

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099729.D
 Acq On : 21 Oct 2017 15:54
 Operator : SJ/JU
 Sample : I5950-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1

Manual Integrations
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Sohil
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Quant Time: Oct 22 01:16:49 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	103043	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	427359	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	198515	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	337881	20.00	ng	0.00
75) Chrysene-d12	13.98	240	192796	20.00	ng	0.00
86) Perylene-d12	15.44	264	193615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	47914	7.40	ng	0.01
7) Phenol-d6	6.46	99	232662	29.14	ng	0.00
23) Nitrobenzene-d5	7.38	82	444938	66.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	15315	9.43	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	804212	67.63	ng	0.00
78) Terphenyl-d14	12.92	244	584575	68.96	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	30981	3.469	ng	94
31) Naphthalene	8.12	128	53110	2.646	ng	98
49) Dimethylphthalate	9.56	163	83319	5.561	ng	99
70) Phenanthrene	11.36	178	90985	5.031	ng	98
74) Fluoranthene	12.56	202	125251	6.839	ng	96
77) Pyrene	12.78	202	123180	8.379	ng	99
80) Benzo(a)anthracene	13.97	228	42519	3.642	ng	96
82) Chrysene	14.01	228	43335	3.899	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	95133	10.000	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.92	276	23239	2.614	ng	93
87) Benzo(b)fluoranthene	15.02	252	54693m	4.594	ng	
89) Benzo(a)pyrene	15.39	252	36482	3.339	ng	# 90
91) Benzo(a,h,i)perylene	17.37	276	22693	2.625	ng	97

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

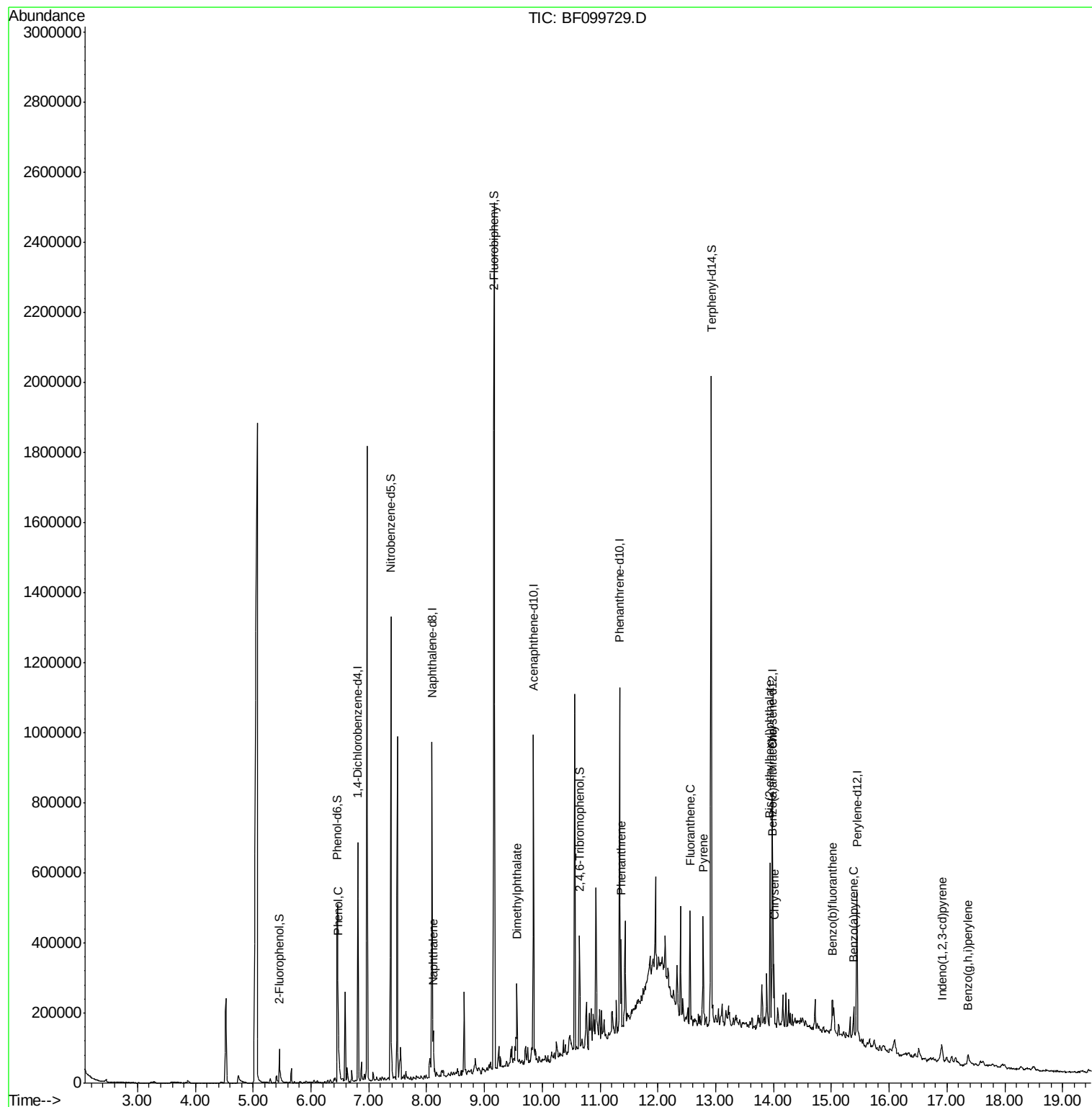
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099729.D
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ALS Vial : 10 Sample Multiplier: 1

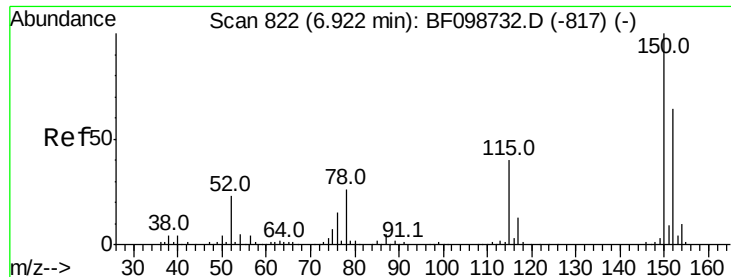
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

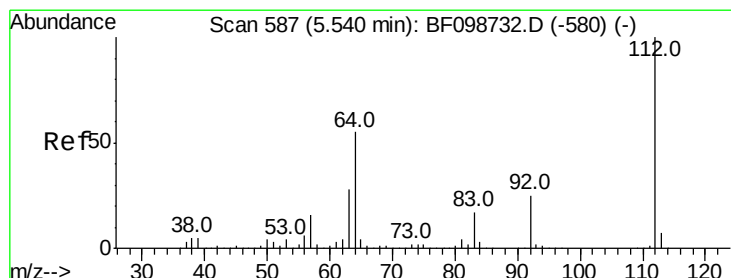
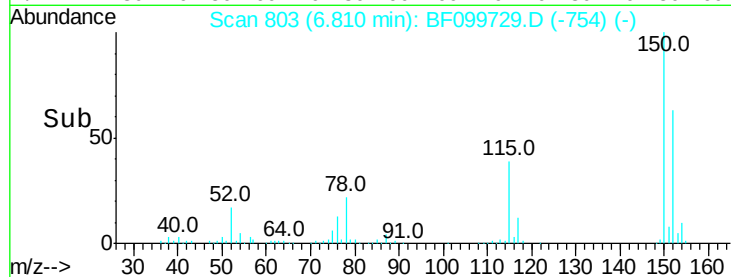
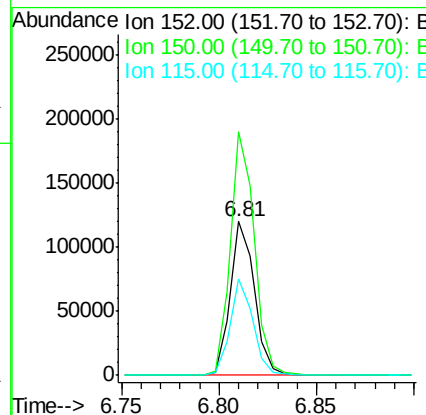
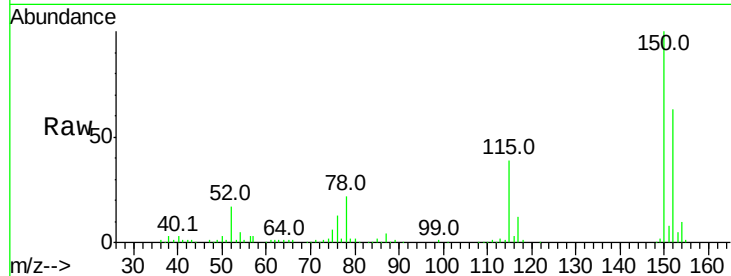
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.4	50.1	75.1

