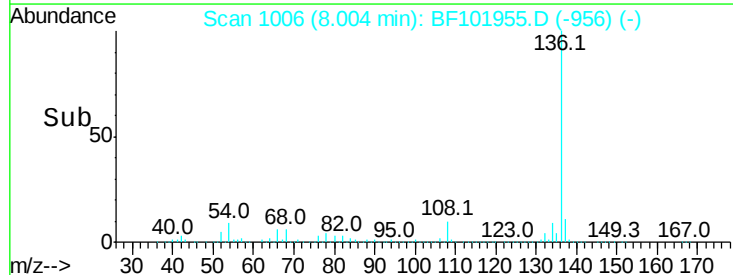
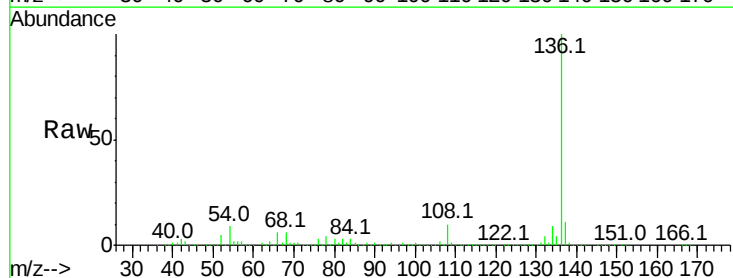
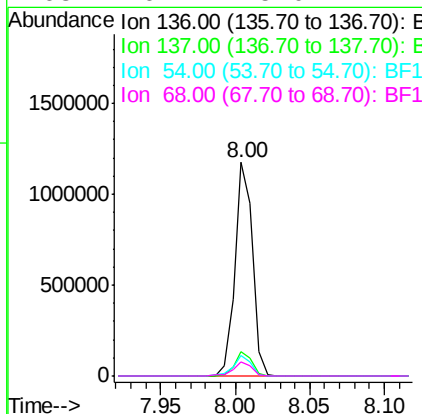
RT: 8.00 min Scan# 1006

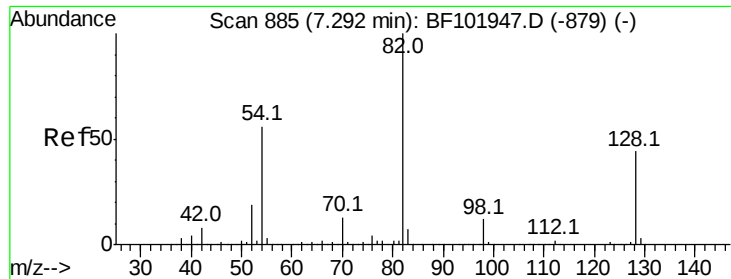
Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Tgt Ion:	136	Resp:	970438
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	6.4	5.0	7.4





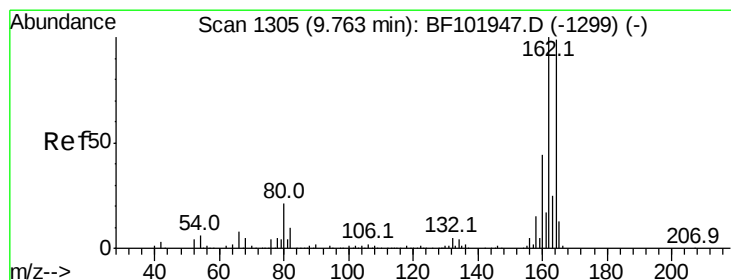
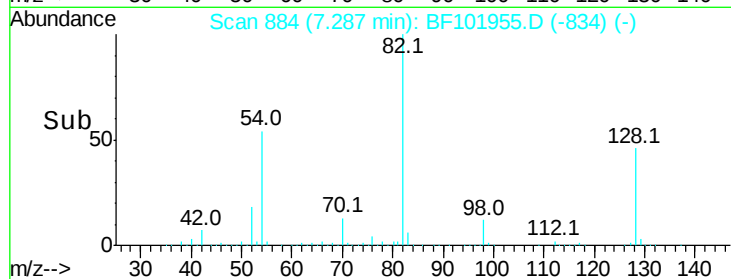
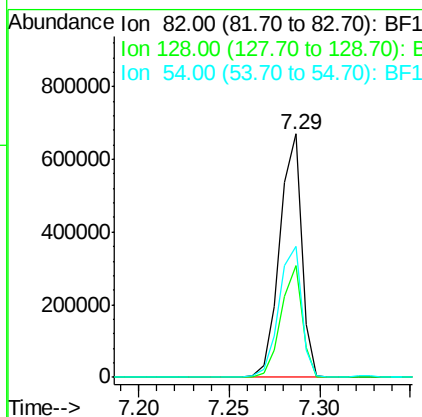
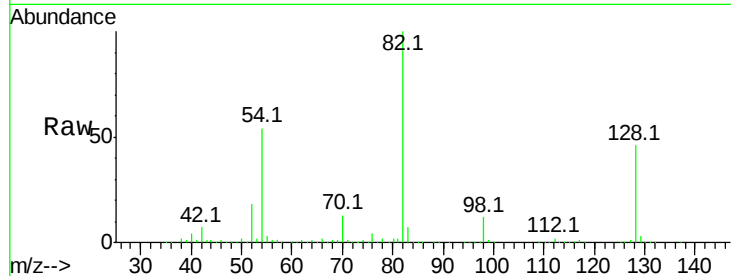
#23
Nitrobenzene-d5
Concen: 34.026 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Instrument :
BNA_F
ClientSampleId :
TR-04-010818

