

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100020.D
 Acq On : 31 Oct 2017 22:42
 Operator : SJ/JU
 Sample : I6081-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILL

Manual Integrations
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 11/1/2017 2:37:56 PM

Quant Time: Nov 01 05:41:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	95647	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	381531	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	168399	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	281639	20.00	ng	0.00
75) Chrysene-d12	13.97	240	161748	20.00	ng	-0.01
86) Perylene-d12	15.46	264	167429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	537099	88.16	ng	0.00
7) Phenol-d6	6.43	99	655873	90.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	360417	60.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	132061	86.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	757367	69.39	ng	0.00
78) Terphenyl-d14	12.90	244	540331	73.00	ng	0.00
Target Compounds						
10) Phenol	6.45	94	30166	3.803	ng	88
49) Dimethylphthalate	9.54	163	67652	5.073	ng	99
70) Phenanthrene	11.34	178	36114	2.272	ng	98
74) Fluoranthene	12.54	202	49984	3.026	ng	98
77) Pyrene	12.77	202	44025	3.579	ng	99

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

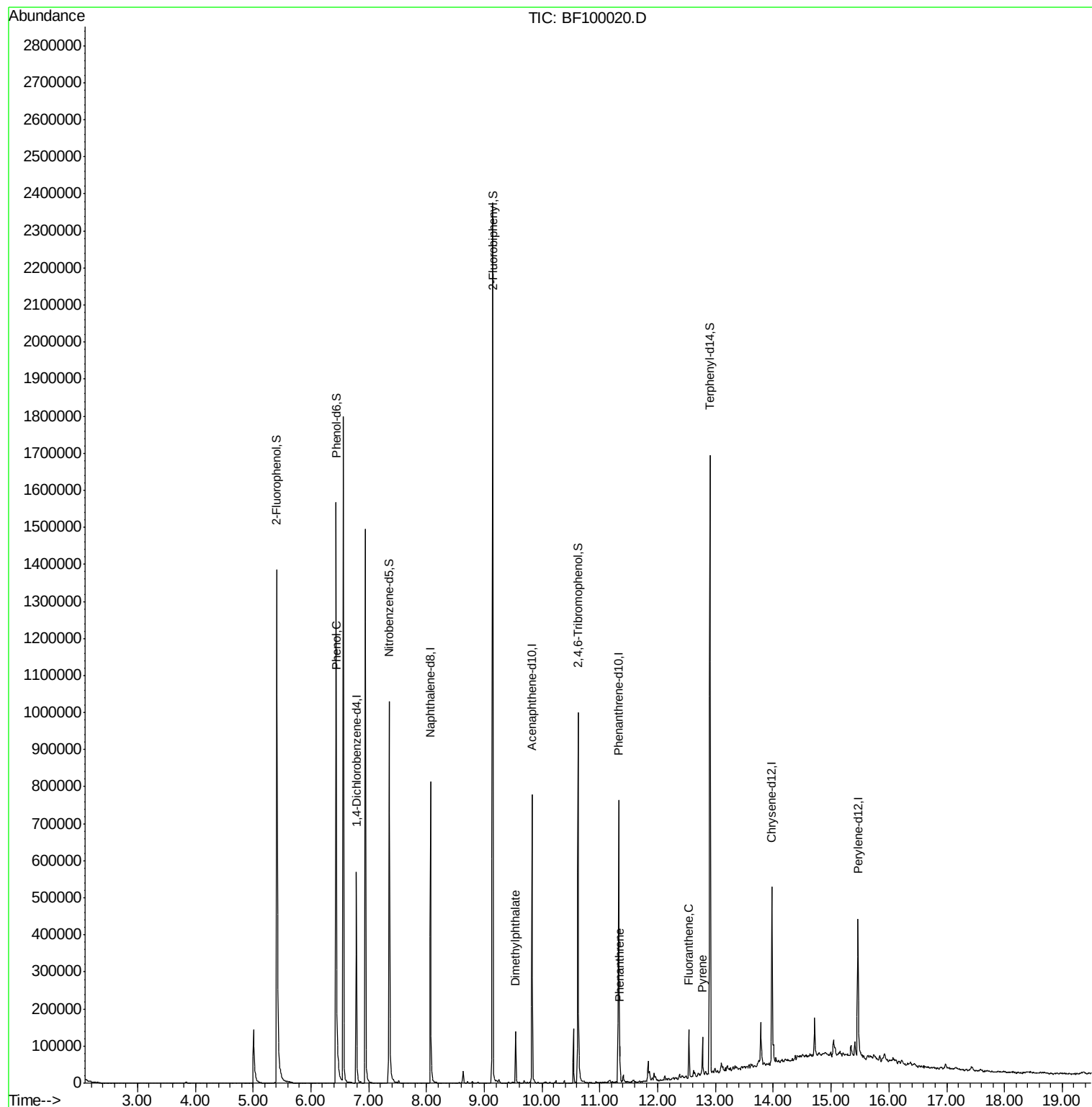
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100020.D
Acq On : 31 Oct 2017 22:42
Operator : SJ/JU
Sample : I6081-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

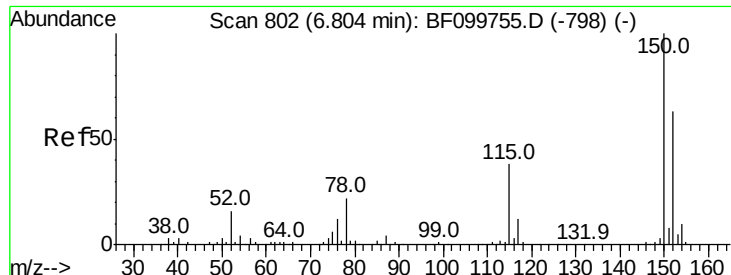
Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Manual Integrations
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Quant Time: Nov 01 05:41:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration





