

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099725.D
 Acq On : 21 Oct 2017 14:03
 Operator : SJ/JU
 Sample : I6017-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
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Quant Time: Oct 22 01:06:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97606	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	397337	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	175903	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	294001	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	176262	20.00	ng	0.00
86) Perylene-d12	15.44	264	190713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	541296	88.28	ng	0.00
7) Phenol-d6	6.46	99	643196	85.04	ng	0.00
23) Nitrobenzene-d5	7.38	82	371769	60.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	132381	91.97	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	616473	58.51	ng	0.00
78) Terphenyl-d14	12.92	244	440571	56.84	ng	0.00
Target Compounds						
10) Phenol	6.47	94	27971	3.307	ng	98
49) Dimethylphthalate	9.56	163	35200	2.651	ng	99
70) Phenanthrene	11.36	178	89901	5.713	ng	98
74) Fluoranthene	12.55	202	167683	10.523	ng	98
77) Pyrene	12.78	202	141029	10.493	ng	97
80) Benzo(a)anthracene	13.97	228	63202	5.922	ng	99
82) Chrysene	14.00	228	59537	5.859	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	37578	4.623	ng	99
87) Benzo(b)fluoranthene	15.02	252	79862m	6.811	ng	
88) Benzo(k)fluoranthene	15.04	252	30818m	2.661	ng	
89) Benzo(a)pyrene	15.38	252	57611	5.352	ng	# 94
91) Benzo(a,h,i)perylene	17.36	276	33621	3.949	ng	# 88

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

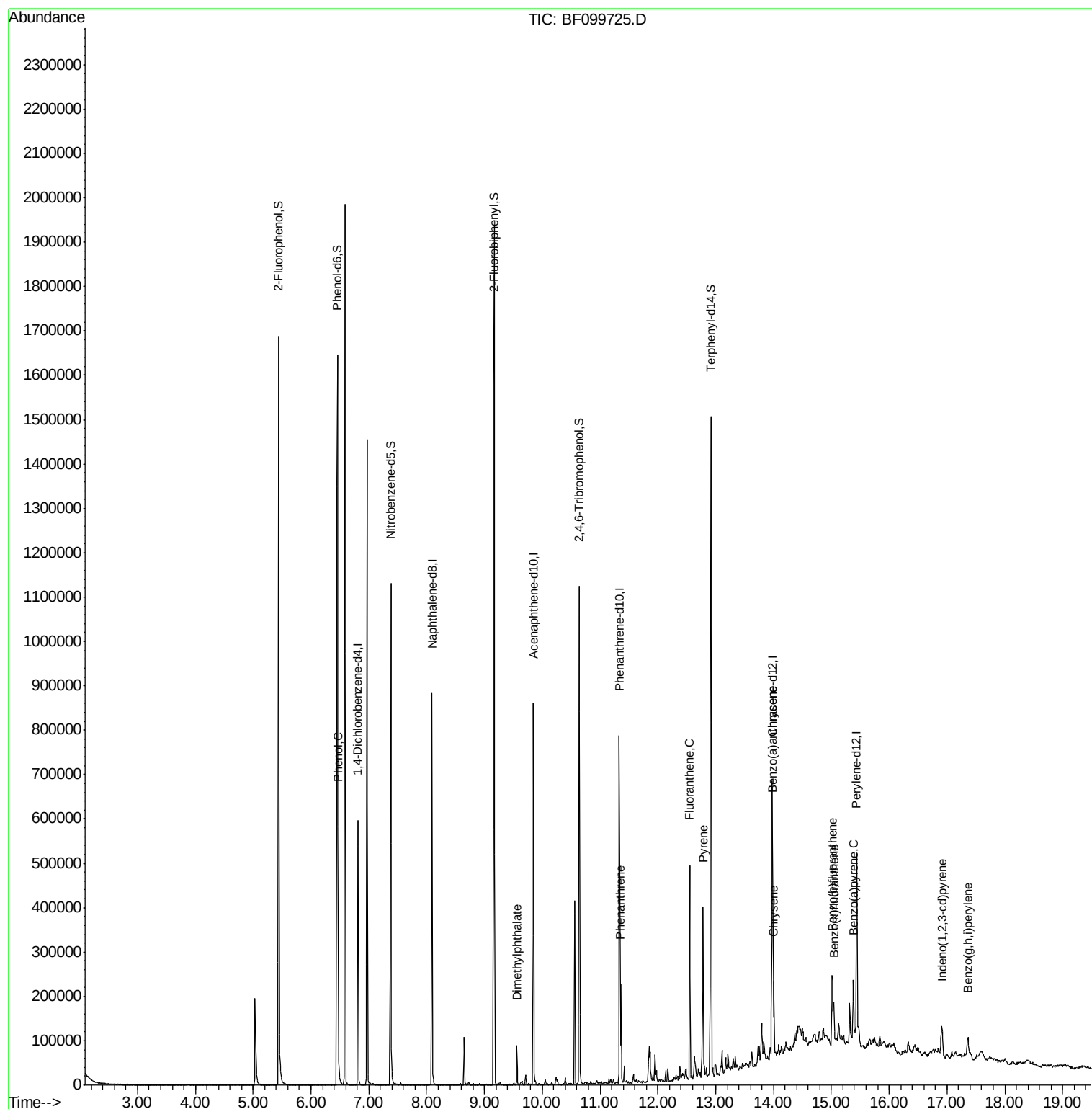
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099725.D
Acq On : 21 Oct 2017 14:03
Operator : SJ/JU
Sample : I6017-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

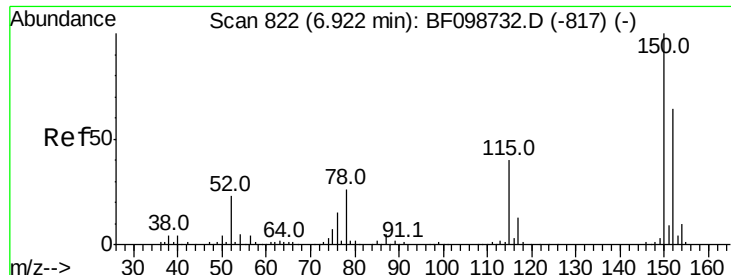
Instrument :
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COMP-1

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#1

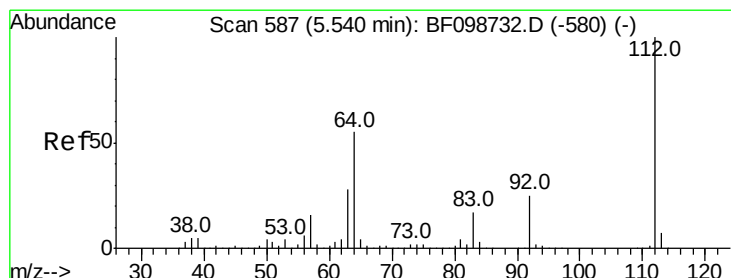
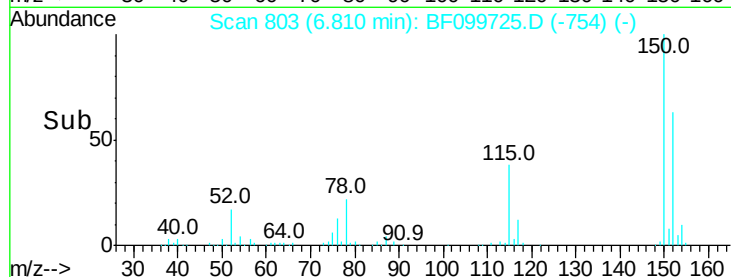
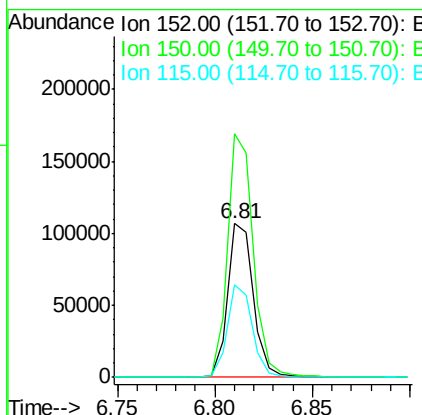
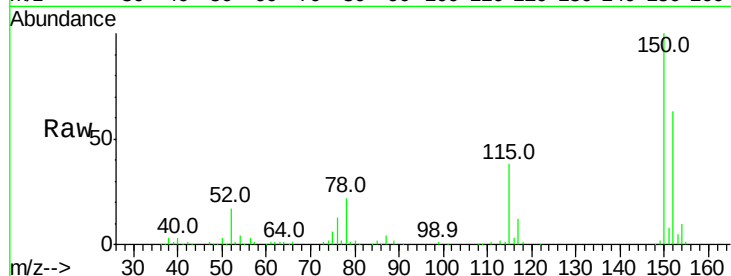
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	60.6	50.1	75.1