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.6	41.4	62.2

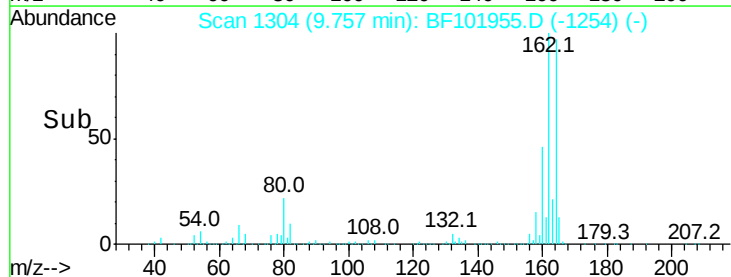
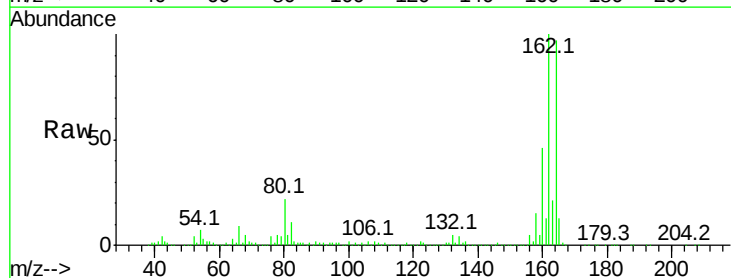
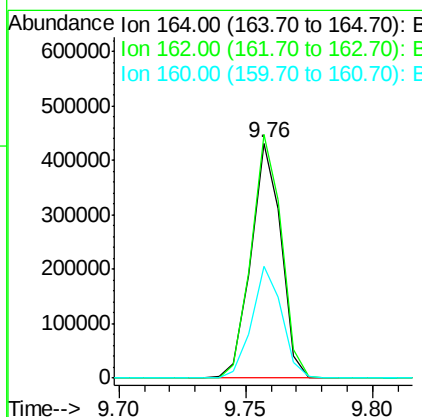
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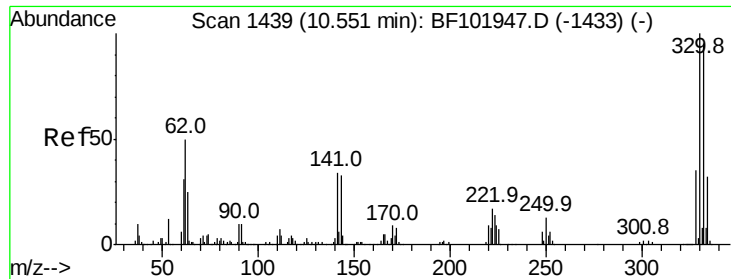
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.5	38.3	57.5





