

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099731.D
 Acq On : 21 Oct 2017 16:49
 Operator : SJ/JU
 Sample : I5950-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3

Manual Integrations
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 10/23/2017 3:31:25 PM

Quant Time: Oct 22 01:20:51 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	98916	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	413019	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	185581	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	304861	20.00	ng	0.00
75) Chrysene-d12	13.98	240	171993	20.00	ng	0.00
86) Perylene-d12	15.44	264	176072	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	84734	13.64	ng	0.00
7) Phenol-d6	6.45	99	303780	39.63	ng	-0.01
23) Nitrobenzene-d5	7.38	82	409930	63.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	18561	12.22	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	648833	58.37	ng	0.00
78) Terphenyl-d14	12.92	244	484486	64.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.46	94	26218	3.058	ng	92
49) Dimethylphthalate	9.56	163	61704	4.405	ng	99
70) Phenanthrene	11.36	178	34136	2.092	ng	99
74) Fluoranthene	12.55	202	58545	3.543	ng	99
77) Pyrene	12.78	202	50983	3.887	ng	99
80) Benzo(a)anthracene	13.97	228	24191	2.323	ng	99
82) Chrysene	14.01	228	20899	2.108	ng	95
83) Bis(2-ethylhexyl)phthalate	13.94	149	42816	5.045	ng	99
87) Benzo(b)fluoranthene	15.02	252	24743m	2.286	ng	

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

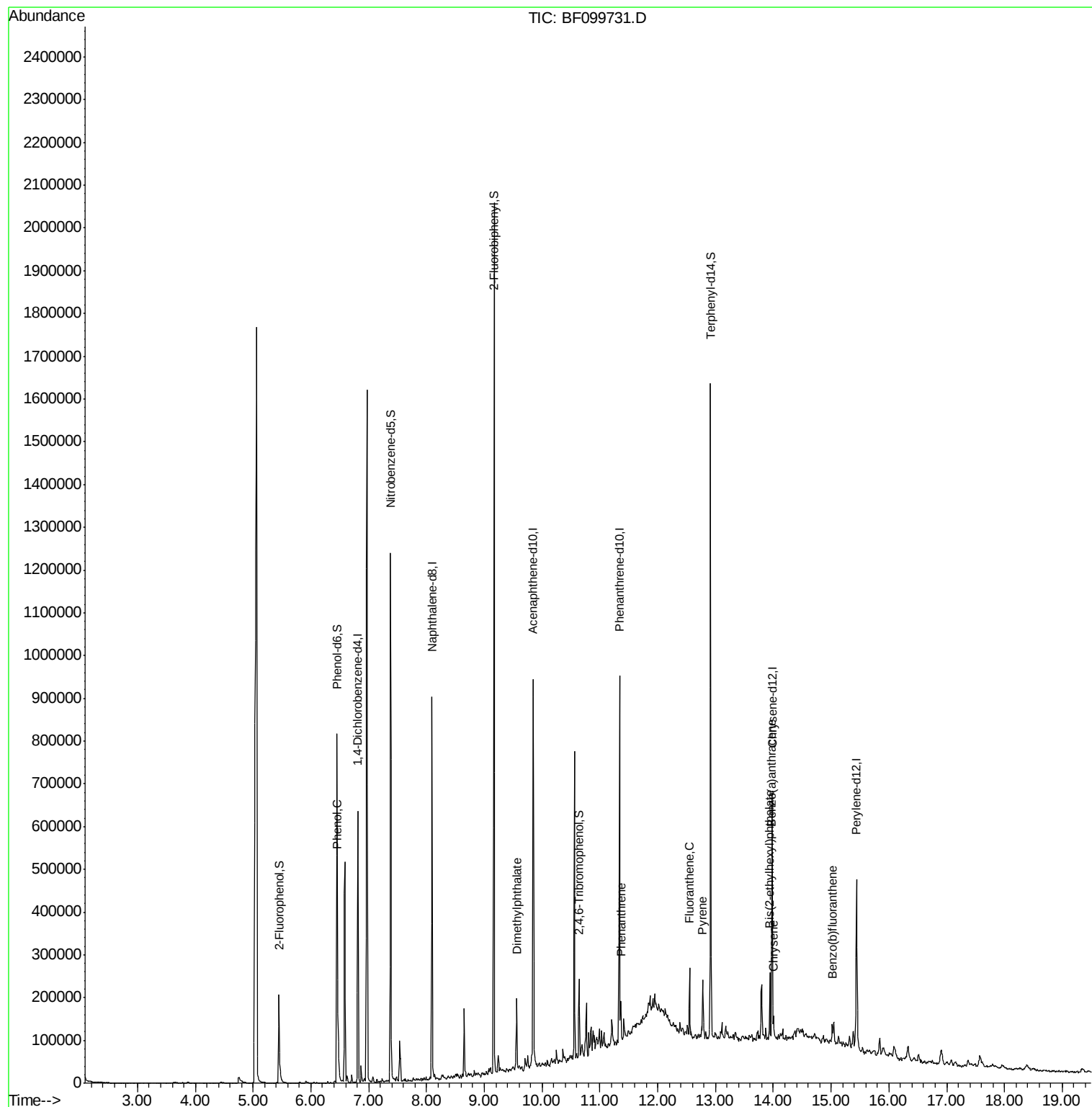
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099731.D
Acq On : 21 Oct 2017 16:49
Operator : SJ/JU
Sample : I5950-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

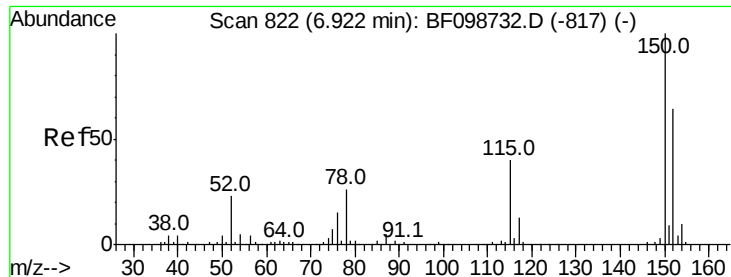
Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

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#1

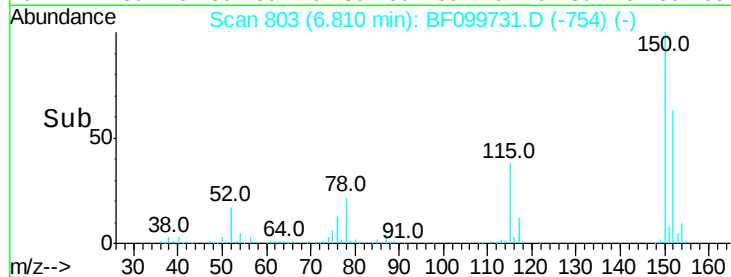
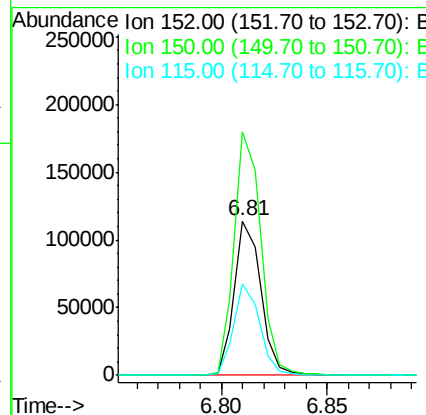
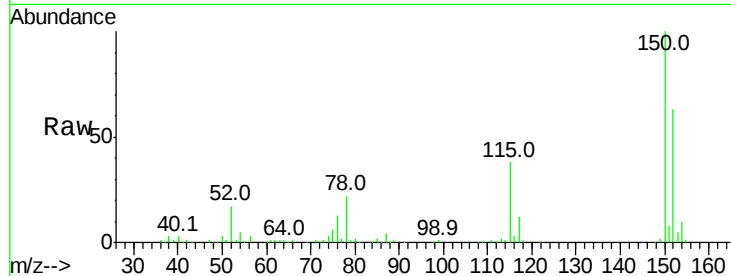
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.4	50.1	75.1

