

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100066.D
 Acq On : 2 Nov 2017 1:00
 Operator : SJ/JU
 Sample : I6079-14 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q3-COMP

Manual Integrations
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Quant Time: Nov 02 05:10:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	68807	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	280527	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	119783	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	188829	20.00	ng	0.01
75) Chrysene-d12	14.32	240	133837m	20.00	ng	0.35
86) Perylene-d12	16.22	264	120782m	20.00	ng	0.75

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	123144	28.10	ng	0.01
7) Phenol-d6	6.43	99	156383	30.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	84257	19.34	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	29295	26.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	186501	24.02	ng	0.00
78) Terphenyl-d14	13.02	244	118573	19.36	ng	0.12

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.54	163	49053	5.171	ng	99
70) Phenanthrene	11.35	178	105062	9.859	ng	98
71) Anthracene	11.40	178	27428	2.536	ng	97
74) Fluoranthene	12.60	202	121883	11.006	ng	99
77) Pyrene	12.86	202	103841	10.204	ng	98
80) Benzo(a)anthracene	14.31	228	50745m	5.981	ng	
82) Chrysene	14.36	228	40843m	5.120	ng	
87) Benzo(b)fluoranthene	15.72	252	47108m	6.177	ng	
88) Benzo(k)fluoranthene	15.75	252	21330m	2.966	ng	
91) Benzo(g,h,i)perylene	17.81	276	17113m	2.873	ng	

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

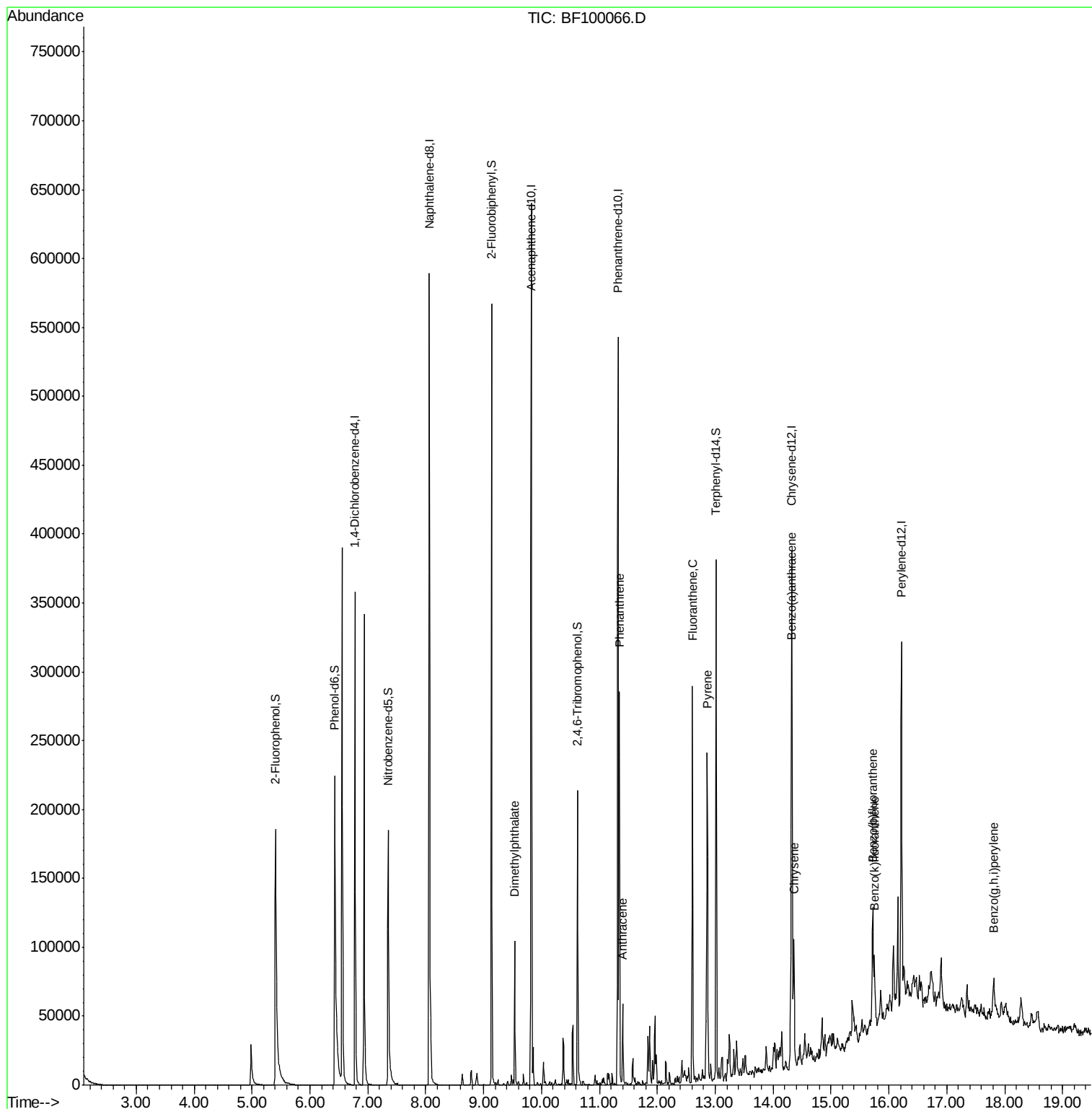
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100066.D
Acq On : 2 Nov 2017 1:00
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Misc :
ALS Vial : 24 Sample Multiplier: 1

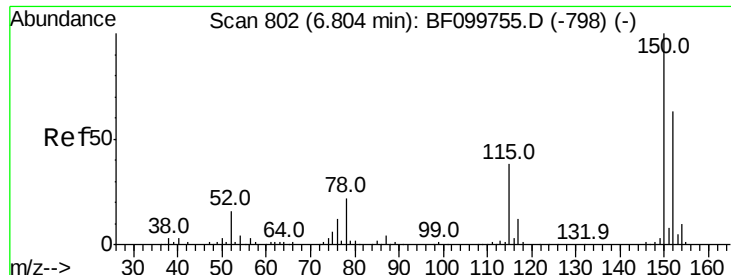
Instrument :
BNA_F
ClientSampleId :
Q3-COMP

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Quant Time: Nov 02 05:10:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

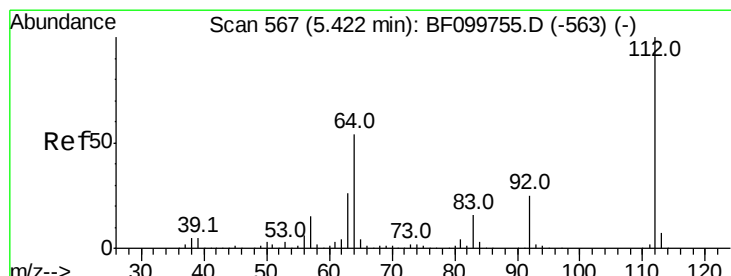
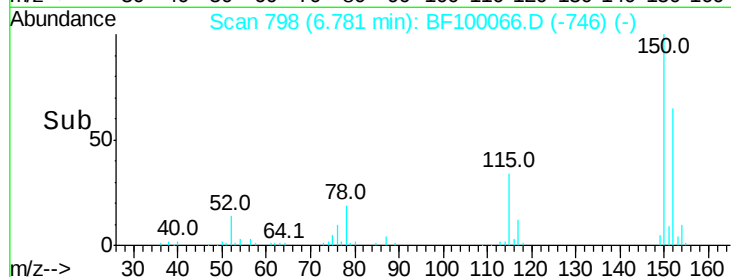
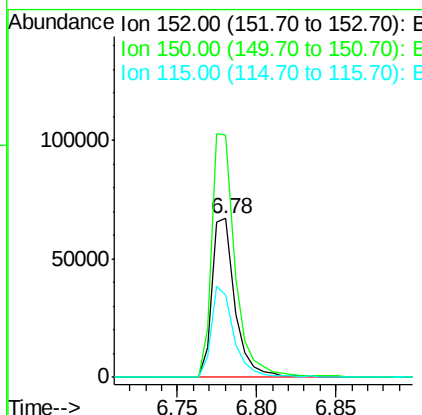
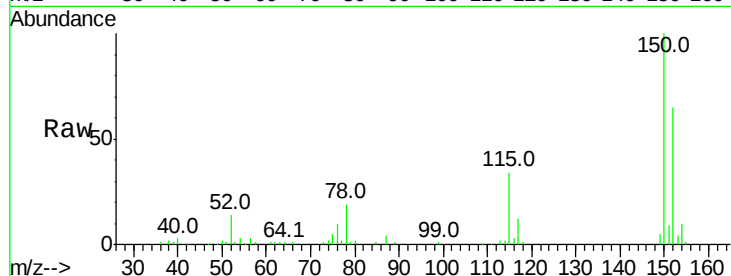
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampled :
Q3-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	51.9	50.1	75.1

