

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103654.D
 Acq On : 14 Mar 2018 21:19
 Operator : SJ/JU
 Sample : J1911-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-COMP

Manual Integrations
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Sohil
 3/15/2018 6:57:45 PM

Quant Time: Mar 15 01:39:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135070	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	580143	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241689	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	373453	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241172	20.00	ng	0.00
86) Perylene-d12	15.57	264	209581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	783541	87.74	ng	0.00
7) Phenol-d6	6.50	99	967516	88.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	678254	66.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	141861	69.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	905352	60.07	ng	0.00
78) Terphenyl-d14	12.97	244	610263	60.83	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.93	149	278237	10.595	ng	99
74) Fluoranthene	12.62	202	117522	5.690	ng	98
77) Pyrene	12.85	202	119139	6.336	ng	100
80) Benzo(a)anthracene	14.04	228	52745	3.371	ng	97
82) Chrysene	14.09	228	56831	3.740	ng	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	32731	2.721	ng	# 91
87) Benzo(b)fluoranthene	15.13	252	77543m	5.627	ng	
88) Benzo(k)fluoranthene	15.15	252	28995m	2.235	ng	
89) Benzo(a)pyrene	15.51	252	55362	4.499	ng	# 93
91) Benzo(g,h,i)perylene	17.60	276	34565	3.719	ng	# 91

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

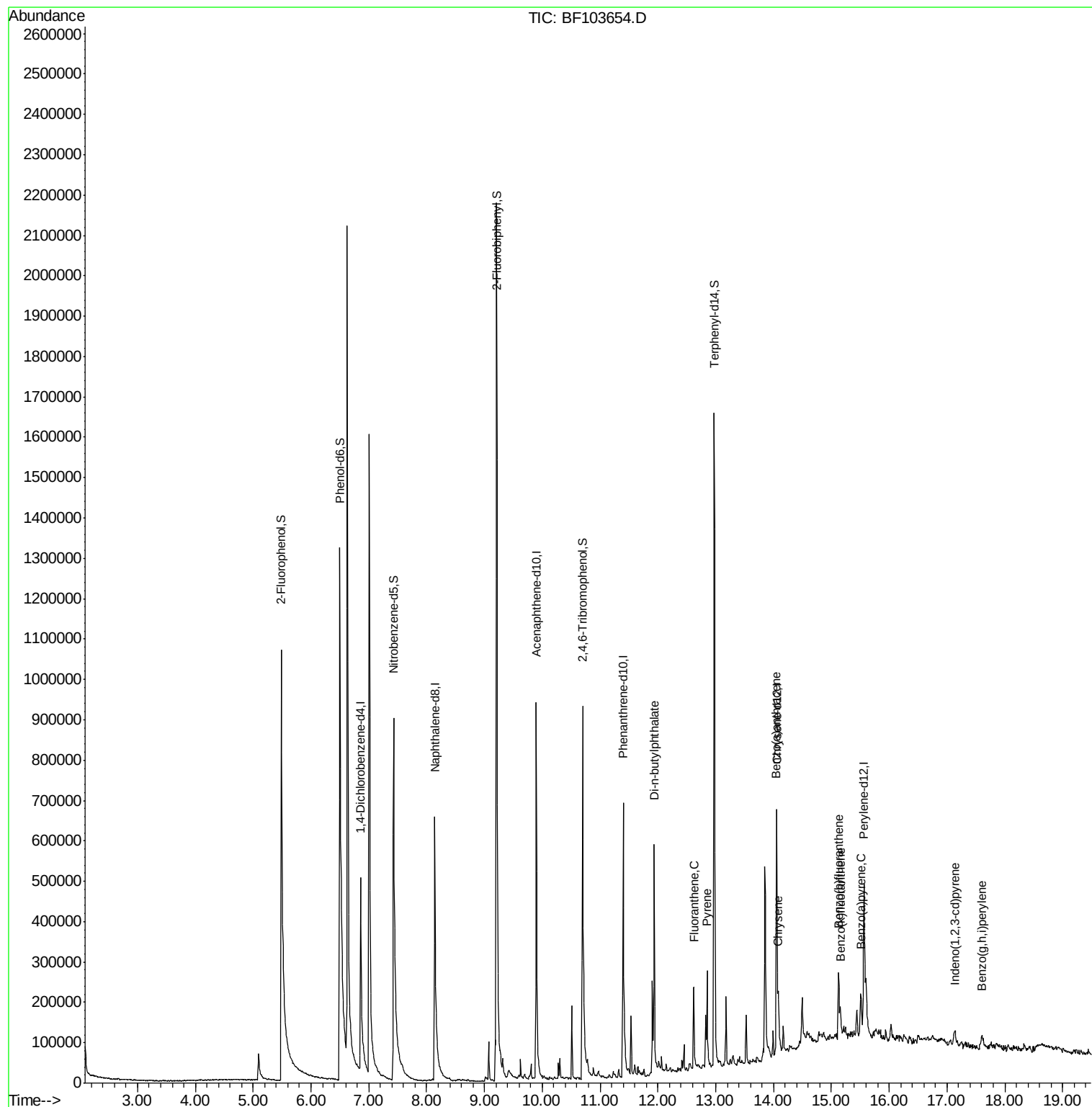
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103654.D
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ALS Vial : 19 Sample Multiplier: 1

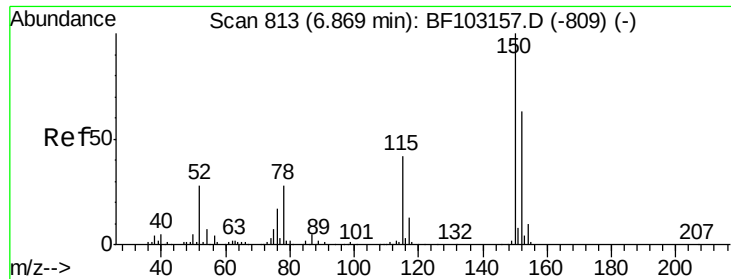
Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

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#1

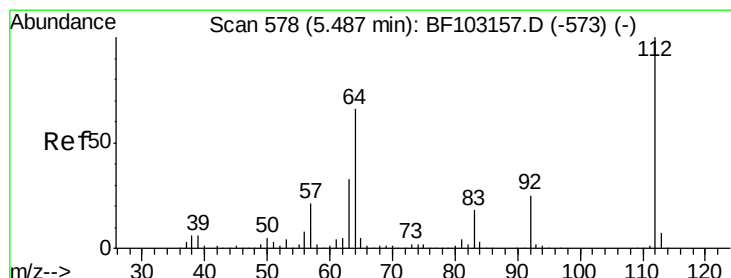
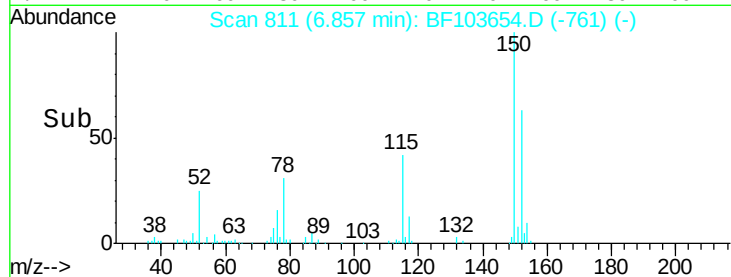
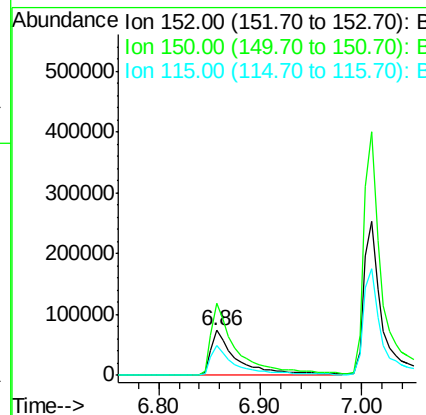
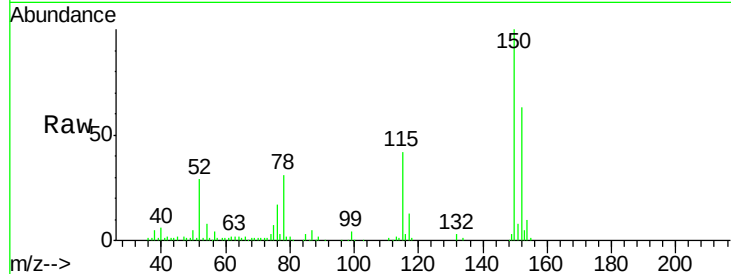
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampled :
TP-13-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	66.6	50.1	75.1