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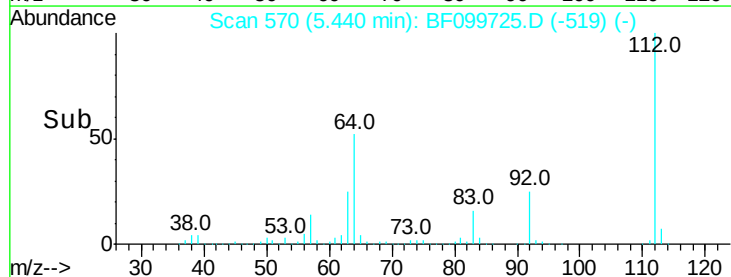
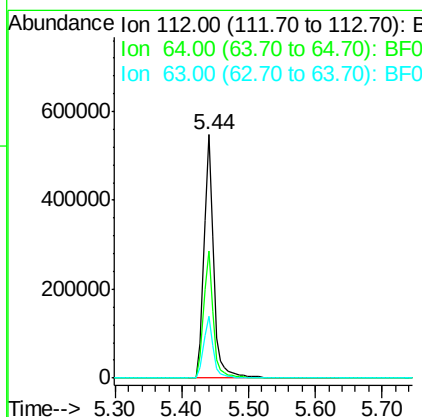
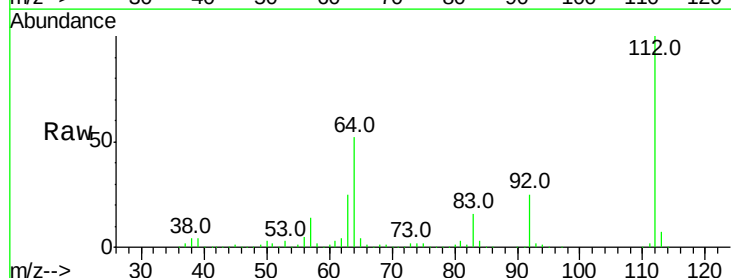
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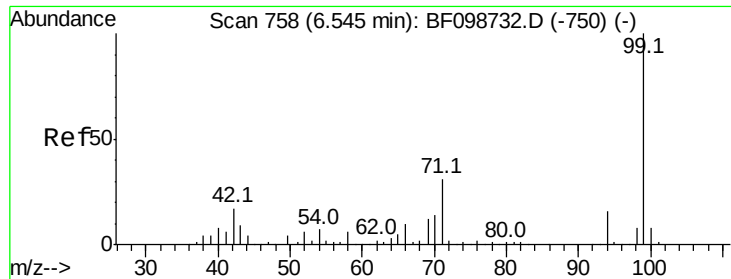


#5

2-Fluorophenol
Concen: 88.282 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	47.9	71.9
63	25.5	23.7	35.5





#7

Phenol-d6

Concen: 85.036 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Instrument :

BNA_F

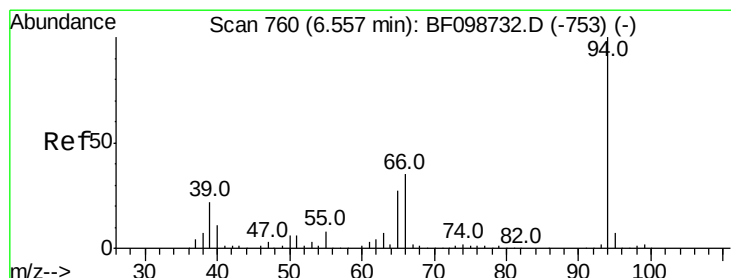
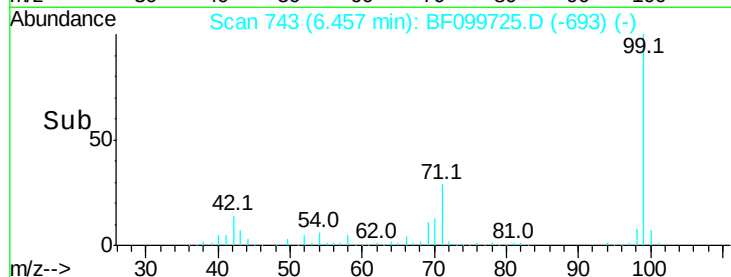
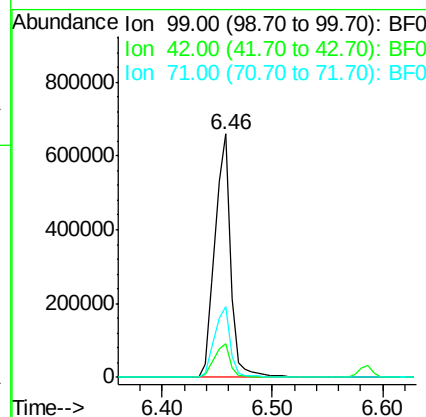
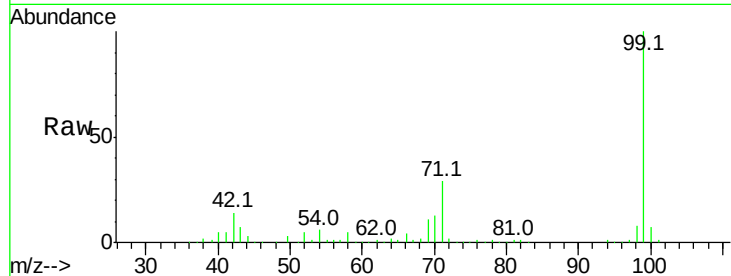
ClientSampled :

COMP-1

Tot Ion:	99	Resp:	643196
Ion Ratio	Lower	Upper	
99	100		
42	14.1	14.5	21.7#
71	29.1	25.4	38.0

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#10

Phenol

Concen: 3.307 ng

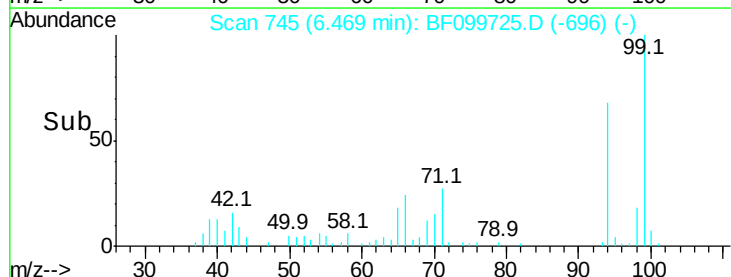
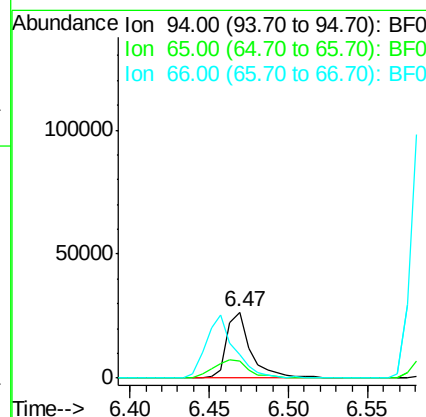
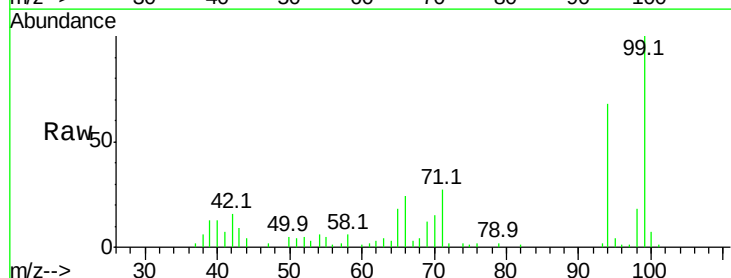
RT: 6.47 min Scan# 745

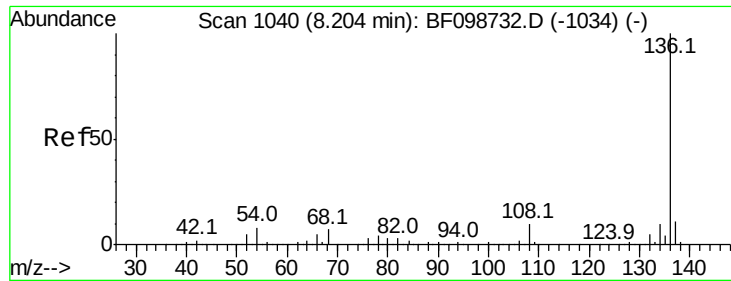
Delta R.T. -0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Tgt Ion:	94	Resp:	27971
Ion Ratio	Lower	Upper	
94	100		
65	25.9	7.9	47.9
66	35.6	16.2	56.2