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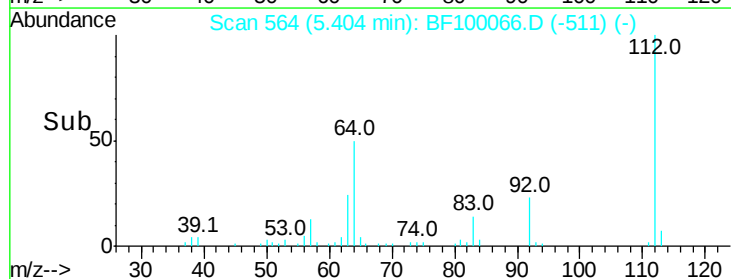
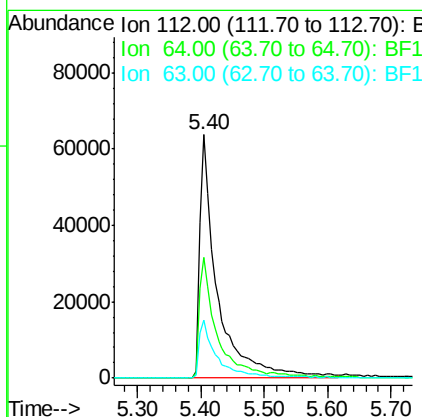
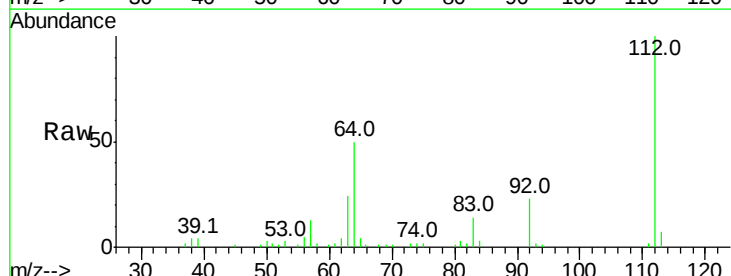
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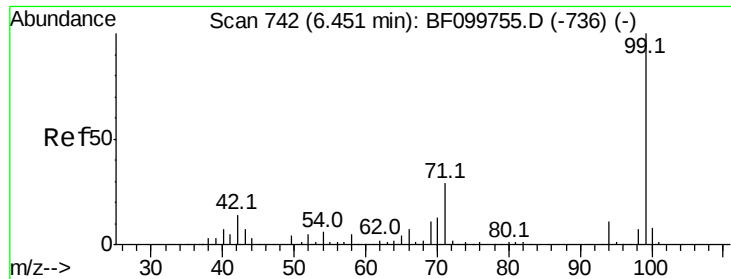


#5

2-Fluorophenol
Concen: 28.098 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	47.9	71.9
63	23.8	23.7	35.5





#7

Phenol-d6

Concen: 30.093 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Instrument :

BNA_F

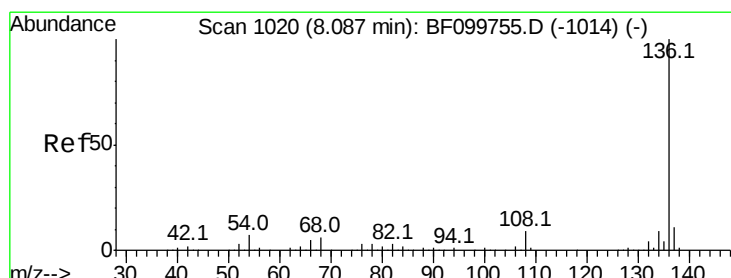
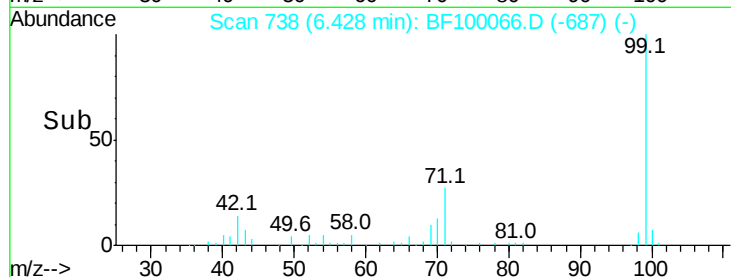
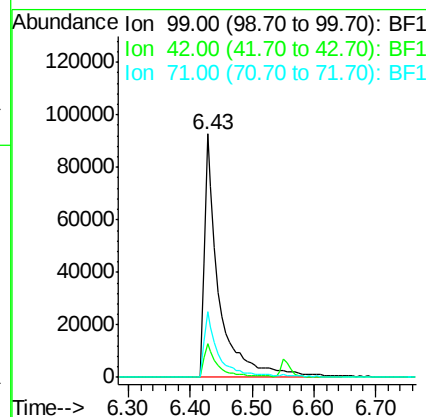
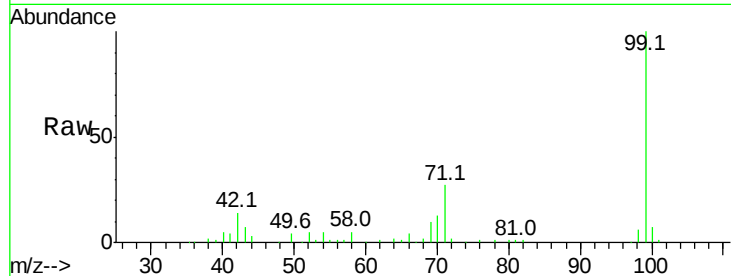
ClientSampleId :

Q3-COMP

Tot Ion:	99	Resp:	156383
Ion Ratio	Lower	Upper	
99	100		
42	14.0	14.5	21.7#
71	27.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

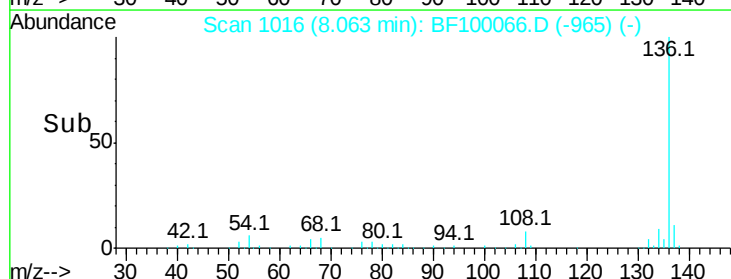
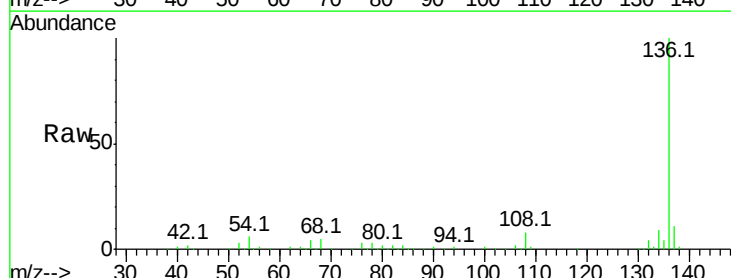
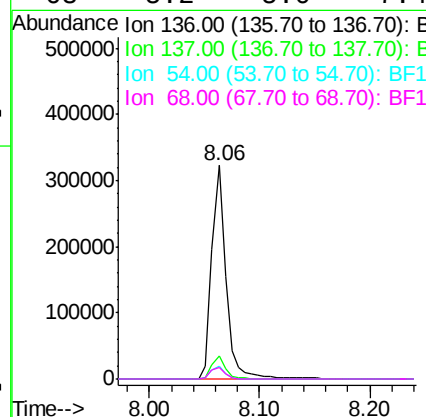
RT: 8.06 min Scan# 1016