#1

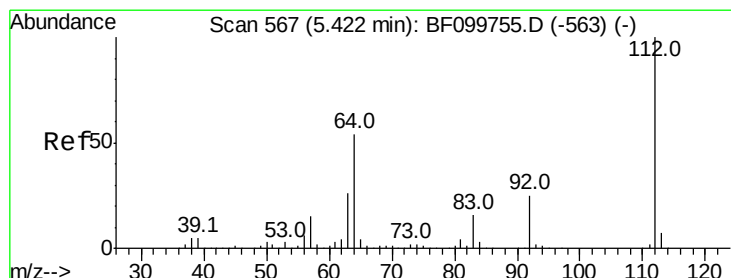
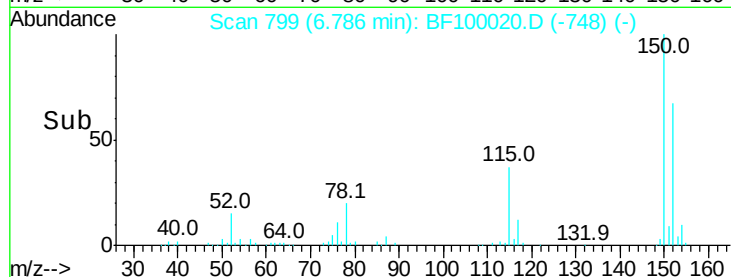
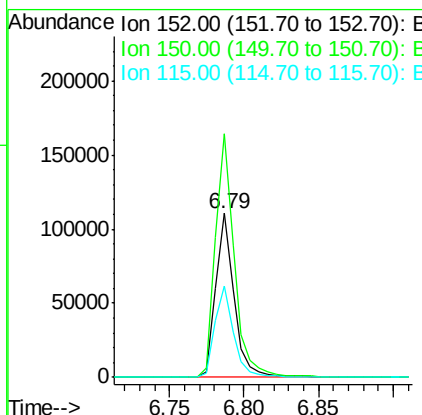
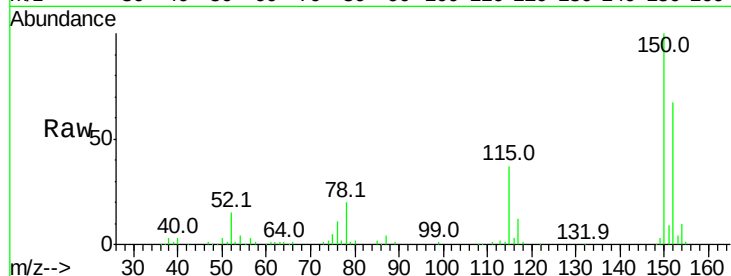
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	124.6	186.8
115	55.6	50.1	75.1

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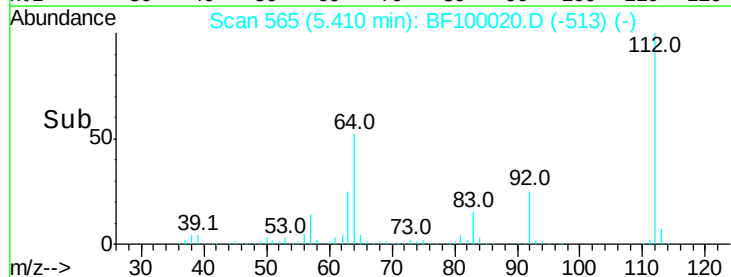
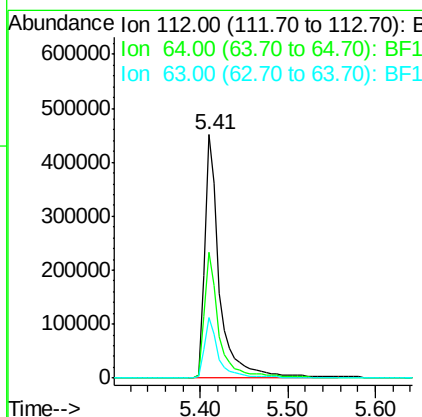
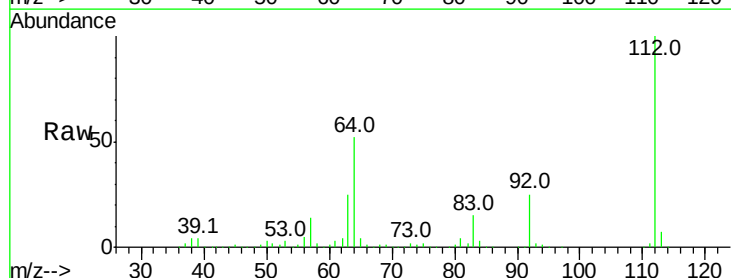
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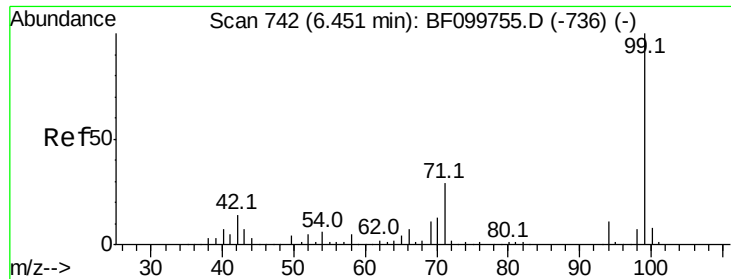


#5

2-Fluorophenol
Concen: 88.160 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	25.0	23.7	35.5





#7

Phenol-d6

Concen: 90.794 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100020.D

Acq: 31 Oct 2017 22:42

Instrument :

BNA_F

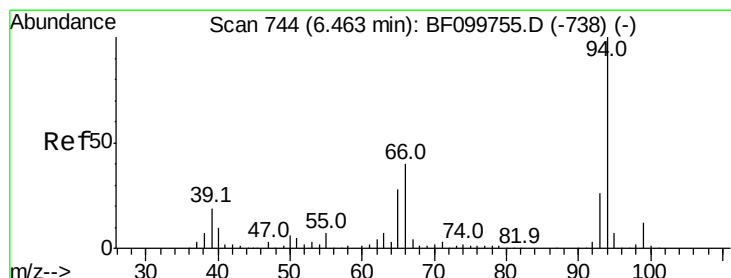
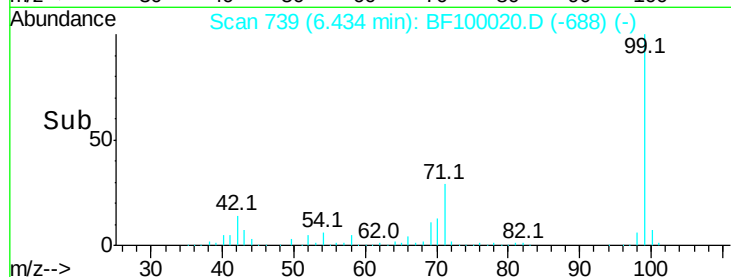
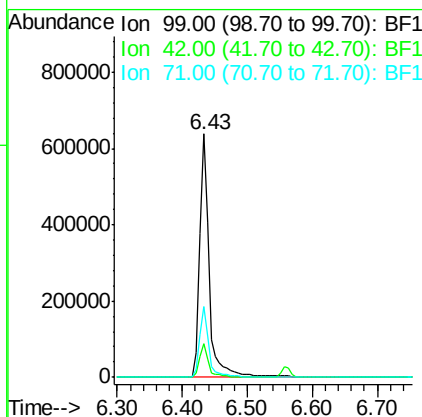
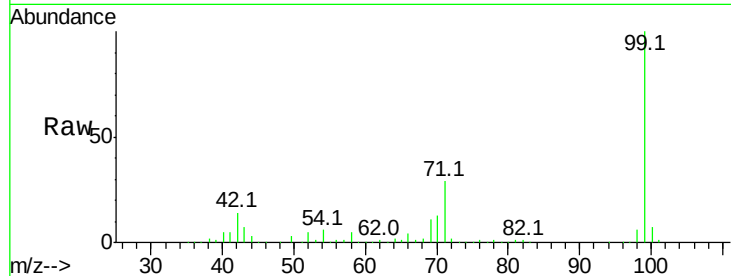
ClientSampleId :