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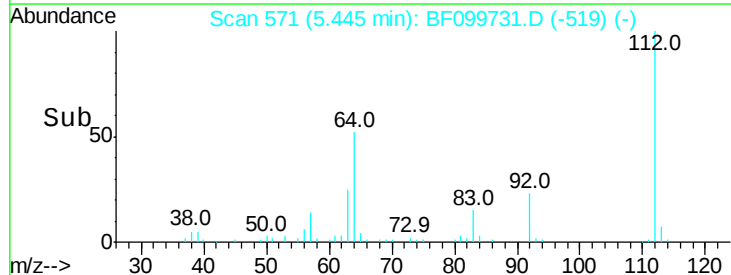
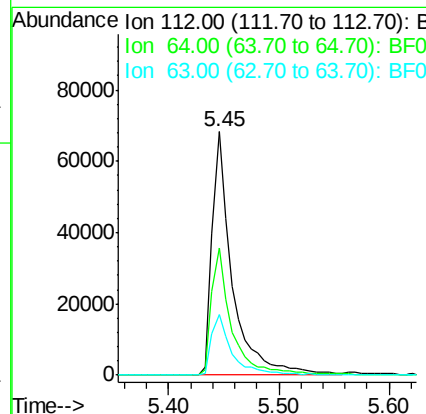
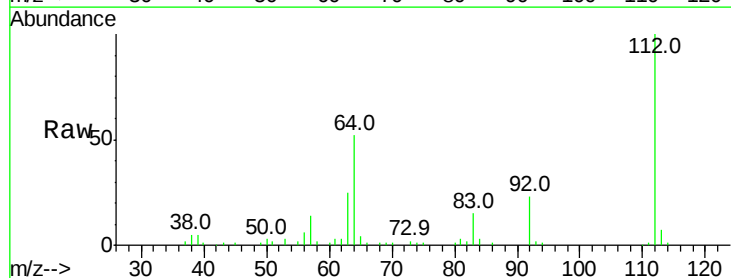
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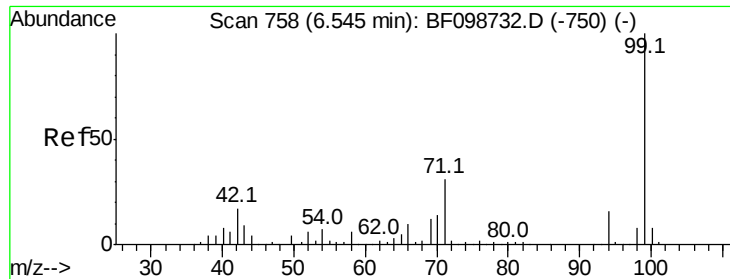


#5

2-Fluorophenol
Concen: 13.637 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	24.7	23.7	35.5





#7

Phenol-d6

Concen: 39.631 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Instrument :

BNA_F

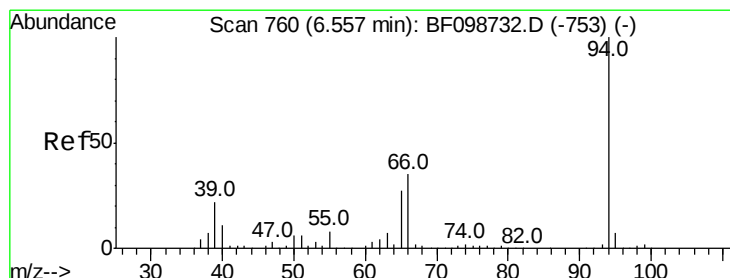
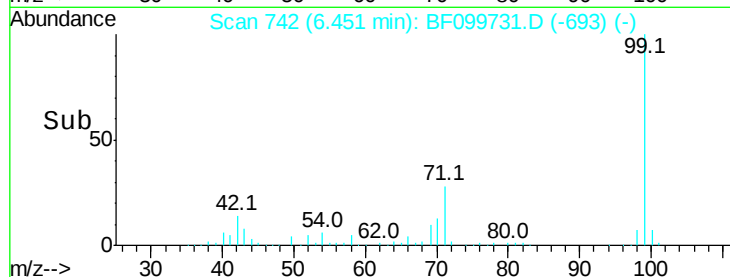
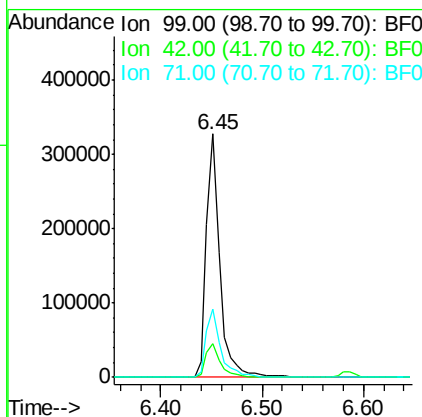
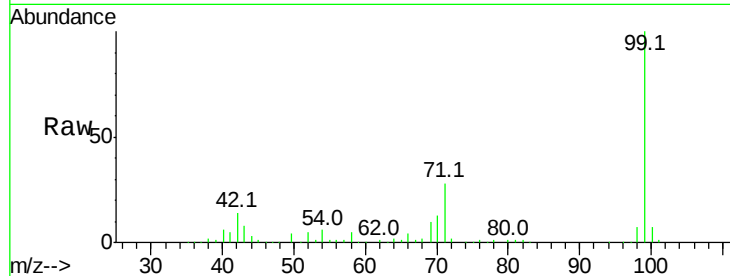
ClientSampleId :

20170724-C-A-COMP3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		303780		
42	13.9	14.5	21.7#		
71	28.2	25.4	38.0		

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#10

Phenol

Concen: 3.058 ng

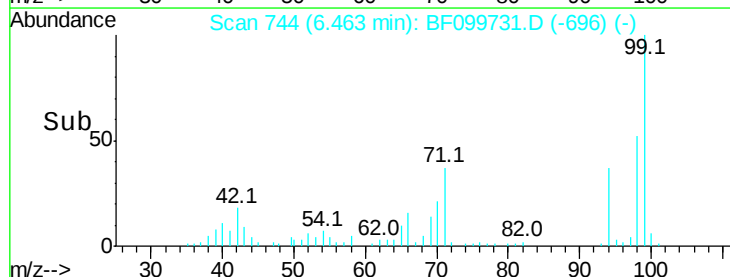
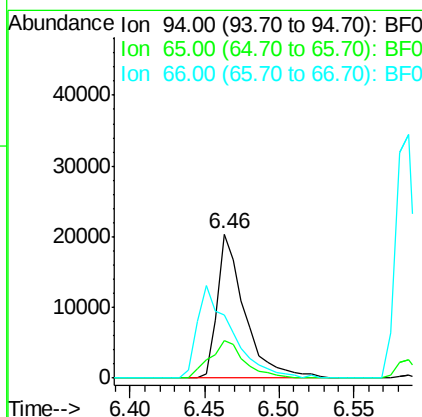
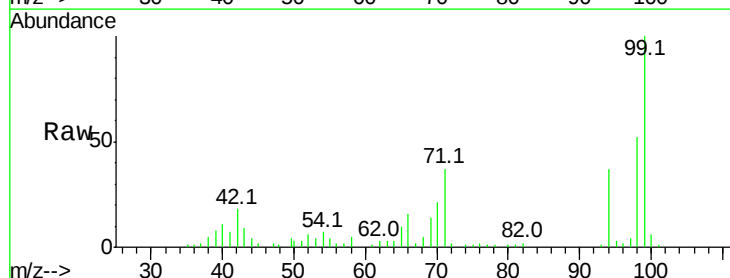
RT: 6.46 min Scan# 744

