

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099771.D
 Acq On : 23 Oct 2017 20:54
 Operator : SJ/JU
 Sample : I5950-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1RE

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:41:10 PM

Quant Time: Oct 24 00:20:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116419	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	487708	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	223135	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	347804	20.00	ng	0.00
75) Chrysene-d12	13.98	240	196585	20.00	ng	0.00
86) Perylene-d12	15.44	264	216832	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	54809m	7.39	ng	0.02
7) Phenol-d6	6.45	99	260990	29.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	505553	66.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	16260	8.00	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	913328	63.15	ng	0.00
78) Terphenyl-d14	12.92	244	573581	63.76	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.46	94	34746	3.599	ng	96
31) Naphthalene	8.10	128	59681	2.535	ng	99
49) Dimethylphthalate	9.56	163	98872	5.595	ng	99
70) Phenanthrene	11.36	178	91969	4.686	ng	98
74) Fluoranthene	12.55	202	119512	5.859	ng	97
77) Pyrene	12.78	202	114241	7.642	ng	98
80) Benzo(a)anthracene	13.97	228	46428	3.726	ng	98
82) Chrysene	14.00	228	42339	3.614	ng	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	101955	9.863	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	26743	2.486	ng	97
87) Benzo(b)fluoranthene	15.02	252	61433m	4.487	ng	
89) Benzo(a)pyrene	15.39	252	43209	3.513	ng	# 93
91) Benzo(a,h,i)perylene	17.37	276	26215	2.452	ng	95

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

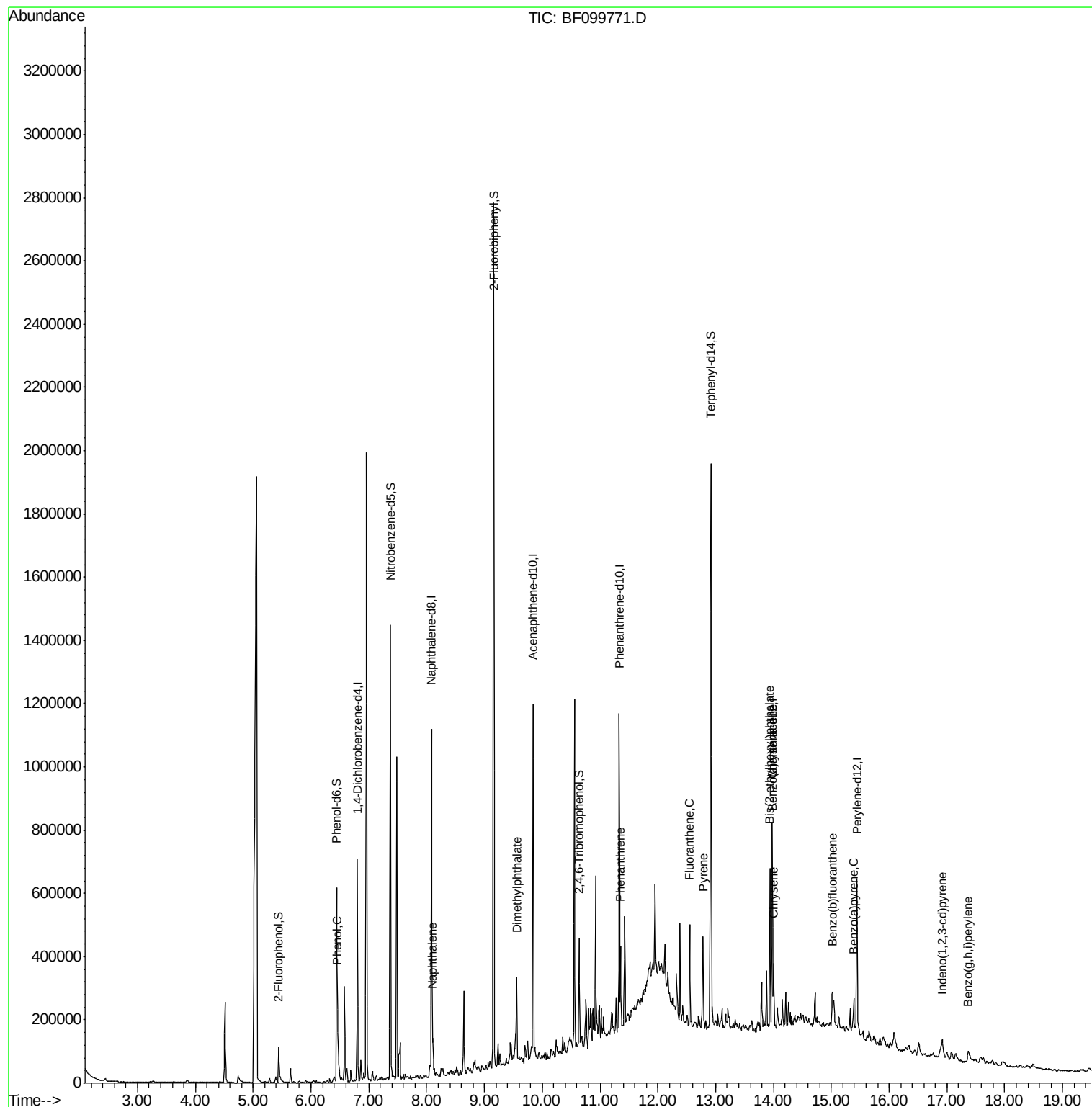
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
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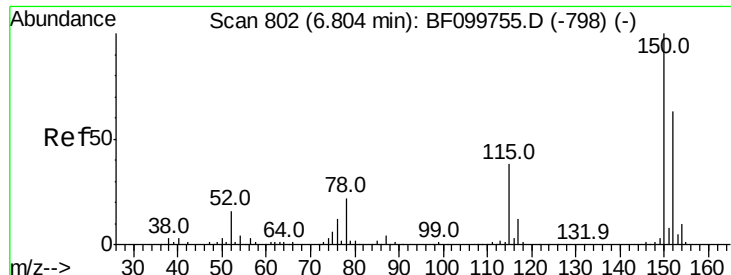
Instrument :
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20170722-C-A-COMP1RE