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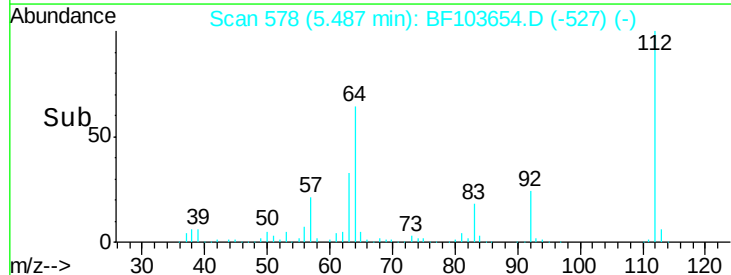
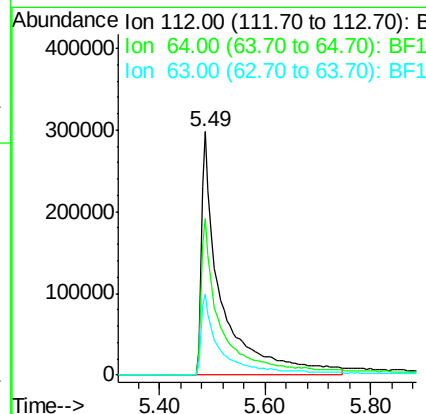
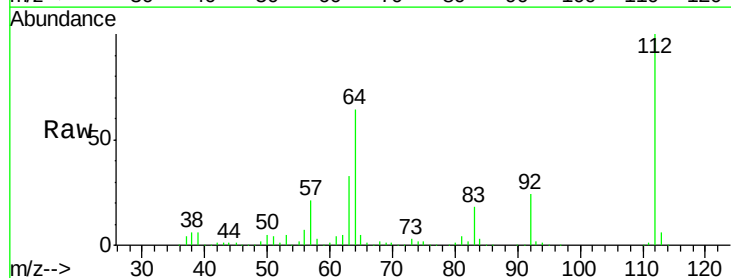
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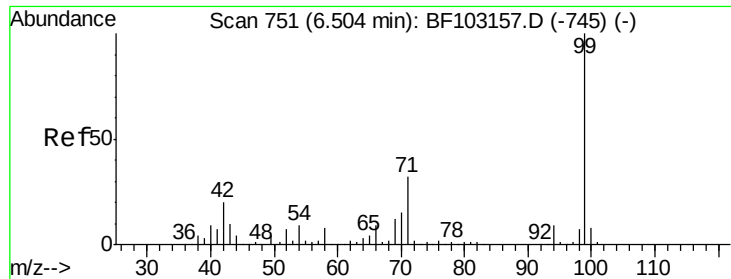


#5

2-Fluorophenol
Concen: 87.736 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 88.535 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103654.D

Acq: 14 Mar 2018 21:19

Instrument :

BNA_F

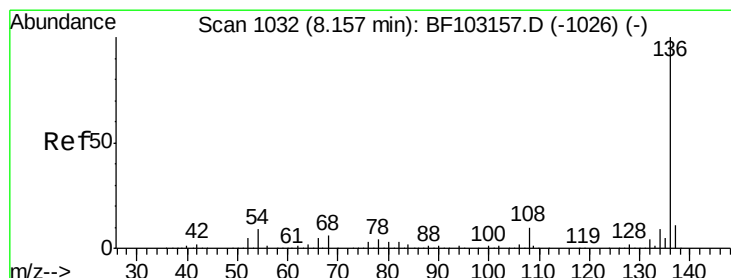
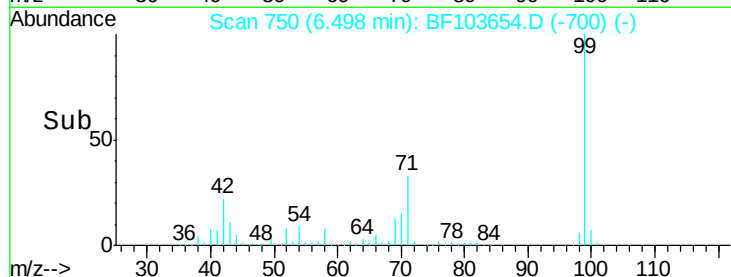
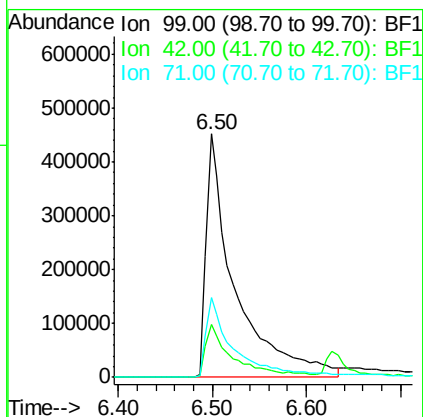
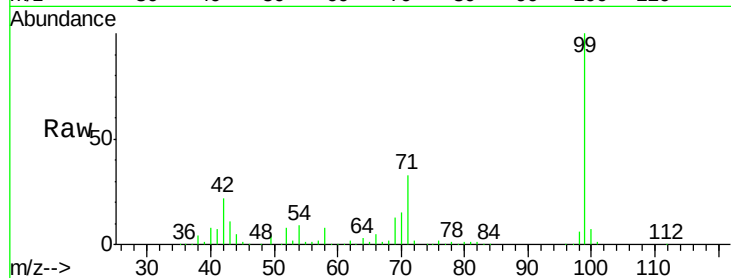
ClientSampleId :

TP-13-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		967516		
42	21.7	14.5	21.7		
71	32.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

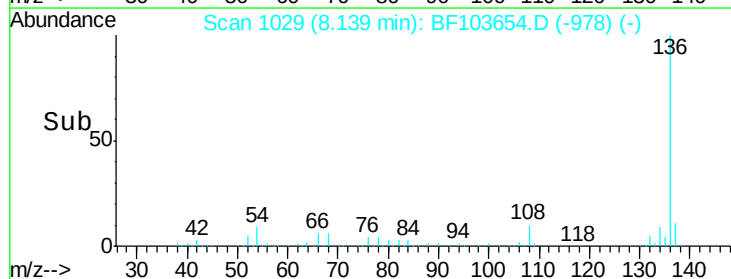
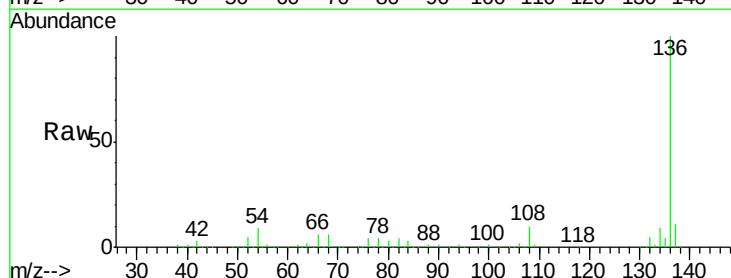
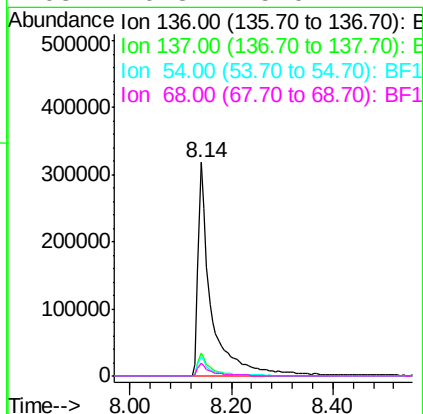
RT: 8.14 min Scan# 1029