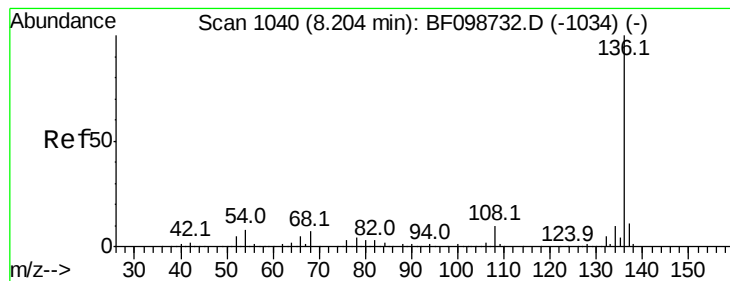
Delta R.T. -0.02 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		26218		
65	26.3	7.9	47.9		
66	43.6	16.2	56.2		





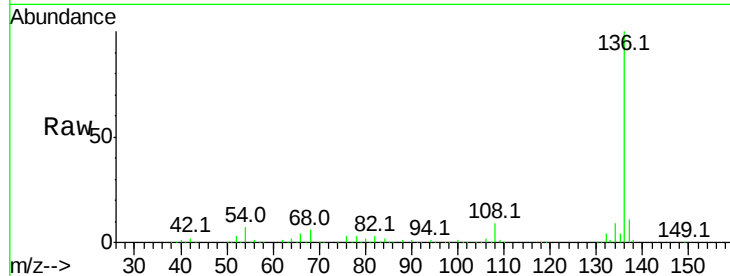
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

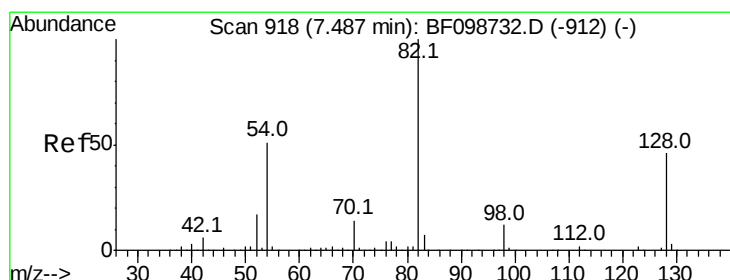
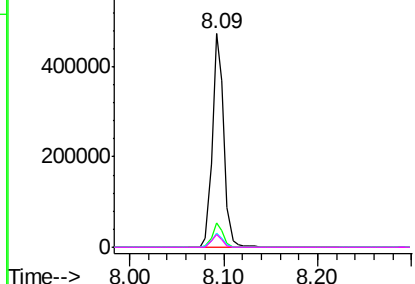
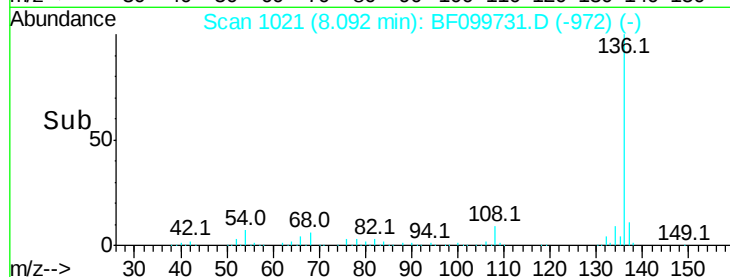
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	6.8	6.6	9.8	
68	5.9	5.0	7.4	

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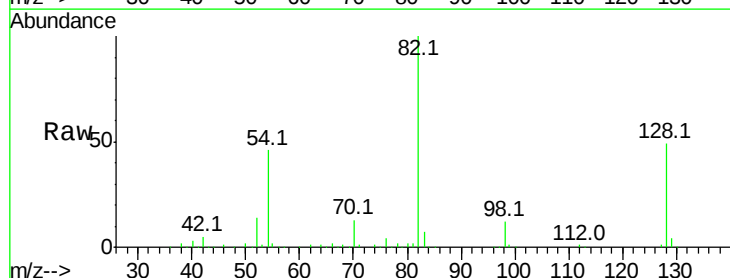


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

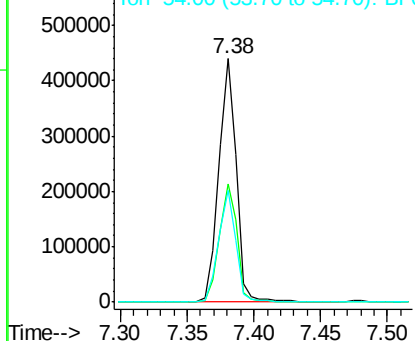
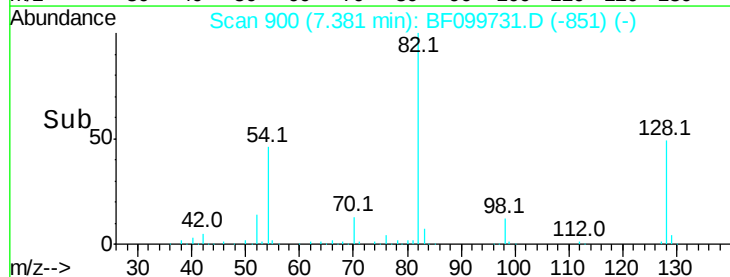


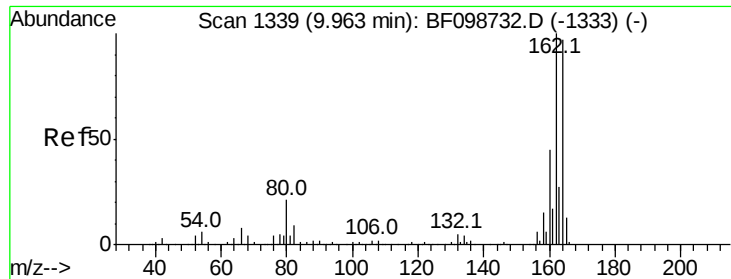
#23
Nitrobenzene-d5
Concen: 63.651 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	36.1	54.1	
54	45.8	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