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Quant Time: Oct 24 00:20:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

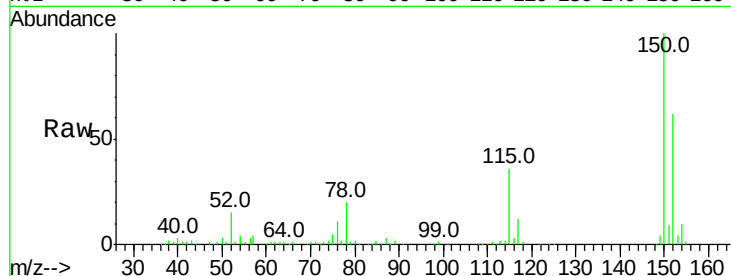
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	58.0	50.1	75.1

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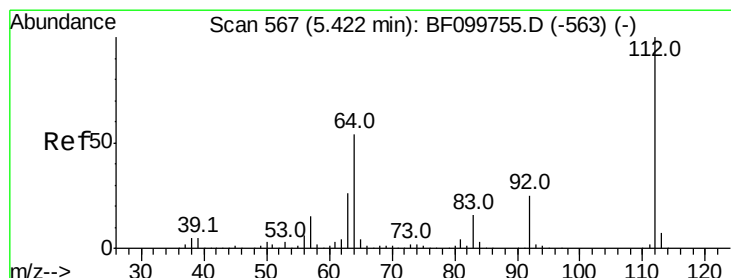
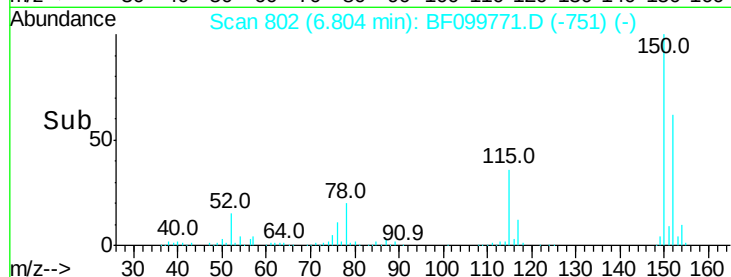
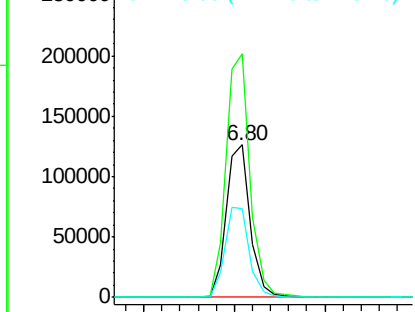


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

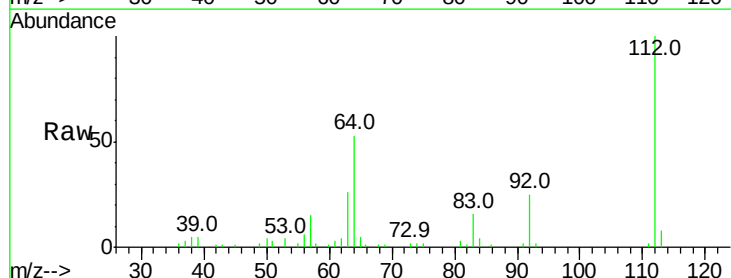
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.391 ng m
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	25.9	23.7	35.5

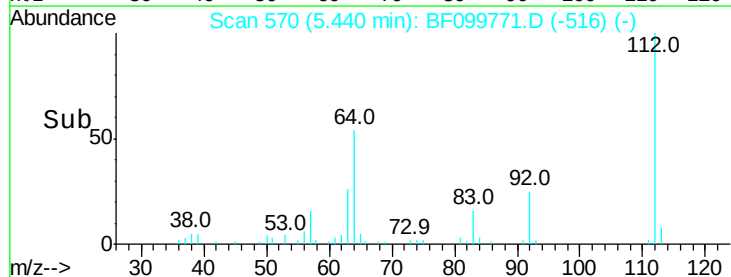
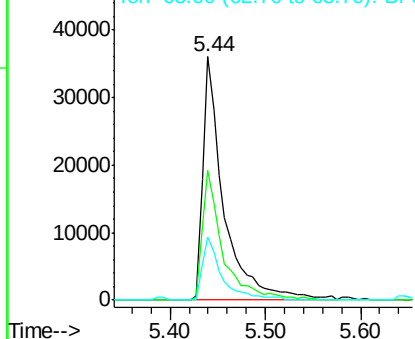


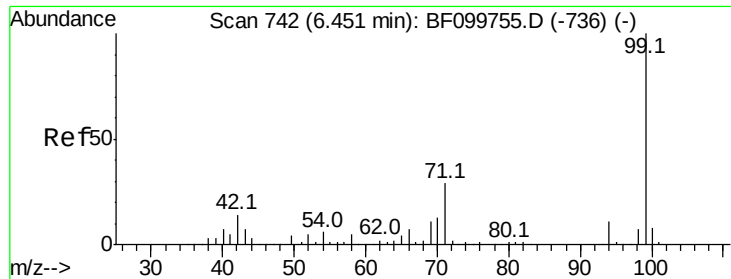
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.683 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