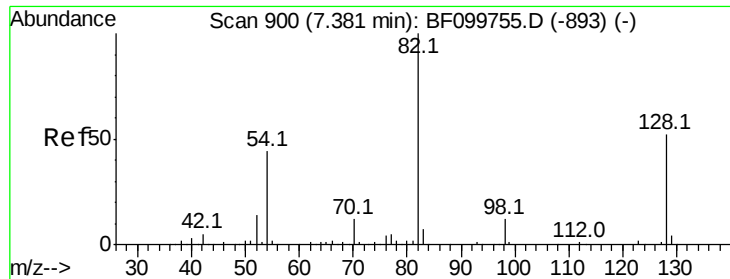
Delta R.T. 0.00 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Tgt Ion:	136	Resp:	280527
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	5.9	6.6	9.8#
68	5.2	5.0	7.4





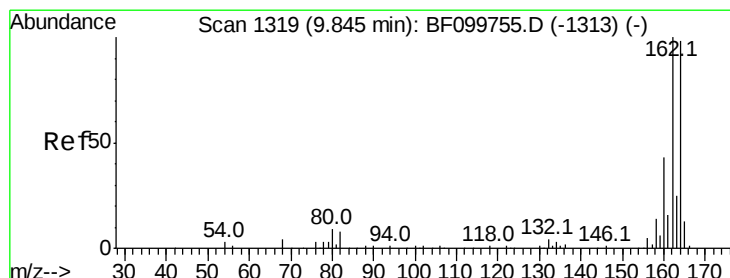
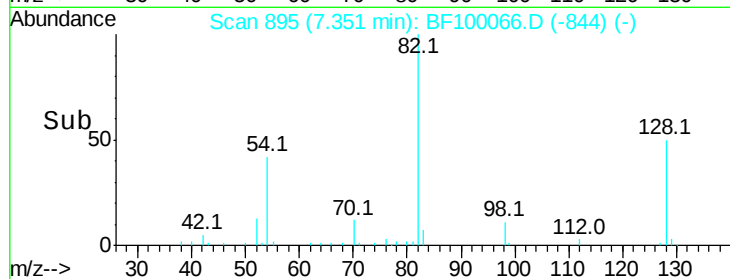
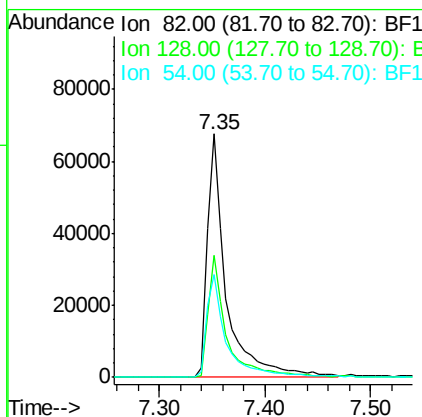
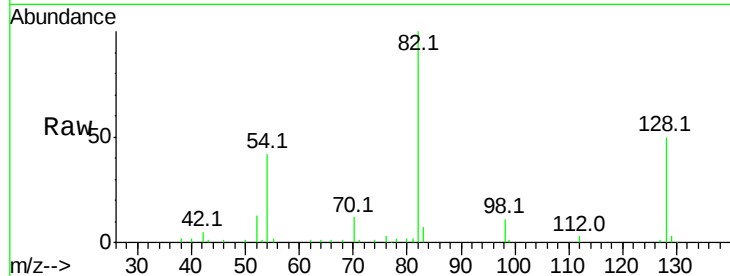
#23
 Nitrobenzene-d5
 Concen: 19.337 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Instrument :
 BNA_F
 ClientSampled :
 Q3-COMP

Tot Ion	82	Resp	84257
Ion Ratio	100	Lower	Upper
128	50.3	36.1	54.1
54	42.4	41.4	62.2

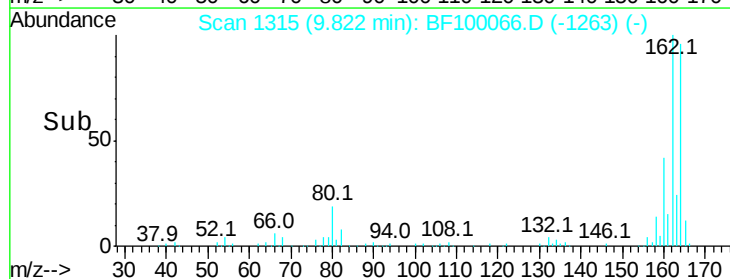
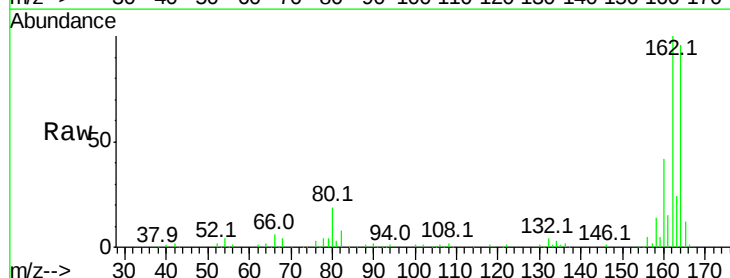
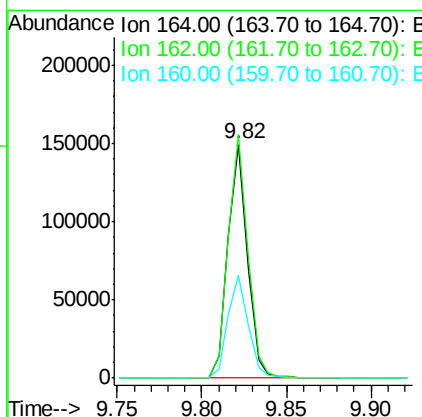
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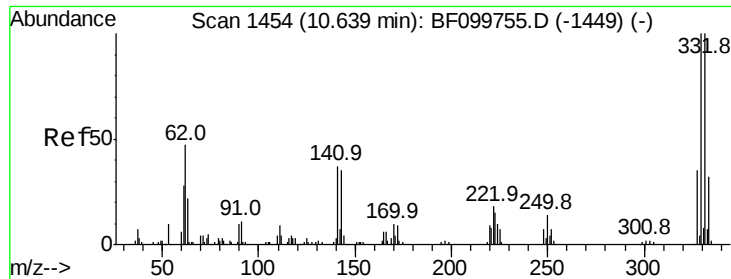
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Tgt Ion	164	Resp	119783
Ion Ratio	100	Lower	Upper
162	104.2	86.1	129.1
160	44.2	38.3	57.5