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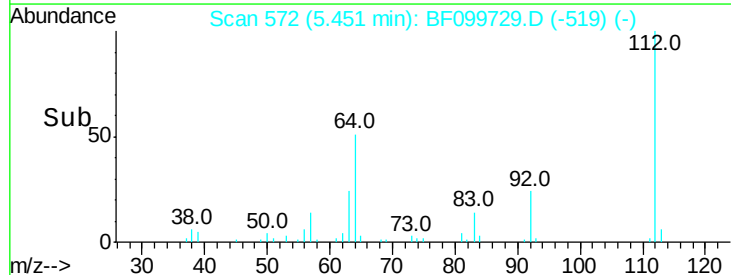
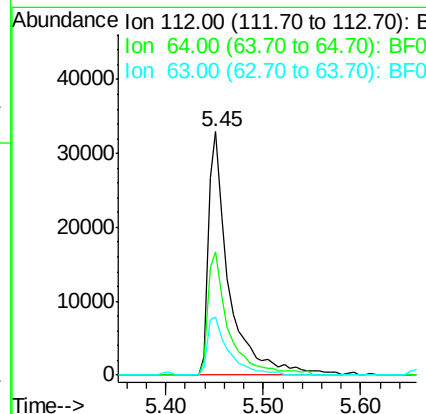
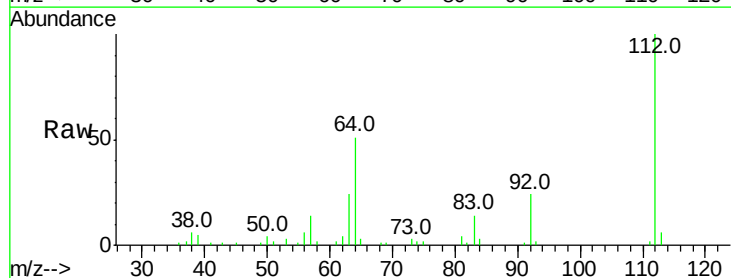
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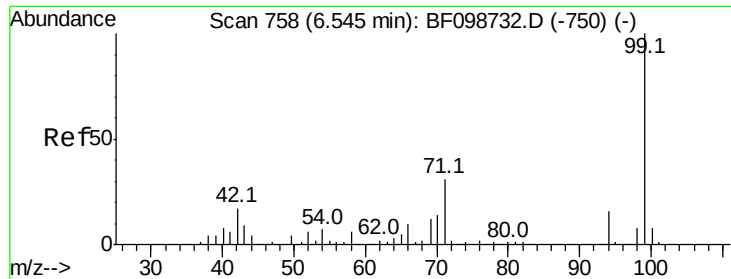


#5

2-Fluorophenol
Concen: 7.402 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	24.0	23.7	35.5





#7

Phenol-d6

Concen: 29.137 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Instrument :

BNA_F

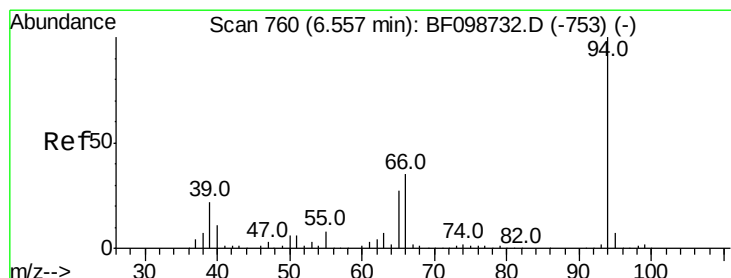
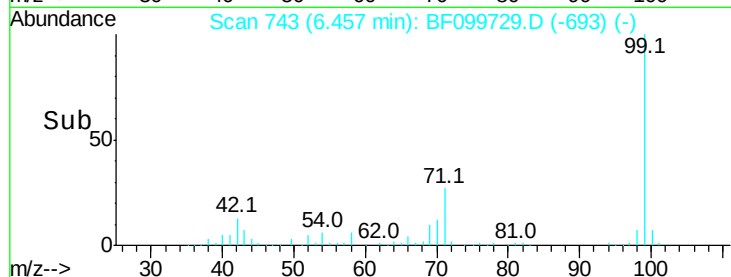
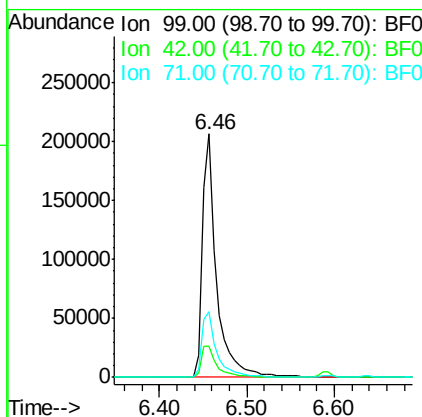
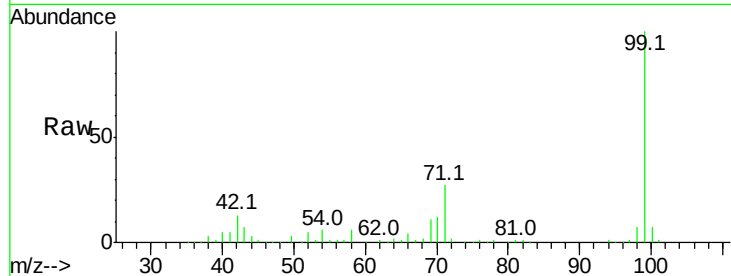
ClientSampleId :

20170722-C-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
99	100	232662		
42	12.9	14.5	21.7#	
71	27.1	25.4	38.0	

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#10

Phenol

Concen: 3.469 ng

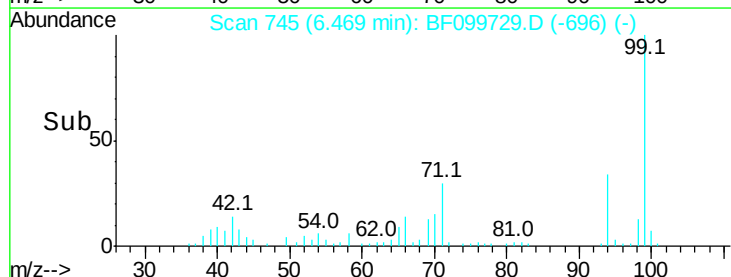
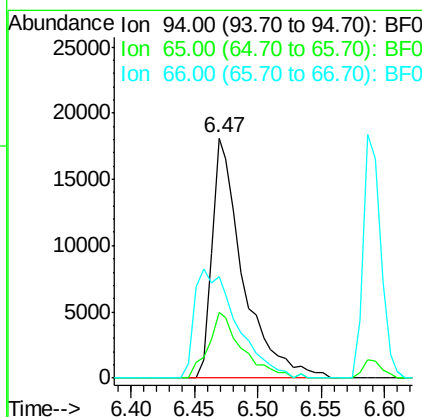
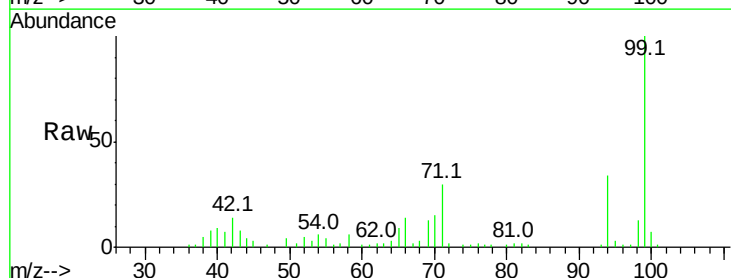
RT: 6.47 min Scan# 745

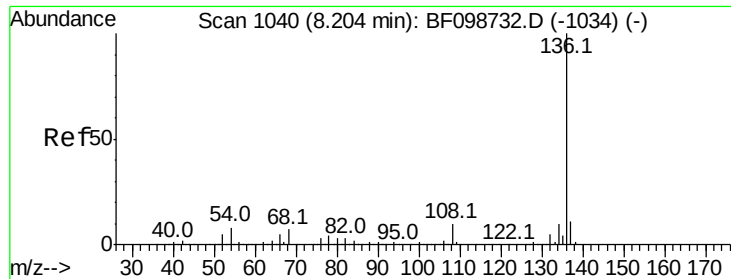
Delta R.T. -0.01 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	30981		
65	27.3	7.9	47.9	
66	42.0	16.2	56.2	