20170722-C-A-COMP1RE

Tot Ion: 99 Resp: 260990

Ion Ratio Lower Upper

99 100

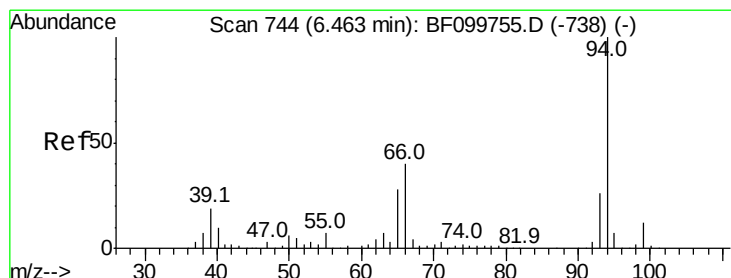
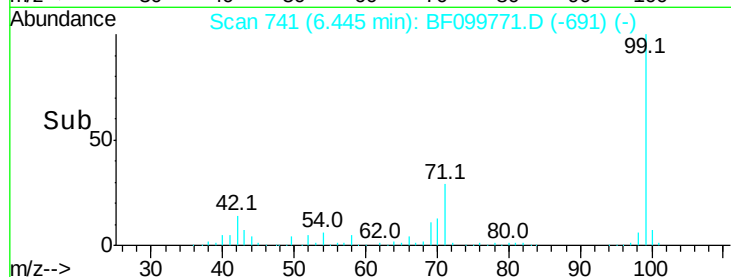
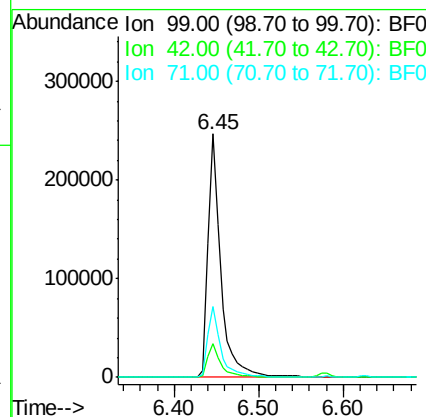
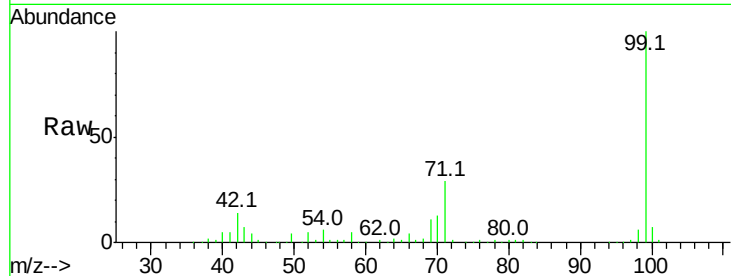
42 13.7 14.5 21.7#

71 29.2 25.4 38.0

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#10

Phenol

Concen: 3.599 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

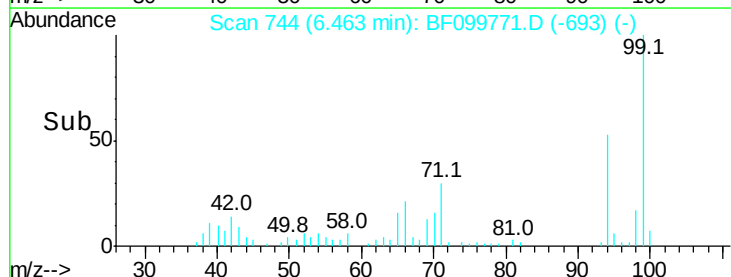
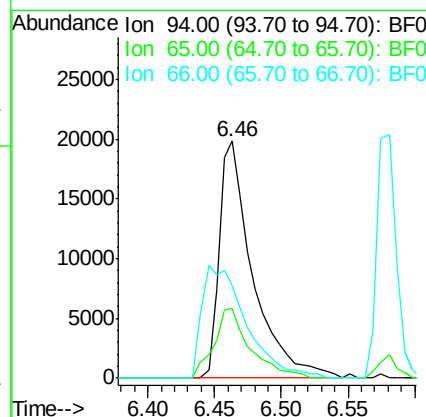
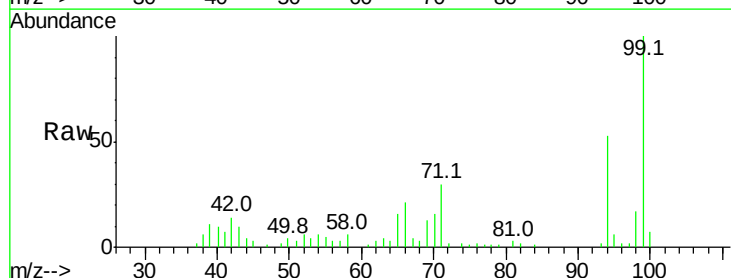
Tgt Ion: 94 Resp: 34746

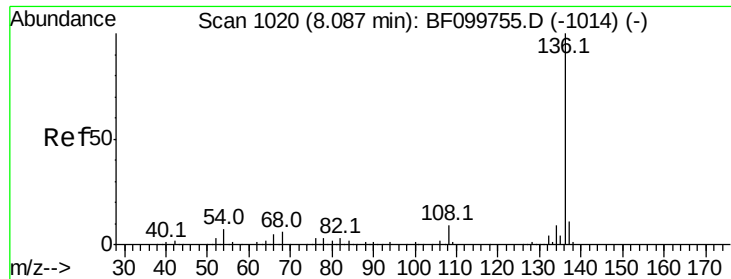
Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