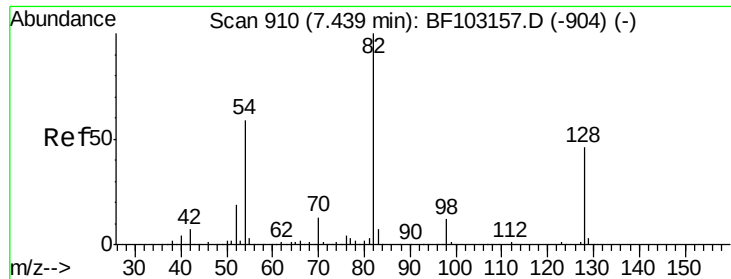
Delta R.T. 0.00 min

Lab File: BF103654.D

Acq: 14 Mar 2018 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		580143		
137	10.7	8.9	13.3		
54	8.9	6.6	9.8		
68	6.3	5.0	7.4		





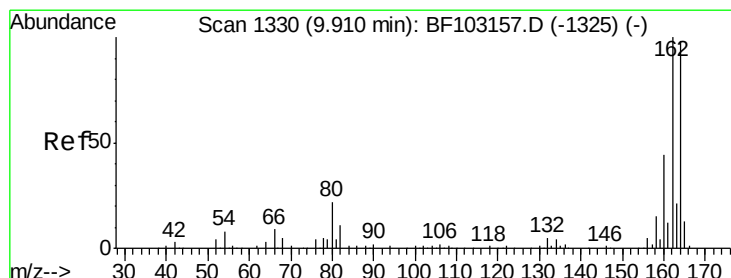
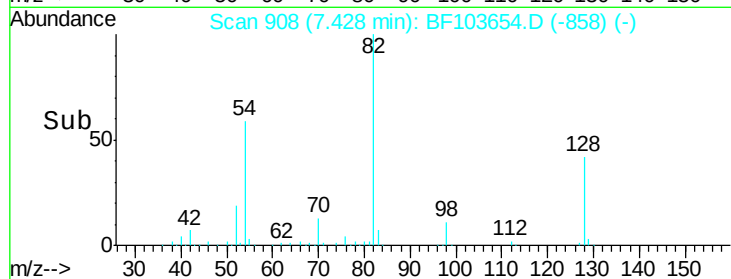
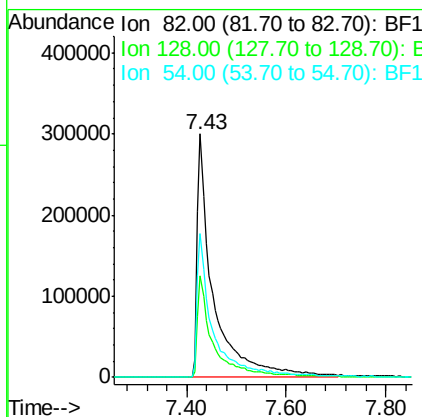
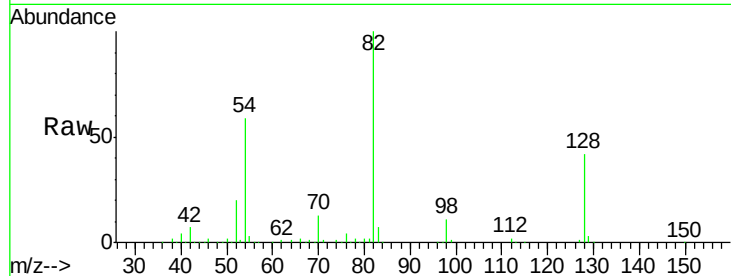
#23
Nitrobenzene-d5
Concen: 66.766 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	59.3	41.4	62.2

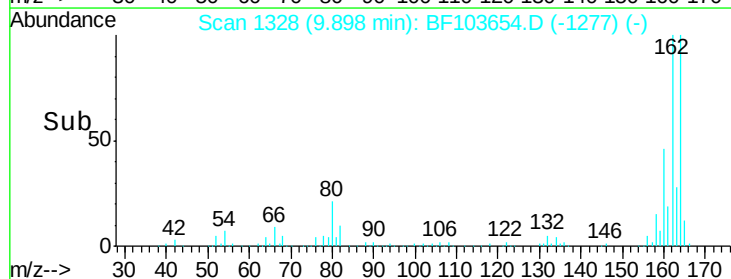
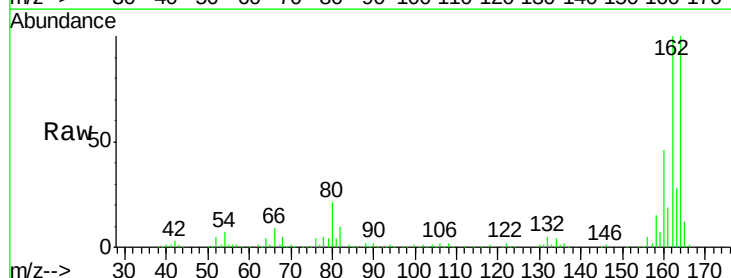
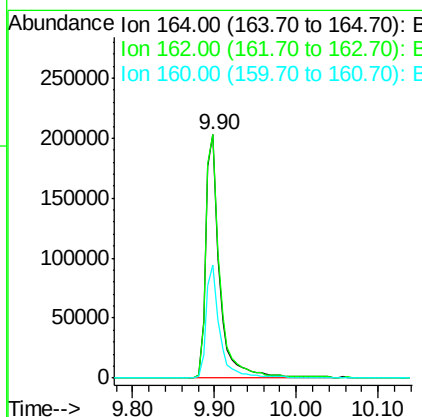
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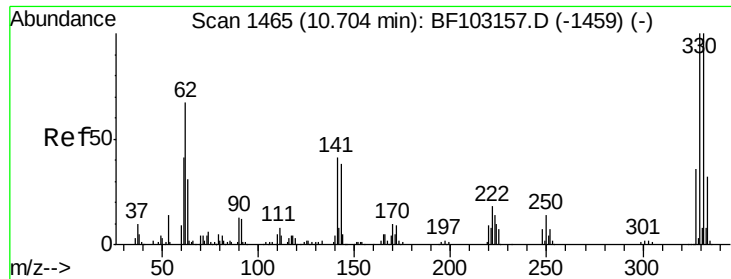
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	46.3	38.3	57.5





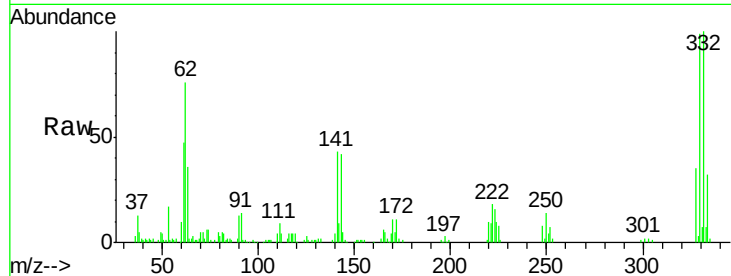
#41
 2,4,6-Tribromophenol
 Concen: 69.344 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103654.D
 Acq: 14 Mar 2018 21:19

Instrument :
 BNA_F
 ClientSampled :
 TP-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	141861		
332	103.9	77.0	115.6	
141	49.1	29.9	44.9	