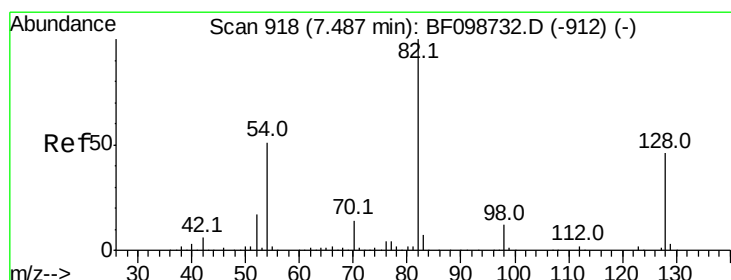
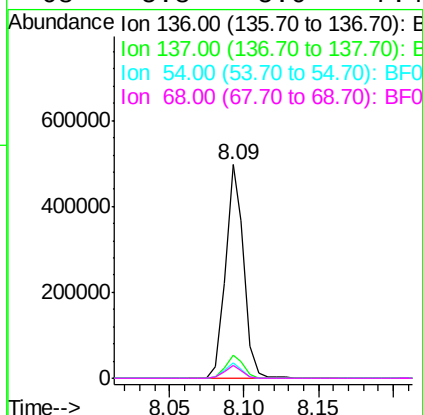
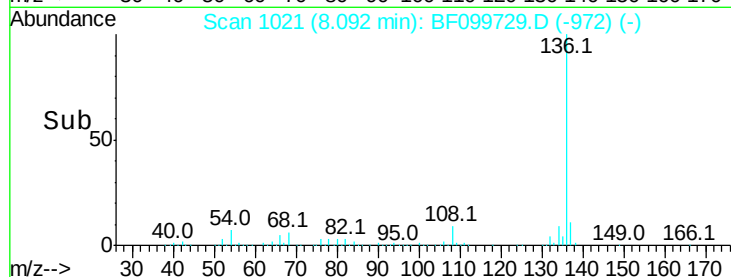
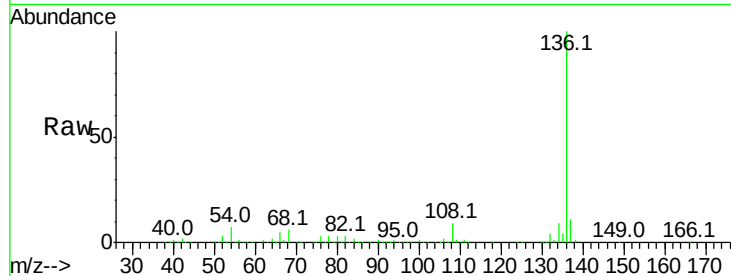
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.3	6.6	9.8	
68	5.8	5.0	7.4	

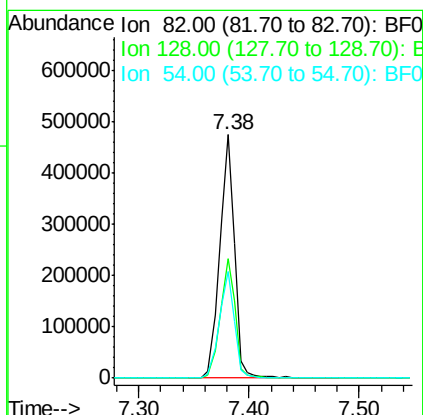
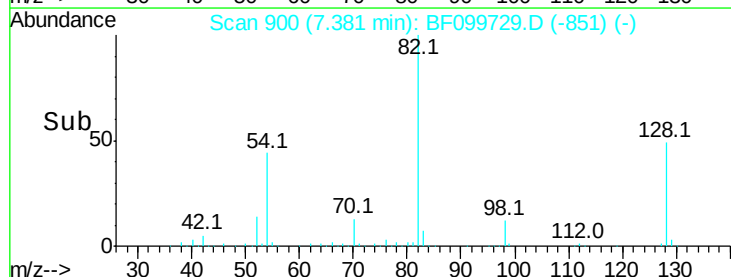
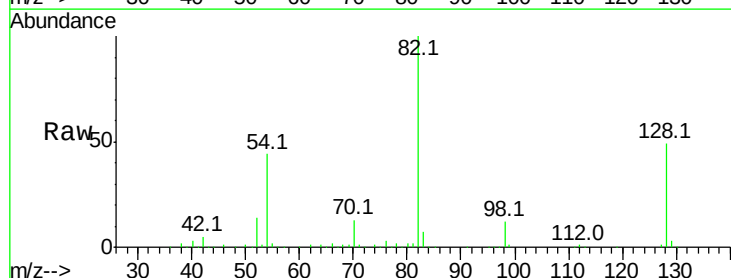
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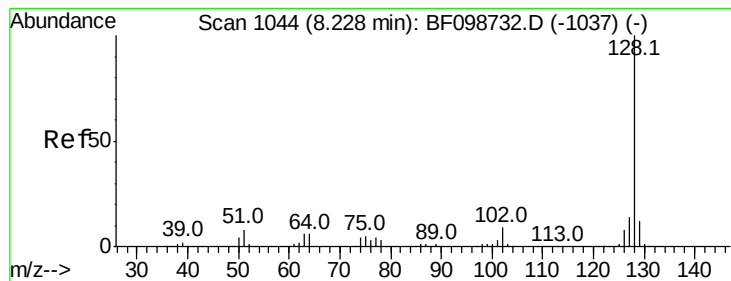
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#23
Nitrobenzene-d5
Concen: 66.768 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.0	36.1	54.1	
54	44.0	41.4	62.2	





#31

Naphthalene

Concen: 2.646 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Instrument :

BNA_F

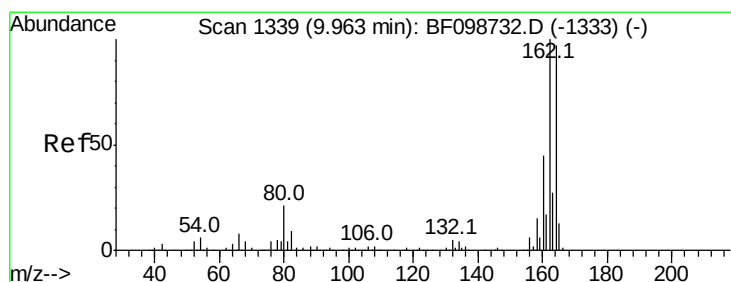
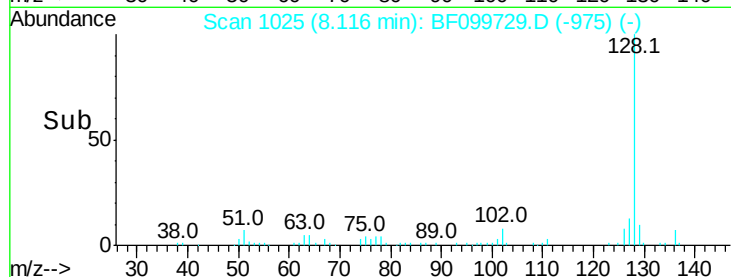
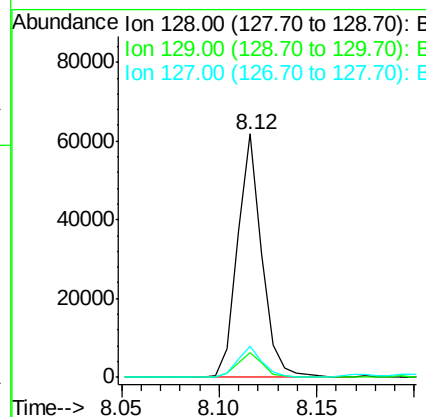
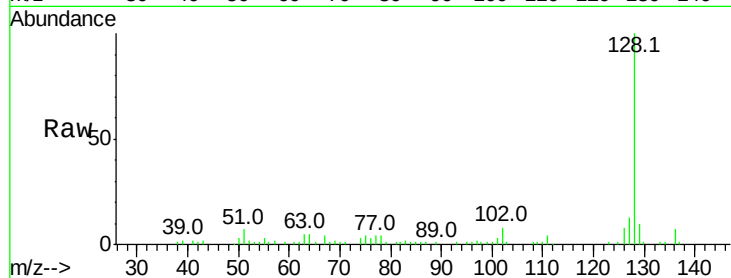
ClientSampleId :

20170722-C-A-COMP1

Tot Ion:	128	Resp:	53110
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.8	13.2
127	12.8	10.9	16.3

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#38

Acenaphthene-d10

Concen: 20.000 ng

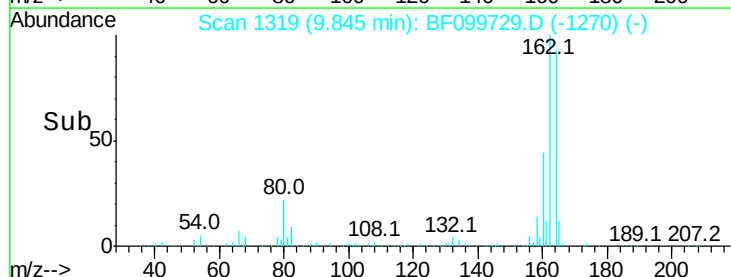
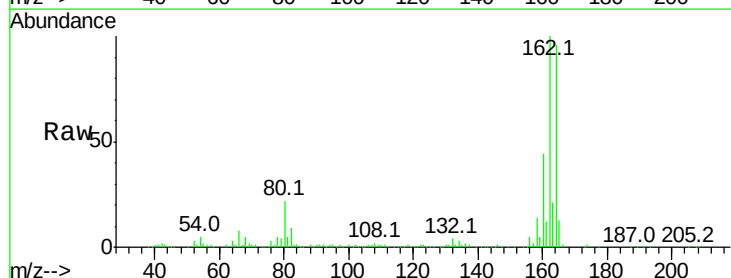
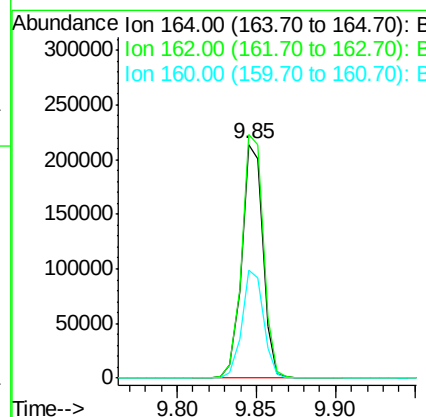
RT: 9.85 min Scan# 1319