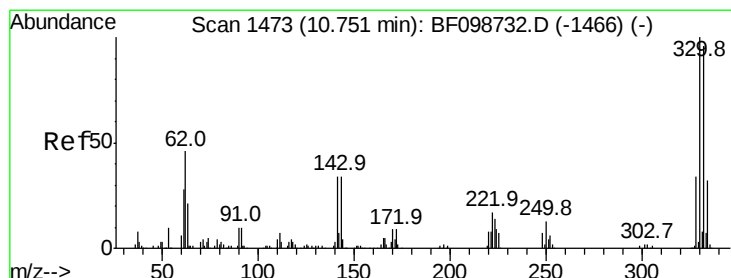
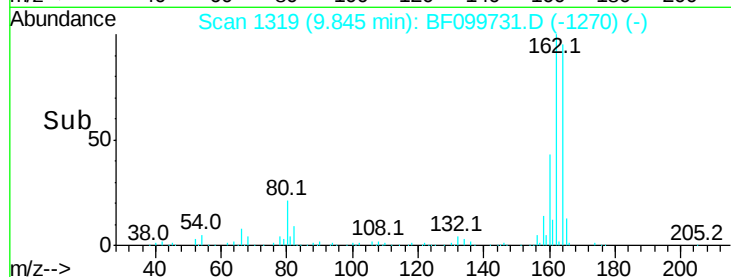
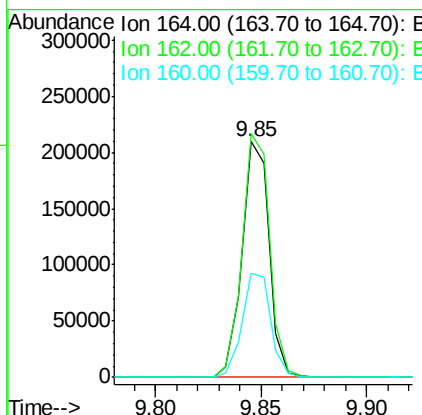
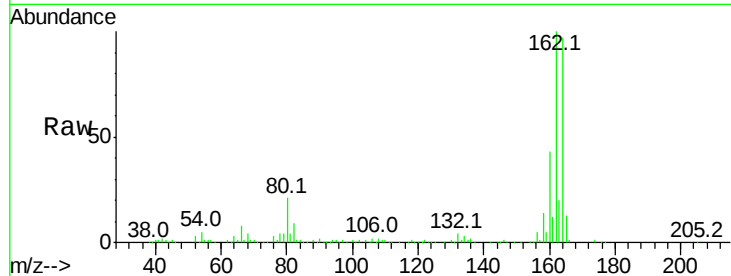
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Resp	Lower	Upper
164	100	185581		
162	103.4	86.1	129.1	
160	44.5	38.3	57.5	

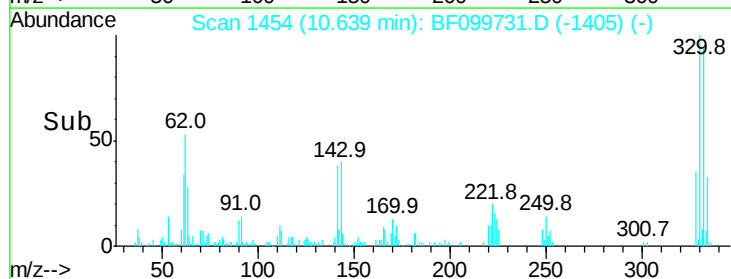
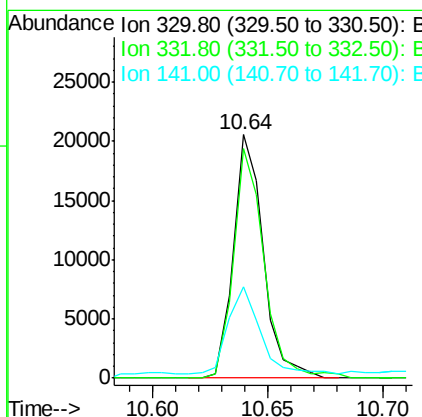
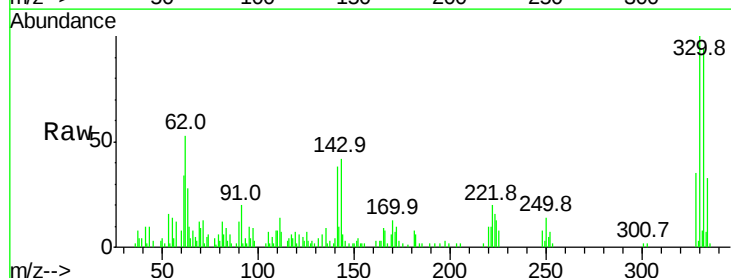
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#41
2,4,6-Tribromophenol
Concen: 12.223 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	18561		
332	96.5	77.0	115.6	
141	38.7	29.9	44.9	





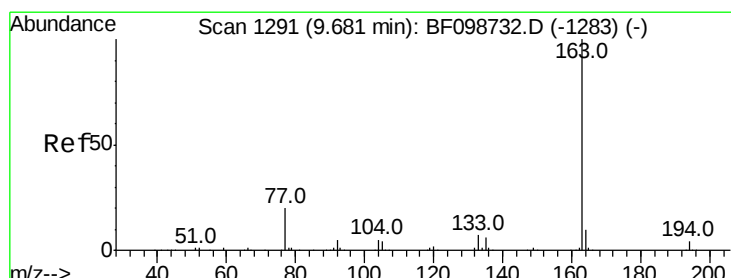
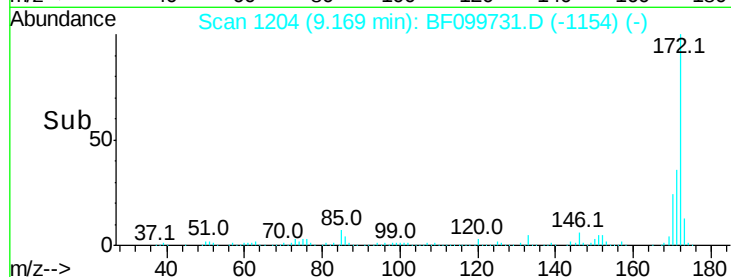
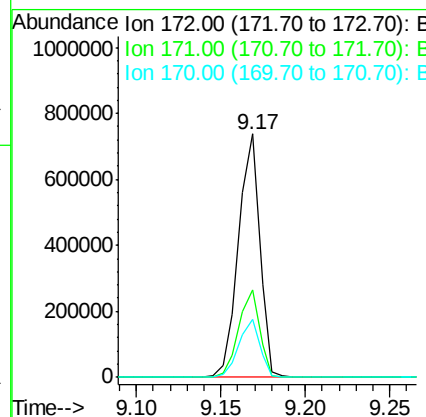
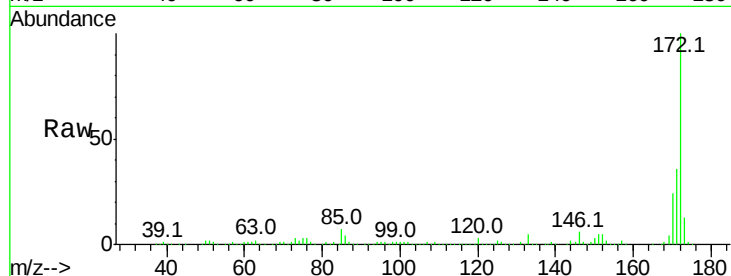
#44
2-Fluorobiphenyl
Concen: 58.367 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	648833		
171	35.7		29.7	44.5
170	23.6		19.6	29.4