66 39.0 16.2 56.2





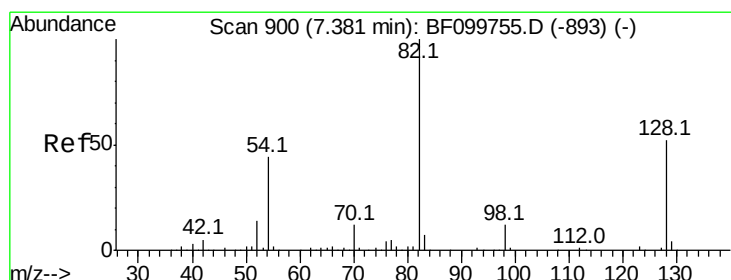
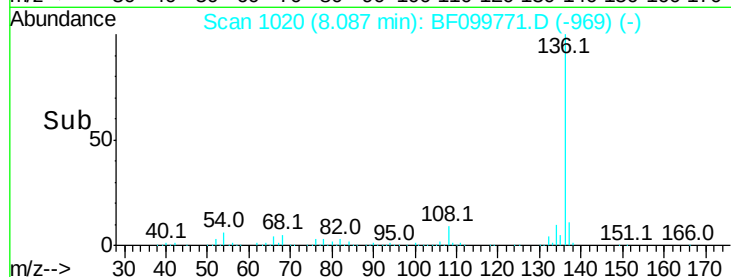
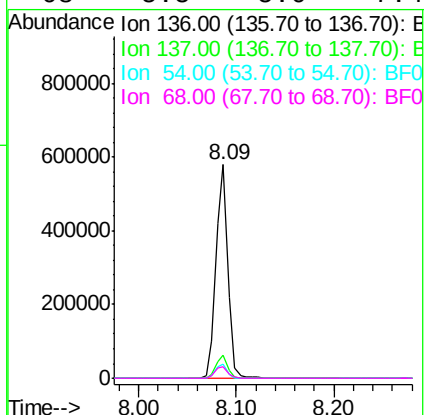
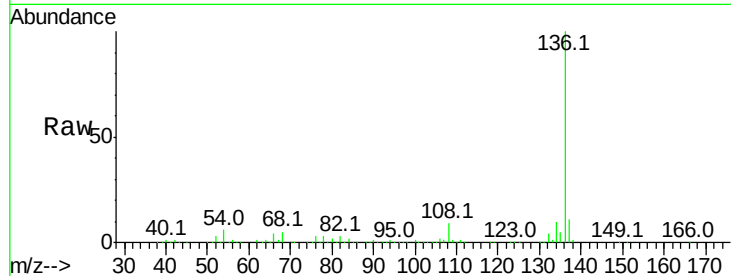
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.4	6.6	9.8	
68	5.5	5.0	7.4	

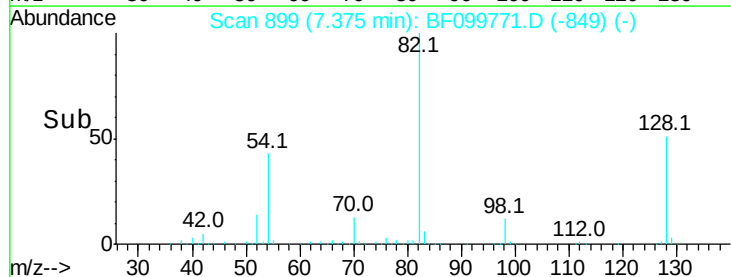
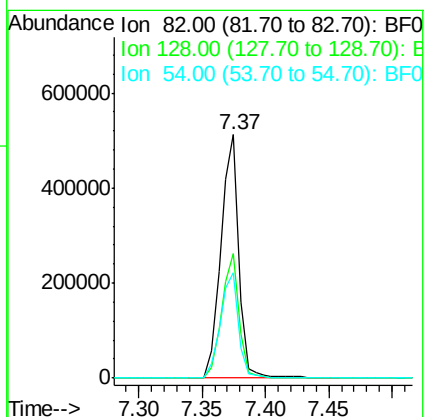
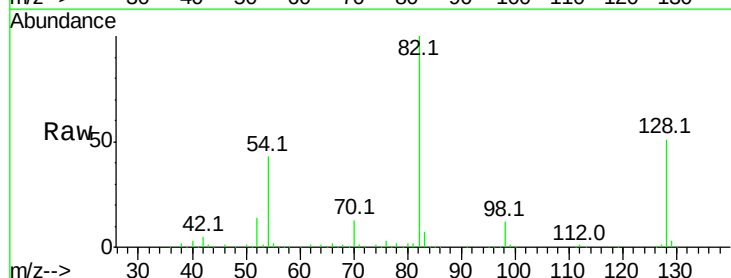
Manual Integrations
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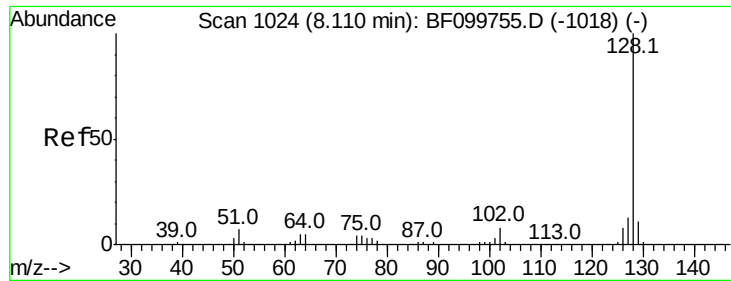
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#23
Nitrobenzene-d5
Concen: 66.736 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.3	36.1	54.1	
54	43.4	41.4	62.2	





#31

Naphthalene

Concen: 2.535 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Instrument :

BNA_F

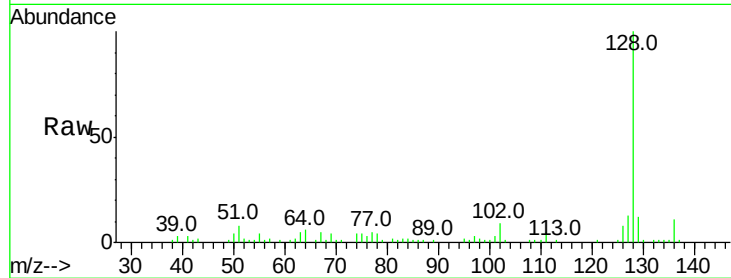
ClientSampleId :