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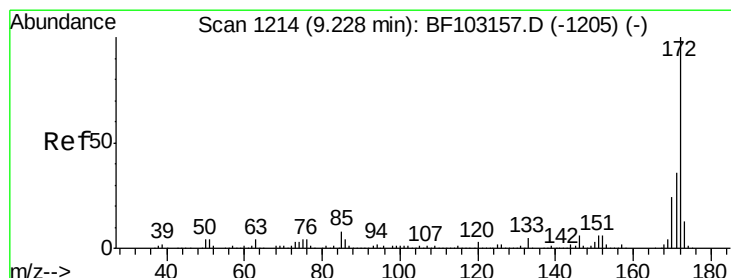
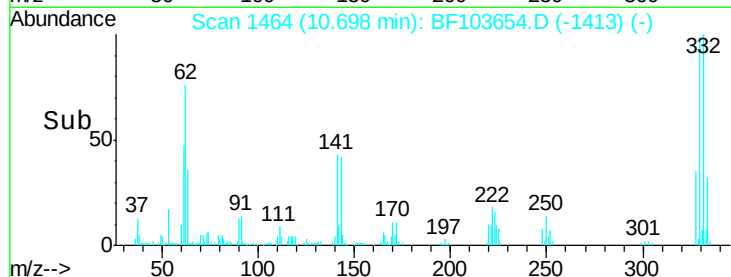
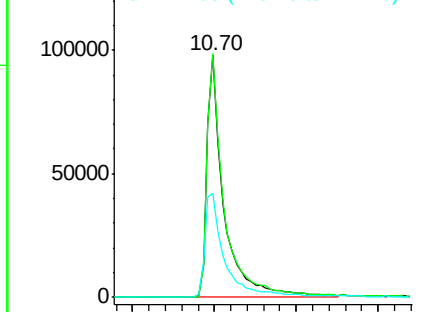


Abundance

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: 60.069 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103654.D
 Acq: 14 Mar 2018 21:19

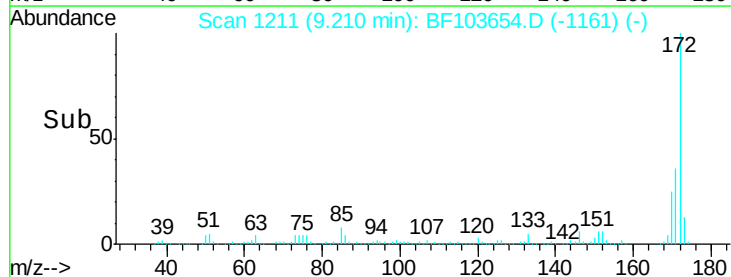
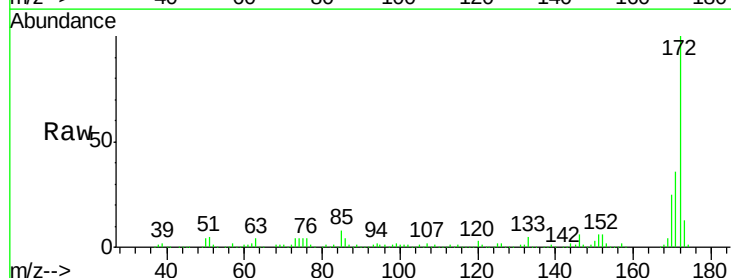
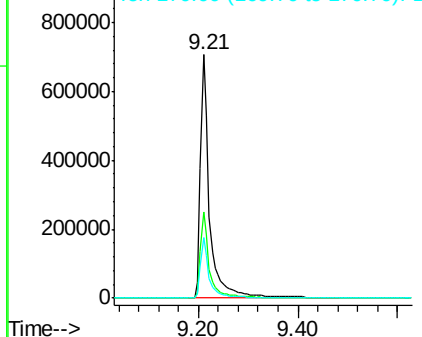
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	905352		
171	35.6	29.7	44.5	
170	25.0	19.6	29.4	

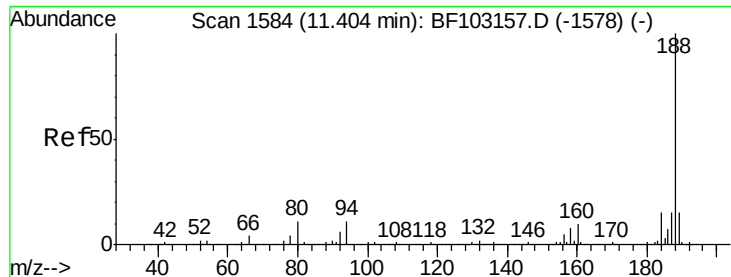
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103654.D

Acq: 14 Mar 2018 21:19

Instrument :

BNA_F

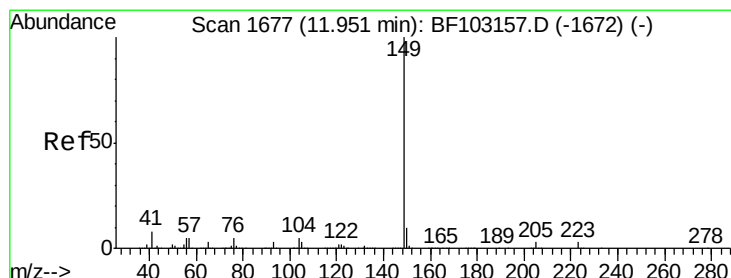
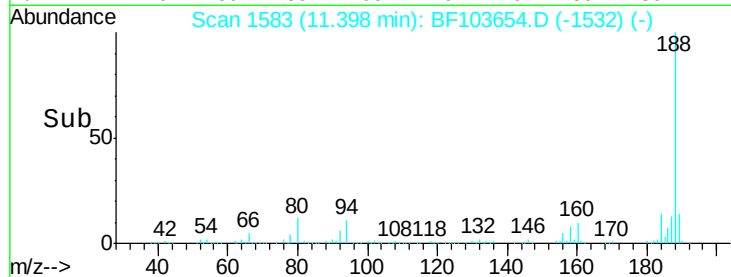
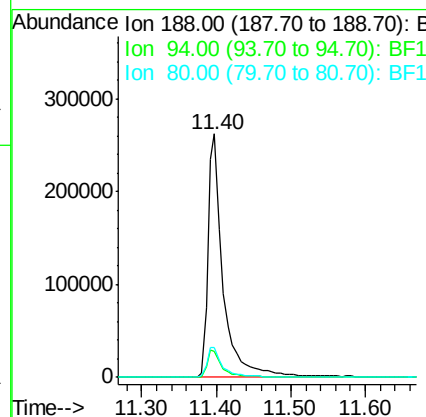
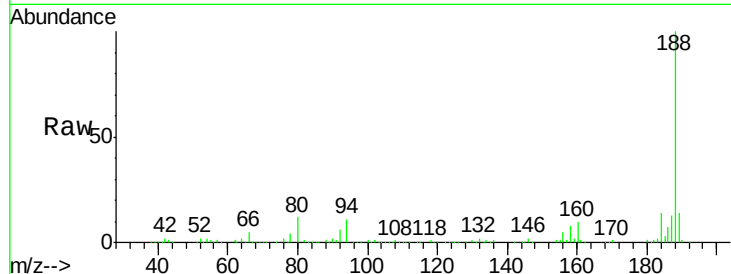
ClientSampleId :

TP-13-COMP

Tot Ion:	188	Resp:	373453
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	12.0	9.2	13.8

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#73

Di-n-butylphthalate

Concen: 10.595 ng

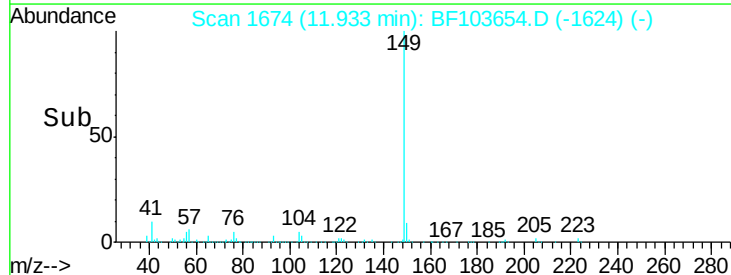
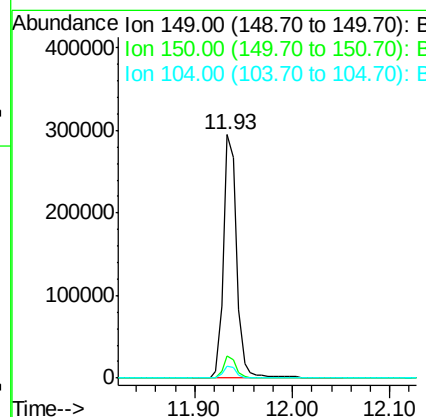
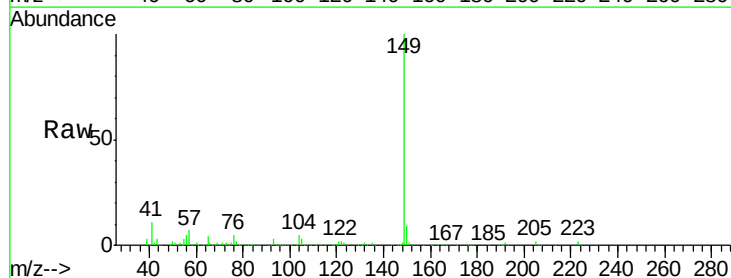
RT: 11.93 min Scan# 1674