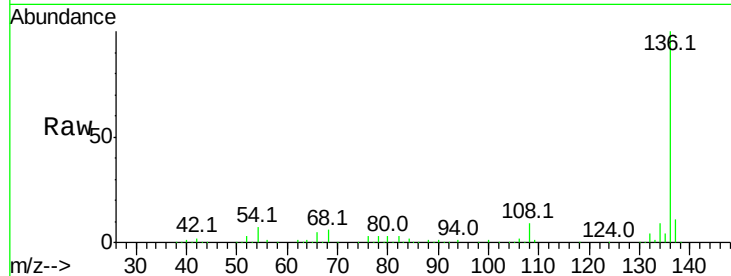
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampled :
COMP-1

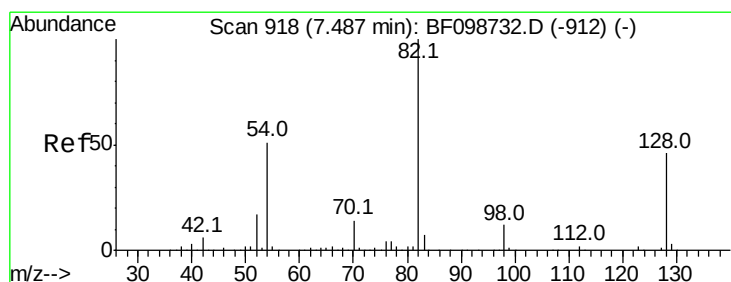
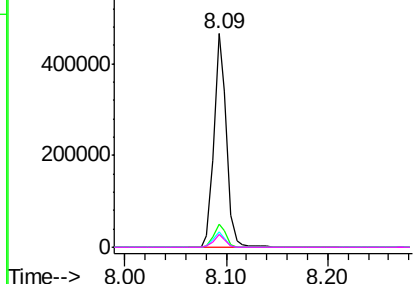
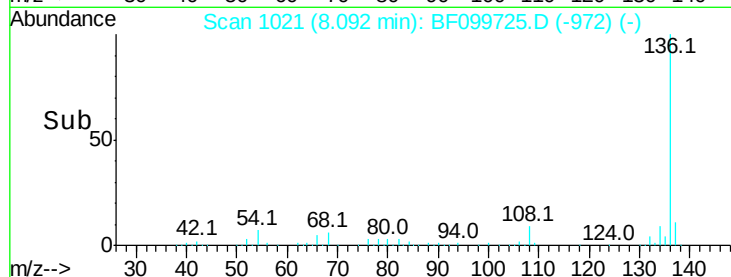
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.0	6.6	9.8	
68	6.2	5.0	7.4	

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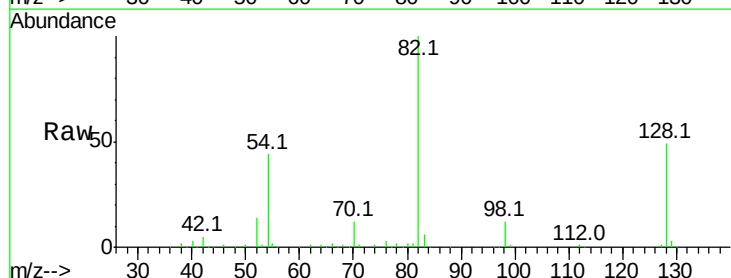


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

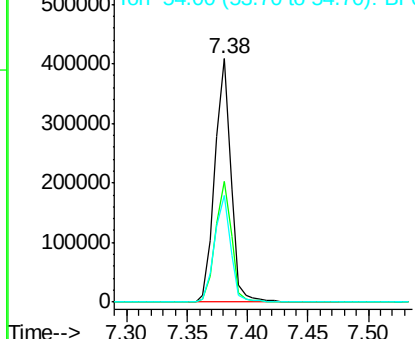
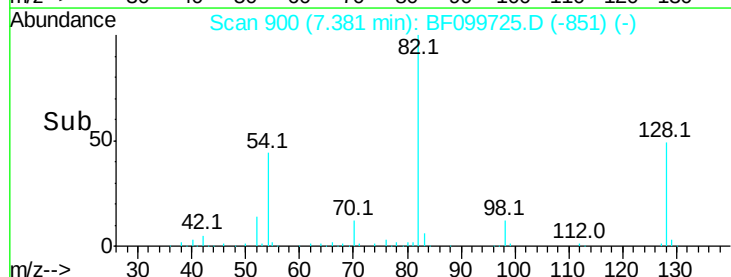


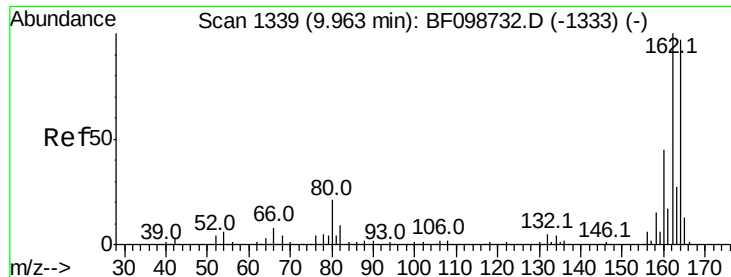
#23
Nitrobenzene-d5
Concen: 60.003 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.4	36.1	54.1	
54	43.8	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





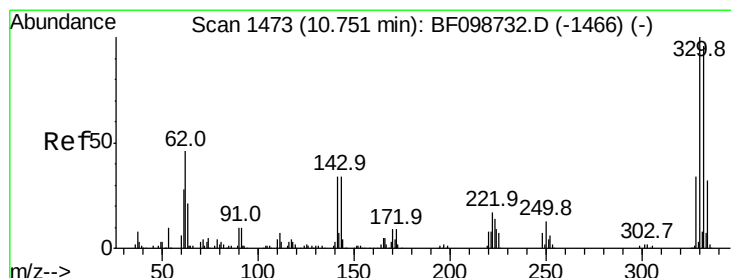
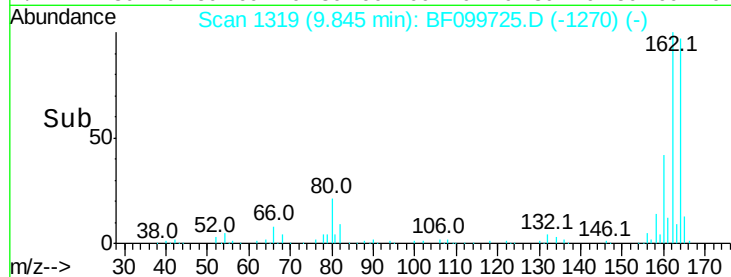
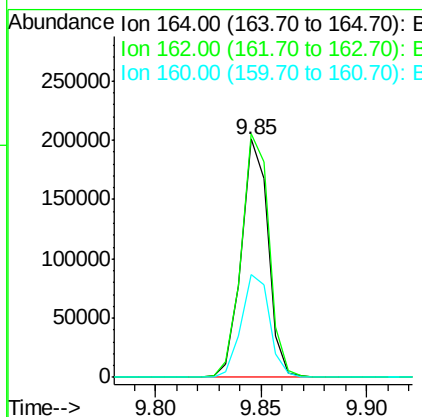
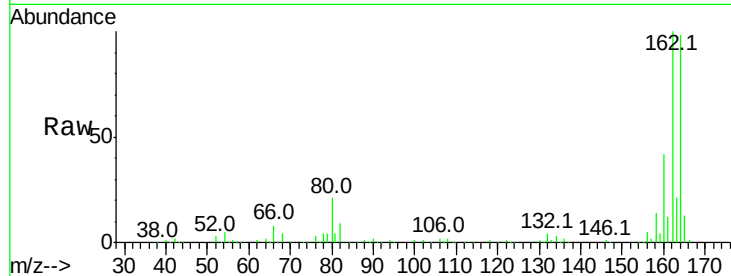
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	43.5	38.3	57.5