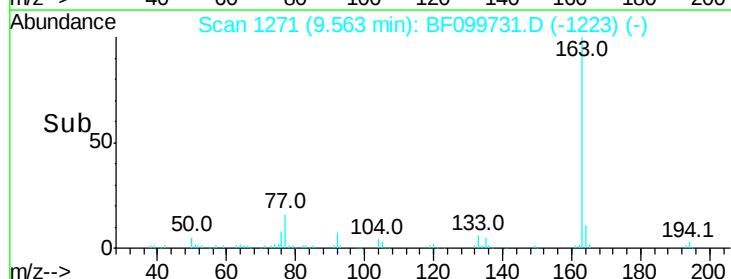
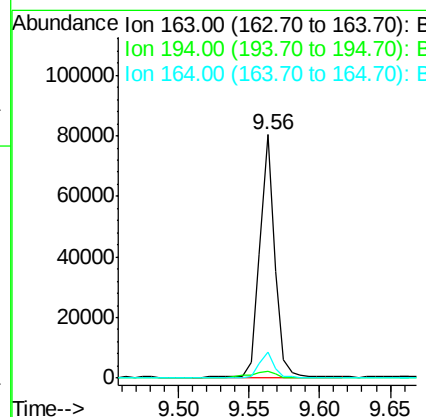
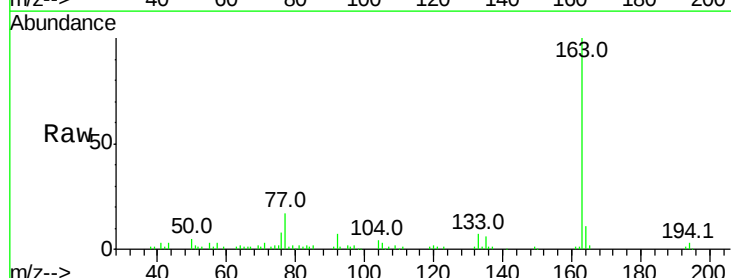
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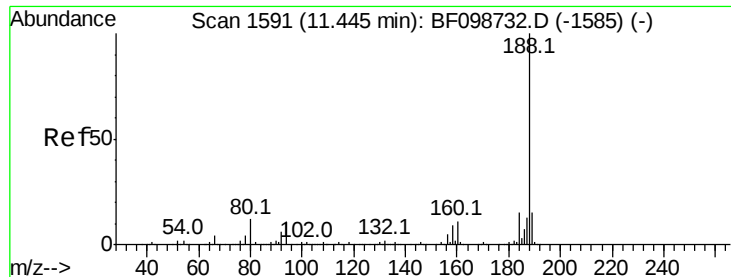
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#49
Dimethylphthalate
Concen: 4.405 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	61704		
194	3.0		2.7	4.1
164	10.6		8.2	12.2





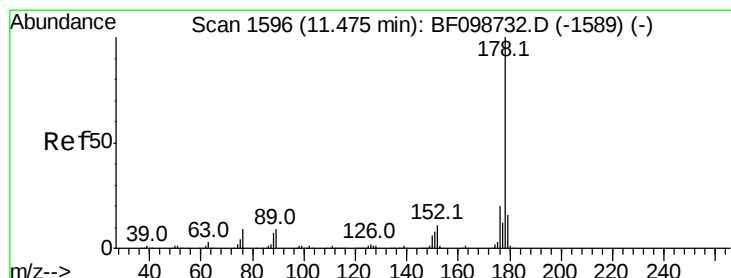
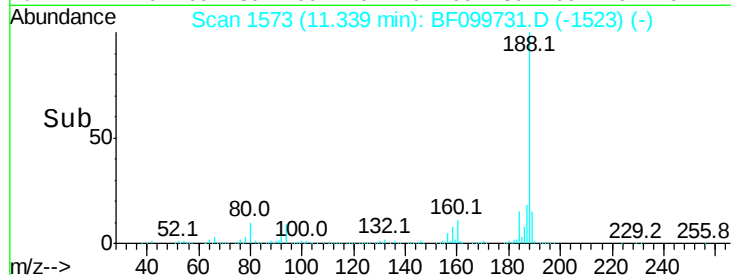
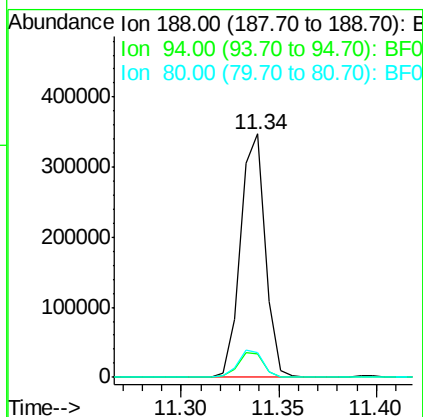
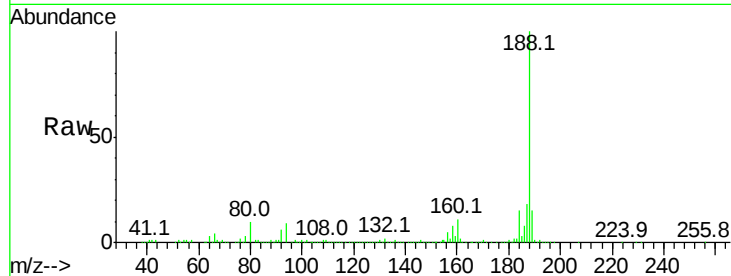
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.0	9.2	13.8

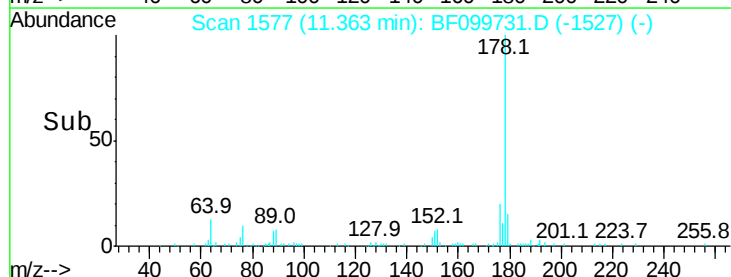
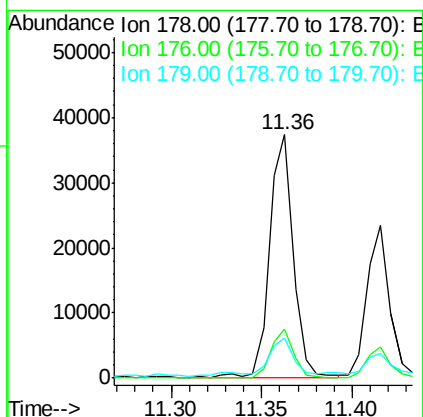
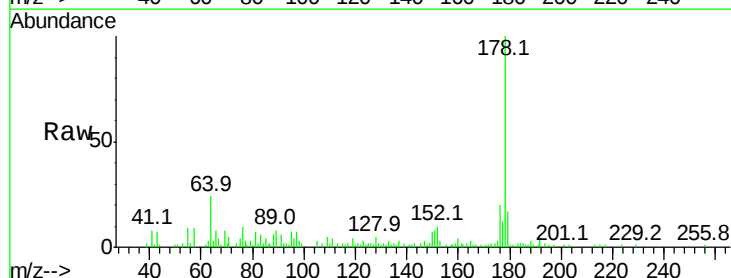
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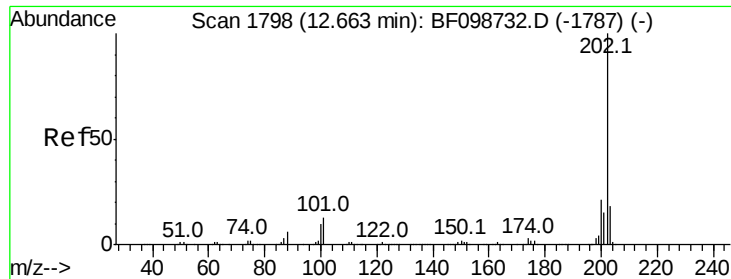
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#70
Phenanthrene
Concen: 2.092 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.7	13.0	19.6