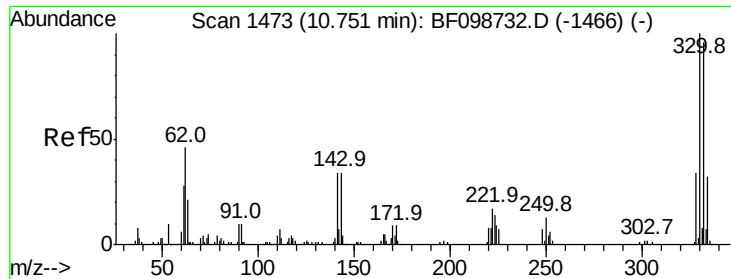
Delta R.T. -0.01 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Tgt Ion:	164	Resp:	198515
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	45.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 9.428 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Instrument :

BNA_F

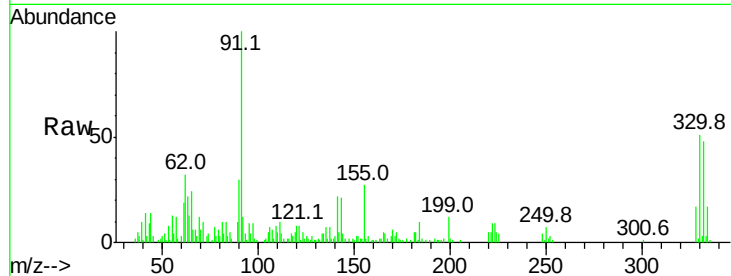
ClientSampleId :

20170722-C-A-COMP1

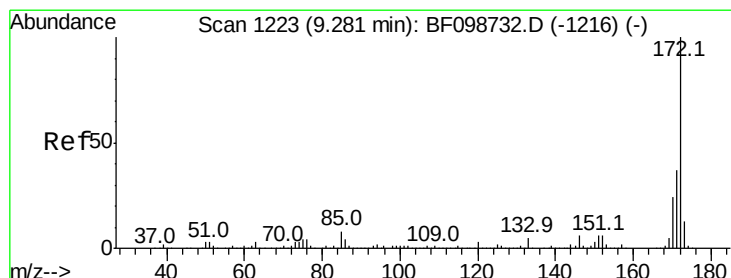
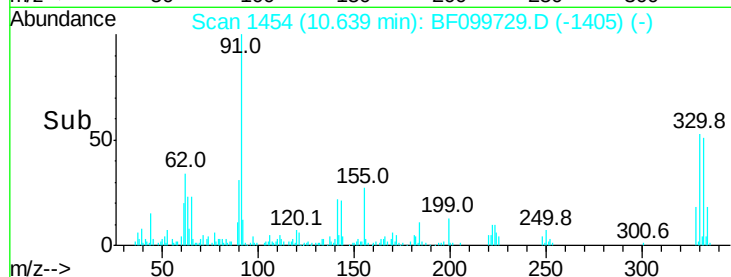
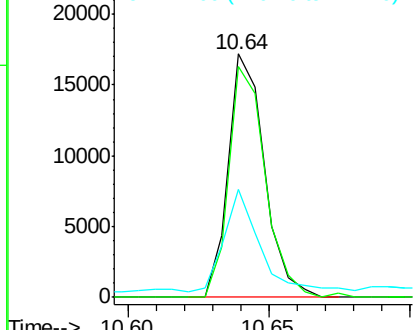
Tot Ion:	330	Resp:	15315
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	42.3	29.9	44.9

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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: 67.630 ng

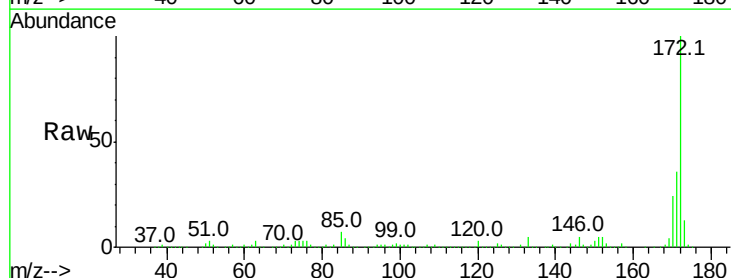
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

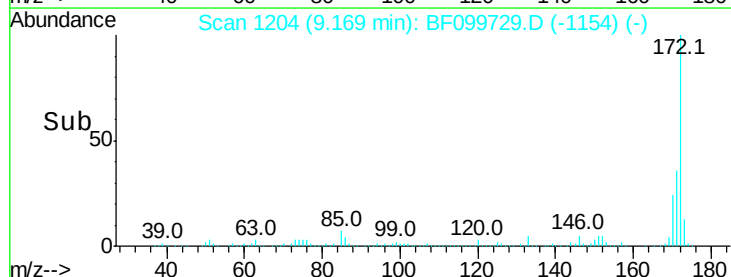
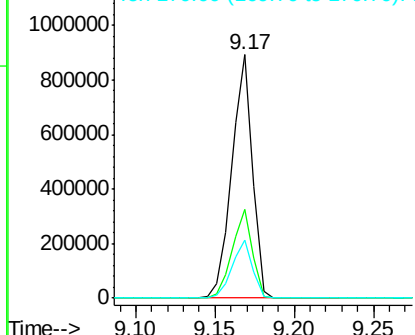
Lab File: BF099729.D

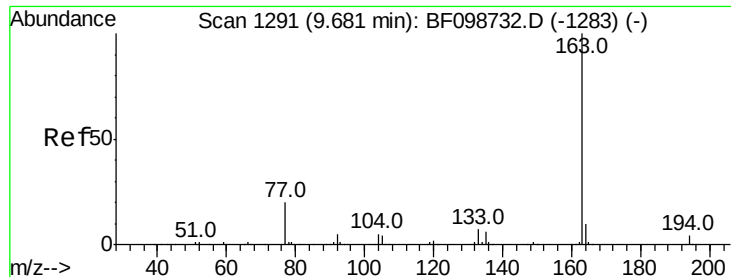
Acq: 21 Oct 2017 15:54

Tgt Ion:	172	Resp:	804212
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	23.8	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





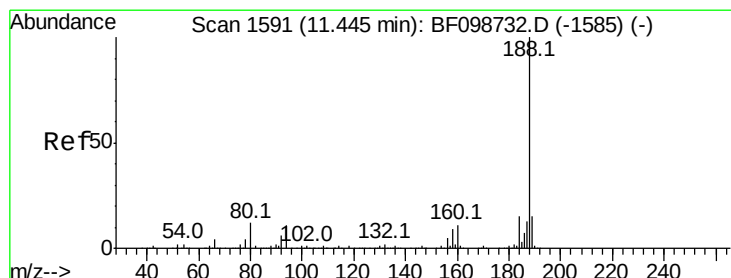
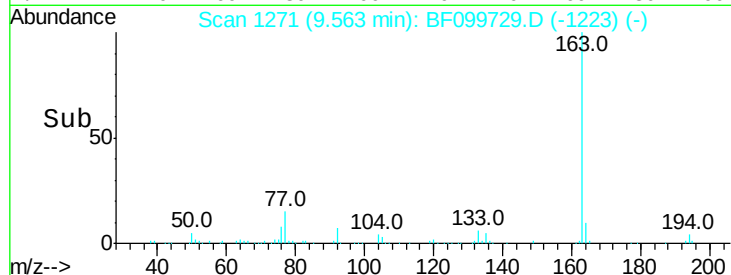
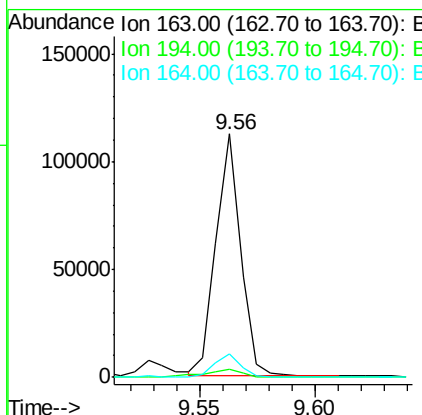
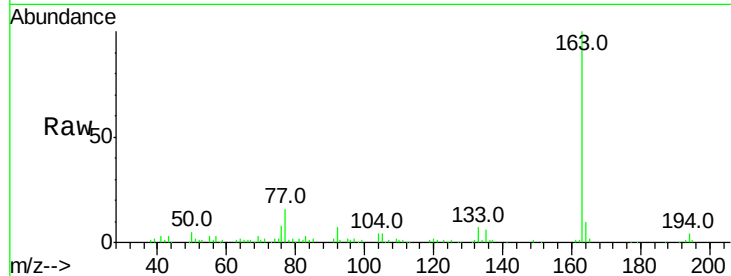
#49
Dimethylphthalate
Concen: 5.561 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	83319		
194	3.6		2.7	4.1
164	9.7		8.2	12.2