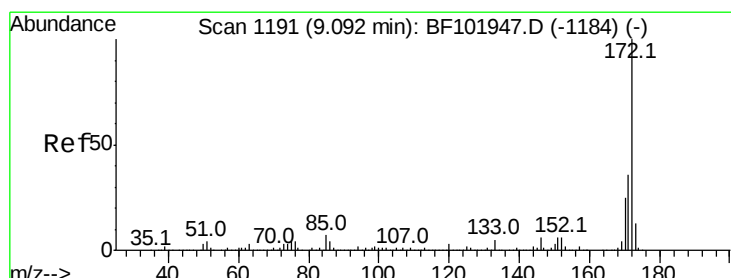
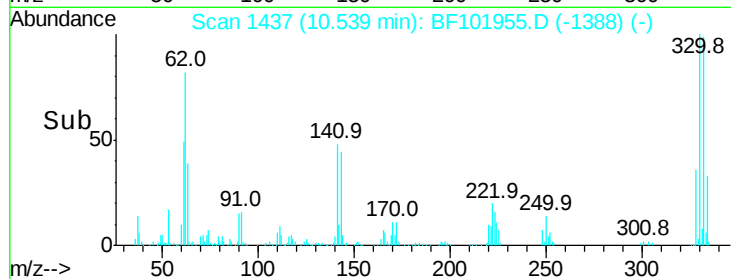
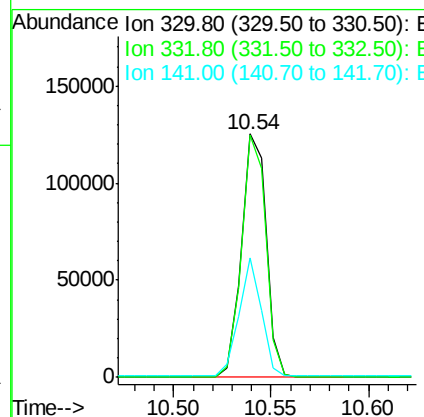
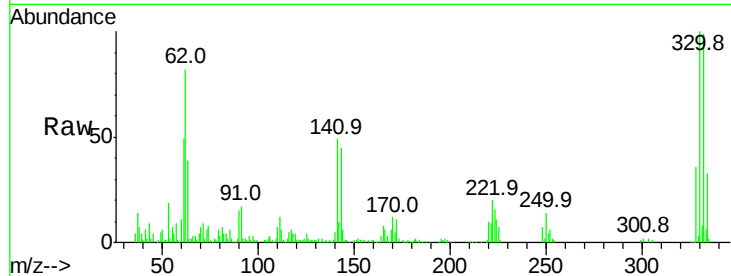
#41
 2,4,6-Tribromophenol
 Concen: 35.682 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-010818

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	43.3	29.9	44.9	

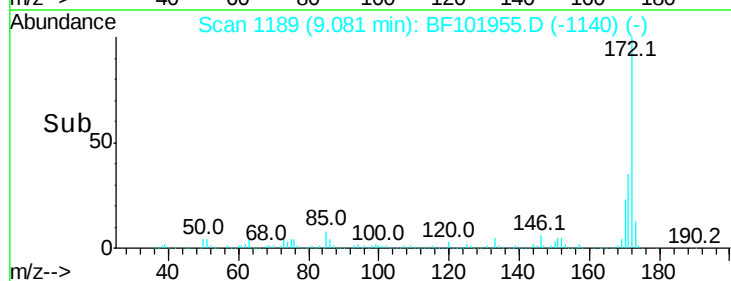
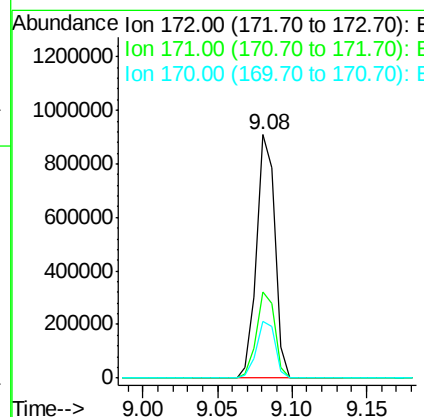
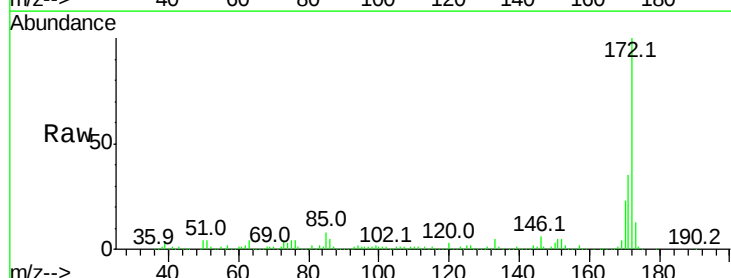
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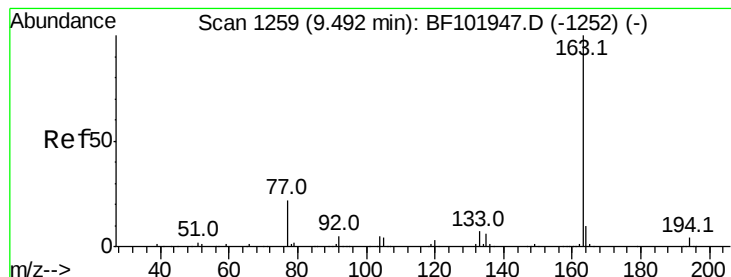
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#44
 2-Fluorobiphenyl
 Concen: 33.590 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	23.4	19.6	29.4	