#74

Fluoranthene

Concen: 3.543 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Instrument :

BNA_F

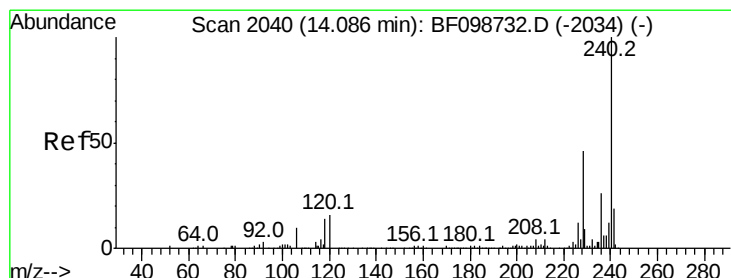
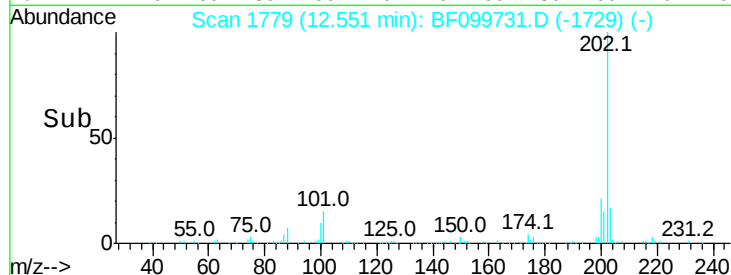
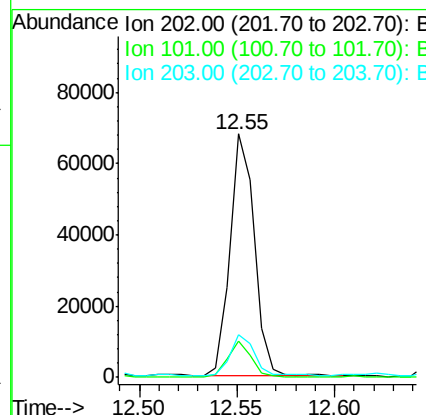
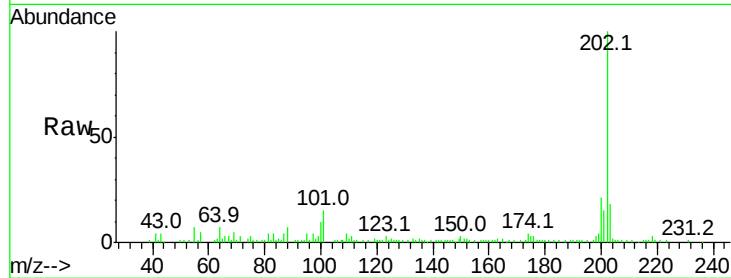
ClientSampleId :

20170724-C-A-COMP3

Tot Ion:	202	Resp:	58545
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

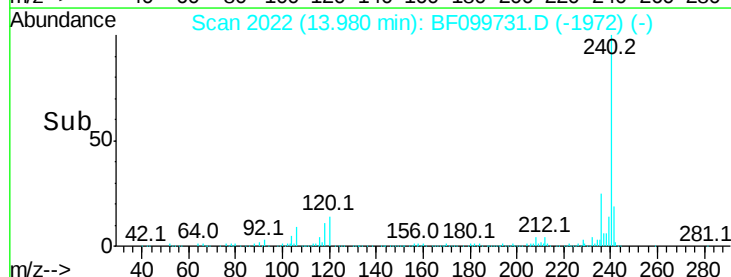
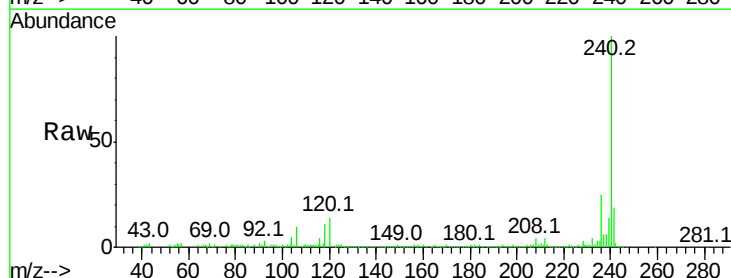
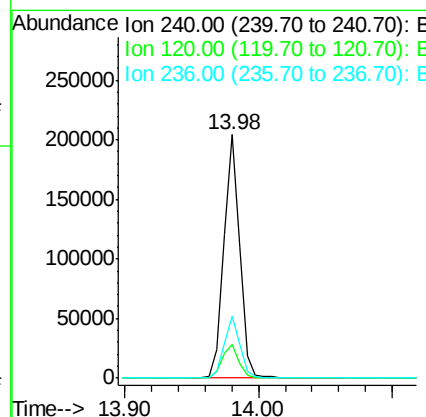
RT: 13.98 min Scan# 2022

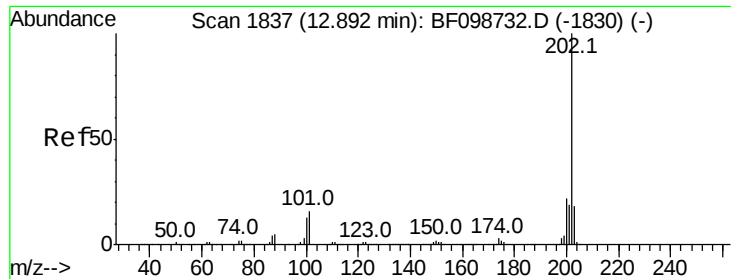
Delta R.T. -0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Tgt Ion:	240	Resp:	171993
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 3.887 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Instrument :

BNA_F

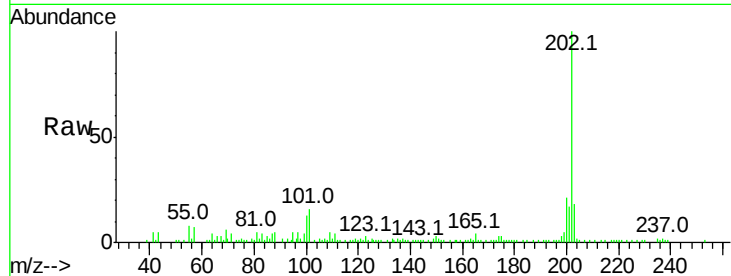
ClientSampleId :