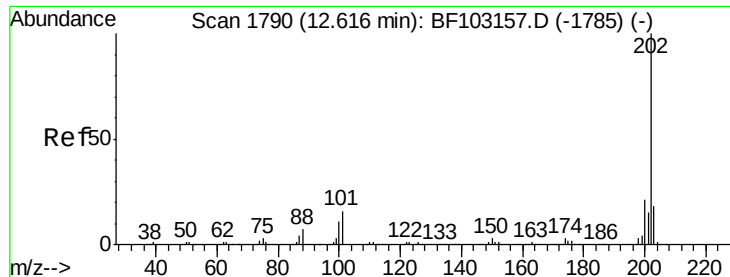
Delta R.T. -0.01 min

Lab File: BF103654.D

Acq: 14 Mar 2018 21:19

Tgt Ion:	149	Resp:	278237
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	5.0	3.8	5.8





#74

Fluoranthene

Concen: 5.690 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103654.D

Acq: 14 Mar 2018 21:19

Instrument :

BNA_F

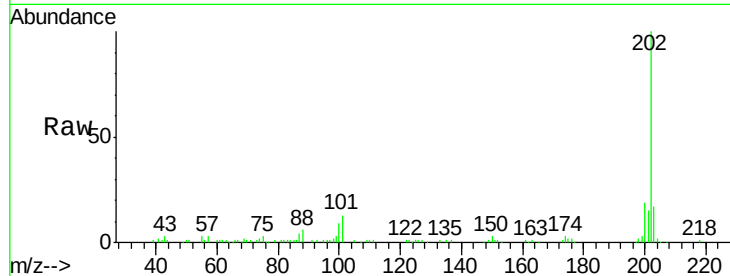
ClientSampleId :

TP-13-COMP

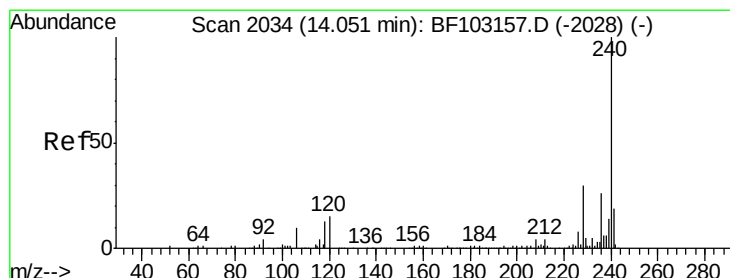
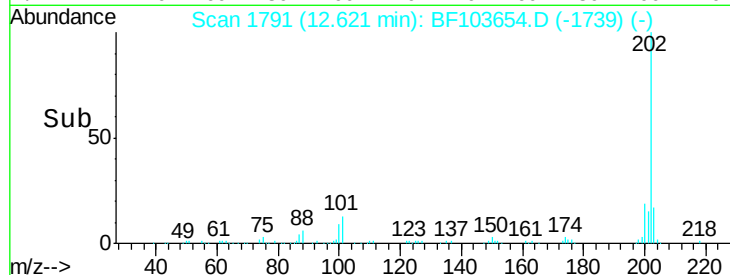
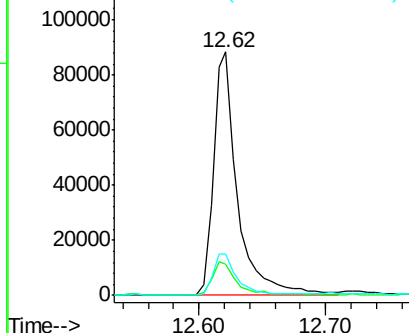
Tot Ion:	202	Resp:	117522
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	17.2	0.0	38.1

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

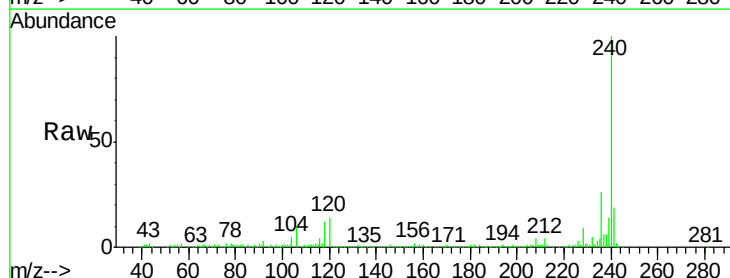
RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

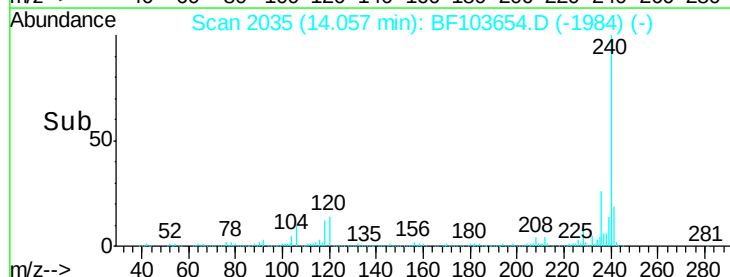
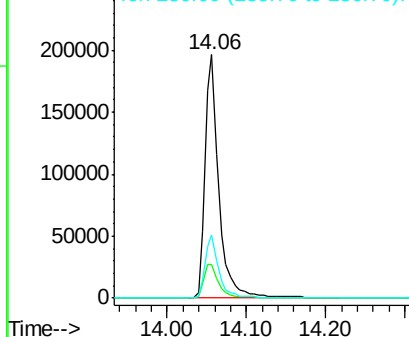
Lab File: BF103654.D

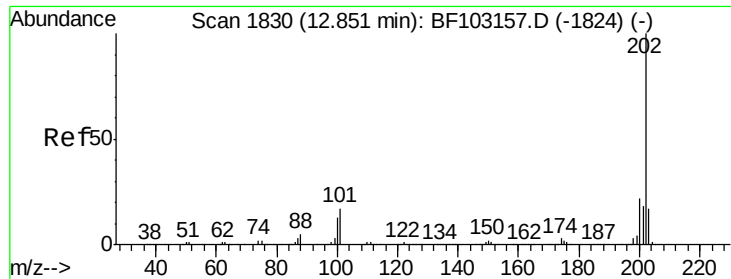
Acq: 14 Mar 2018 21:19

Tgt Ion:	240	Resp:	241172
Ion Ratio	Lower	Upper	
240	100		
120	13.6	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