#49

Dimethylphthalate

Concen: 2.674 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

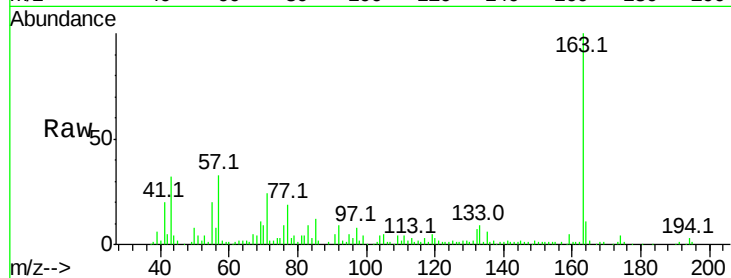
ClientSampleId :

TR-04-010818

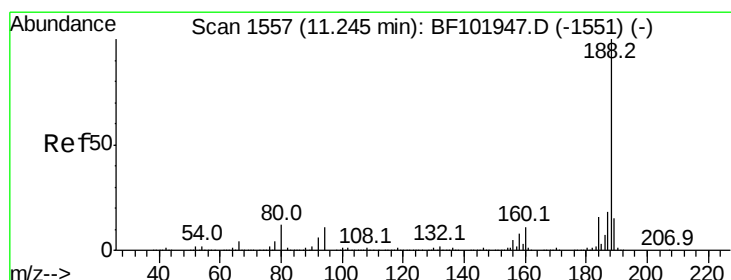
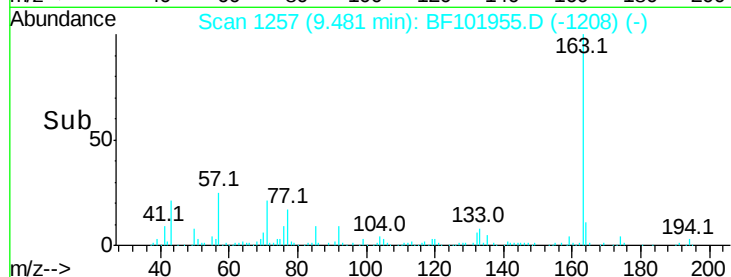
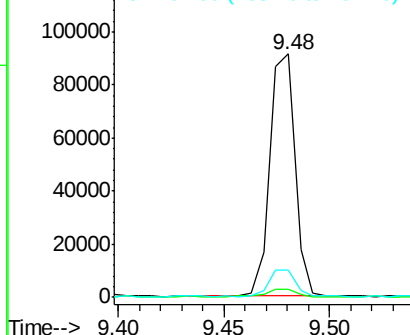
Tot Ion:	163	Resp:	76140
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	11.1	8.2	12.2

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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

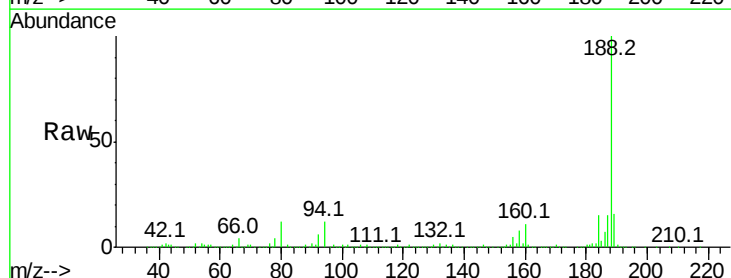
RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

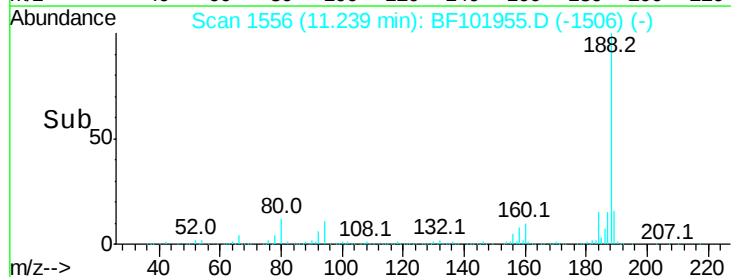
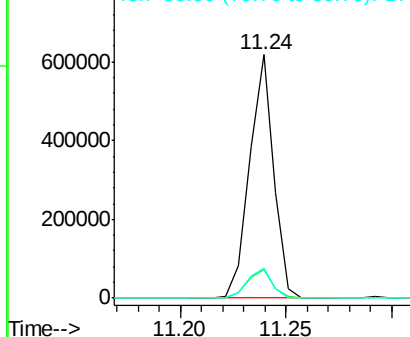
Lab File: BF101955.D