20170724-C-A-COMP3

Tot Ion:	202	Resp:	50983
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

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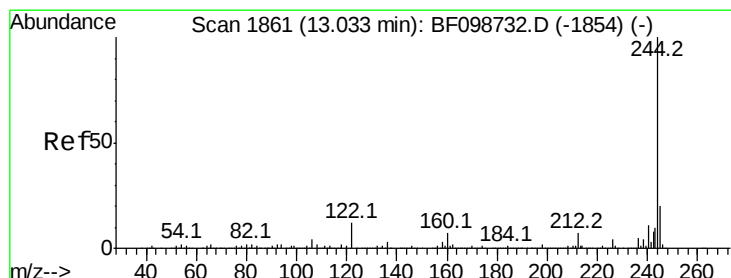
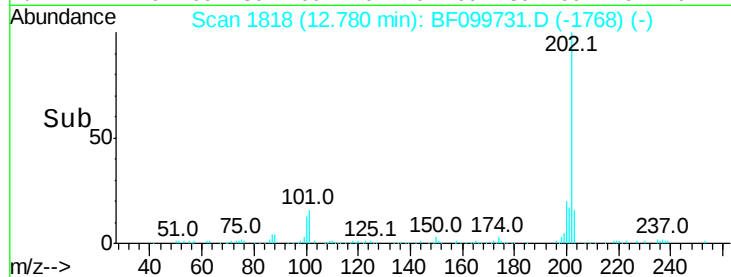
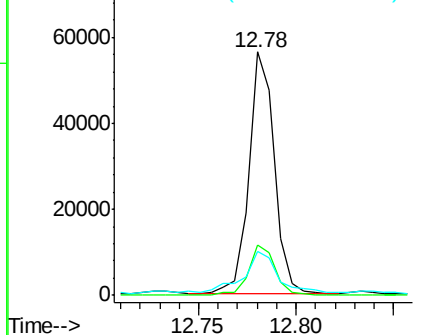
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.062 ng

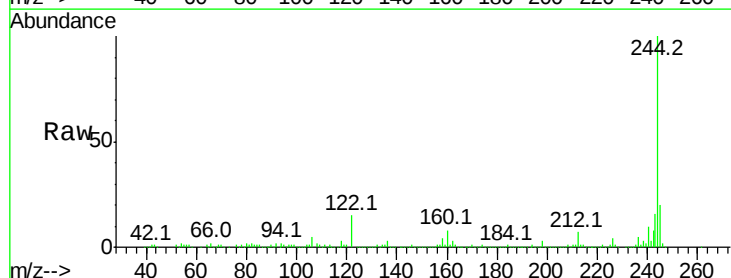
RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

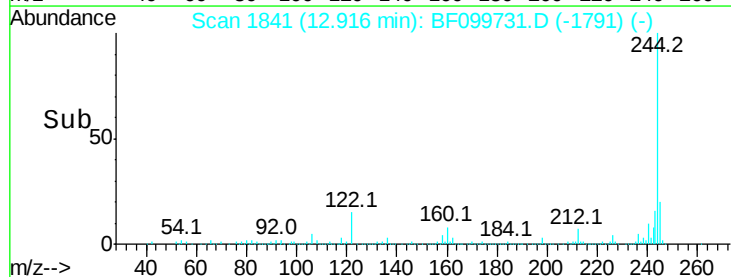
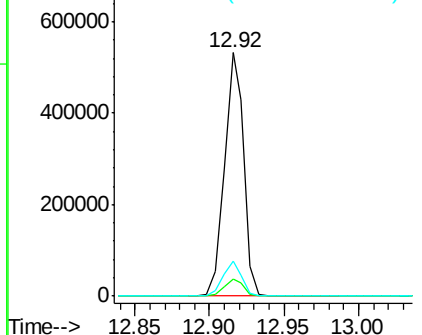
Tgt Ion:	244	Resp:	484486
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	14.6	11.0	16.4

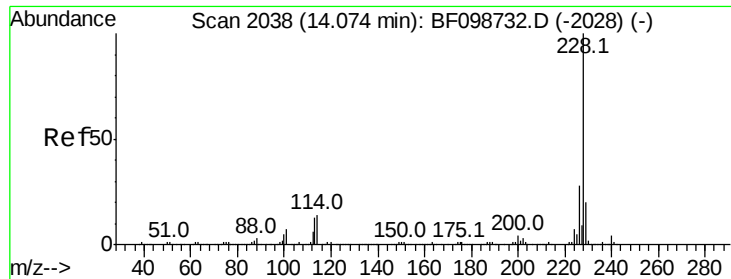


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





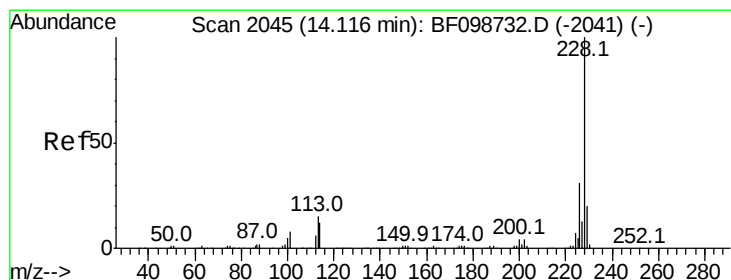
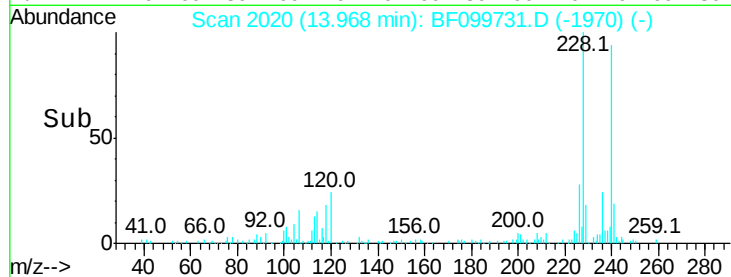
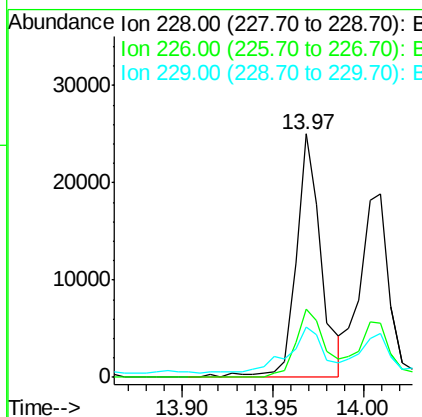
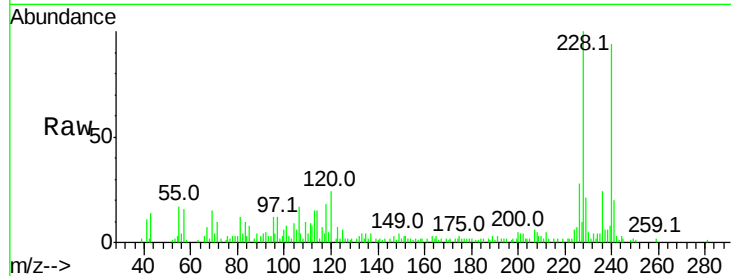
#80
Benzo(a)anthracene
Concen: 2.323 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	15.8	23.6