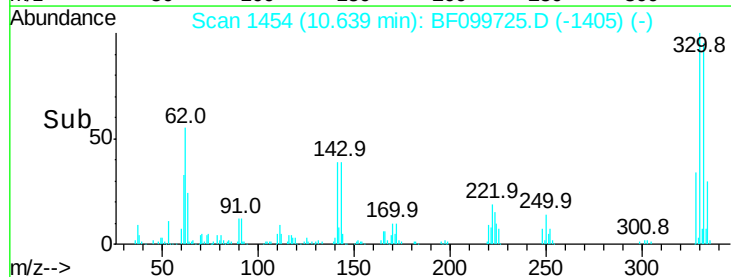
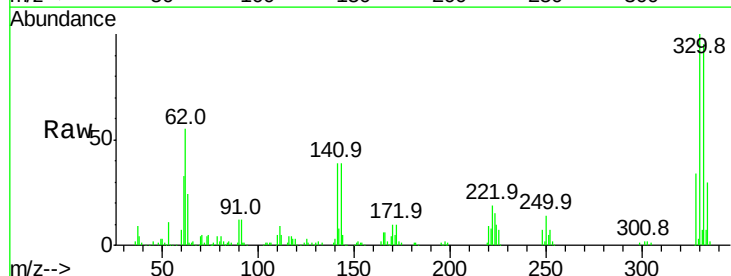
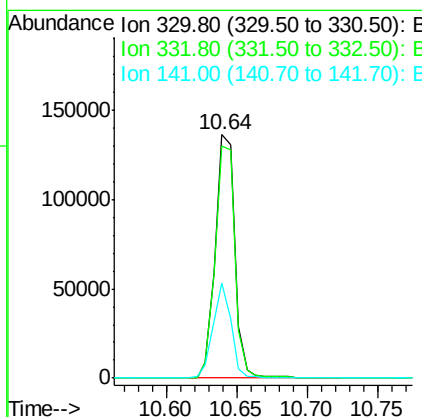
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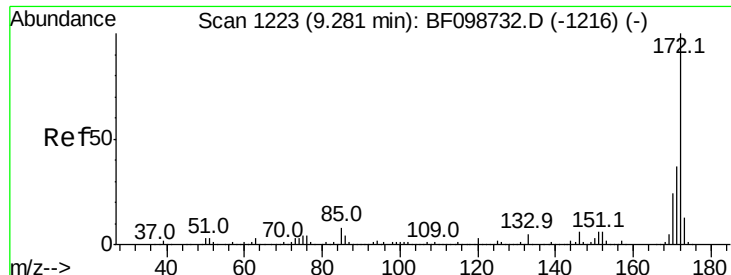
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#41
2,4,6-Tribromophenol
Concen: 91.972 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.2	29.9	44.9





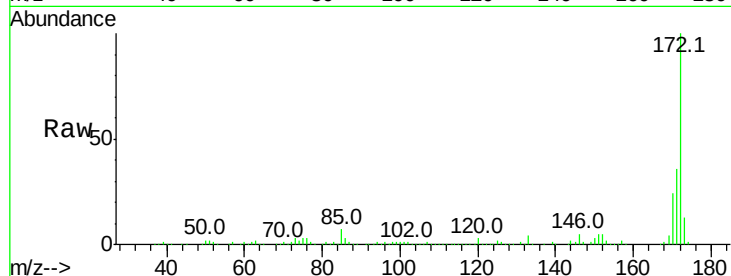
#44
2-Fluorobiphenyl
Concen: 58.507 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampled :
COMP-1

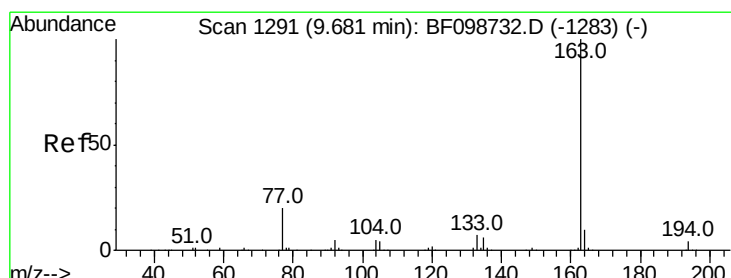
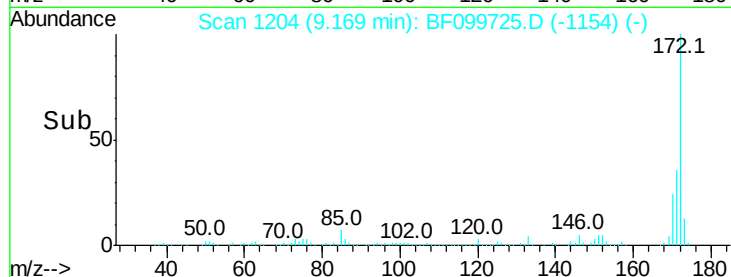
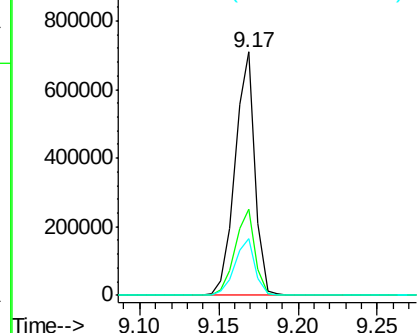
Tot Ion	Ratio	Resp	Lower	Upper
172	100	616473		
171	35.6		29.7	44.5
170	23.6		19.6	29.4

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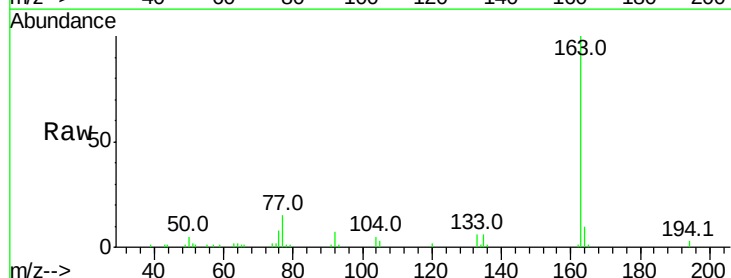


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

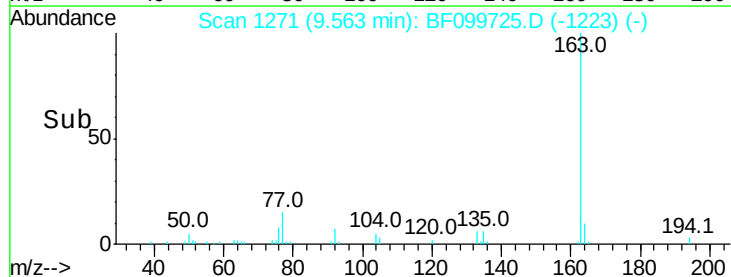
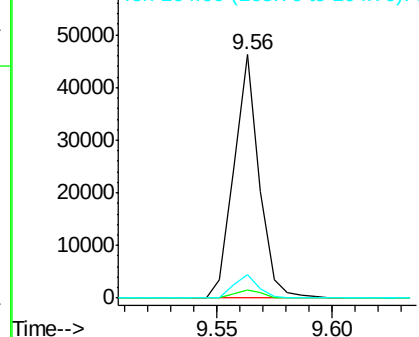


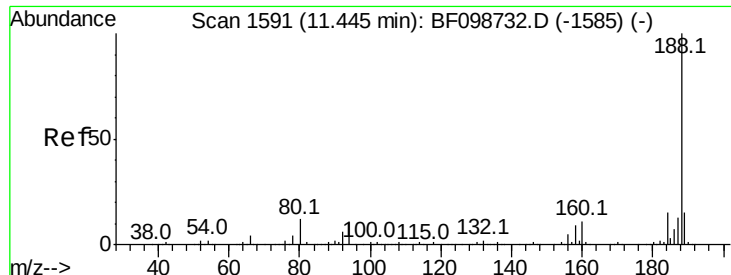
#49
Dimethylphthalate
Concen: 2.651 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35200		
194	3.2		2.7	4.1
164	9.9		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





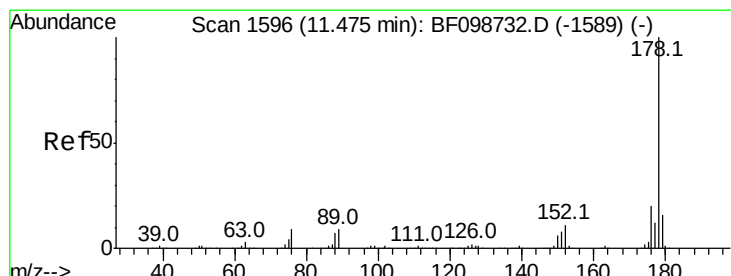
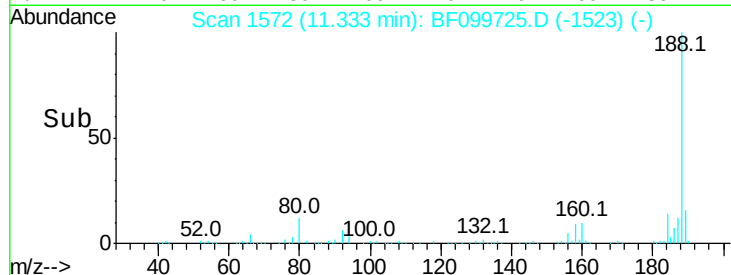
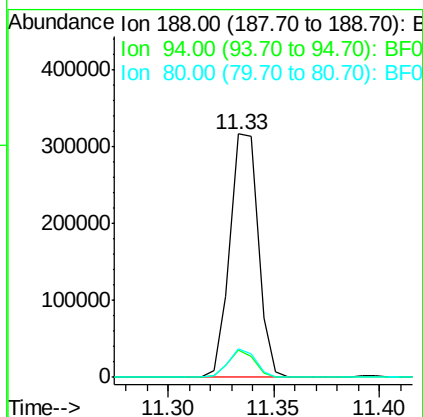
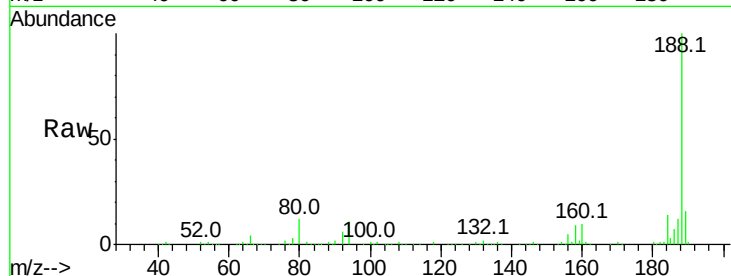
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099725.D
 Acq: 21 Oct 2017 14:03