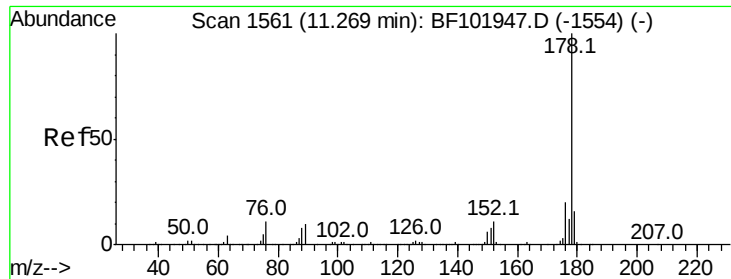
Acq: 9 Jan 2018 16:36

Tgt Ion:	188	Resp:	489708
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.5	12.7
80	12.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.417 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

TR-04-010818

Tot Ion:178 Resp: 69137

Ion Ratio Lower Upper

178 100

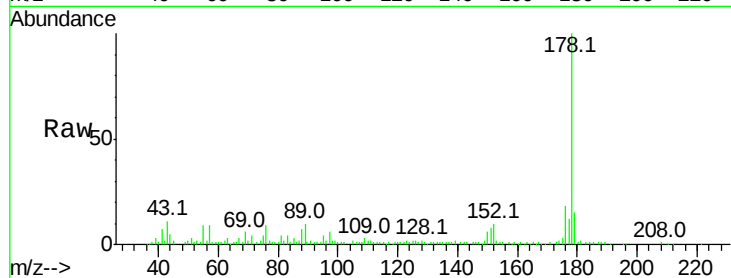
176 18.3 15.8 23.8

179 15.3 13.0 19.6

Manual Integrations
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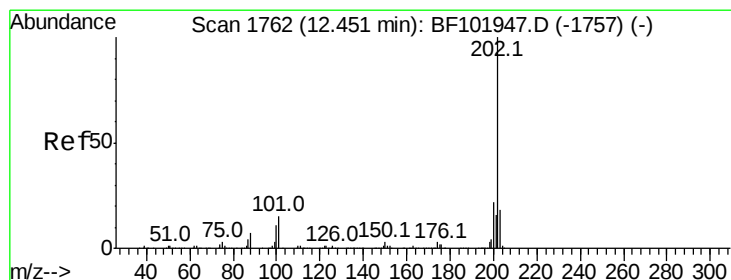
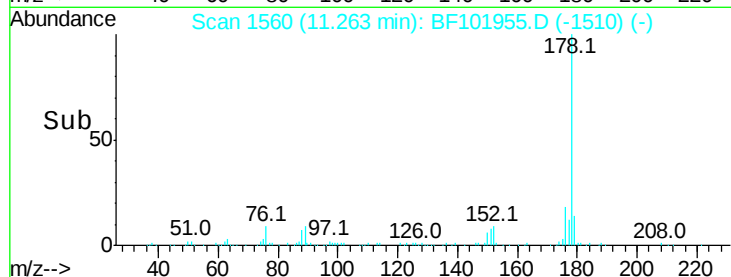
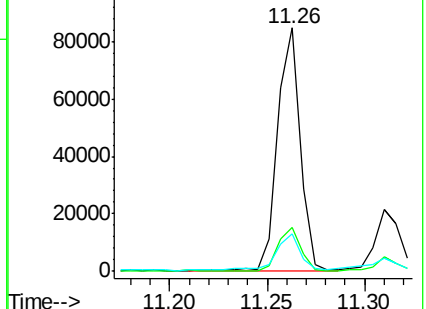
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.035 ng m