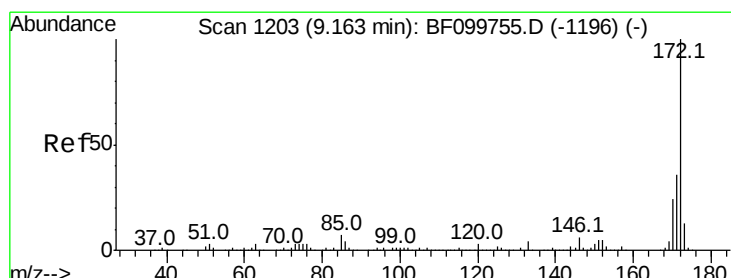
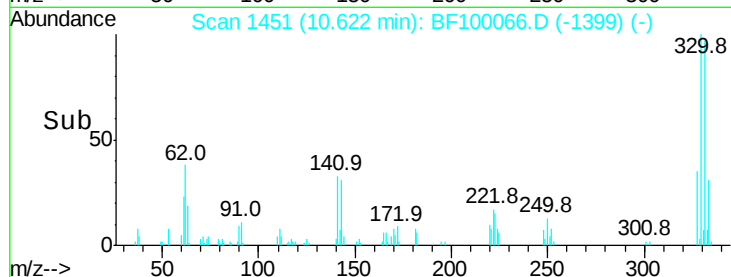
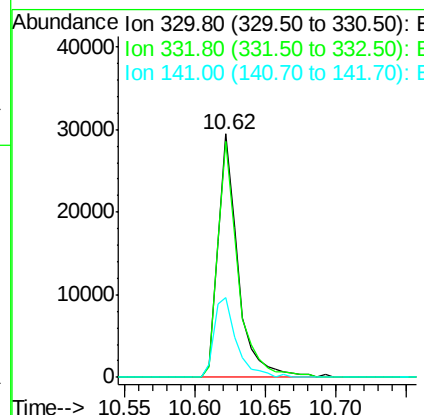
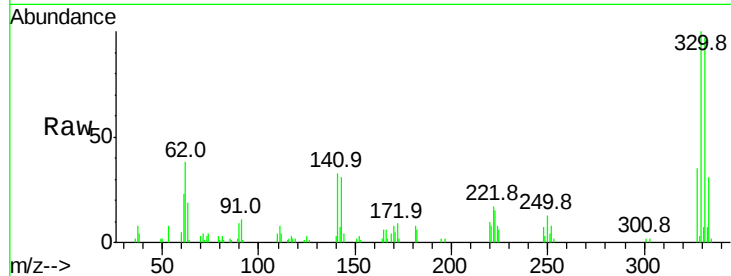
#41
 2,4,6-Tribromophenol
 Concen: 26.837 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 Q3-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	29295		
332	96.8	77.0	115.6	
141	36.0	29.9	44.9	

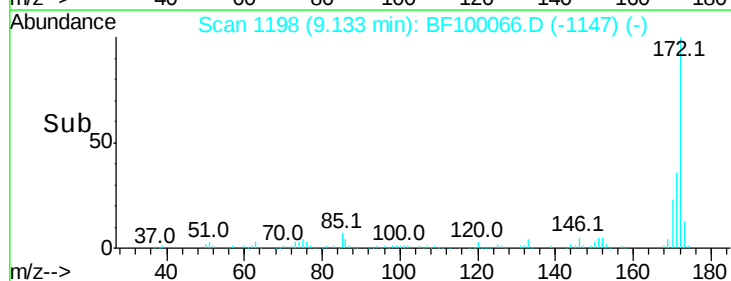
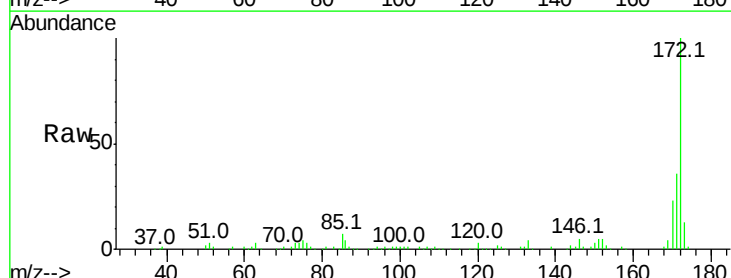
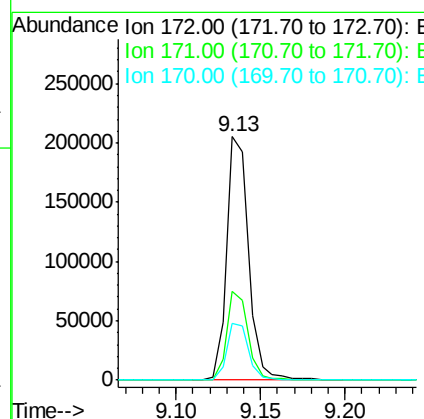
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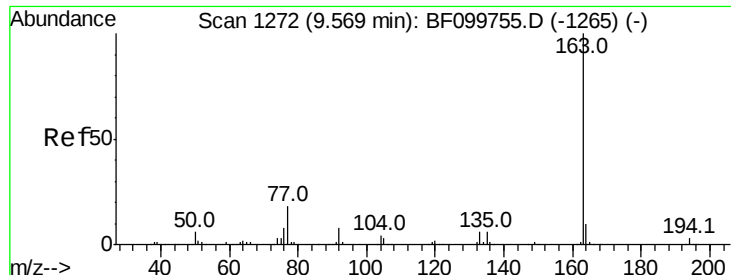
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#44
 2-Fluorobiphenyl
 Concen: 24.022 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	186501		
171	36.2	29.7	44.5	
170	23.3	19.6	29.4	





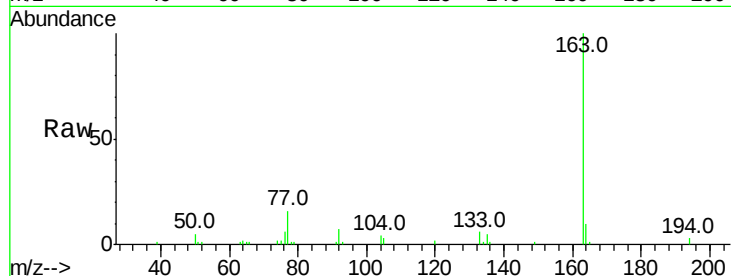
#49
Dimethylphthalate
Concen: 5.171 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

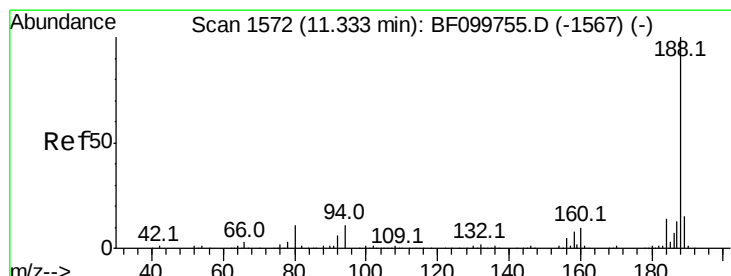
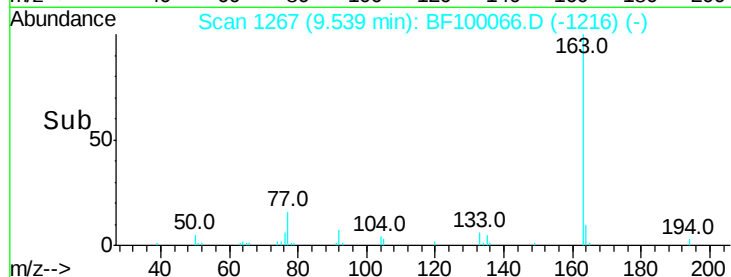
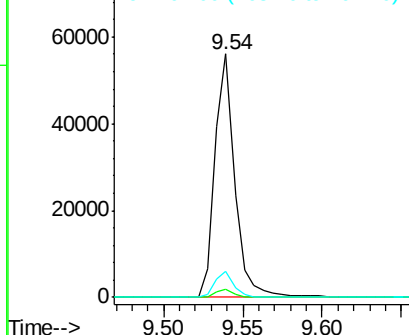
Tot Ion	Ratio	Resp	Lower	Upper
163	100	49053		
194	3.4		2.7	4.1
164	10.5		8.2	12.2

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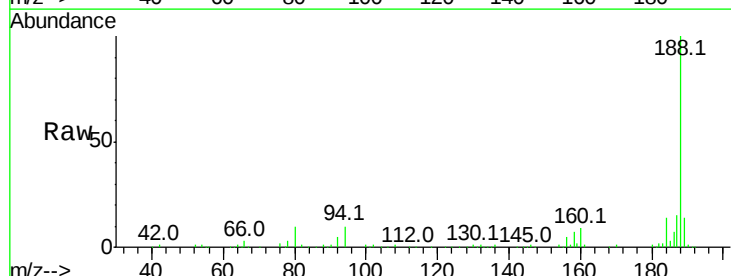