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	294001		
94	11.2		8.5	12.7
80	11.6		9.2	13.8

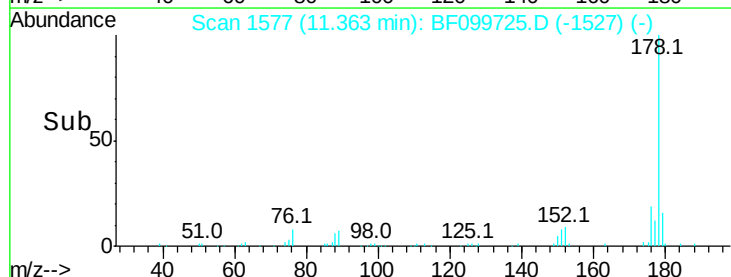
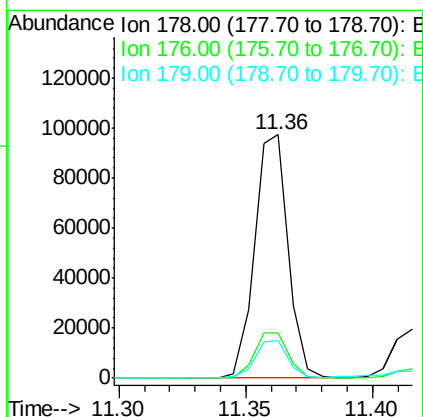
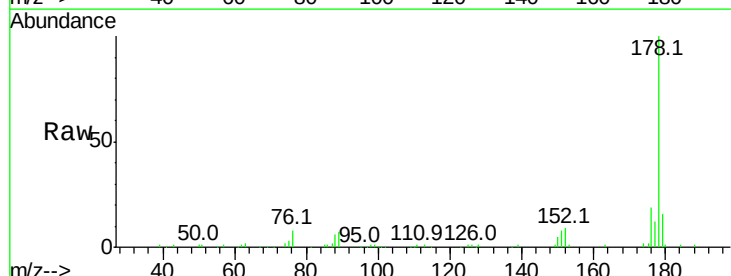
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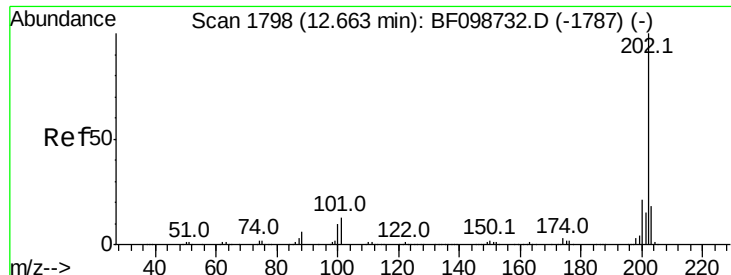
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#70
 Phenanthrene
 Concen: 5.713 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF099725.D
 Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	89901		
176	18.5		15.8	23.8
179	15.5		13.0	19.6





#74

Fluoranthene

Concen: 10.523 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Instrument :

BNA_F

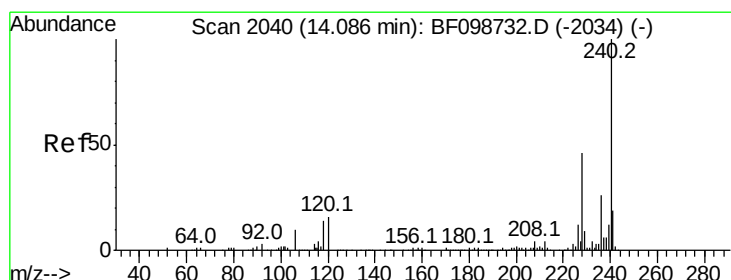
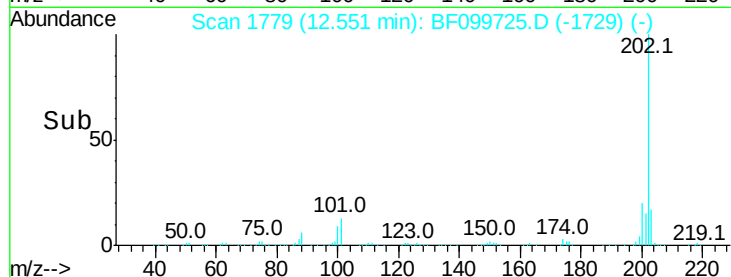
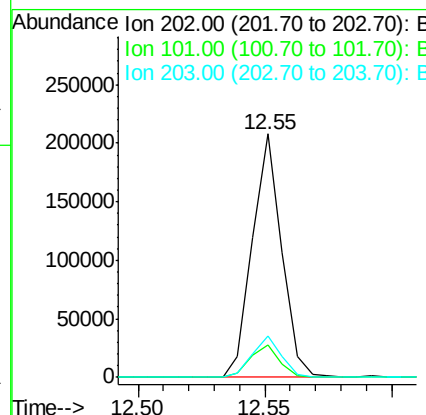
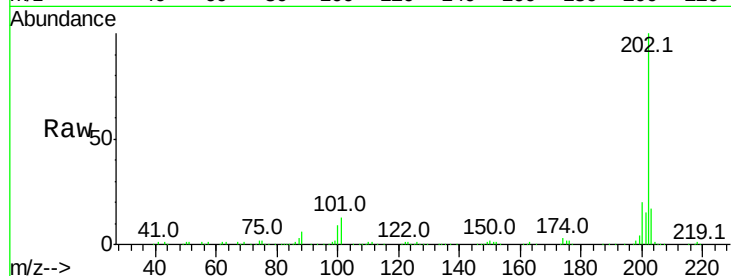
ClientSampleId :

COMP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

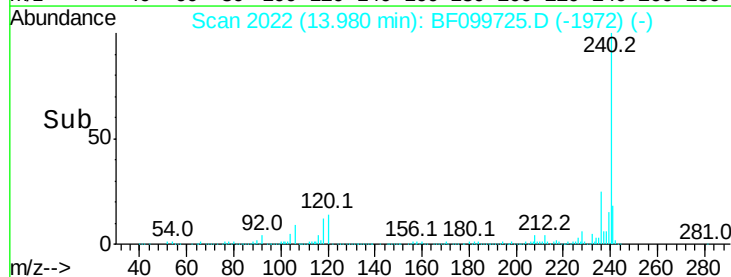
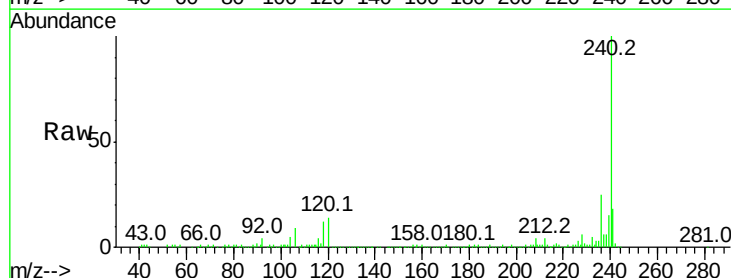
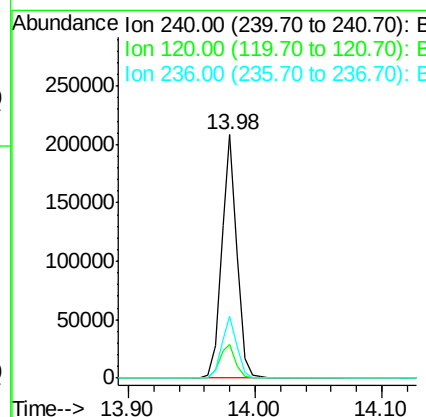
RT: 13.98 min Scan# 2022