Q4-COMP-FILL

Tot Ion:	99	Resp:	655873
Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.8	25.4	38.0

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#10

Phenol

Concen: 3.803 ng

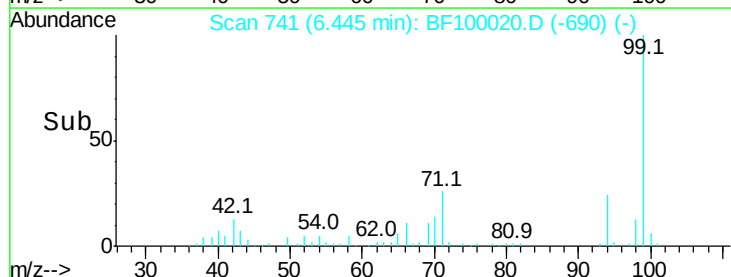
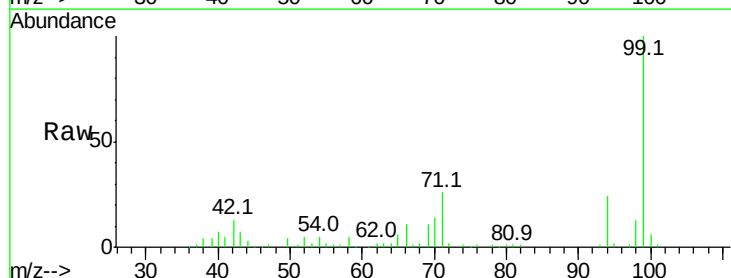
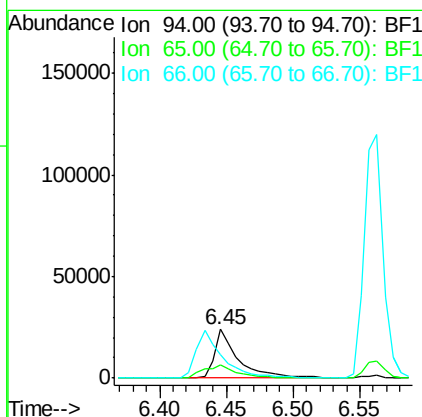
RT: 6.45 min Scan# 741

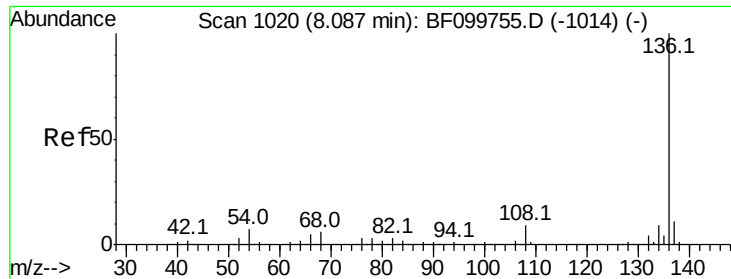
Delta R.T. -0.00 min

Lab File: BF100020.D

Acq: 31 Oct 2017 22:42

Tgt Ion:	94	Resp:	30166
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	46.7	16.2	56.2





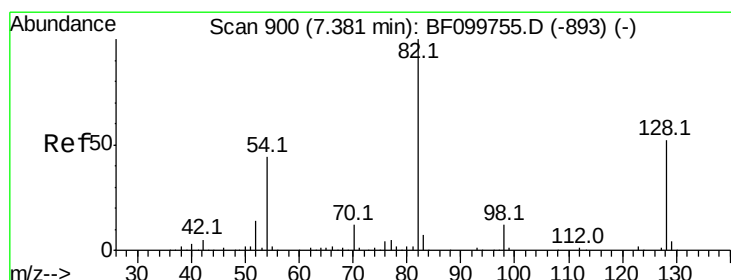
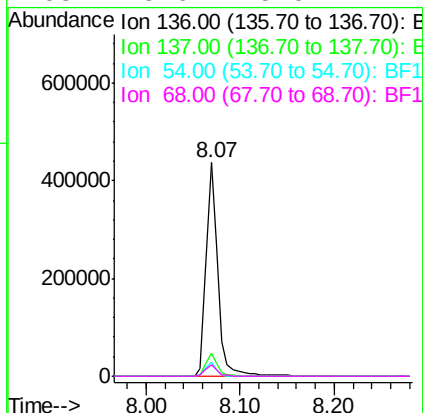
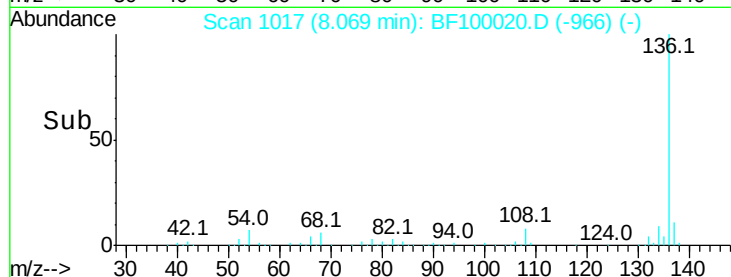
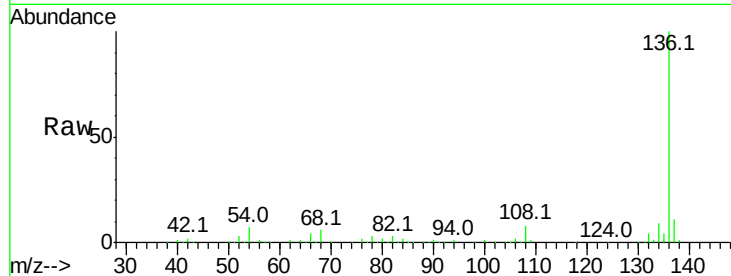
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.7	6.6	9.8	
68	5.6	5.0	7.4	