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

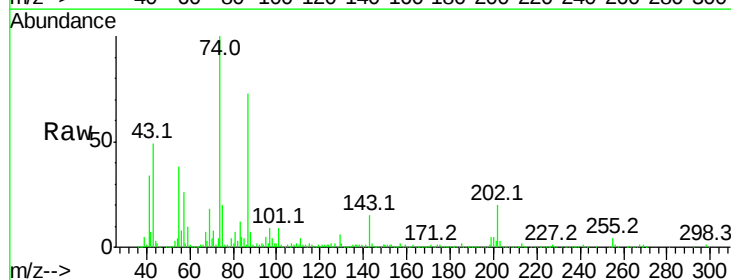
Tgt Ion:202 Resp: 85421

Ion Ratio Lower Upper

202 100

101 44.7 0.0 34.1#

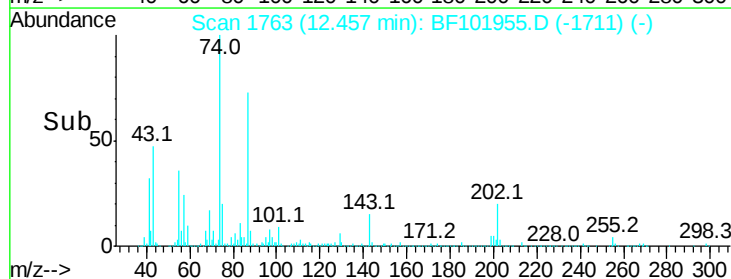
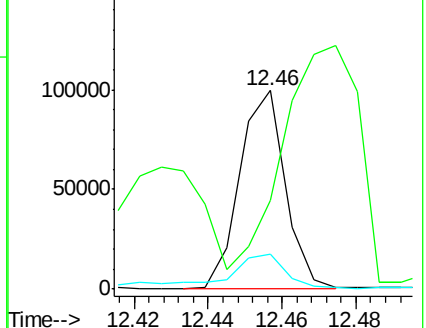
203 17.6 0.0 38.1

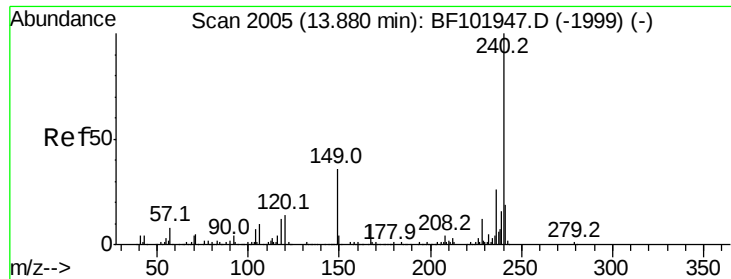


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

TR-04-010818

Tot Ion:240 Resp: 467950

Ion Ratio Lower Upper

240 100

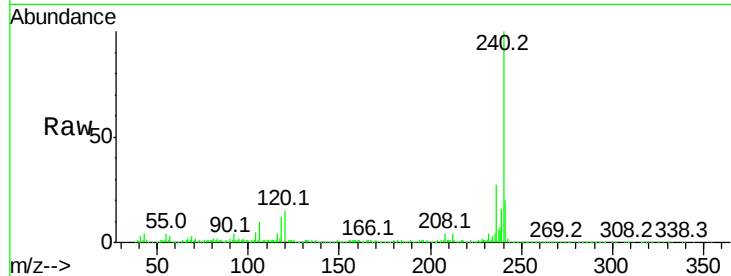
120 14.5 9.5 14.3#

236 26.7 20.7 31.1

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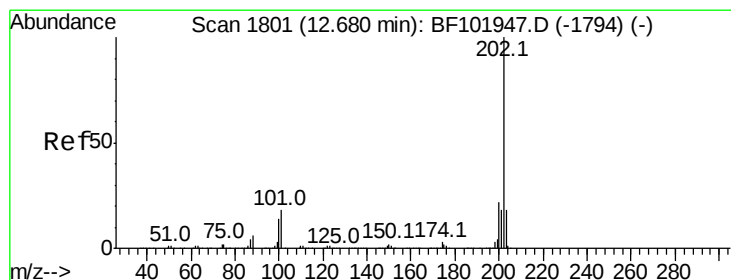
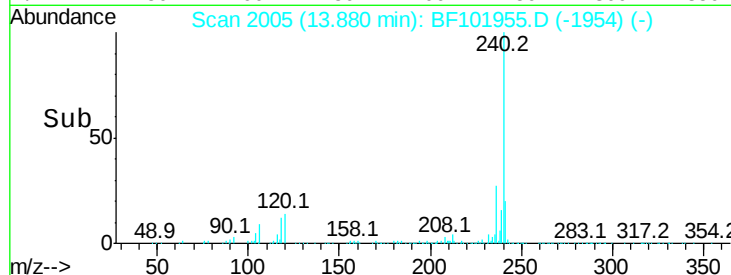
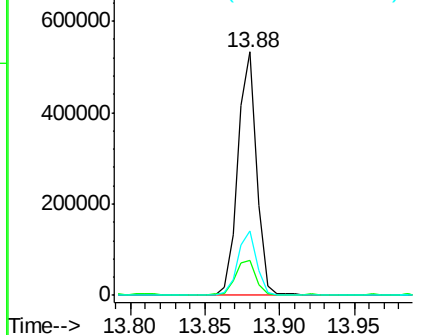
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.428 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