20170722-C-A-COMP1RE

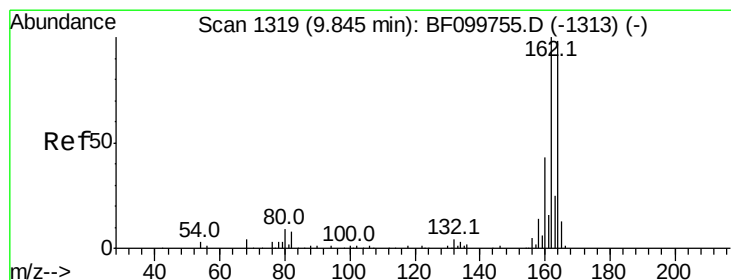
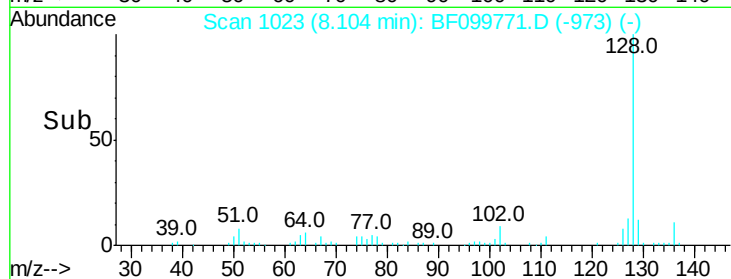
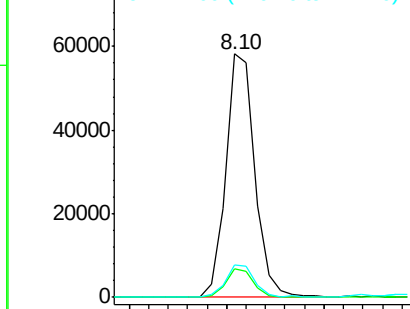
Tot Ion:	128	Resp:	59681
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.3	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

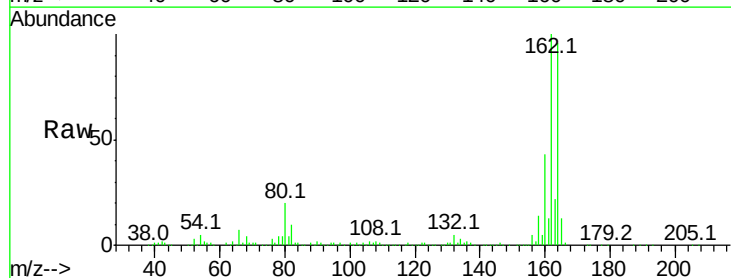
RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

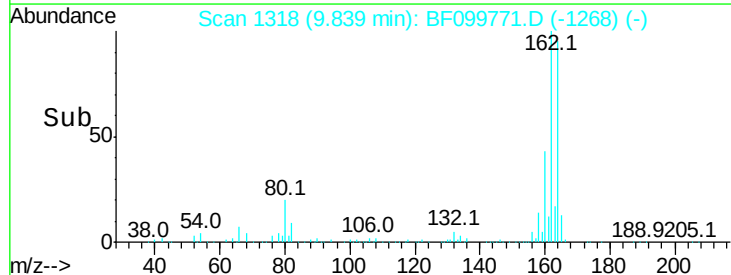
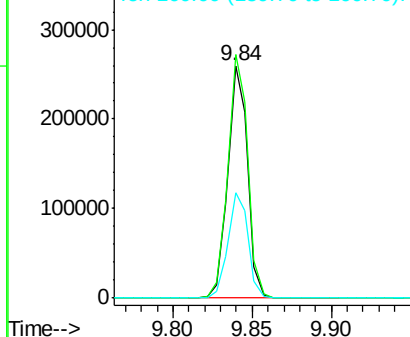
Lab File: BF099771.D

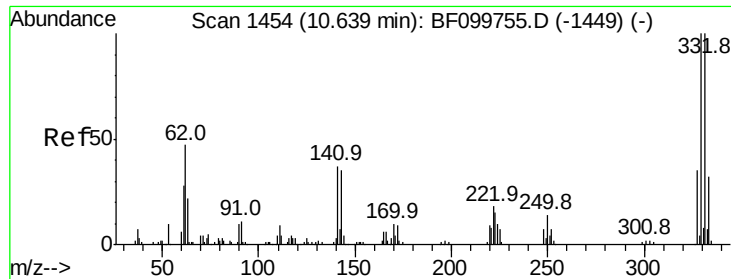
Acq: 23 Oct 2017 20:54

Tgt Ion:	164	Resp:	223135
Ion Ratio	Lower	Upper	
164	100		
162	104.6	86.1	129.1
160	45.1	38.3	57.5



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: 7.996 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Instrument :

BNA_F

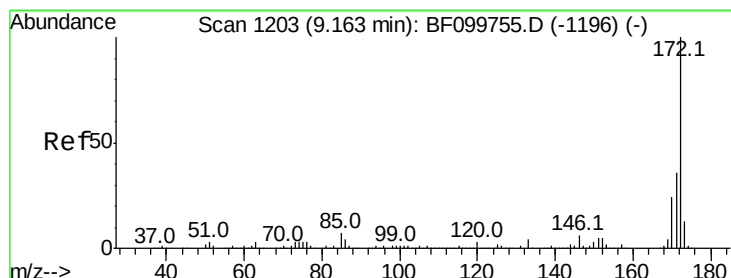
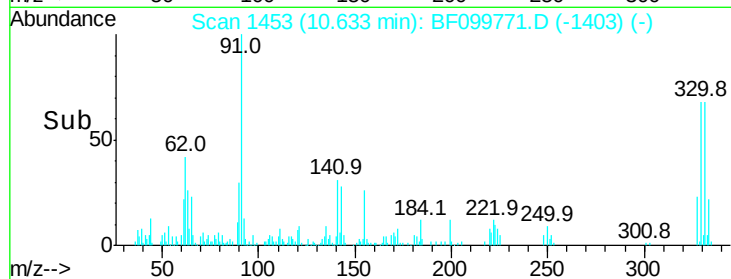
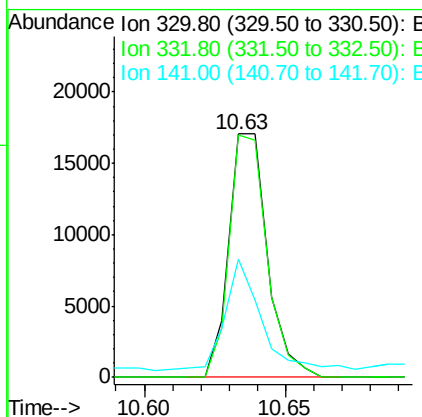
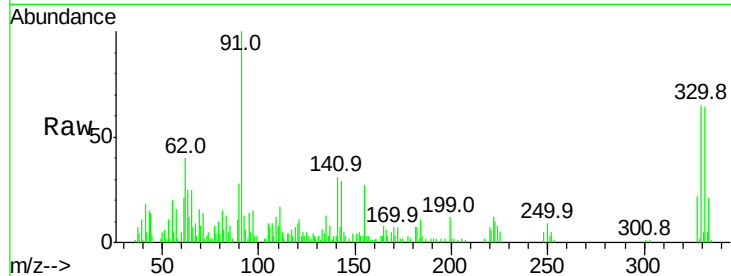
ClientSampleId :