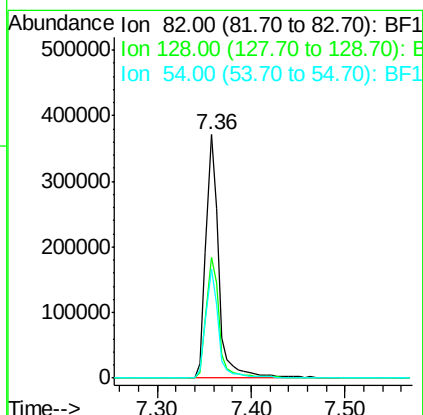
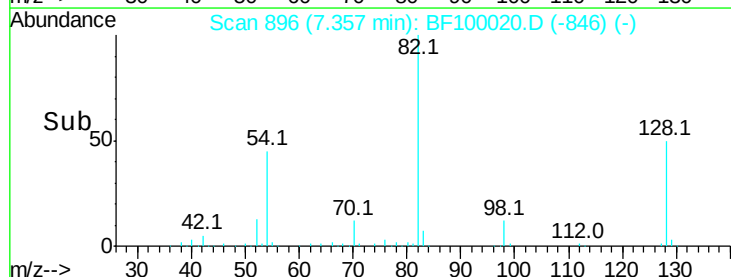
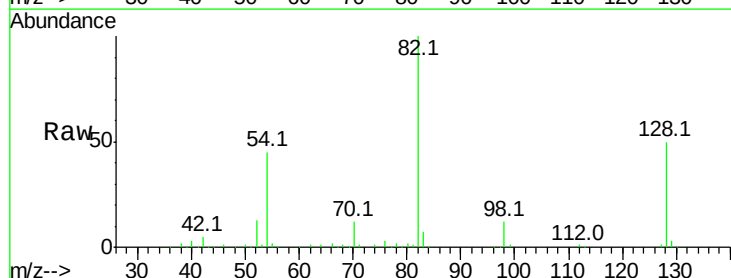
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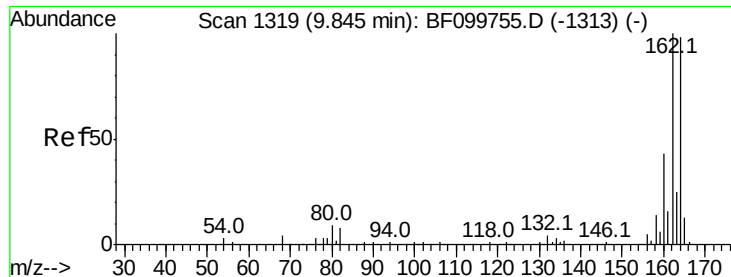
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#23
Nitrobenzene-d5
Concen: 60.818 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.8	36.1	54.1	
54	45.0	41.4	62.2	





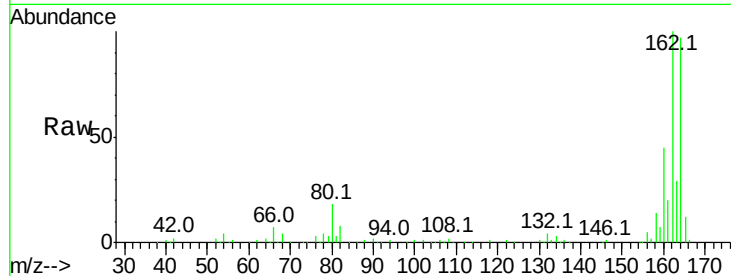
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

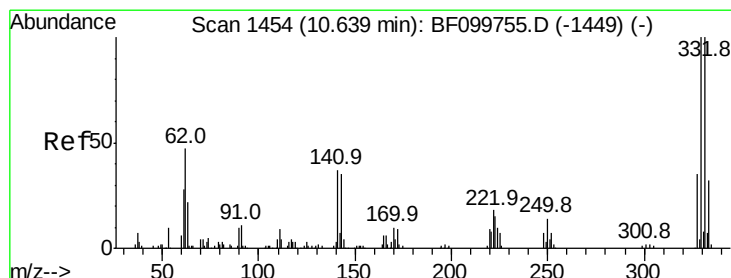
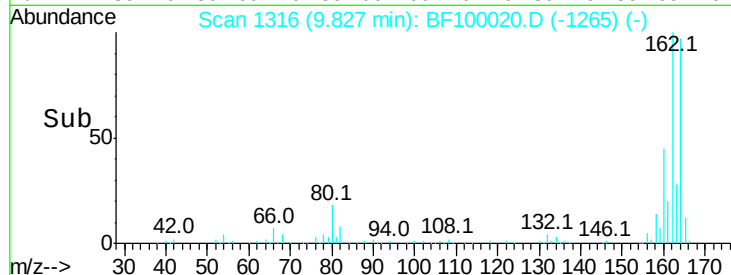
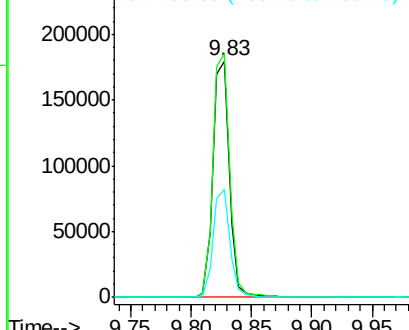
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.9	38.3	57.5