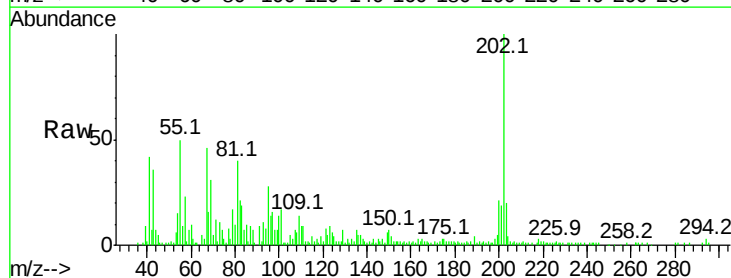
Tgt Ion:202 Resp: 100421

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

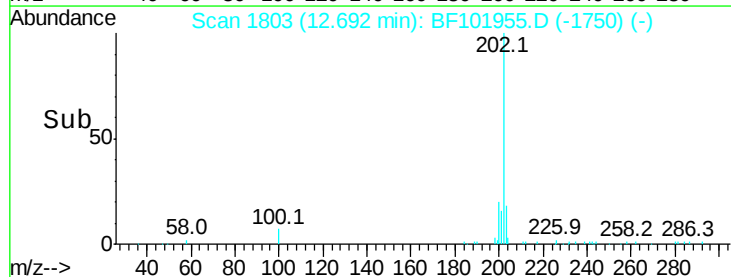
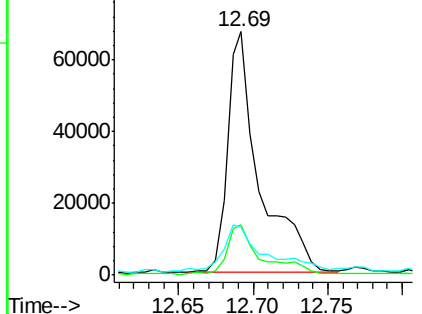
203 19.7 14.3 21.5

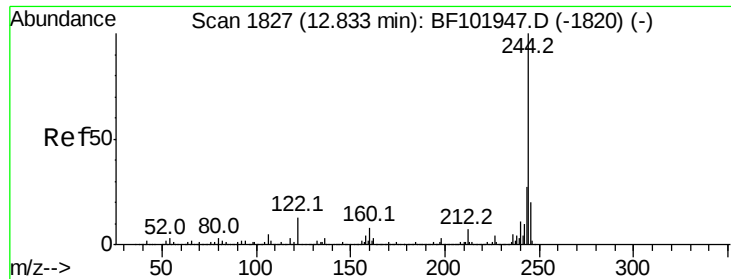


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 21.481 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

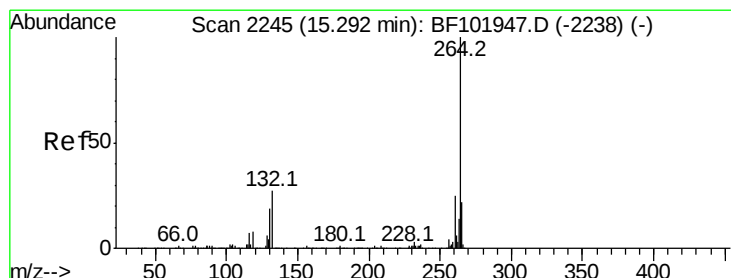
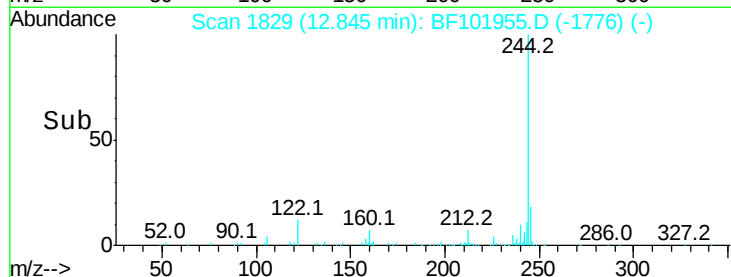
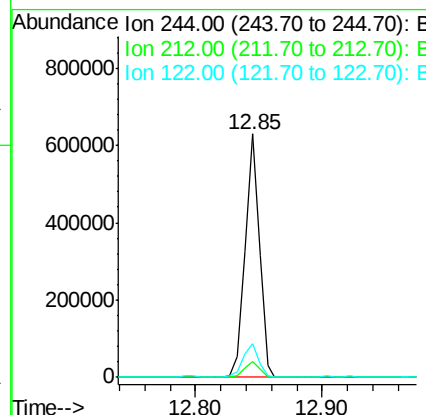
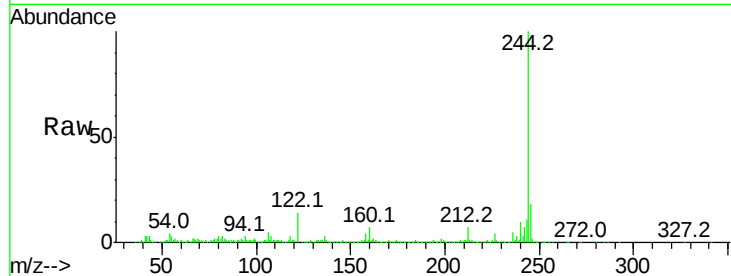
ClientSampleId :