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

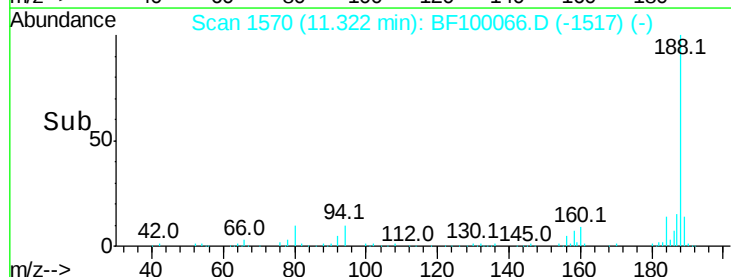
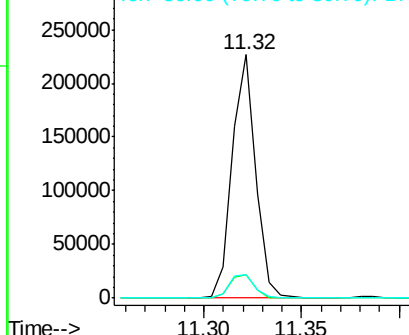


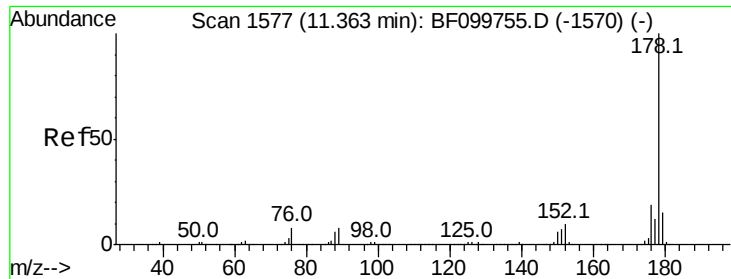
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	188829		
94	9.5		8.5	12.7
80	9.7		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





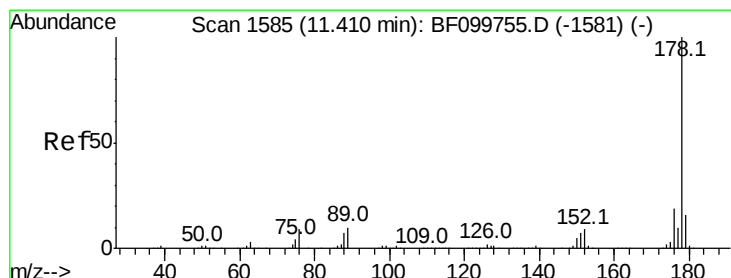
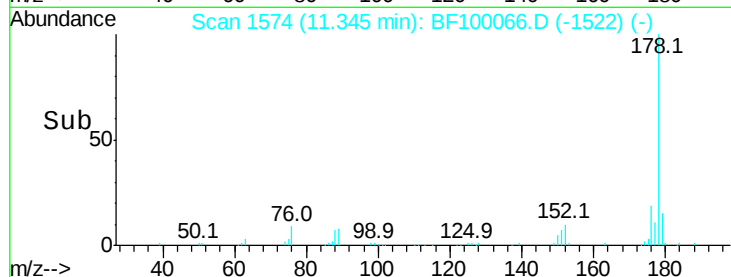
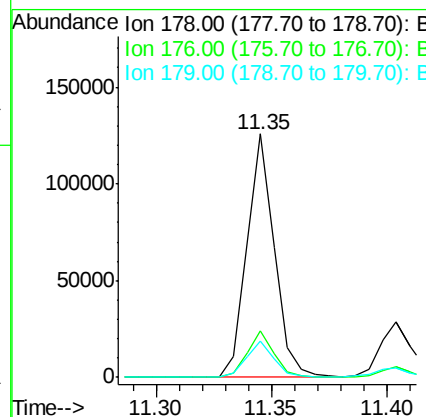
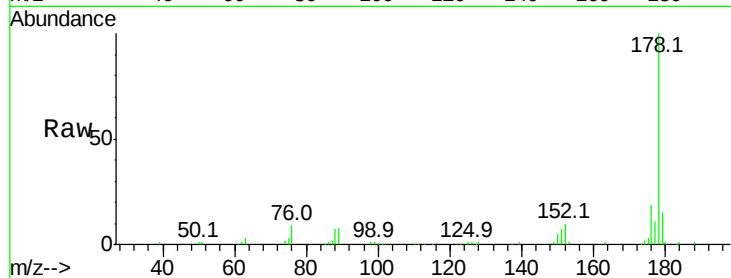
#70
Phenanthrene
Concen: 9.859 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6

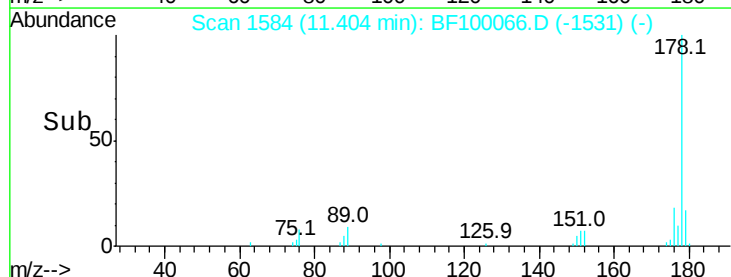
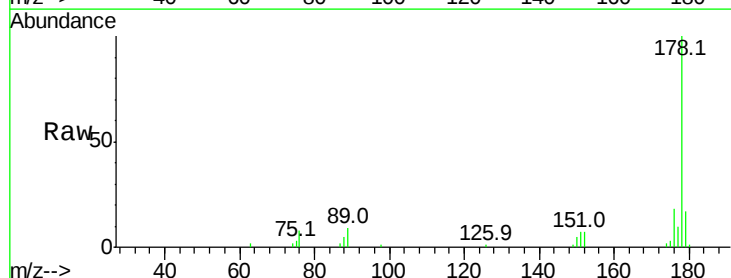
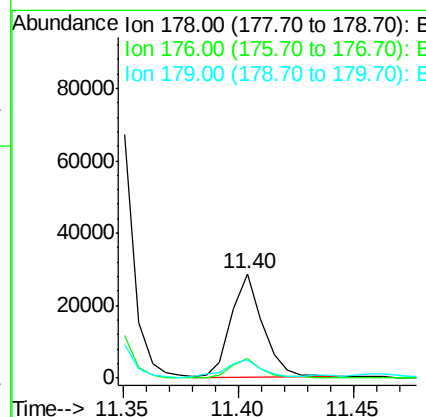
Manual Integrations
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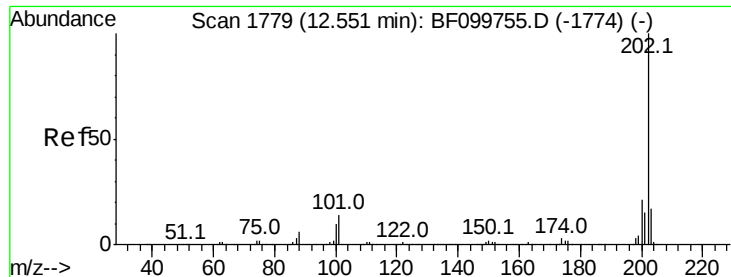
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#71
Anthracene
Concen: 2.536 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	17.3	12.6	19.0





#74

Fluoranthene

Concen: 11.006 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.07 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Instrument :