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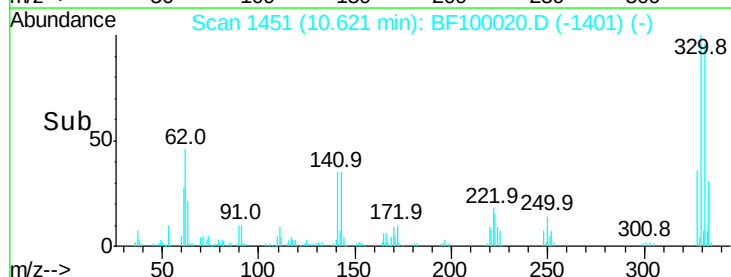
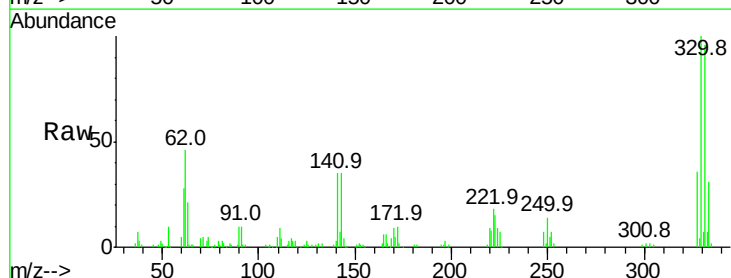
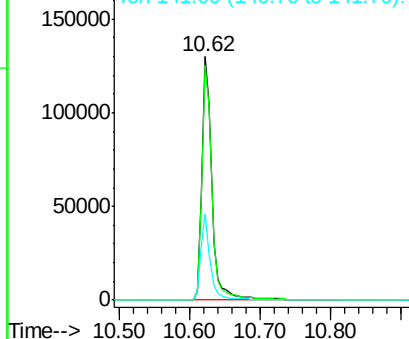
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

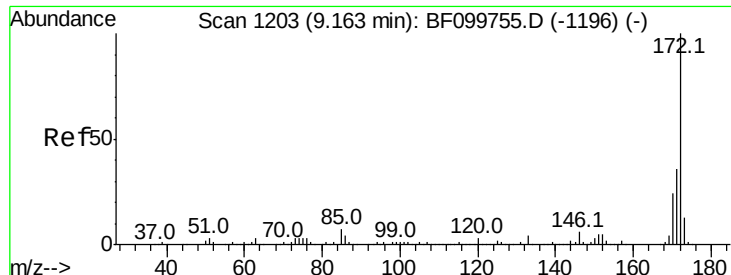


#41
2,4,6-Tribromophenol
Concen: 86.053 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	33.6	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





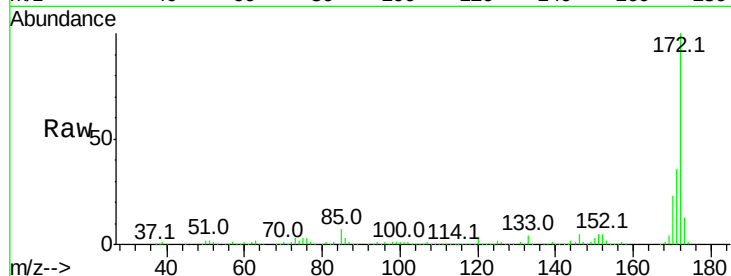
#44
2-Fluorobiphenyl
Concen: 69.388 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

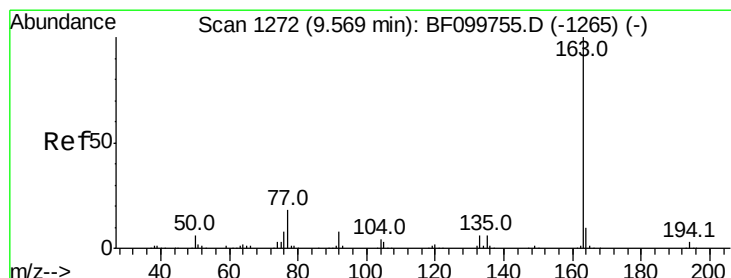
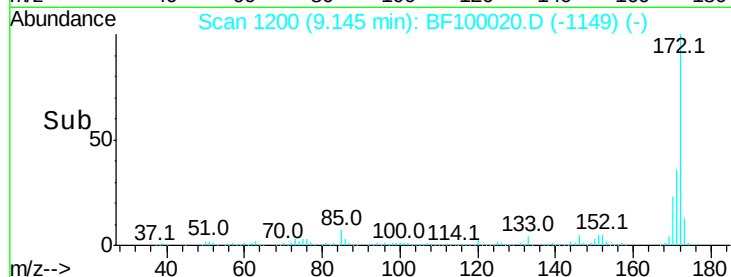
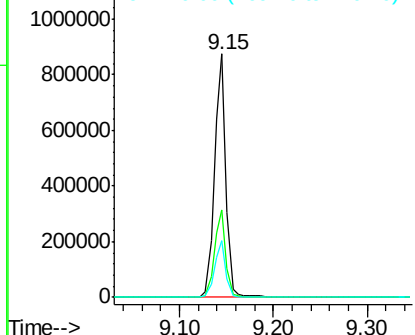
Tot Ion	Ratio	Resp	Lower	Upper
172	100	757367		
171	36.1		29.7	44.5
170	23.4		19.6	29.4

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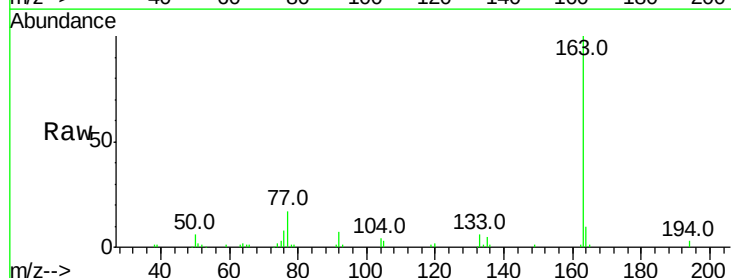


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

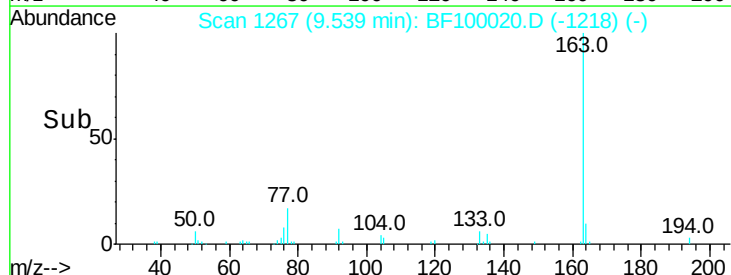
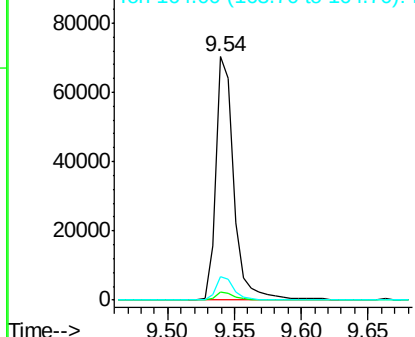