TR-04-010818

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.1	11.0	16.4

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:02 AM



#86

Perylene-d12

Concen: 20.000 ng

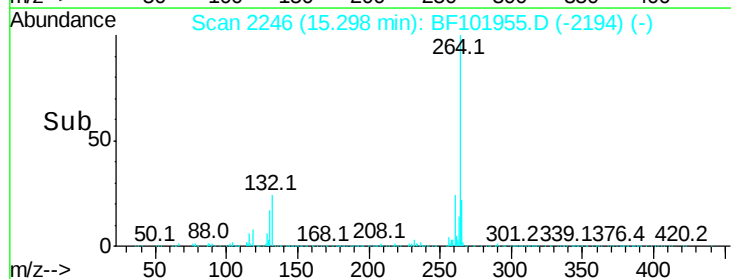
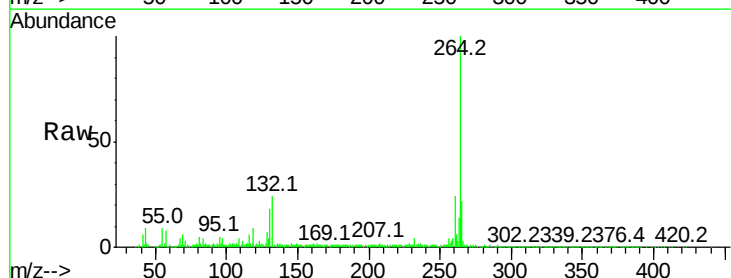
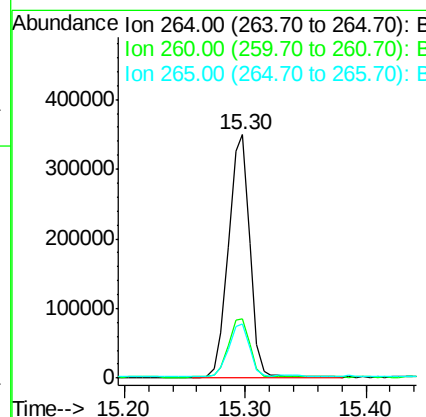
RT: 15.30 min Scan# 2246

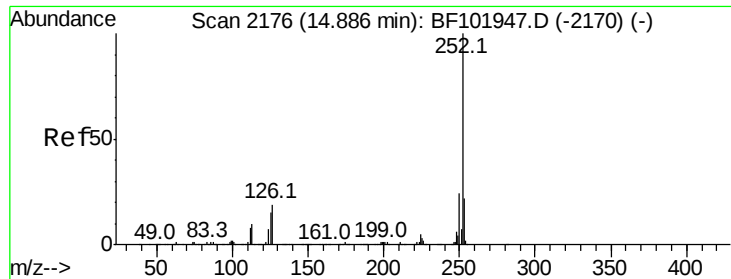
Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





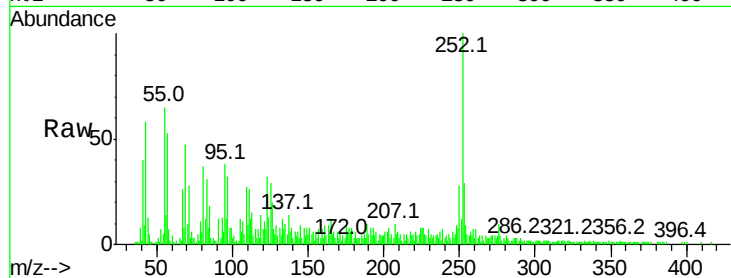
#87
 Benzo(b)fluoranthene
 Concen: 2.473 ng/ml
 RT: 14.89 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-010818

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.0	25.6
125	29.1	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:02 AM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