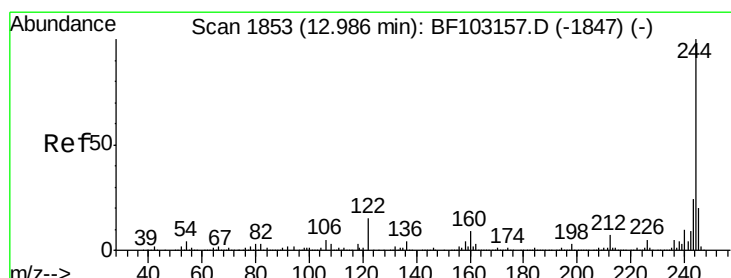
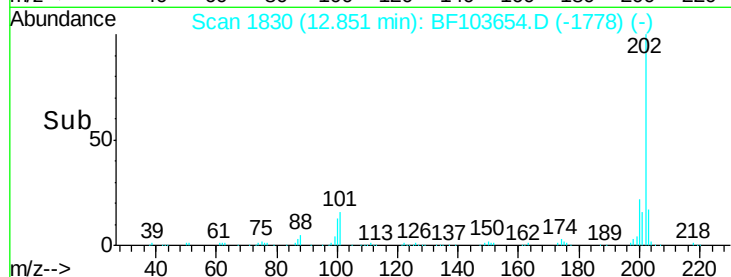
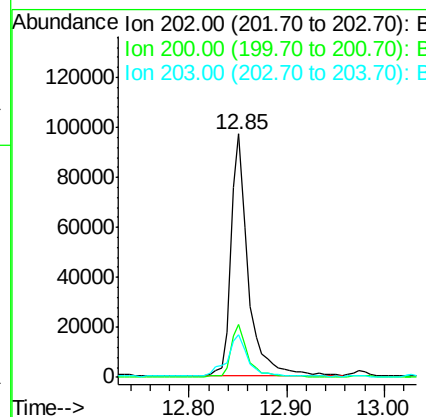
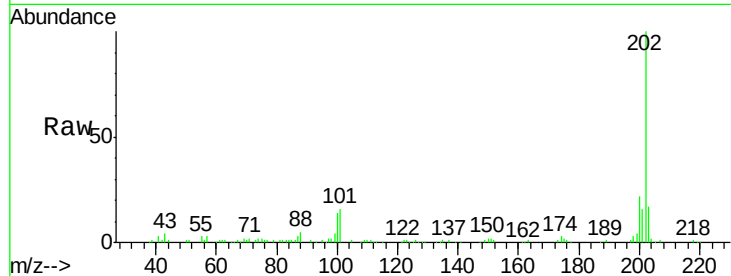
#77
Pvrene
Concen: 6.336 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5

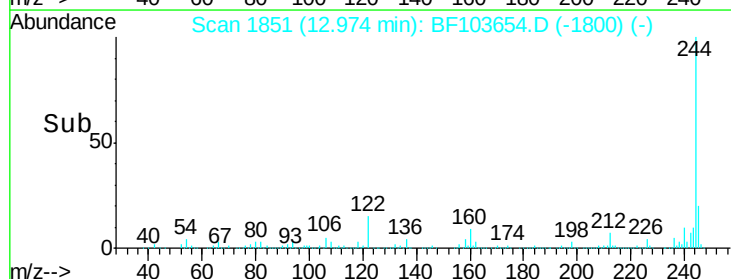
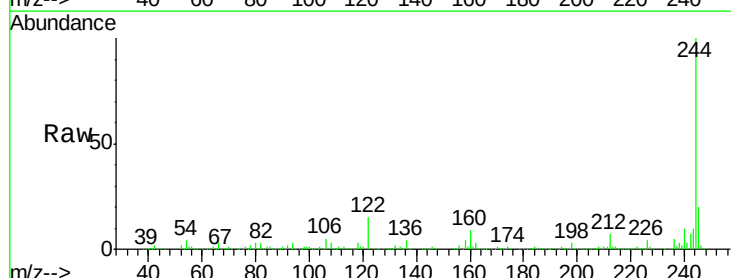
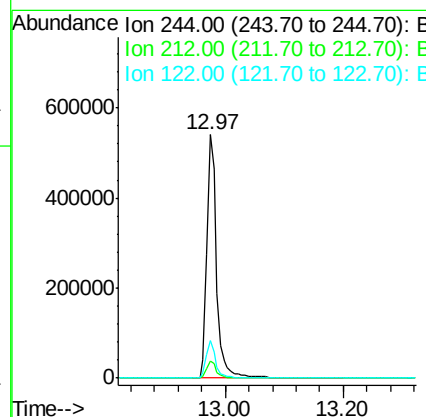
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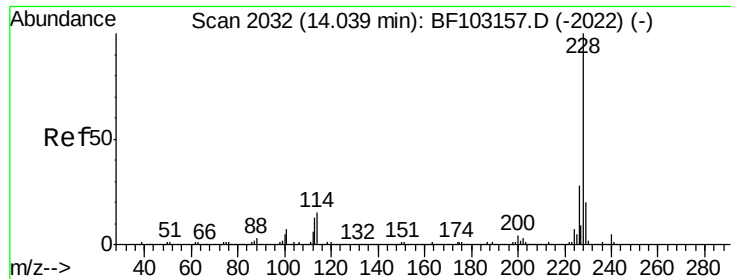
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#78
Terphenyl-d14
Concen: 60.828 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.2	11.0	16.4





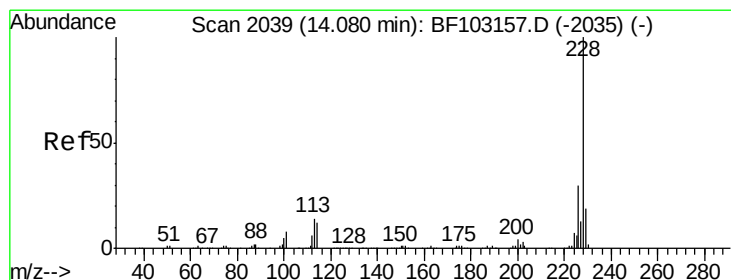
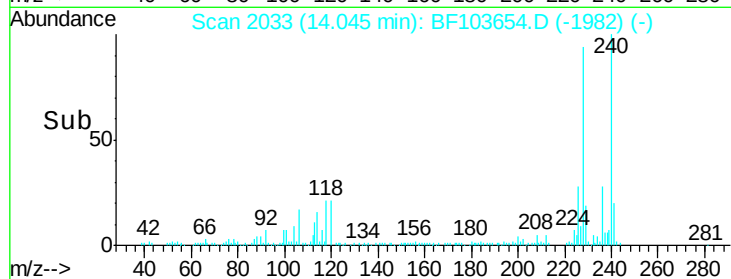
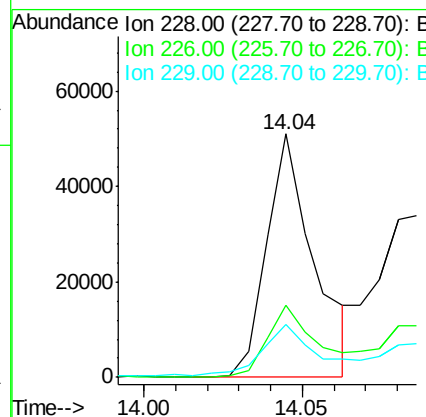
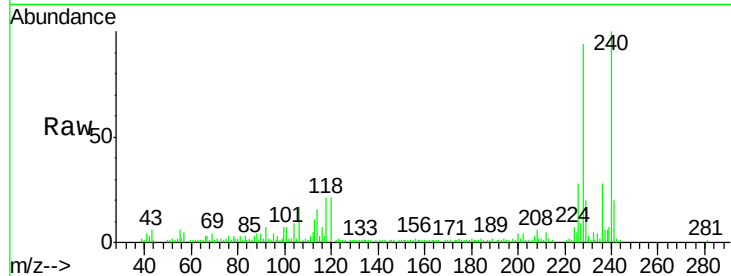
#80
Benzo(a)anthracene
Concen: 3.371 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.5	15.8	23.6