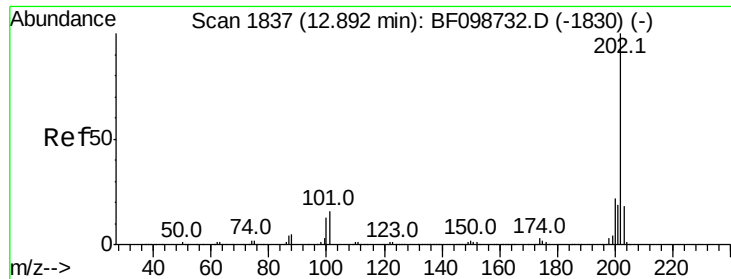
Delta R.T. -0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.2	20.7	31.1





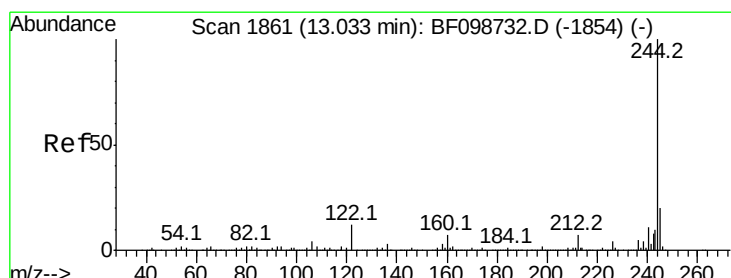
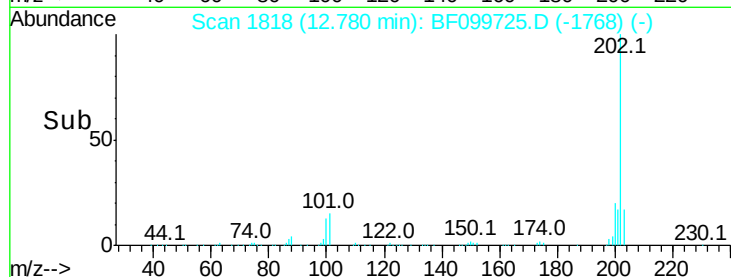
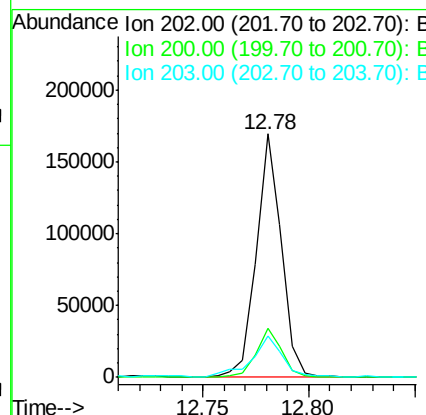
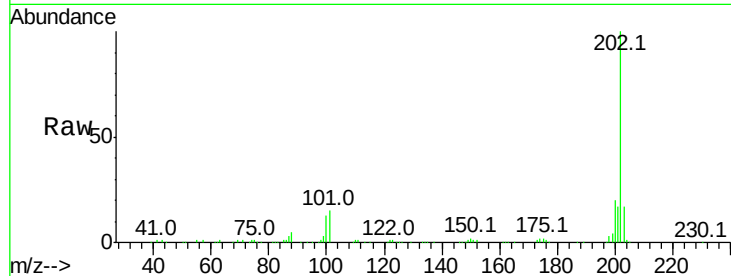
#77
Pvrene
Concen: 10.493 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.2	14.3	21.5

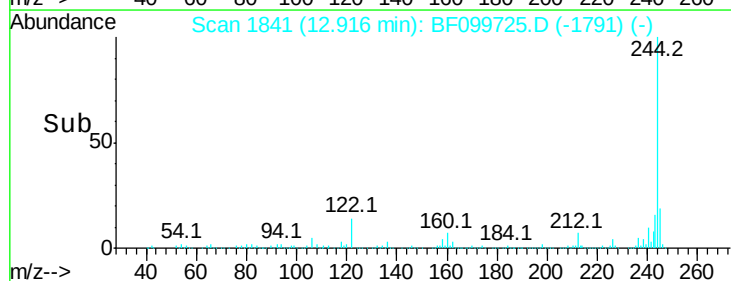
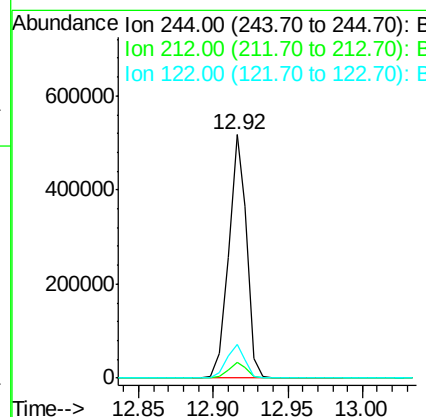
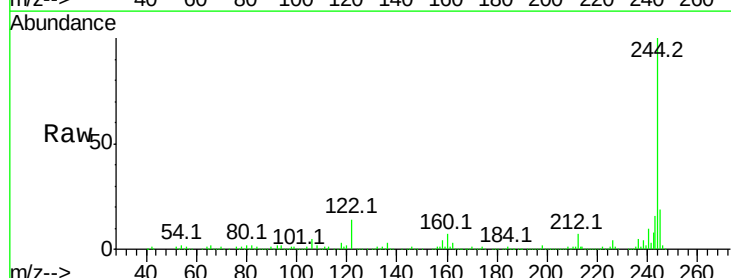
Manual Integrations
APPROVED

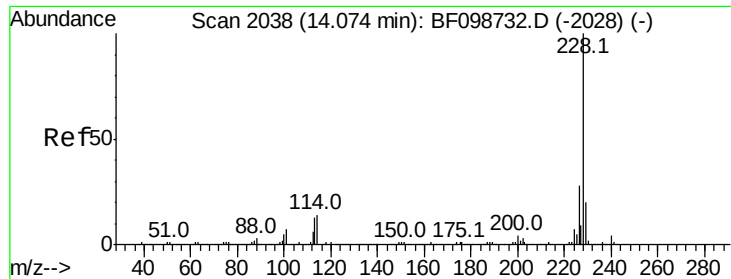
Sohil
10/23/2017 3:31:19 PM



#78
Terphenyl-d14
Concen: 56.844 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.0	11.0	16.4





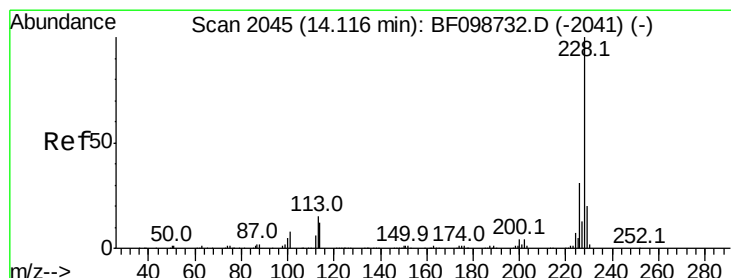
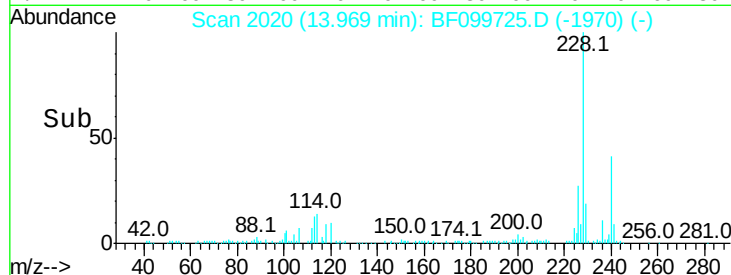
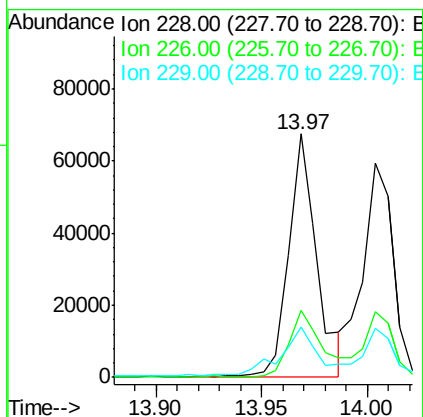
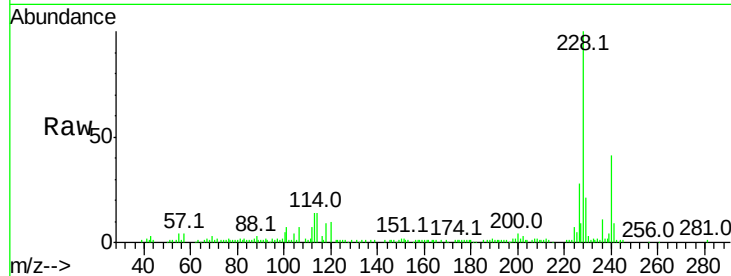
#80
Benzo(a)anthracene
Concen: 5.922 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.6	15.8	23.6