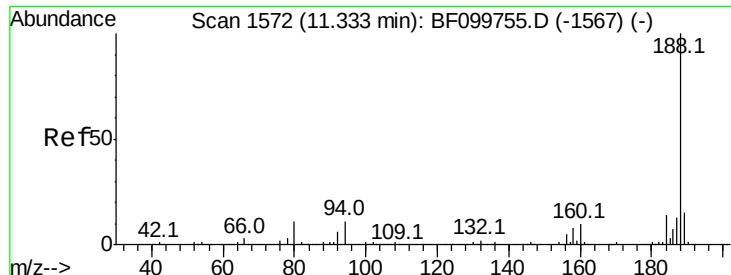
#49
Dimethylphthalate
Concen: 5.073 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	67652		
194	3.4		2.7	4.1
164	9.7		8.2	12.2



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





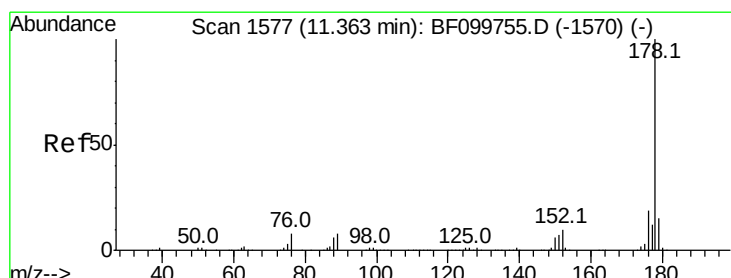
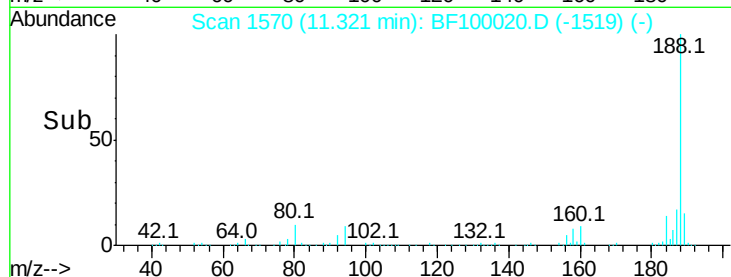
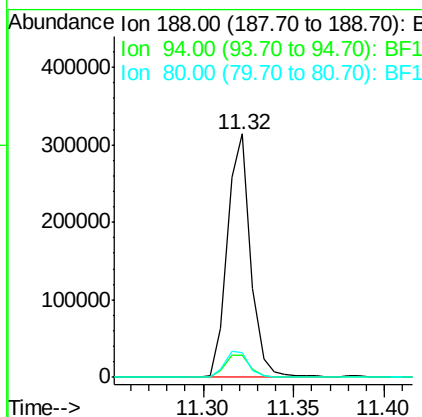
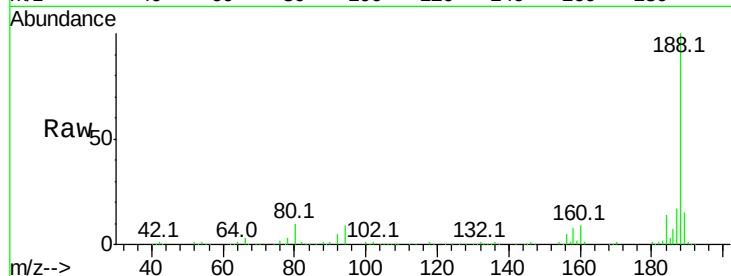
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	281639		
94	9.3		8.5	12.7
80	10.0		9.2	13.8

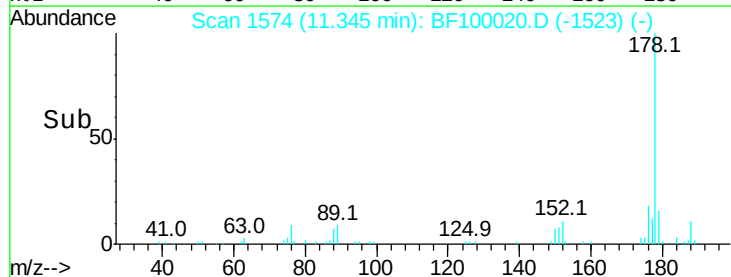
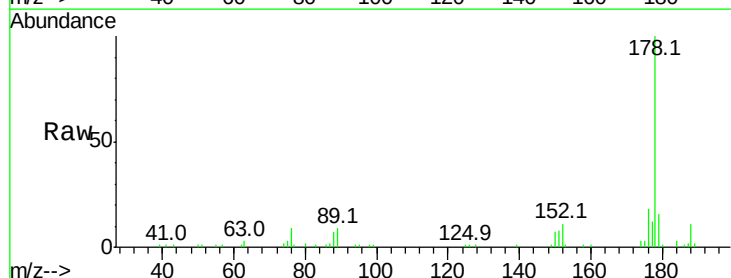
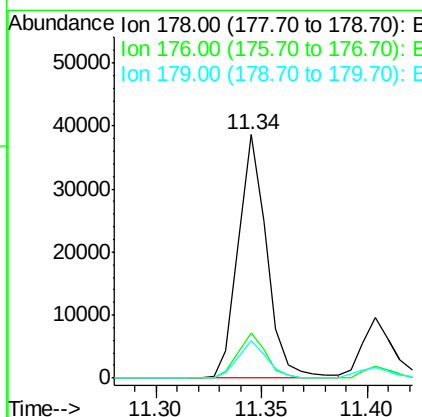
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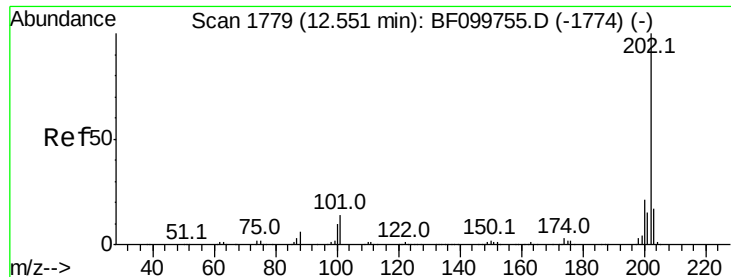
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#70
Phenanthrene
Concen: 2.272 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36114		
176	18.4		15.8	23.8
179	15.6		13.0	19.6