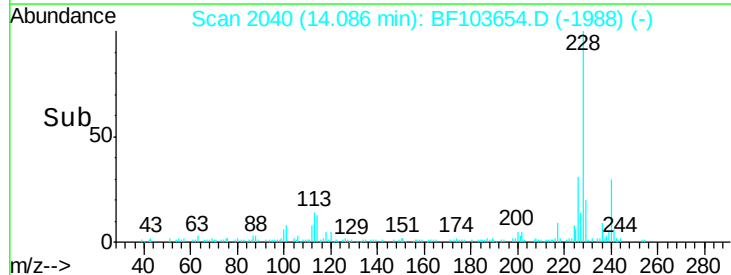
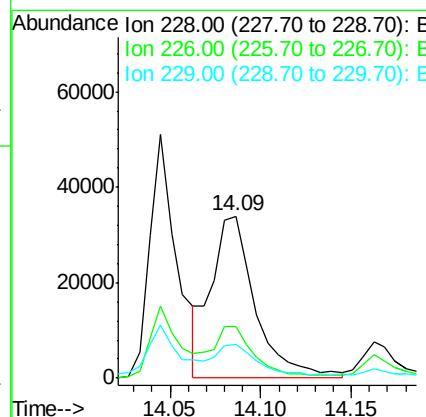
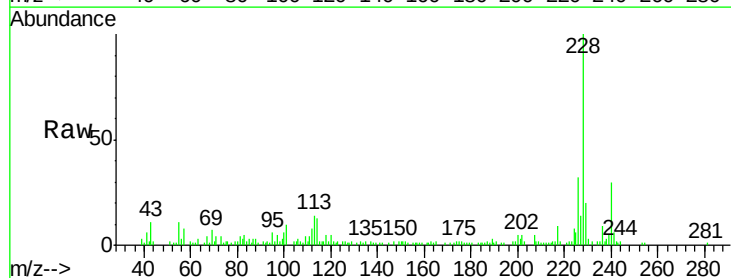
Manual Integrations
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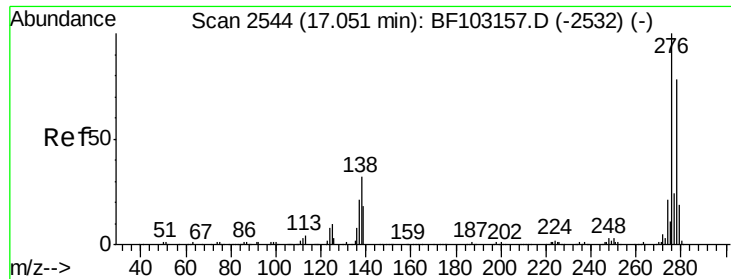
Sohil
3/15/2018 6:57:45 PM



#82
Chrysene
Concen: 3.740 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.5	16.2	24.4





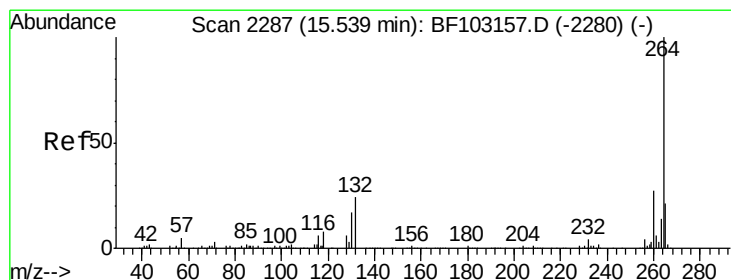
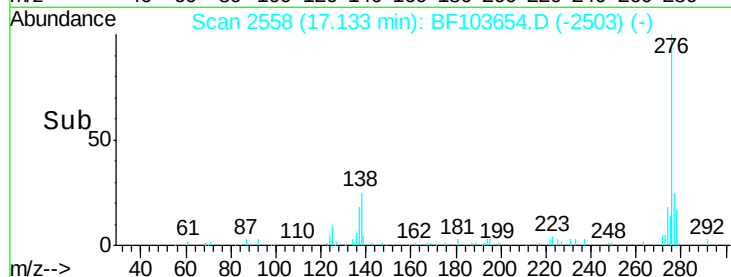
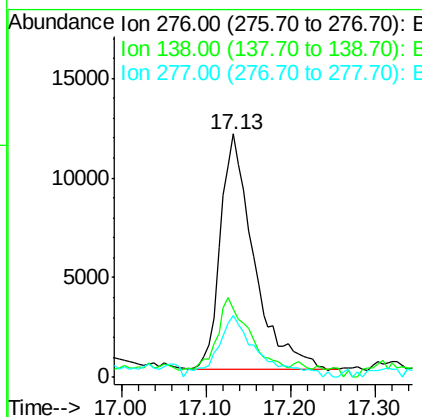
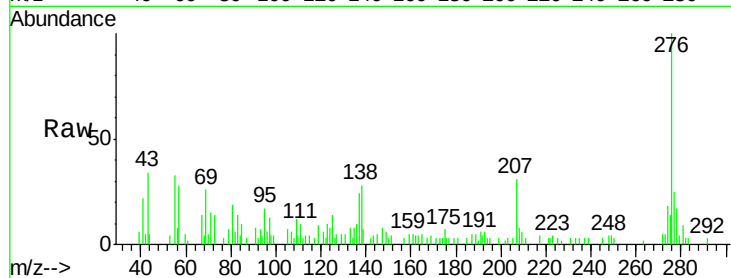
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.721 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.02 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	31.5	20.1	30.1

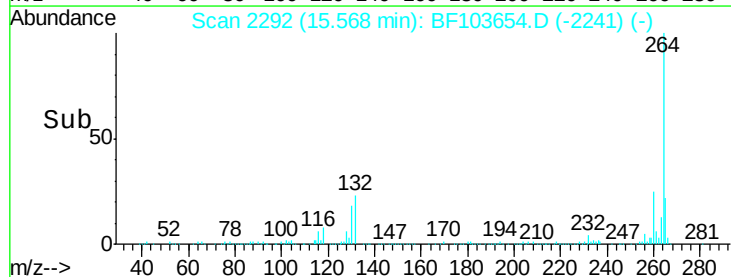
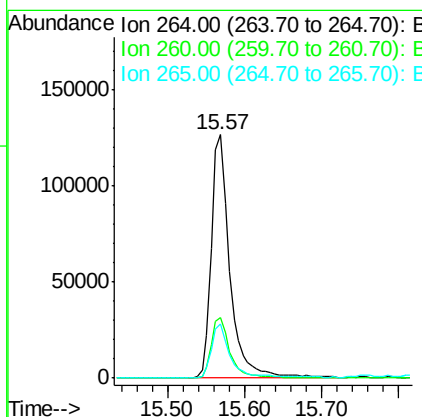
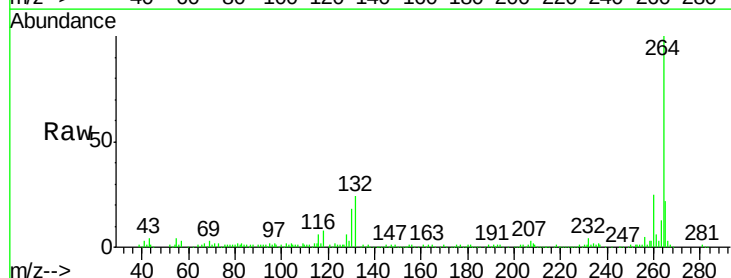
Manual Integrations
APPROVED

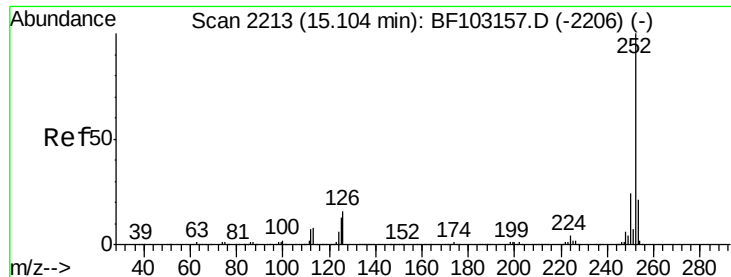
Sohil
3/15/2018 6:57:45 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	17.5	26.3