20170722-C-A-COMP1RE

Tot Ion:	330	Resp:	16260
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	44.2	29.9	44.9

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 63.151 ng

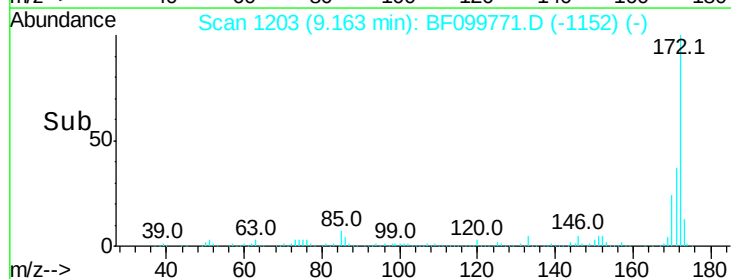
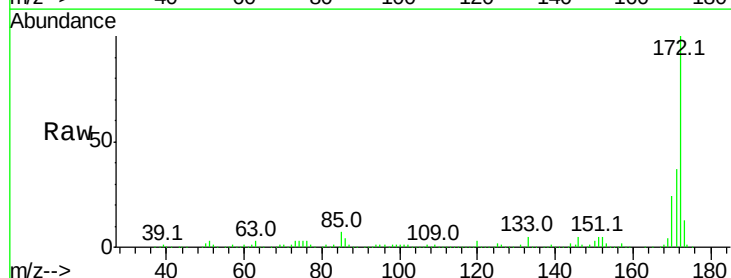
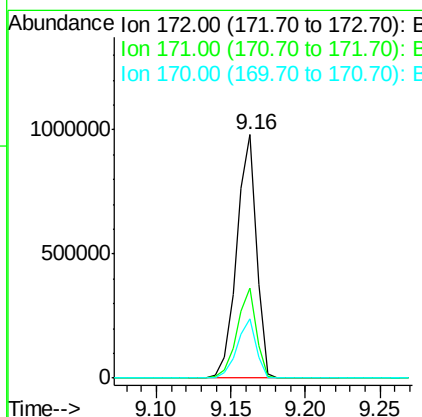
RT: 9.16 min Scan# 1203

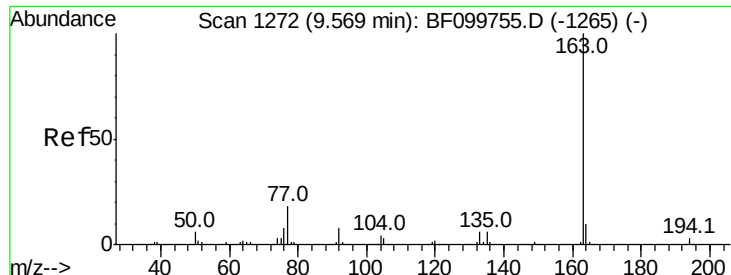
Delta R.T. 0.00 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Tgt Ion:	172	Resp:	913328
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4





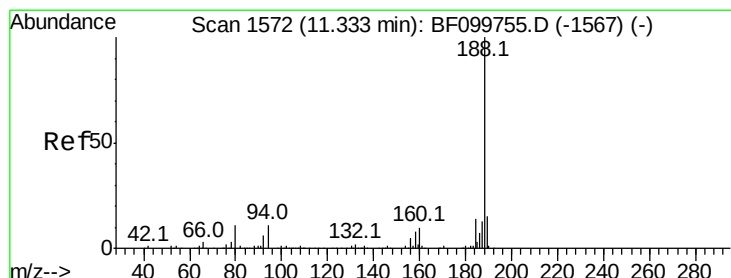
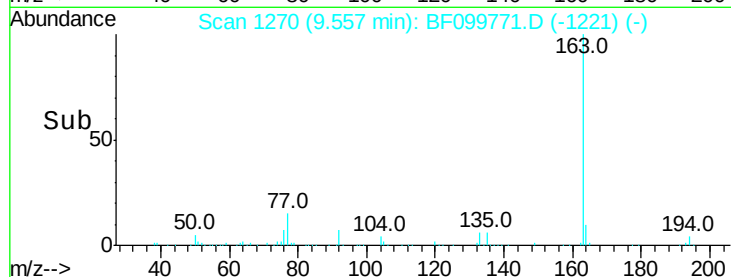
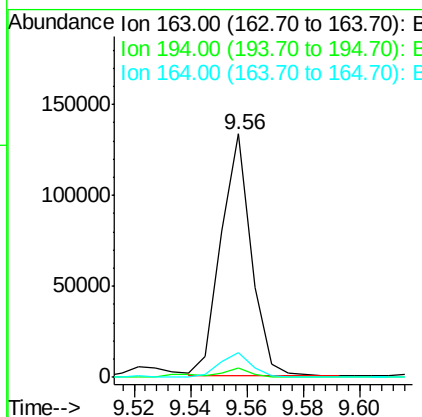
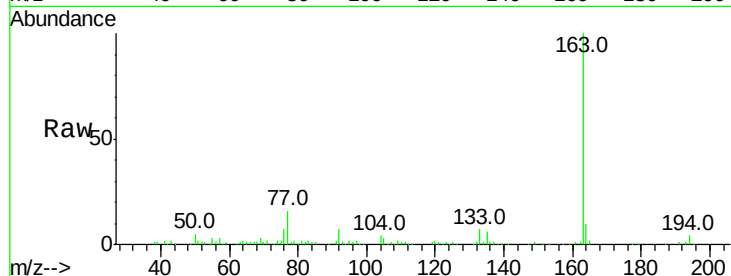
#49
Dimethylphthalate
Concen: 5.595 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	98872		
194	3.9		2.7	4.1
164	10.0		8.2	12.2