BNA_F

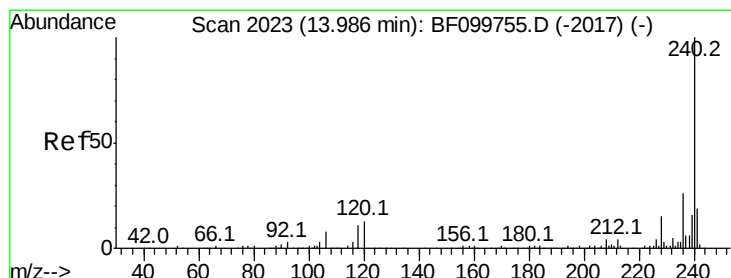
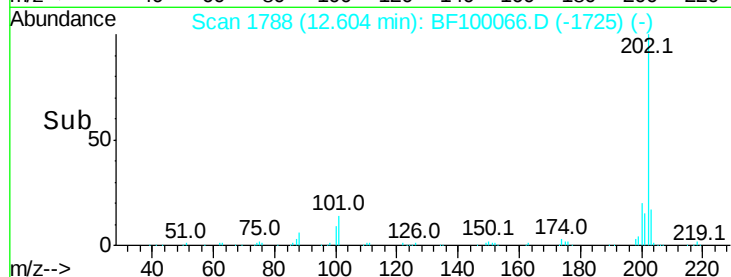
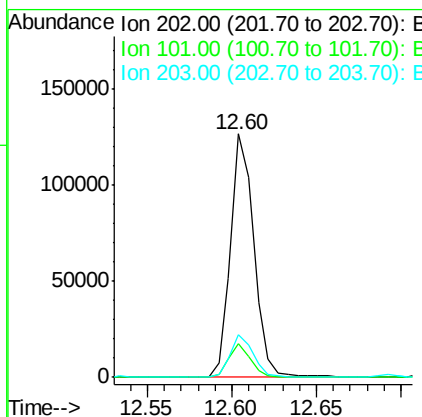
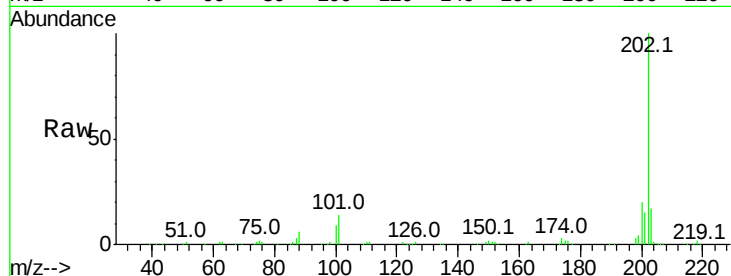
ClientSampleId :

Q3-COMP

Tot Ion:	202	Resp:	121883
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng m

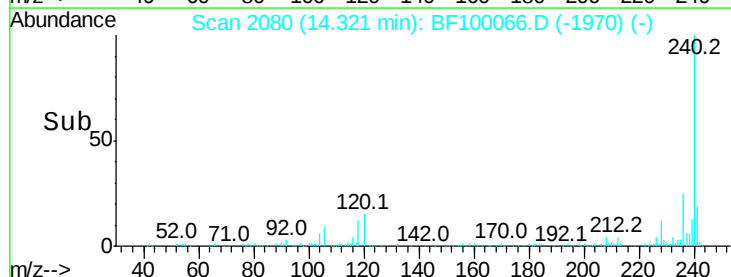
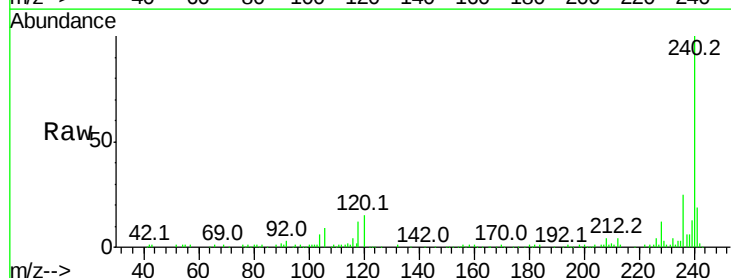
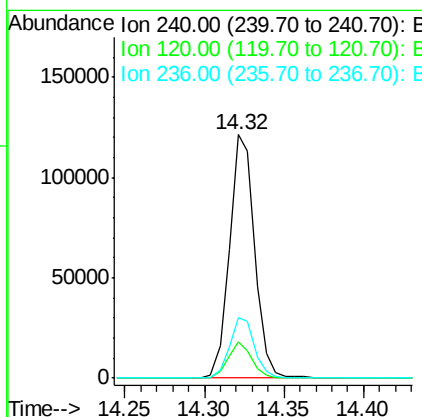
RT: 14.32 min Scan# 2080

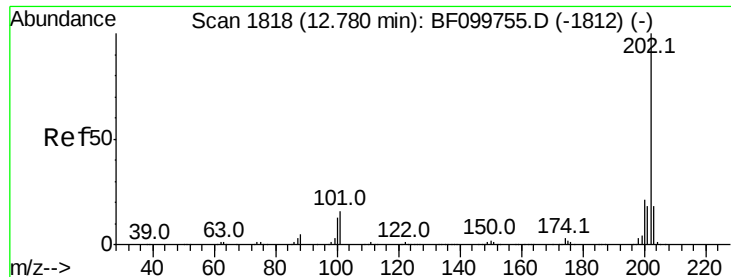
Delta R.T. 0.35 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Tgt Ion:	240	Resp:	133837
Ion Ratio	Lower	Upper	
240	100		
120	14.9	9.5	14.3#
236	24.8	20.7	31.1





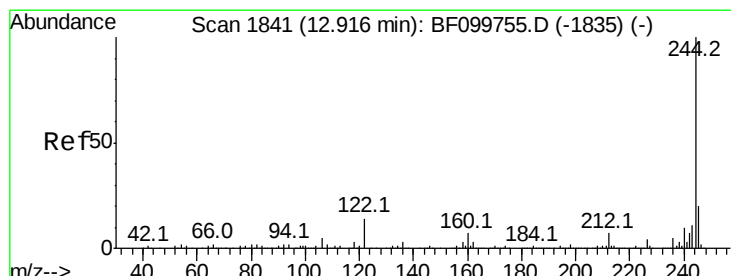
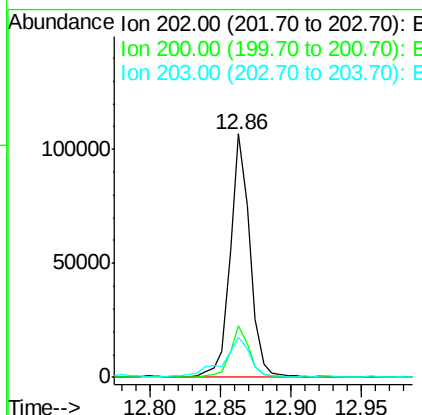
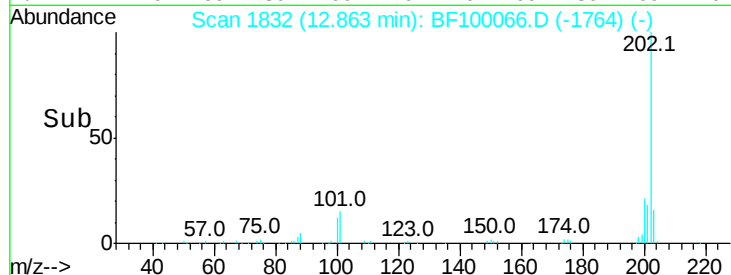
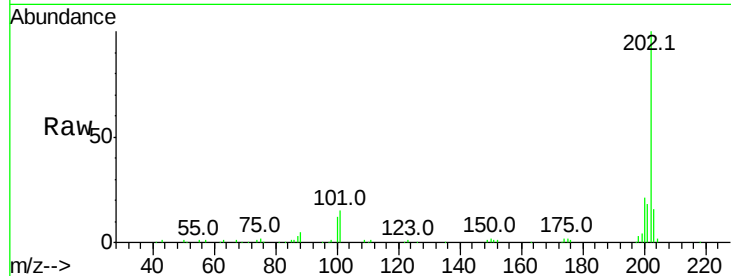
#77
Pvrene
Concen: 10.204 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.10 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampled :
Q3-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.5	14.3	21.5

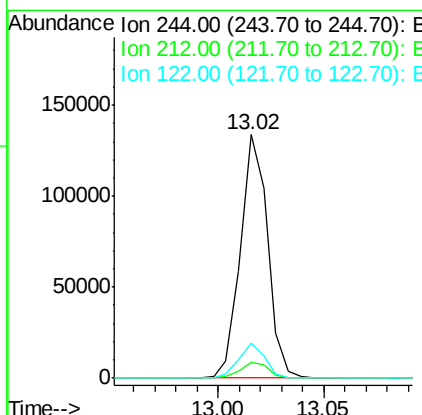
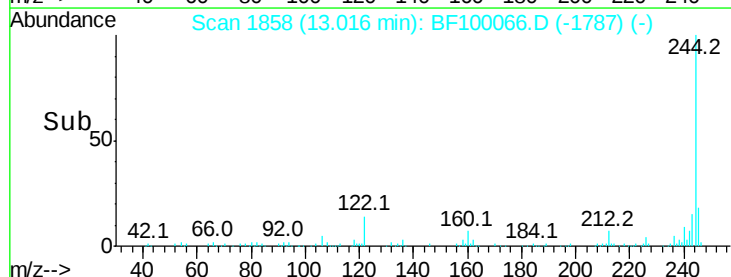
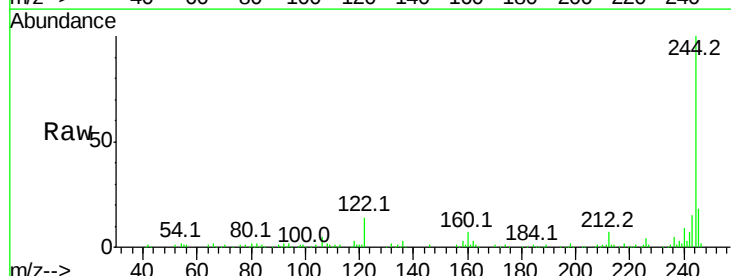
Manual Integrations
APPROVED