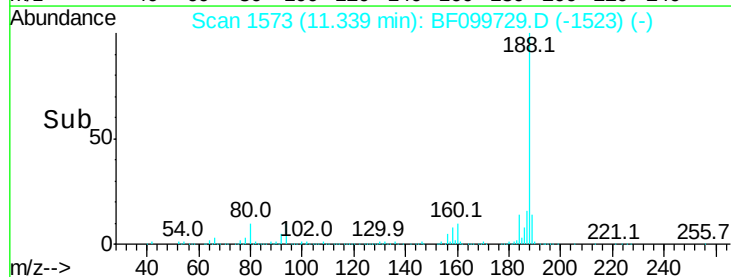
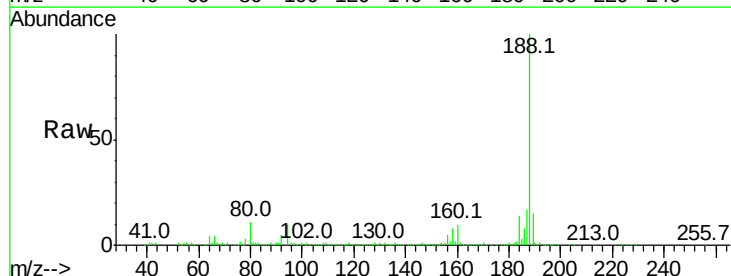
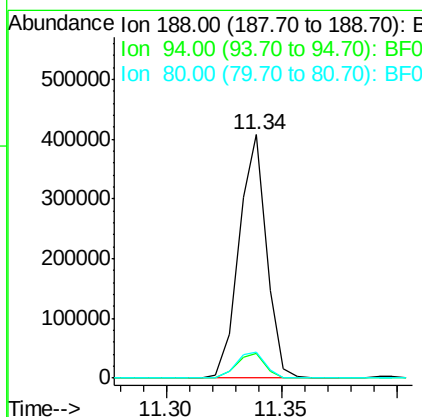
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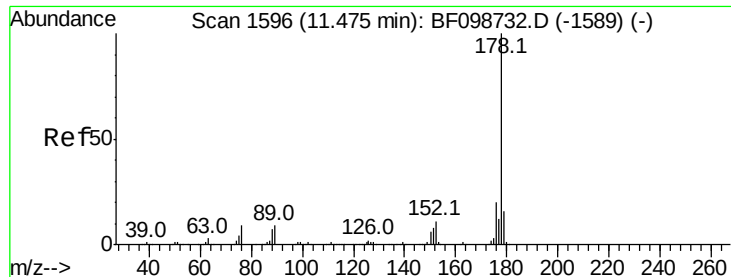
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	337881		
94	9.9		8.5	12.7
80	10.5		9.2	13.8





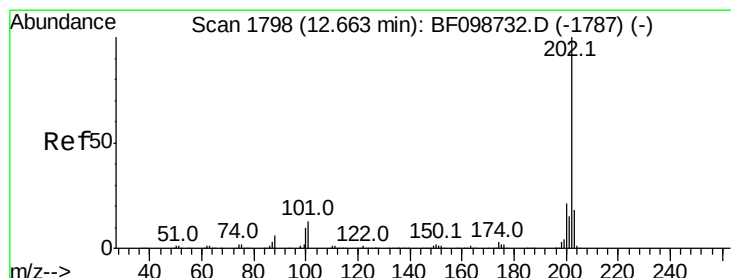
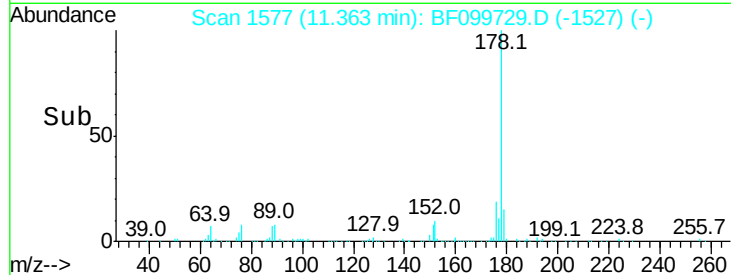
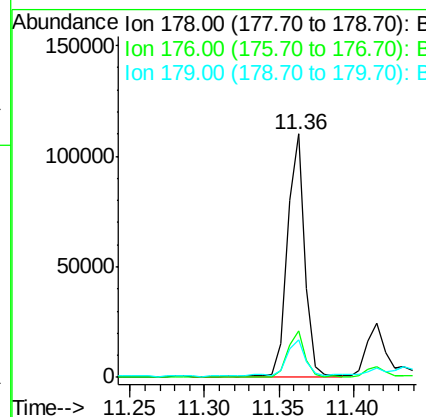
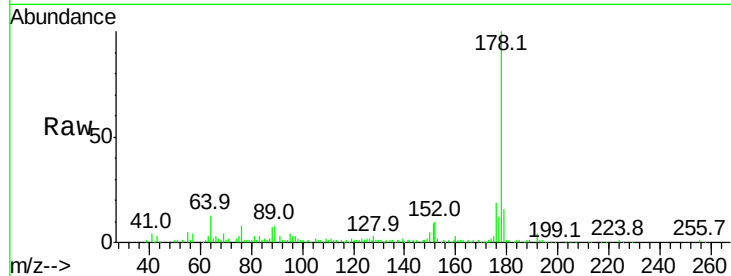
#70
Phenanthrene
Concen: 5.031 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	13.0	19.6

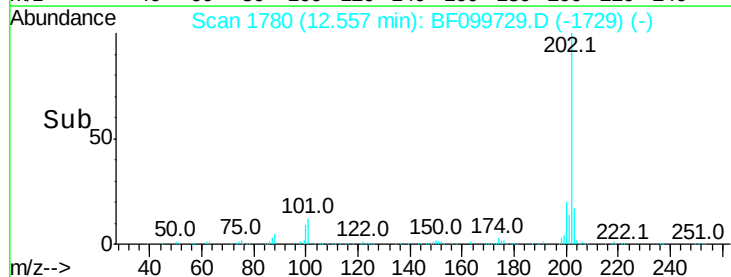
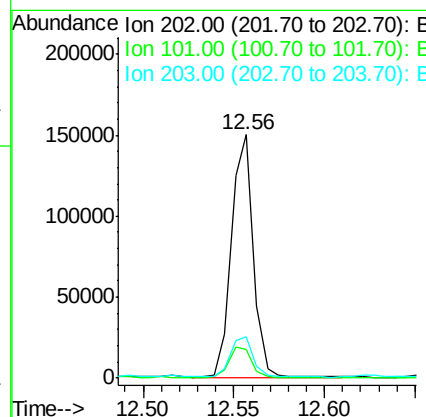
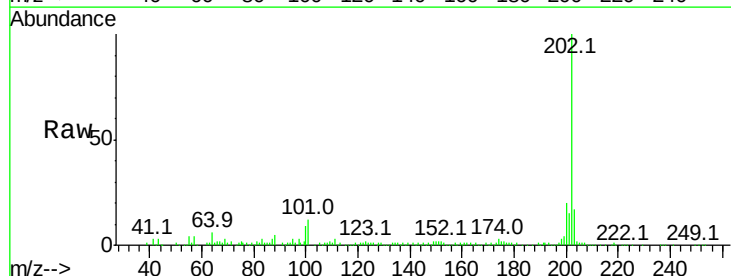
Manual Integrations
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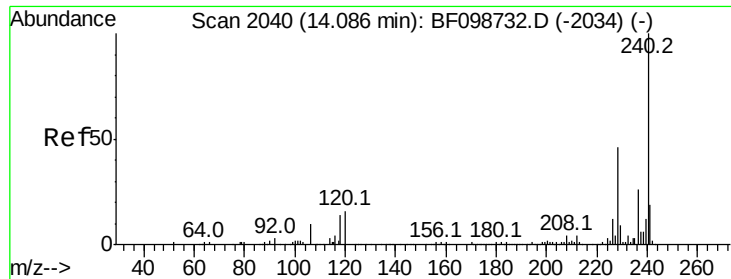
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#74
Fluoranthene
Concen: 6.839 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.9	0.0	38.1