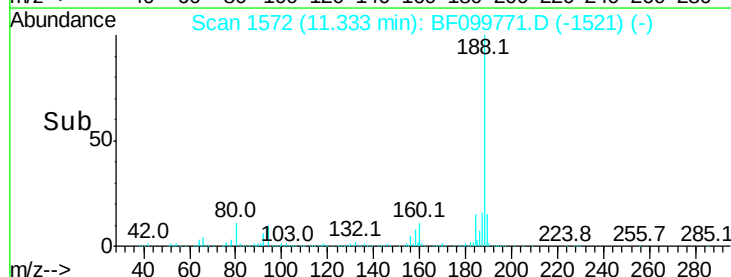
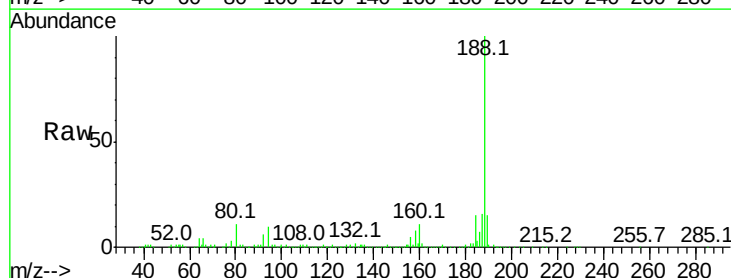
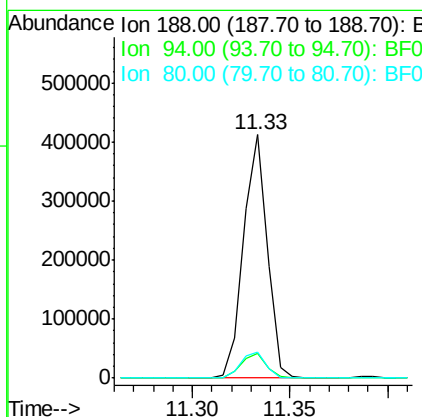
Manual Integrations
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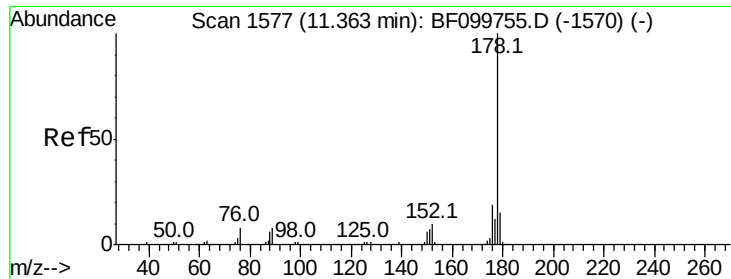
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	347804		
94	10.4		8.5	12.7
80	10.8		9.2	13.8





#70

Phenanthrene

Concen: 4.686 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Instrument :

BNA_F

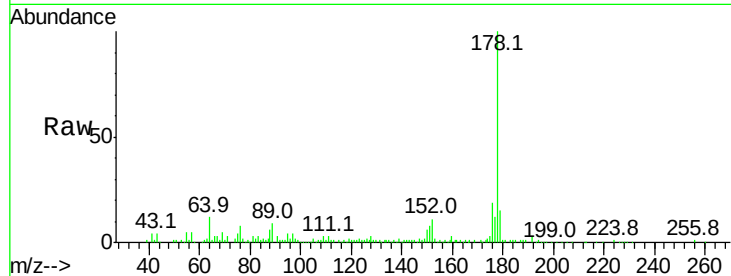
ClientSampleId :

20170722-C-A-COMP1RE

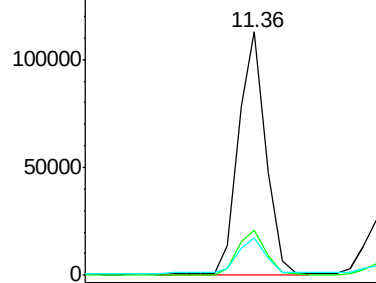
Tot Ion:	178	Resp:	91969
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.3	13.0	19.6

Manual Integrations
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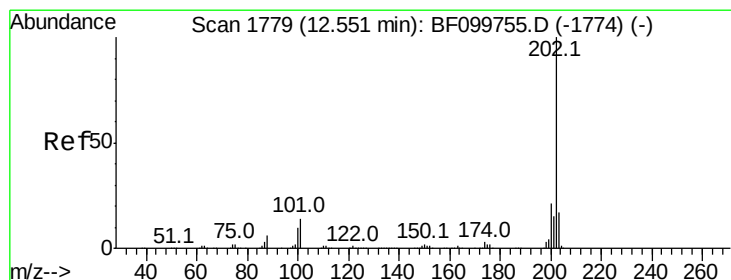
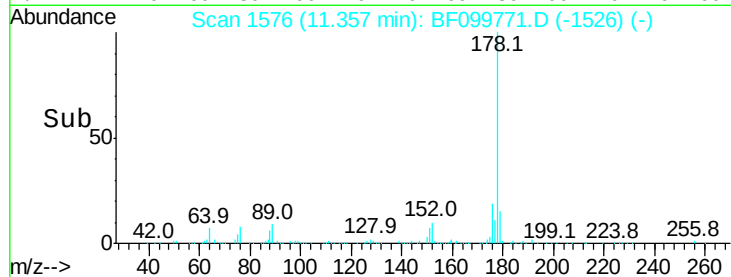
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 5.859 ng