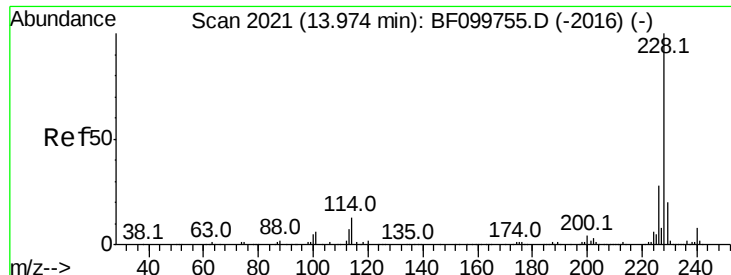
Sohil
11/2/2017 4:29:55 PM



#78
Terphenyl-d14
Concen: 19.361 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.12 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.2	11.0	16.4





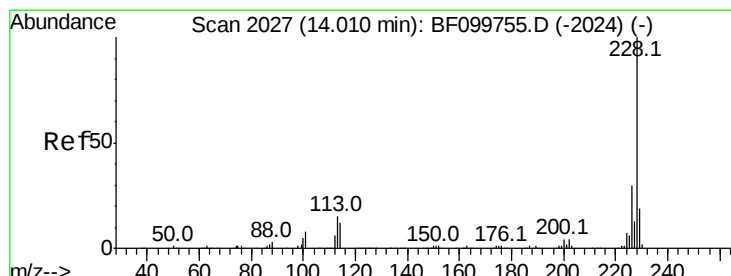
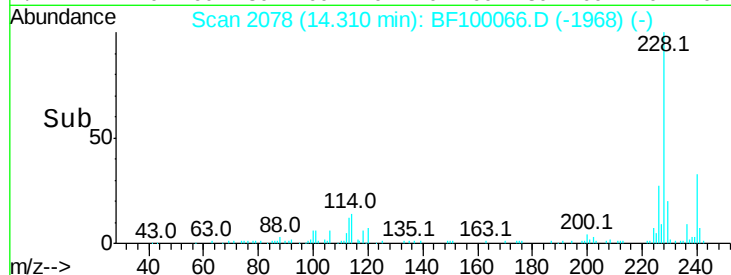
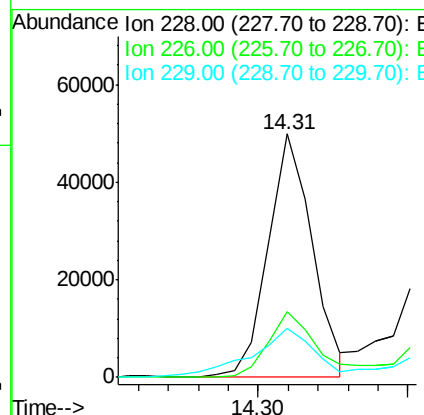
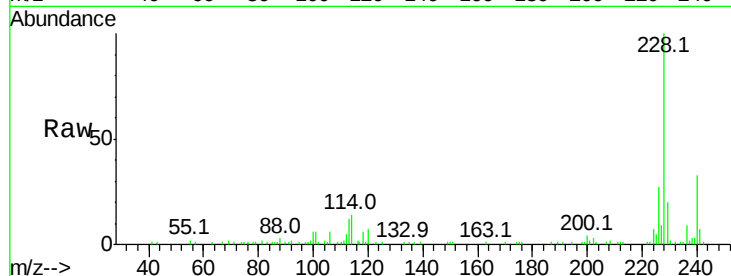
#80
Benzo(a)anthracene
Concen: 5.981 ng m
RT: 14.31 min Scan# 2078
Delta R.T. 0.35 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.9	15.8	23.6

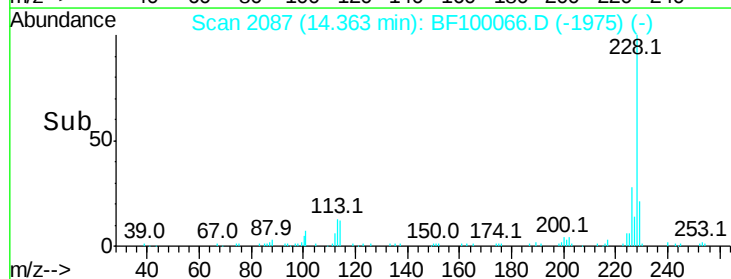
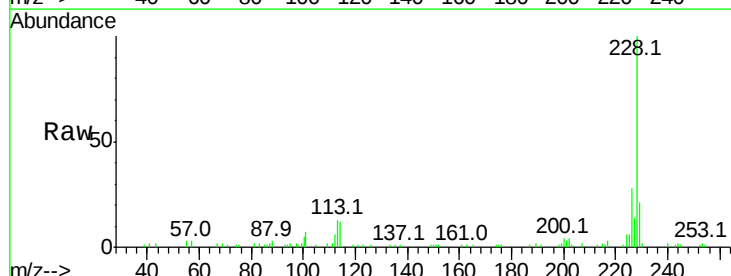
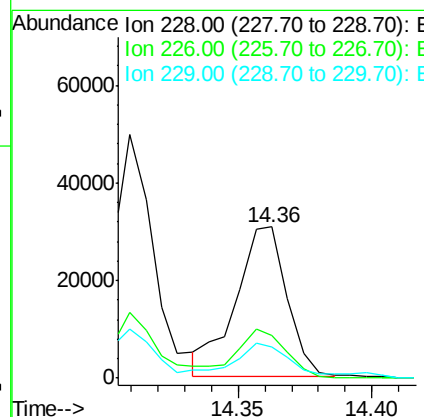
Manual Integrations
APPROVED

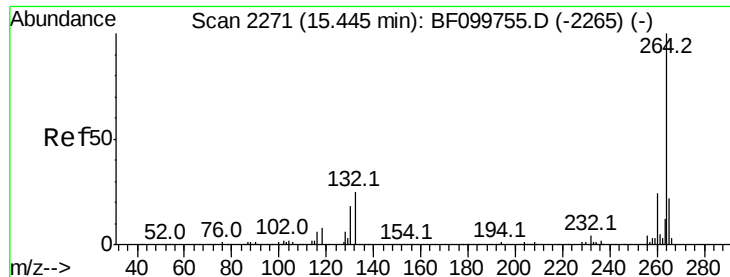
Sohil
11/2/2017 4:29:55 PM



#82
Chrysene
Concen: 5.120 ng m
RT: 14.36 min Scan# 2087
Delta R.T. 0.36 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	21.0	16.2	24.4