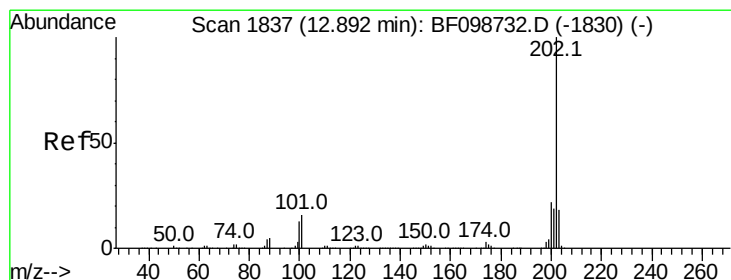
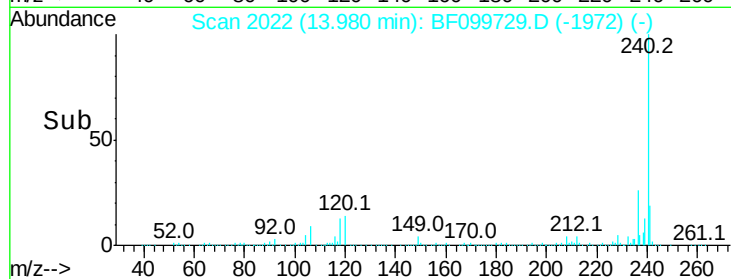
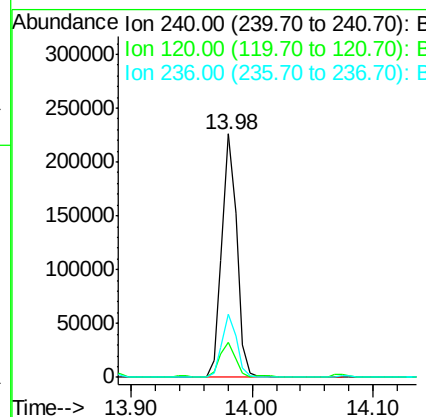
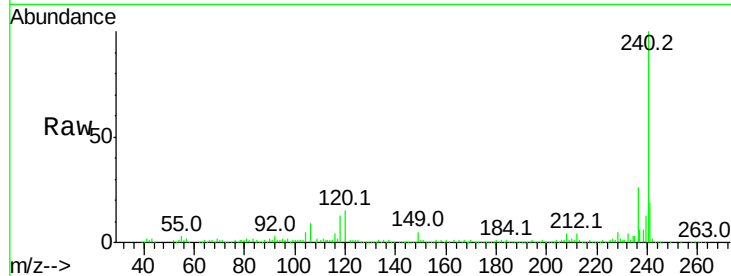
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.6	9.5	14.3	
236	26.1	20.7	31.1	

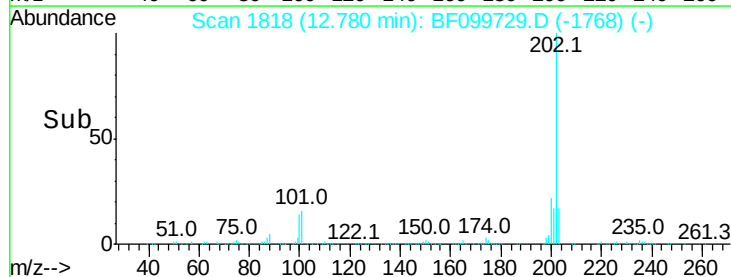
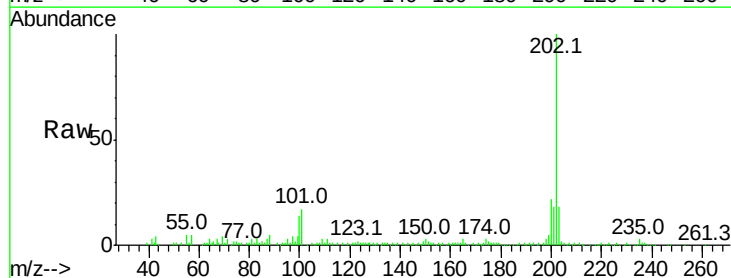
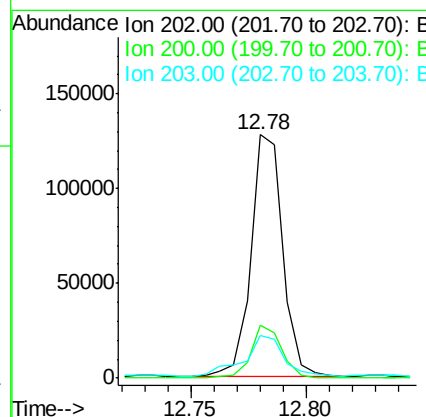
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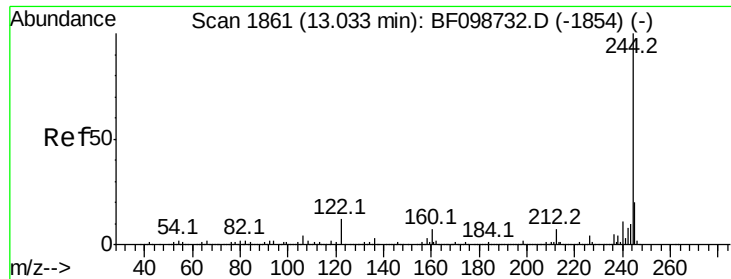
Sohil
10/23/2017 3:31:22 PM



#77
Pyrene
Concen: 8.379 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.5	17.4	26.2	
203	17.6	14.3	21.5	





#78

Terphenyl-d14

Concen: 68.956 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Instrument :

BNA_F

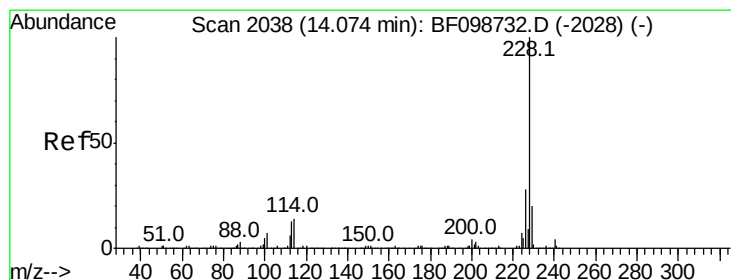
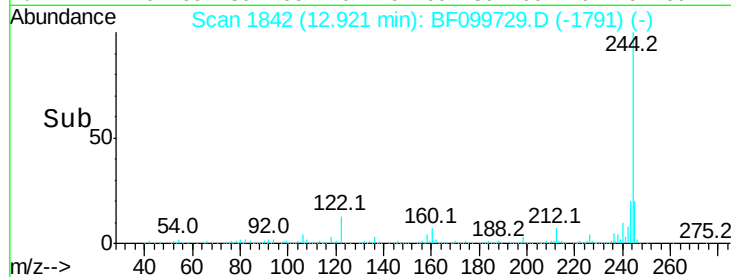
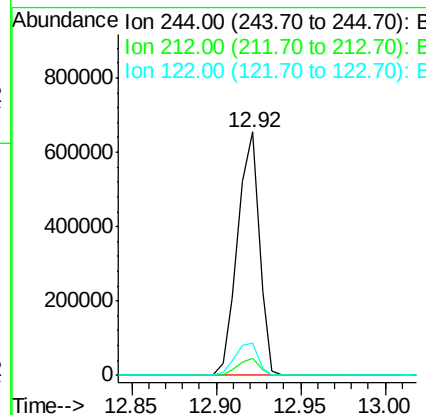
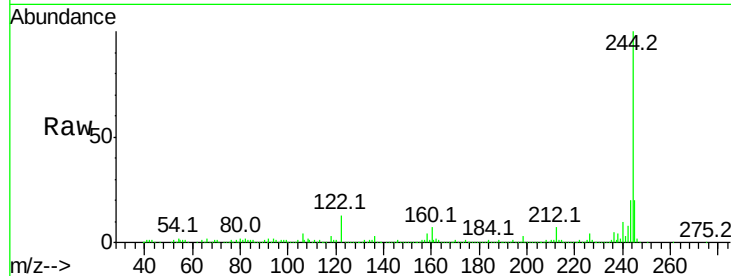
ClientSampleId :

20170722-C-A-COMP1

Tot Ion:	244	Resp:	584575
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.642 ng

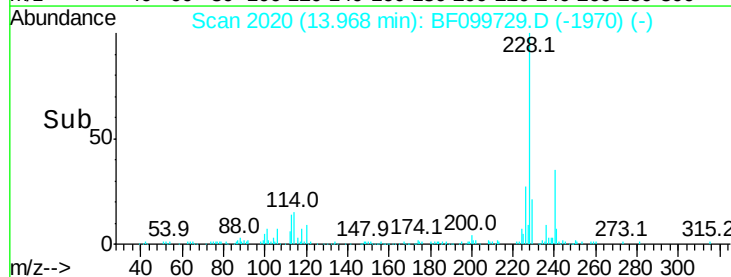
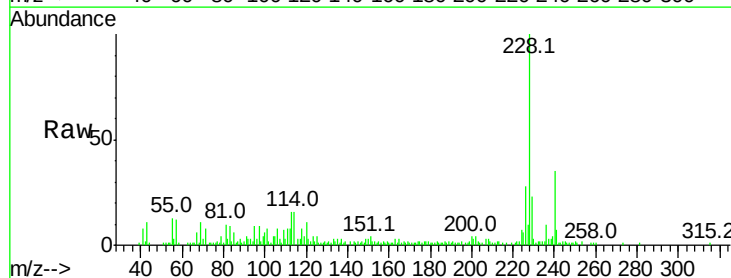
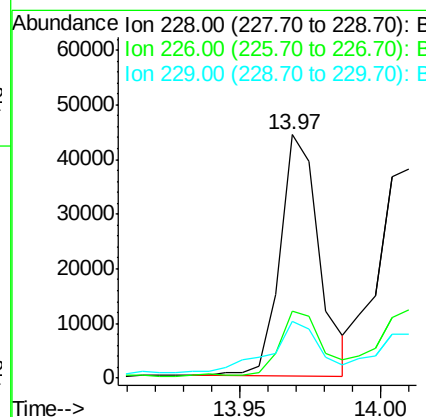
RT: 13.97 min Scan# 2020