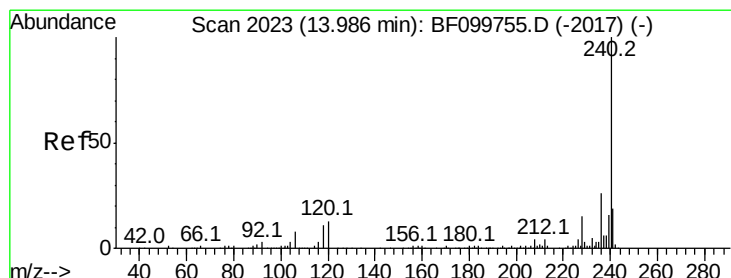
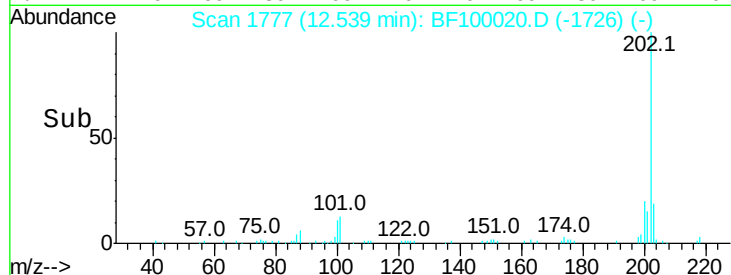
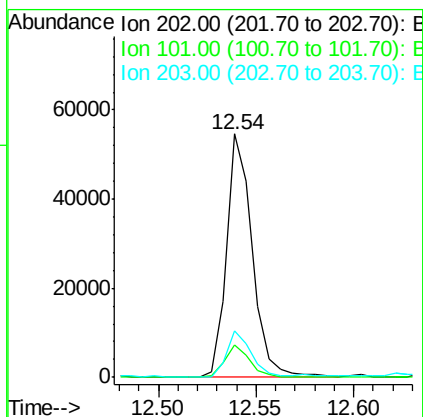
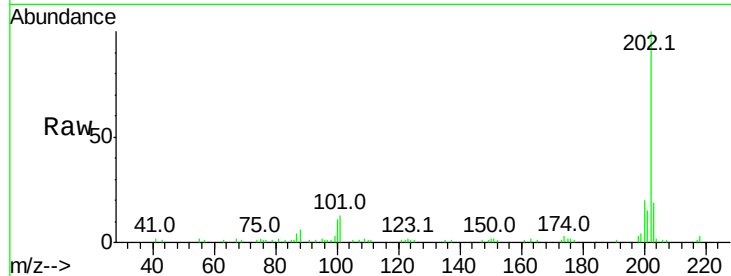
#74
Fluoranthene
Concen: 3.026 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	34.1
203	19.2	0.0	38.1

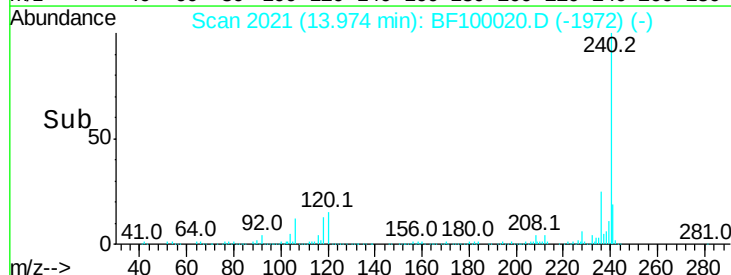
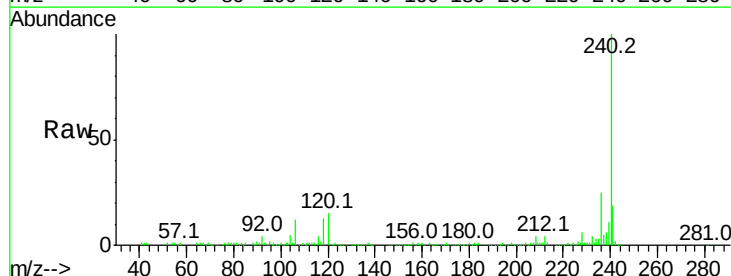
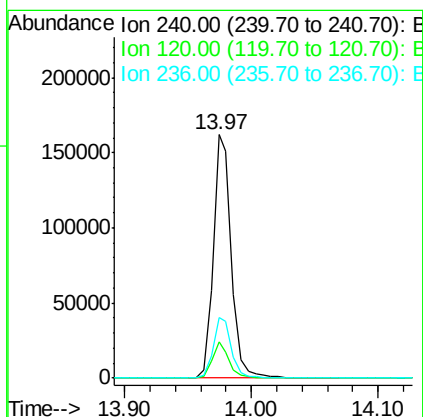
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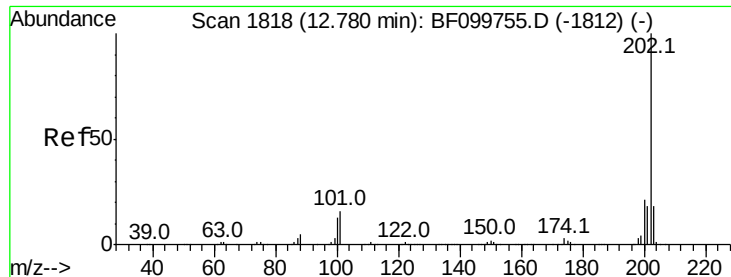
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.0	20.7	31.1