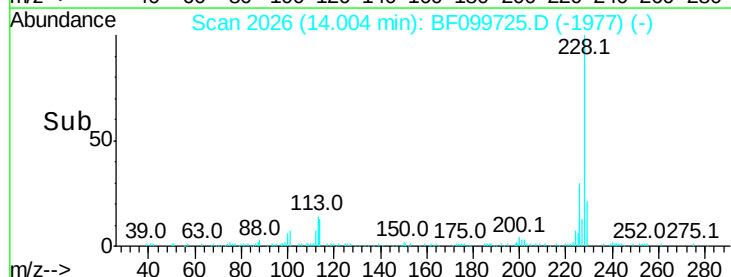
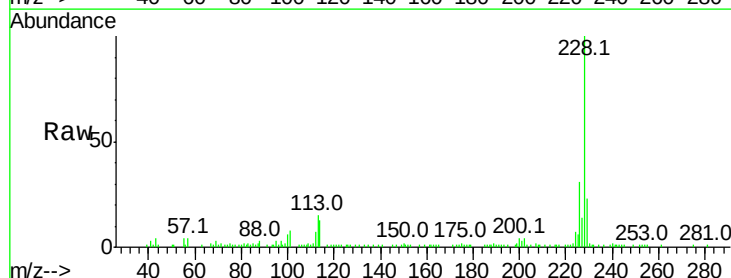
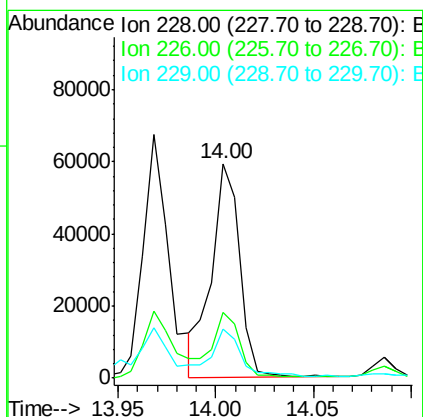
Manual Integrations
APPROVED

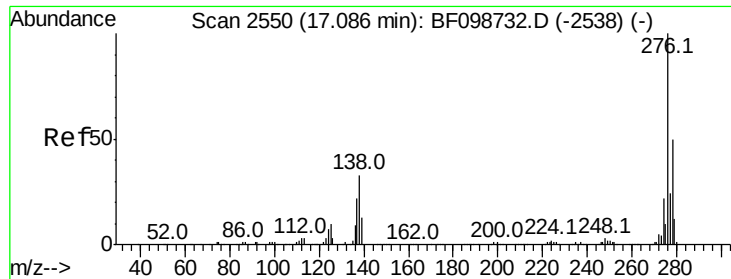
Sohil
10/23/2017 3:31:19 PM



#82
Chrysene
Concen: 5.859 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.7	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.623 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Instrument :

BNA_F

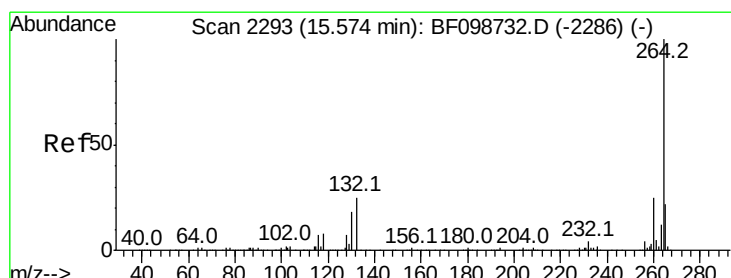
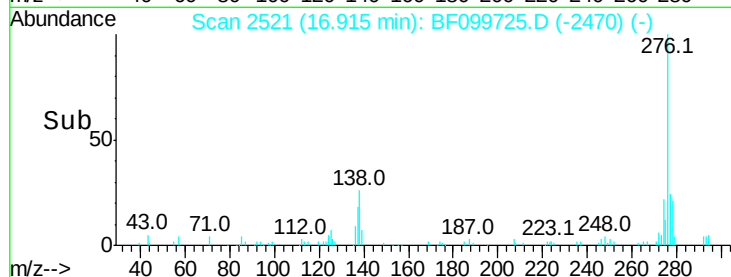
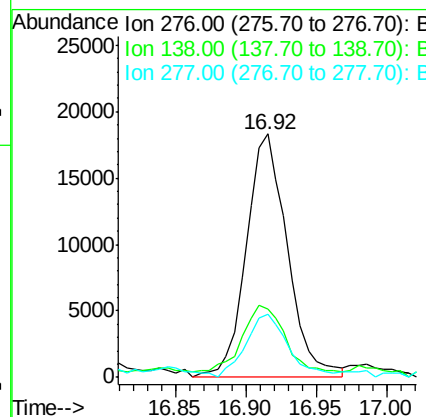
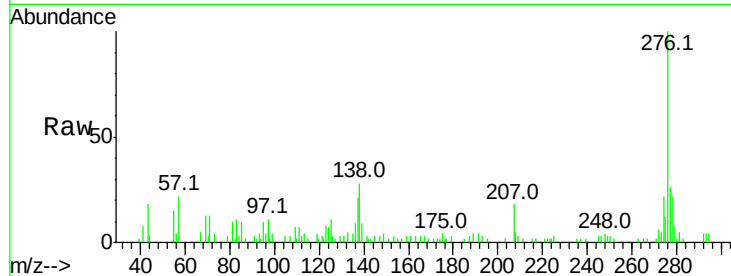
ClientSampled :

COMP-1

Tot Ion:	276	Resp:	37578
Ion Ratio	Lower	Upper	
276	100		
138	31.5	25.0	37.6
277	26.6	20.1	30.1

Manual Integrations
APPROVED

Sohil
10/23/2017 3:31:19 PM



#86

Perylene-d12

Concen: 20.000 ng

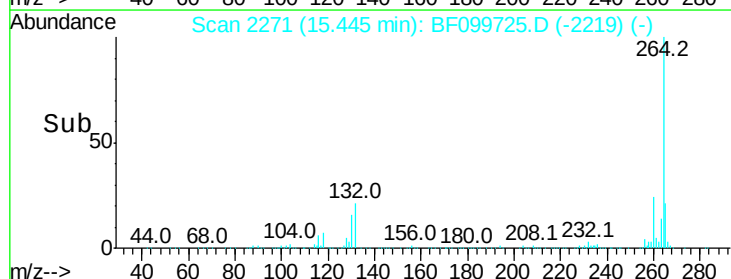
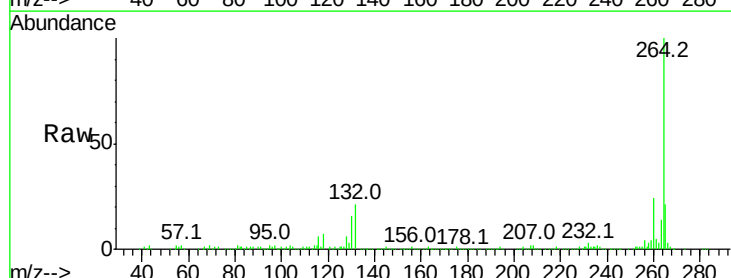
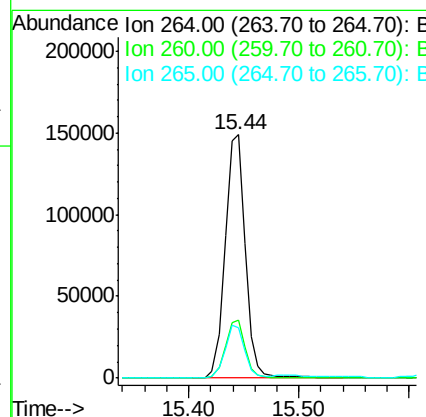
RT: 15.44 min Scan# 2271

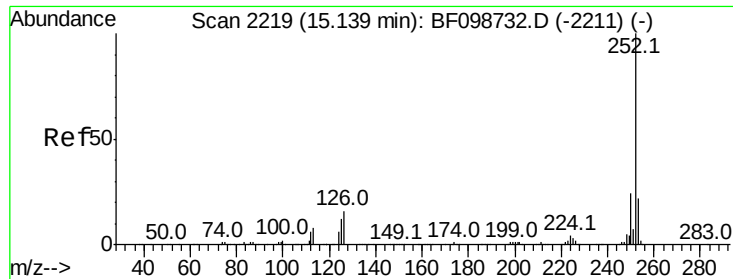
Delta R.T. 0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Tgt Ion:	264	Resp:	190713
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3