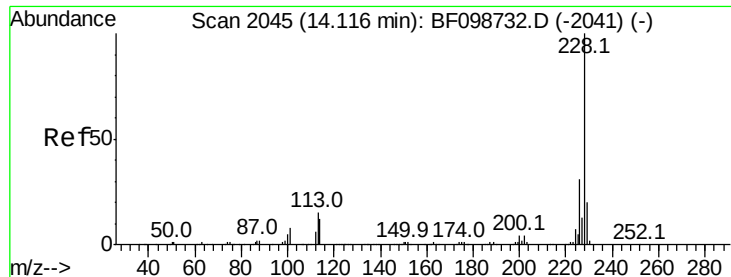
Delta R.T. -0.01 min

Lab File: BF099729.D

Acq: 21 Oct 2017 15:54

Tgt Ion:	228	Resp:	42519
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	23.4	15.8	23.6





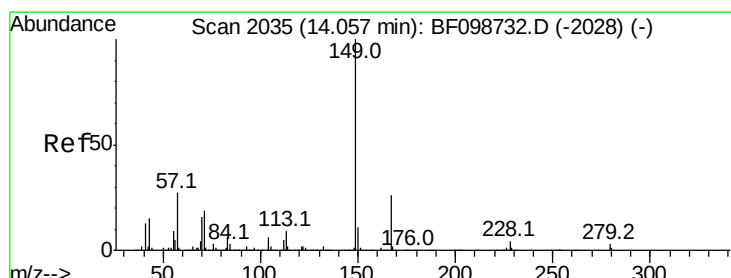
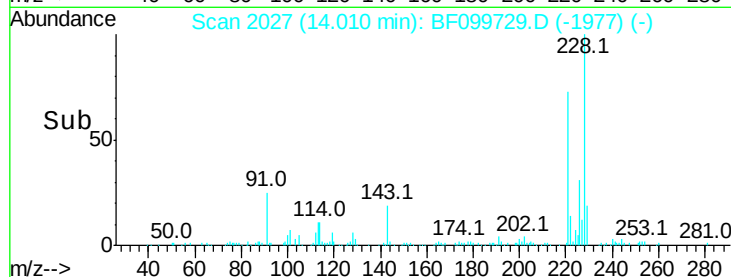
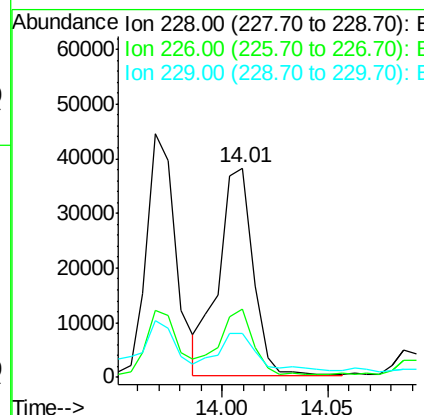
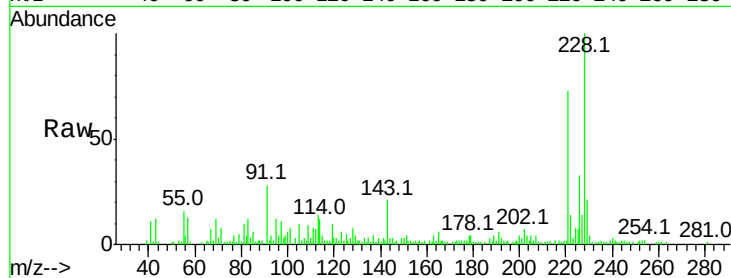
#82
 Chrysene
 Concen: 3.899 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099729.D
 Acq: 21 Oct 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.2	16.2	24.4

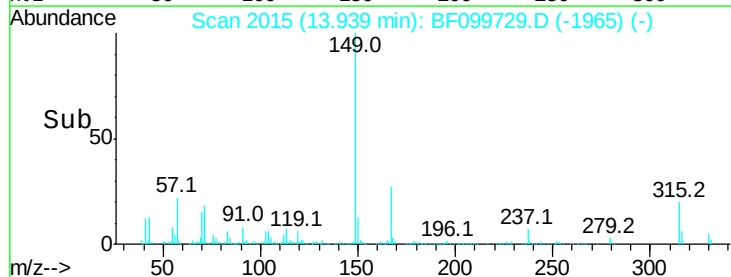
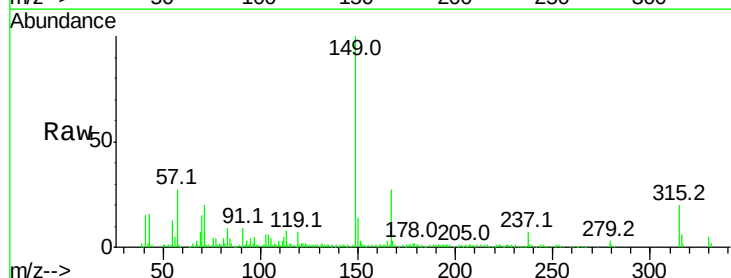
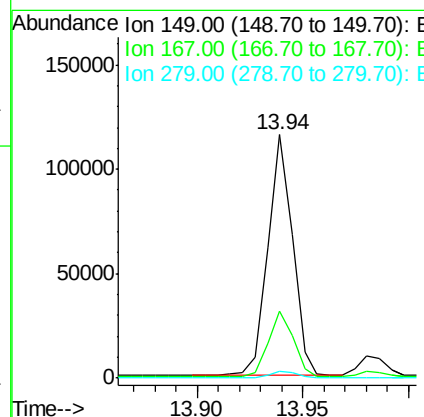
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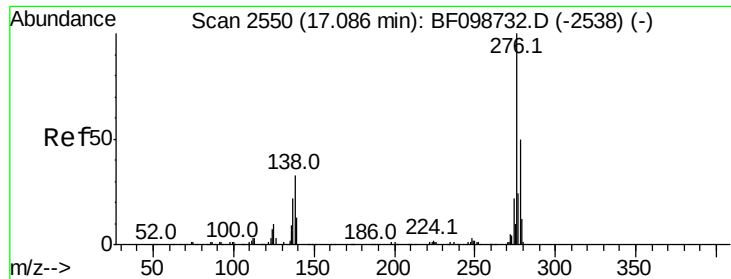
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099729.D
 Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	2.9	3.0	4.4#





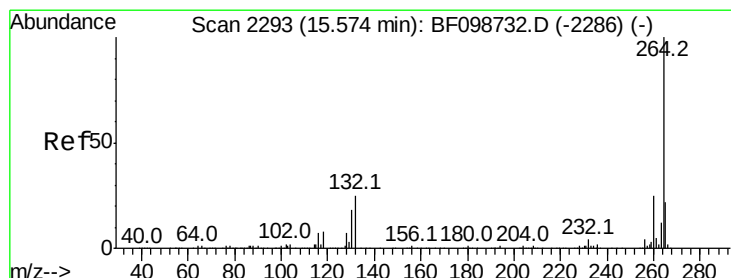
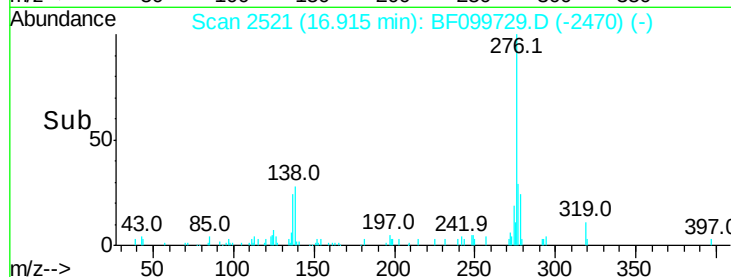
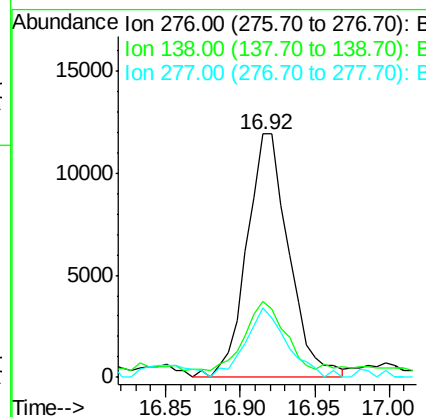
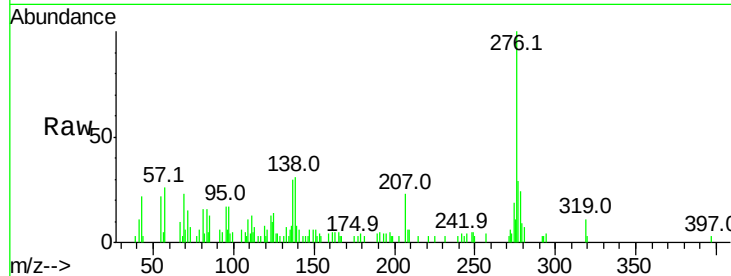
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.614 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	27.9	20.1	30.1