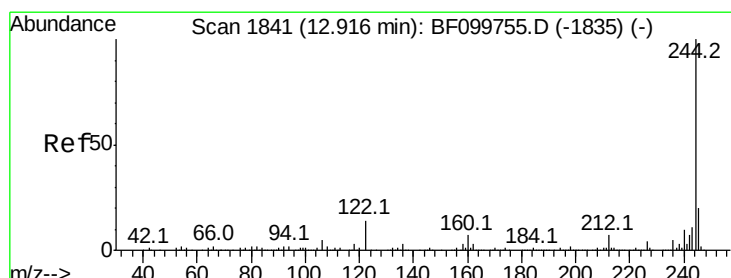
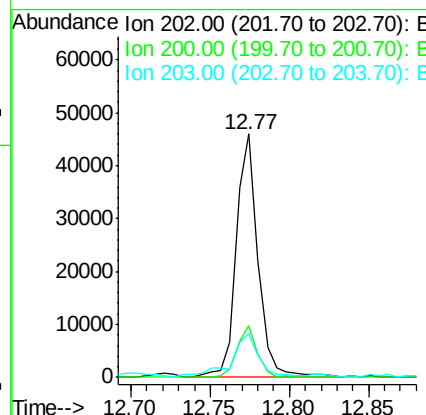
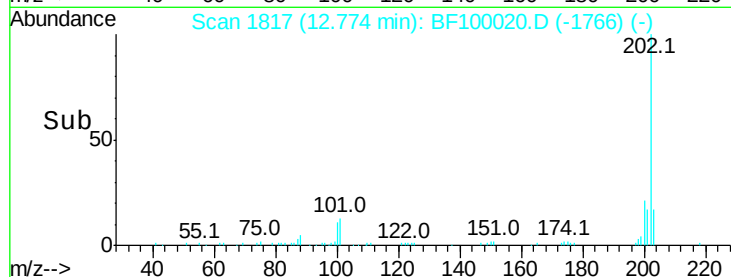
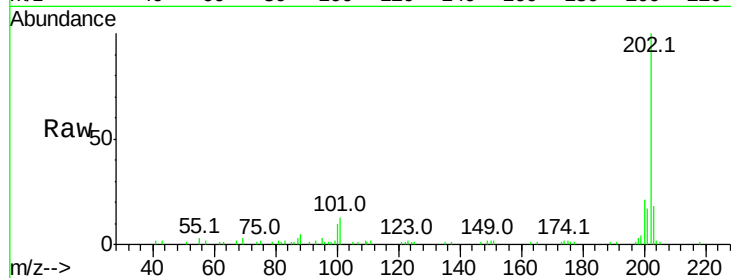
#77
Pvrene
Concen: 3.579 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.2	14.3	21.5

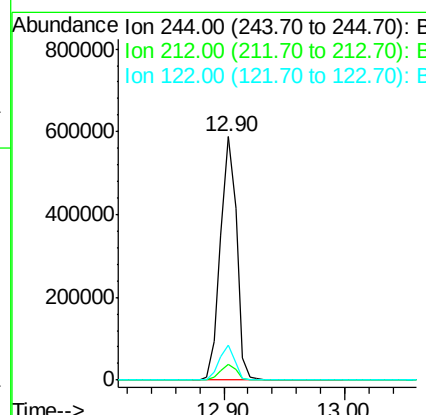
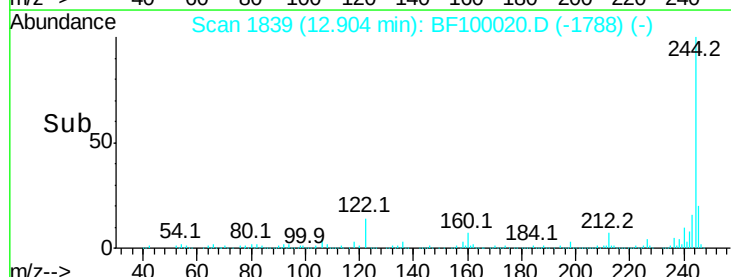
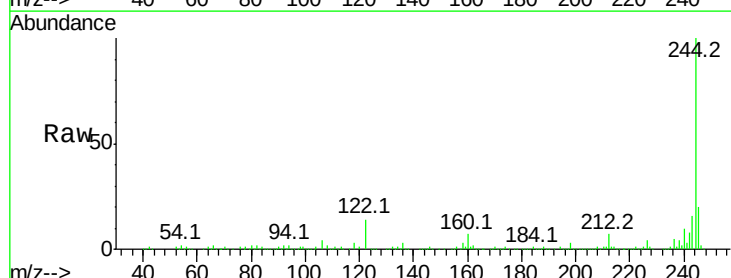
Manual Integrations
APPROVED

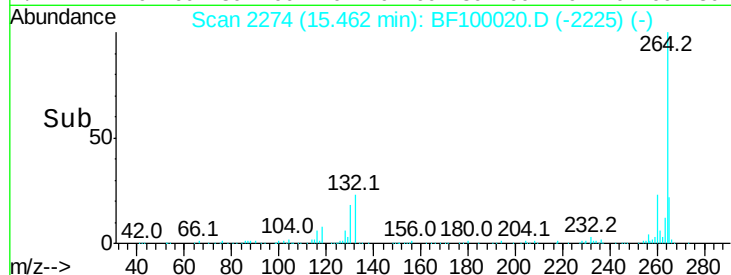
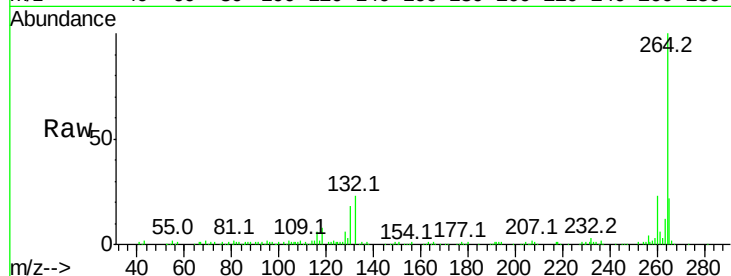
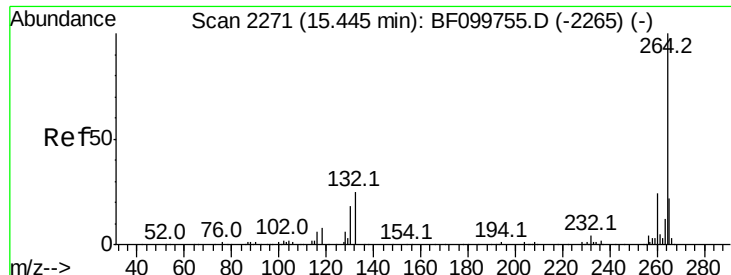
Sohil
11/1/2017 2:37:56 PM



#78
Terphenyl-d14
Concen: 73.004 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.3	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF100020.D
 Acq: 31 Oct 2017 22:42

Tot Ion:	264	Resp:	167429
Ion Ratio		Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	17.5	26.3

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILL

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:56 PM