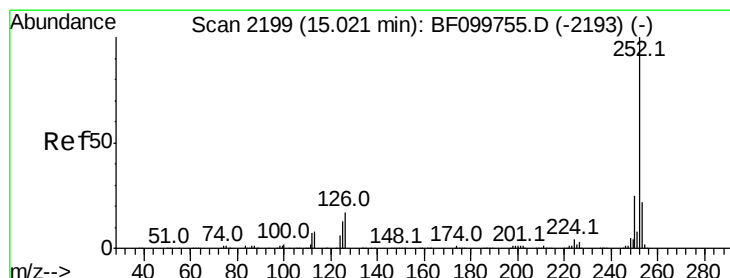
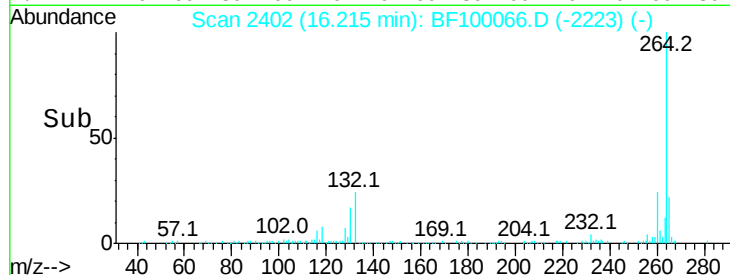
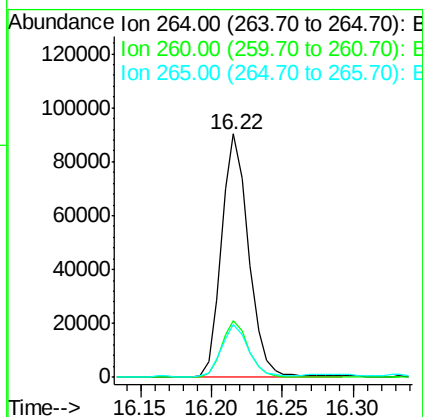
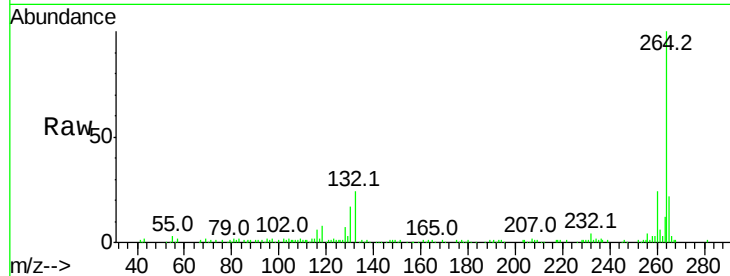
#86
Pervlene-d12
Concen: 20.000 ng m
RT: 16.22 min Scan# 2402
Delta R.T. 0.75 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

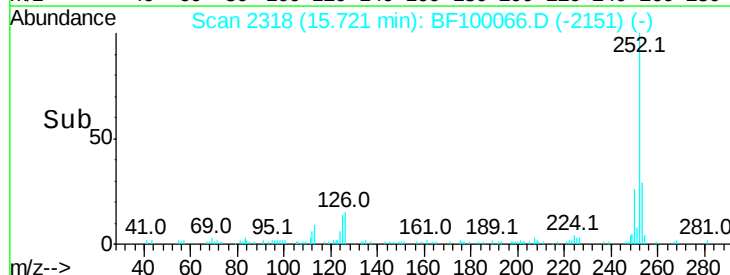
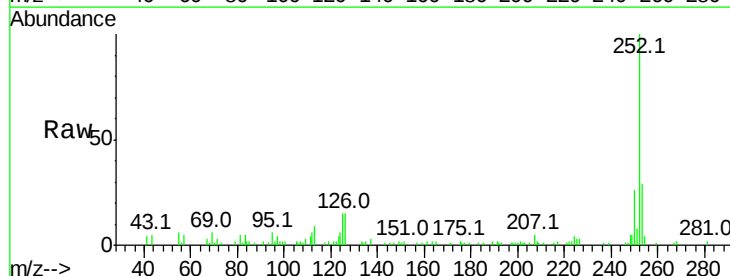
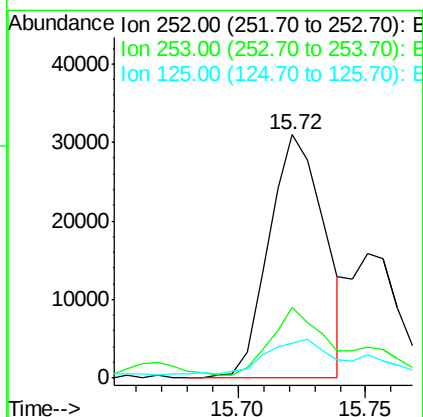
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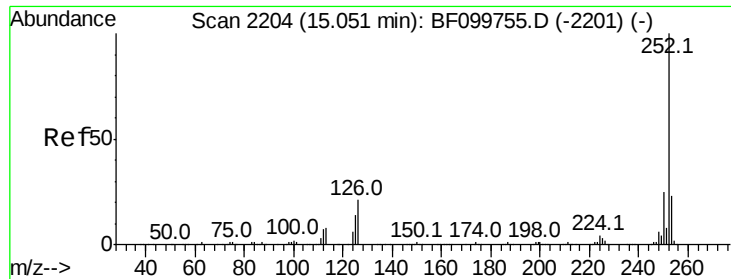
Sohil
11/2/2017 4:29:55 PM



#87
Benzo(b)fluoranthene
Concen: 6.177 ng m
RT: 15.72 min Scan# 2318
Delta R.T. 0.68 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.0	25.6#
125	14.6	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.966 ng m

RT: 15.75 min Scan# 2323

Delta R.T. 0.68 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Instrument :

BNA_F

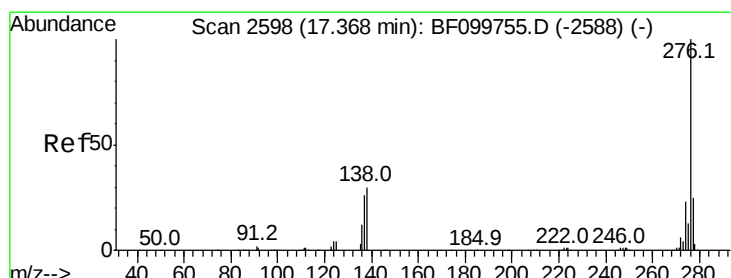
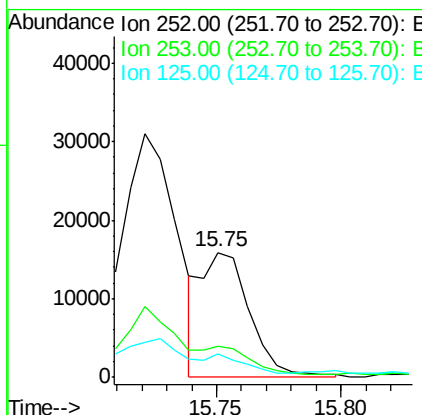
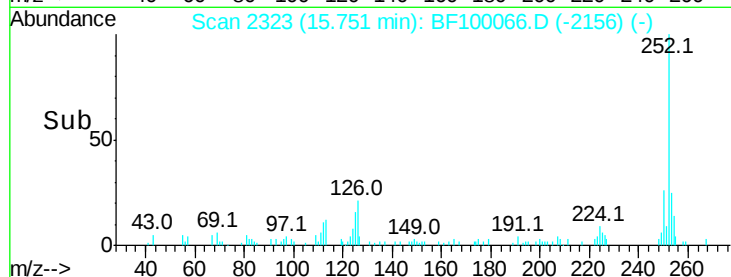
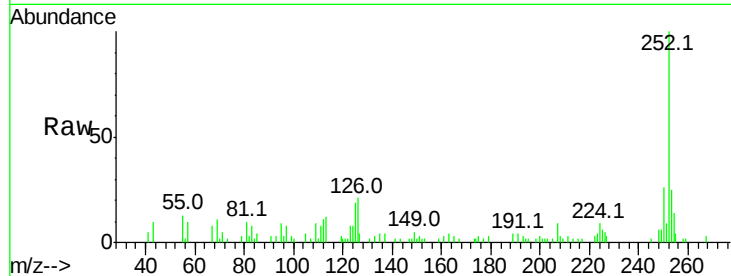
ClientSampleId :

Q3-COMP

Tot Ion:	252	Resp:	21330
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.9	26.9
125	18.7	10.2	15.2#

Manual Integrations
APPROVED

Sohil
11/2/2017 4:29:55 PM



#91

Benzo(g,h,i)perylene

Concen: 2.873 ng m

RT: 17.81 min Scan# 2673

Delta R.T. 0.41 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Tgt Ion:	276	Resp:	17113
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	26.5	21.8	32.8