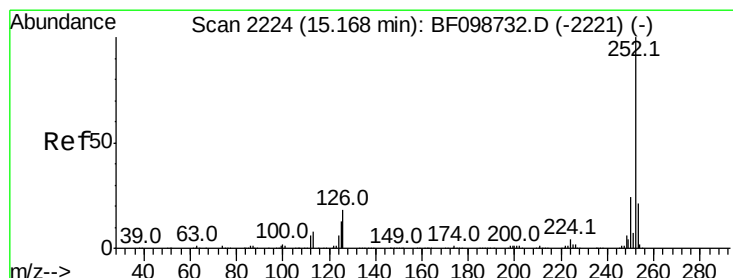
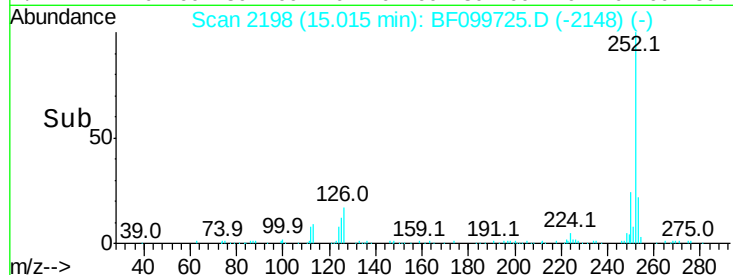
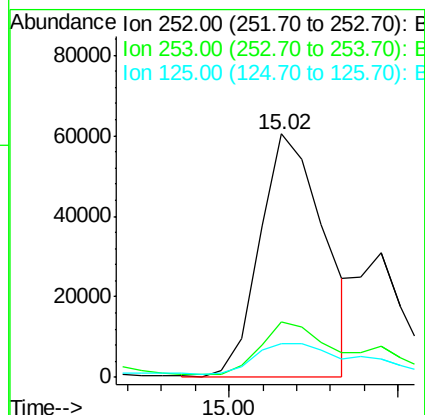
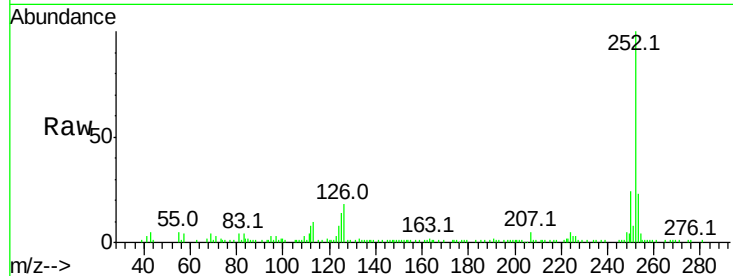
#87
Benzo(b)fluoranthene
Concen: 6.811 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.7	9.0	13.6

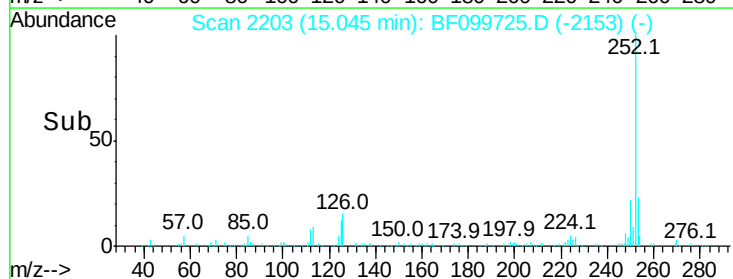
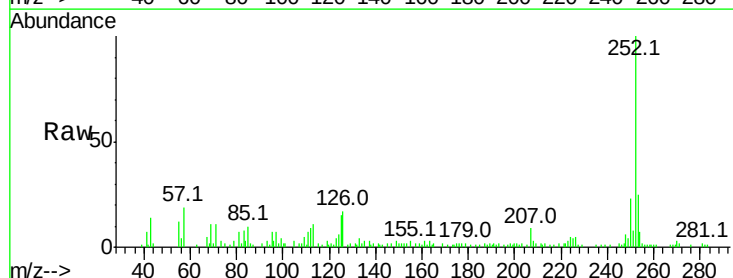
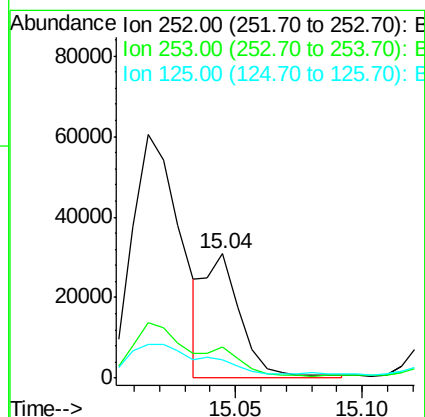
Manual Integrations
APPROVED

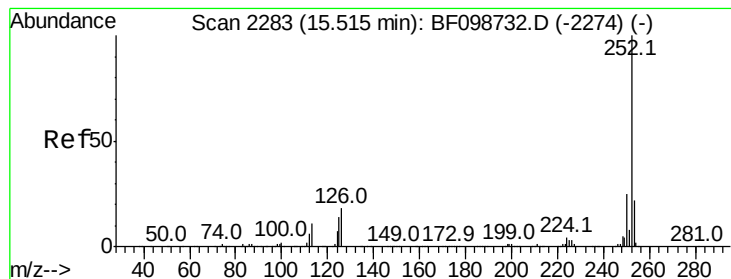
Sohil
10/23/2017 3:31:19 PM



#88
Benzo(k)fluoranthene
Concen: 2.661 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099725.D
Acq: 21 Oct 2017 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	15.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 5.352 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Instrument :

BNA_F

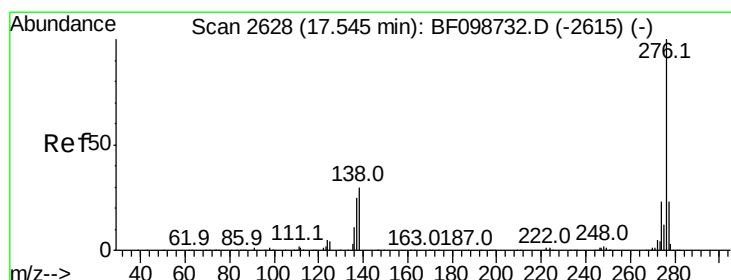
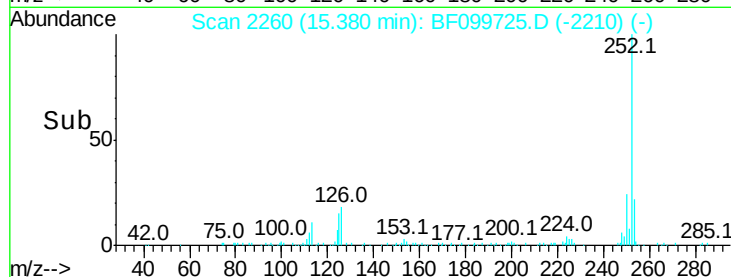
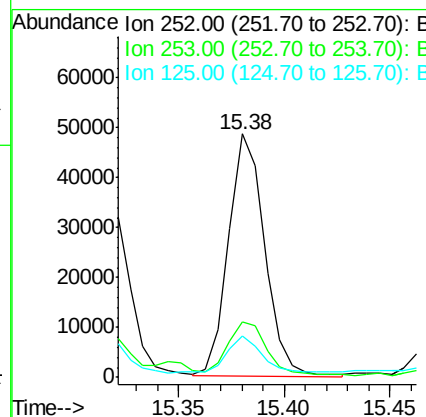
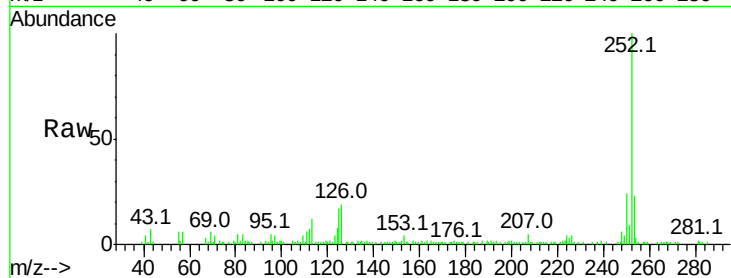
ClientSampled :

COMP-1

Tot Ion:	252	Resp:	57611
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	17.1	9.8	14.6#

Manual Integrations
APPROVED

Sohil
10/23/2017 3:31:19 PM



#91

Benzo(g,h,i)perylene

Concen: 3.949 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BF099725.D

Acq: 21 Oct 2017 14:03

Tgt Ion:	276	Resp:	33621
Ion Ratio	Lower	Upper	
276	100		
277	26.5	17.9	26.9
138	35.0	21.8	32.8#