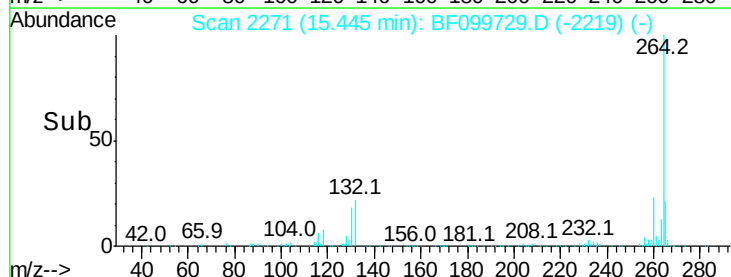
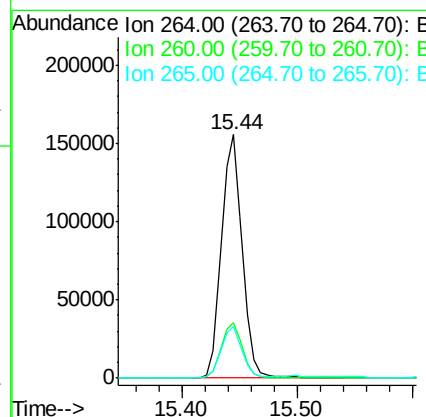
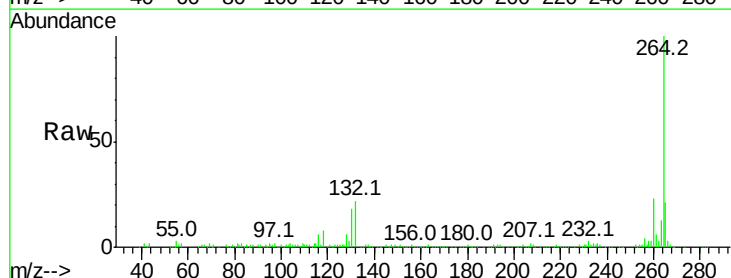
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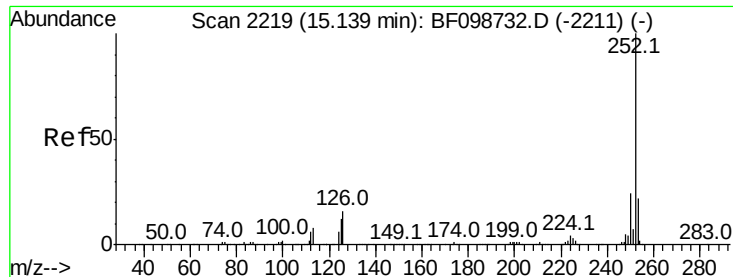
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3





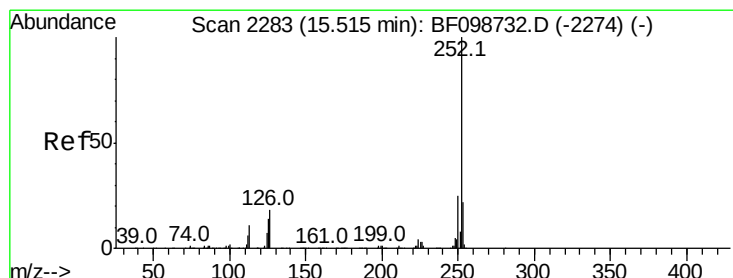
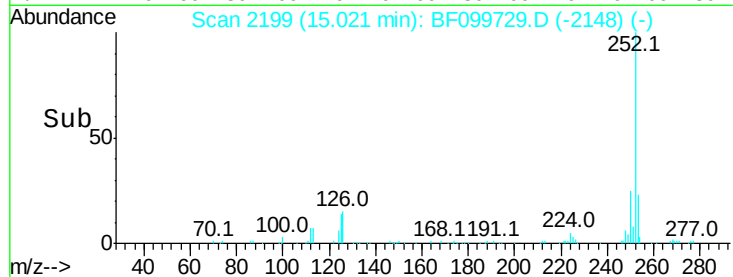
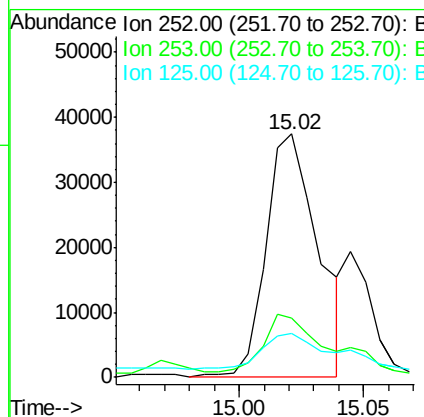
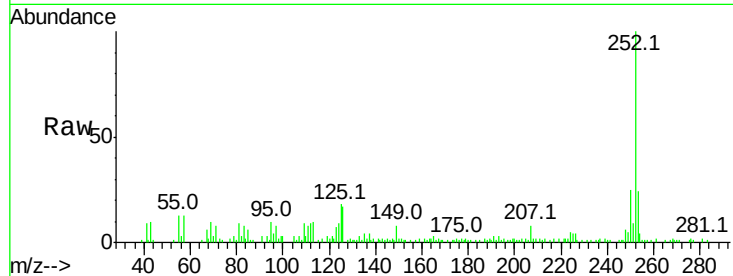
#87
Benzo(b)fluoranthene
Concen: 4.594 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	18.0	9.0	13.6

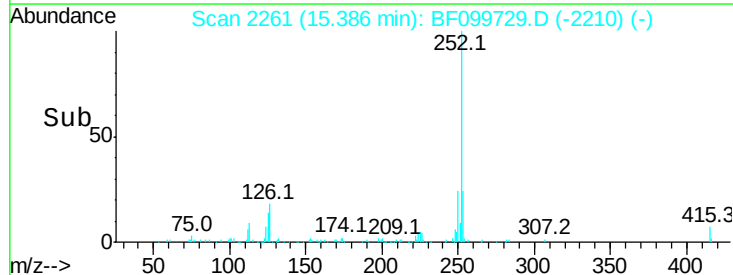
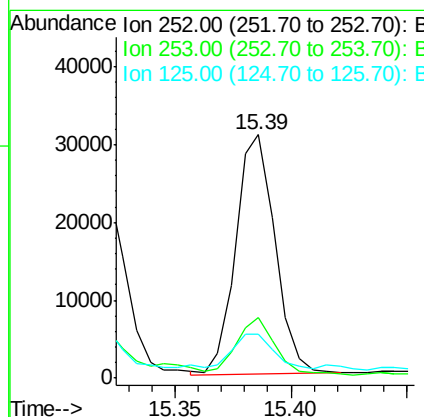
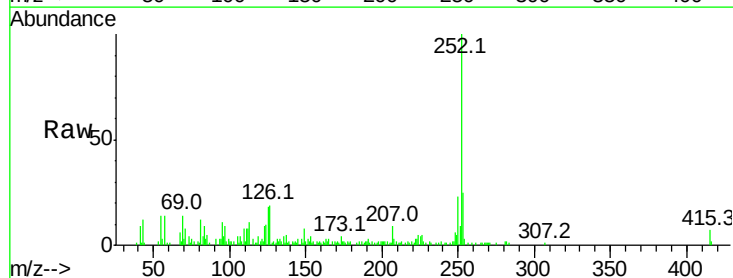
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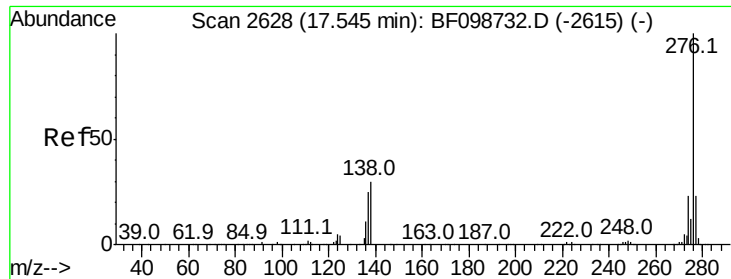
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#89
Benzo(a)pyrene
Concen: 3.339 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF099729.D
Acq: 21 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	18.0	9.8	14.6





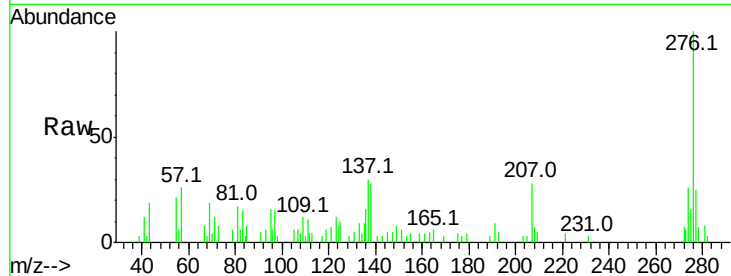
#91
 Benzo(a,h,i)perylene
 Concen: 2.625 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BF099729.D
 Acq: 21 Oct 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	27.7	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