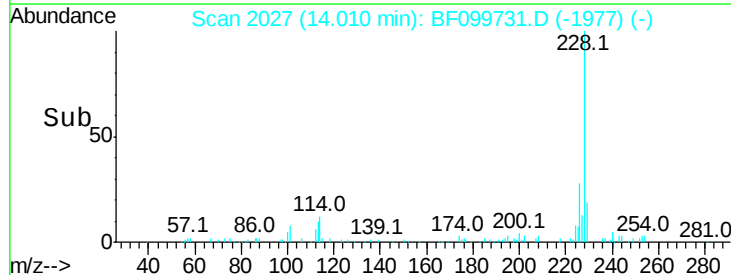
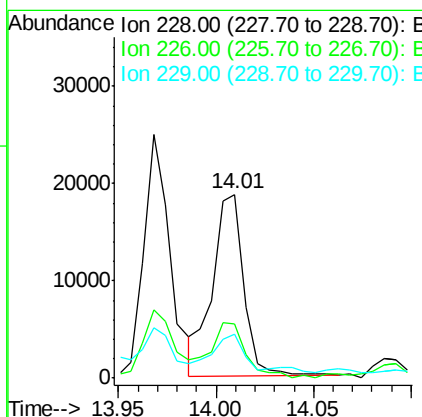
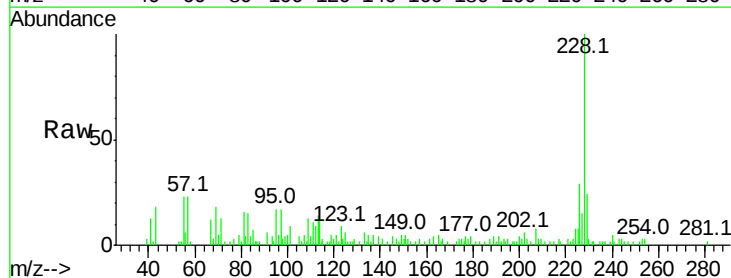
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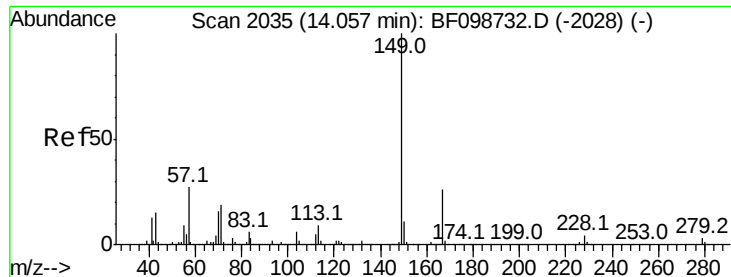
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#82
Chrysene
Concen: 2.108 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099731.D
Acq: 21 Oct 2017 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	24.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.045 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Instrument :

BNA_F

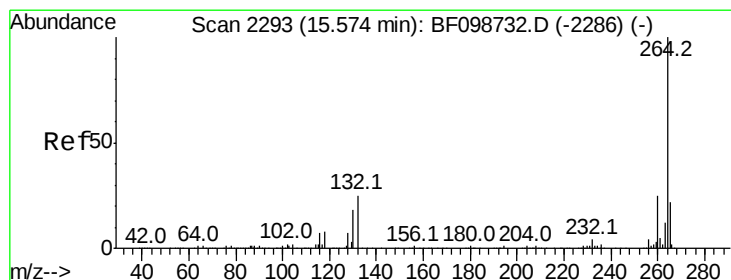
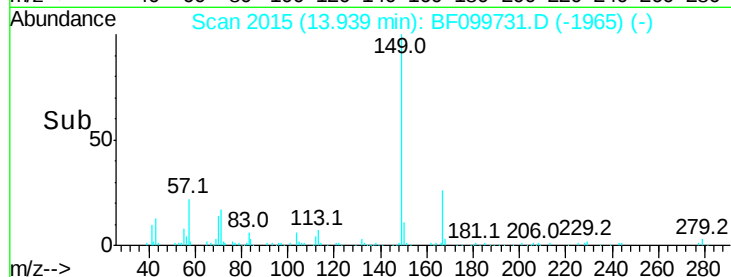
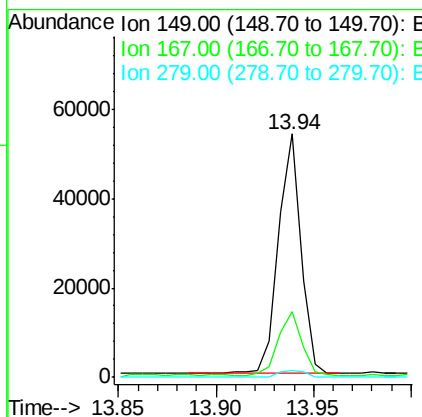
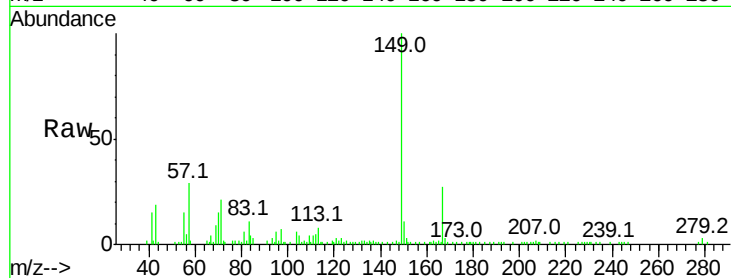
ClientSampleId :

20170724-C-A-COMP3

Tot Ion:	149	Resp:	42816
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.0	3.0	4.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

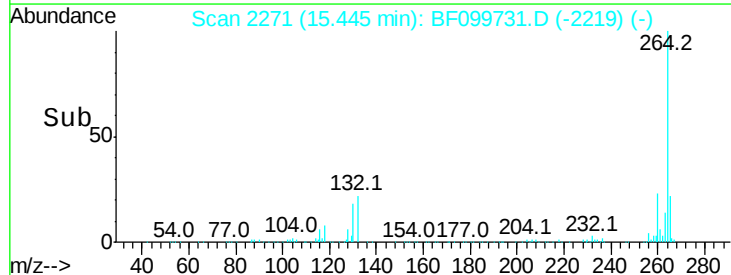
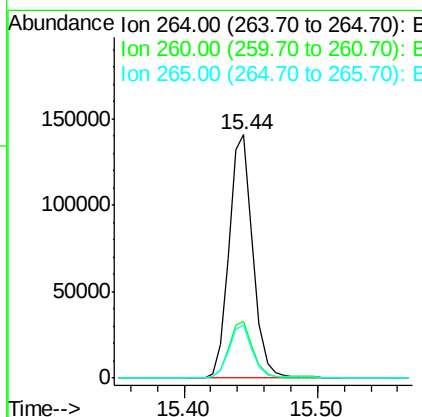
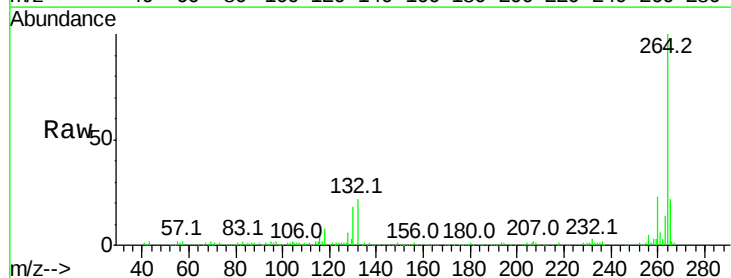
RT: 15.44 min Scan# 2271

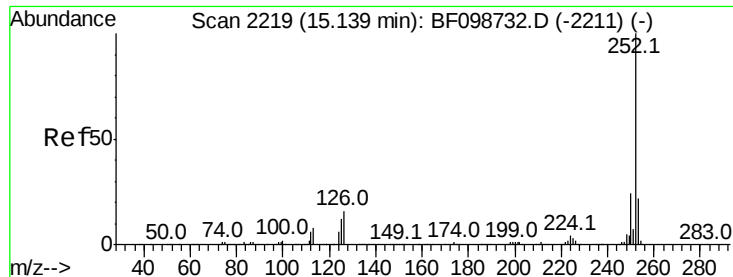
Delta R.T. 0.01 min

Lab File: BF099731.D

Acq: 21 Oct 2017 16:49

Tgt Ion:	264	Resp:	176072
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.286 ng/ml
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BF099731.D
 Acq: 21 Oct 2017 16:49

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	18.4	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:31:25 PM