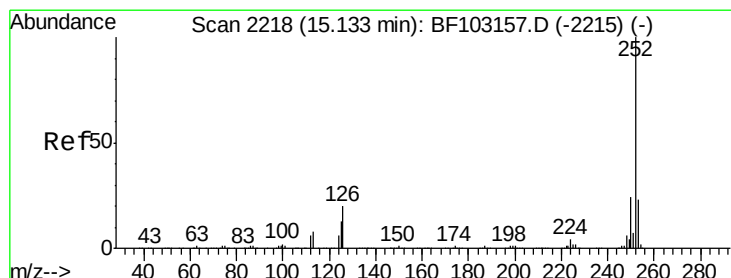
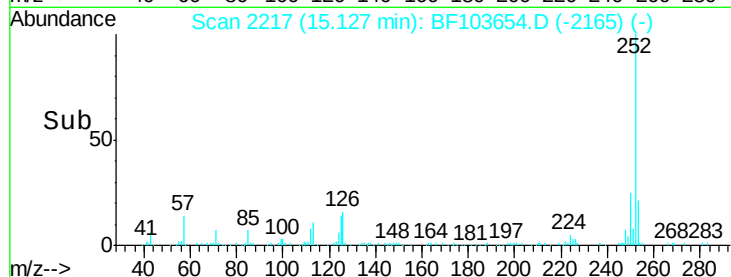
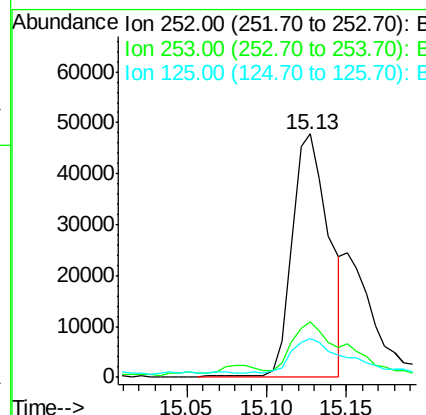
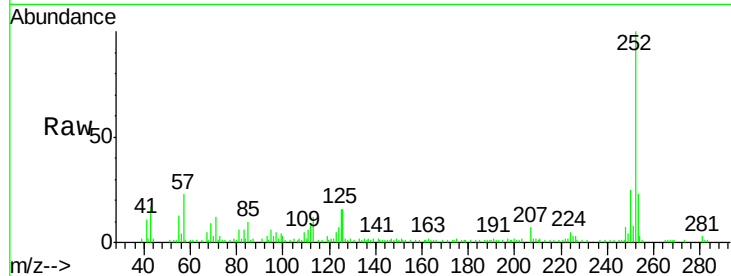
#87
Benzo(b)fluoranthene
Concen: 5.627 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	16.0	9.0	13.6

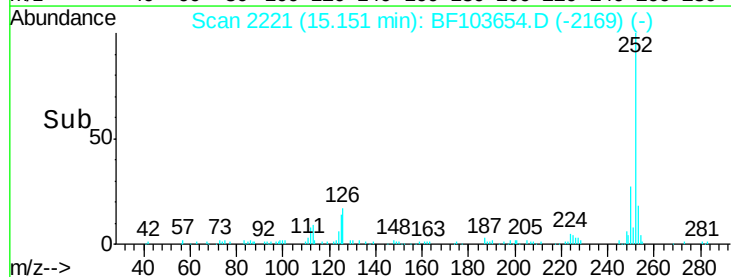
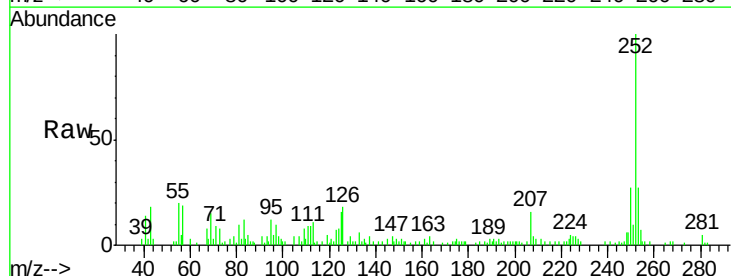
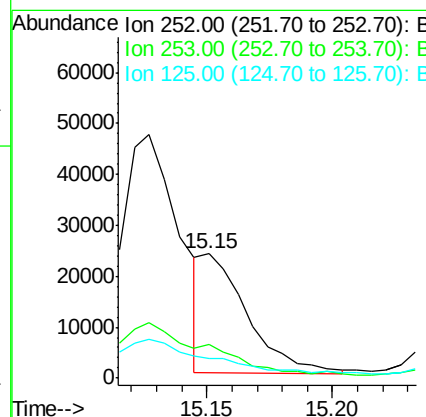
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APPROVED

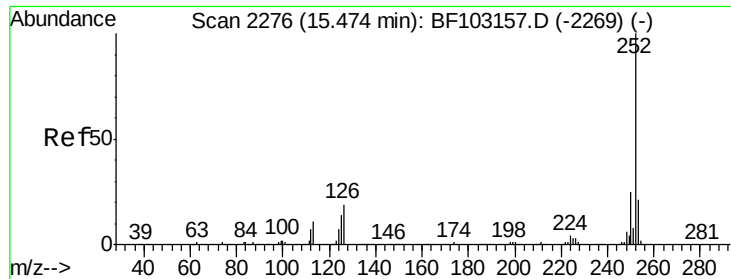
Sohil
3/15/2018 6:57:45 PM



#88
Benzo(k)fluoranthene
Concen: 2.235 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	16.2	10.2	15.2





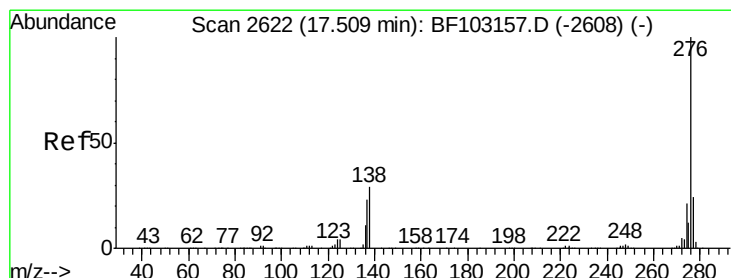
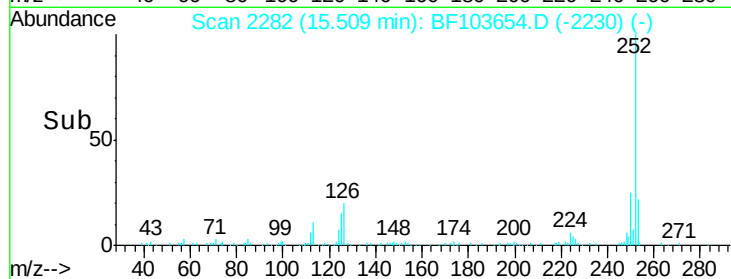
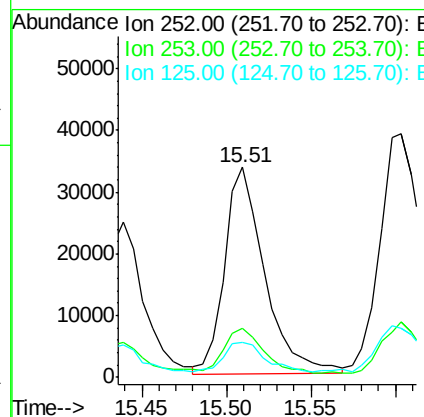
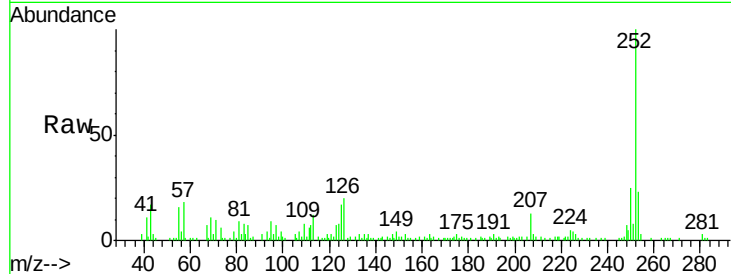
#89
Benzo(a)pyrene
Concen: 4.499 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Instrument :
BNA_F
ClientSampleId :
TP-13-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	16.8	9.8	14.6

Manual Integrations
APPROVED

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3/15/2018 6:57:45 PM



#91
Benzo(g,h,i)perylene
Concen: 3.719 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.02 min
Lab File: BF103654.D
Acq: 14 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	33.2	21.8	32.8