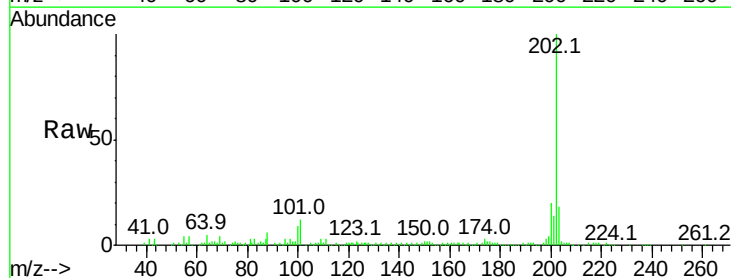
RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

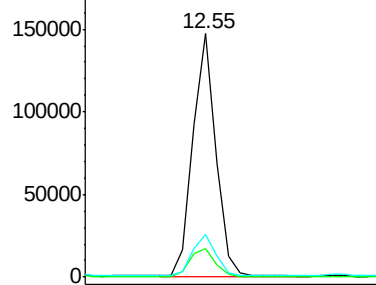
Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

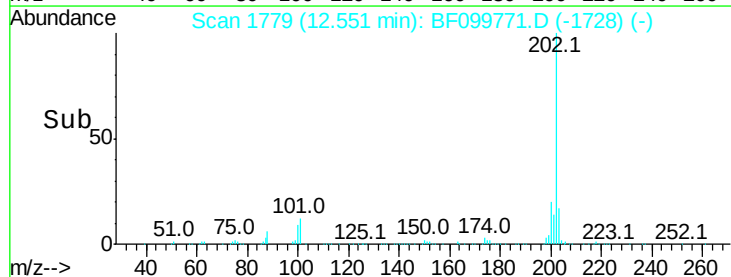
Tgt Ion:	202	Resp:	119512
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.6	0.0	38.1

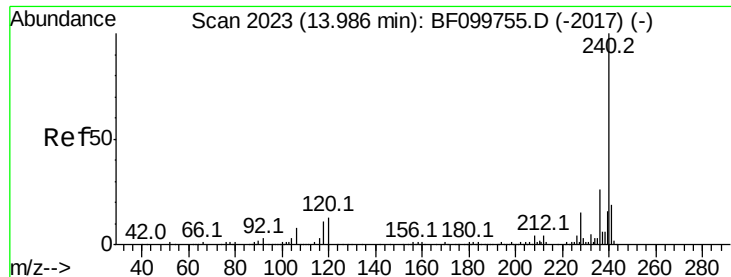


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Instrument :

BNA_F

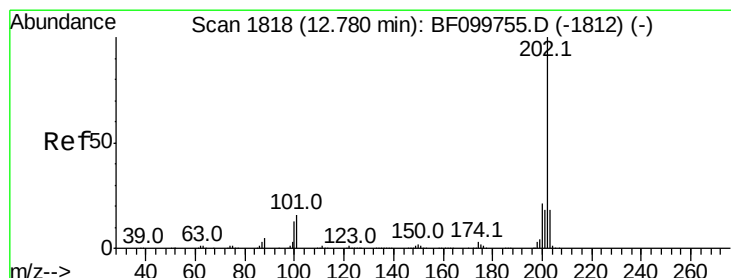
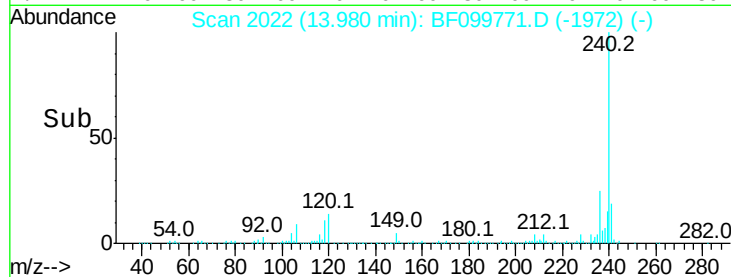
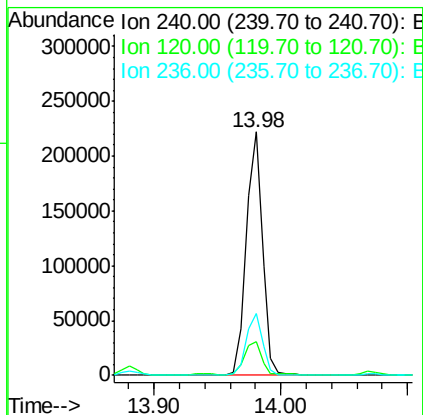
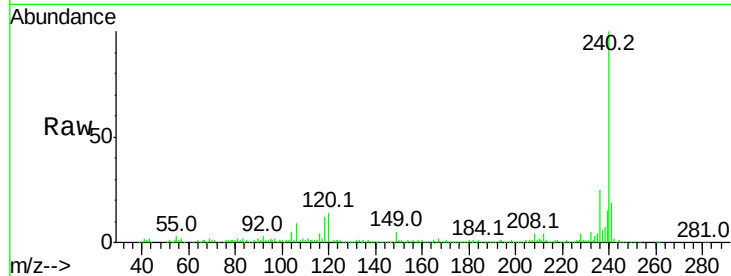
ClientSampleId :

20170722-C-A-COMP1RE

Tot Ion:	240	Resp:	196585
Ion Ratio		Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.2	20.7	31.1

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#77

Pyrene

Concen: 7.642 ng

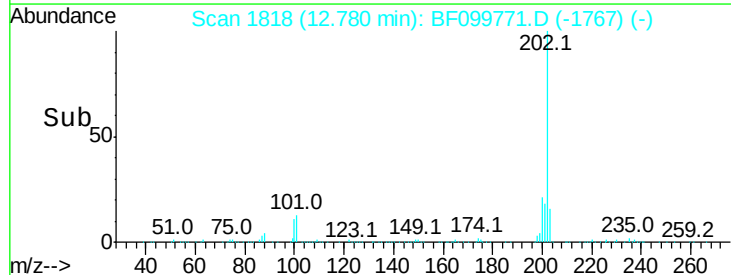
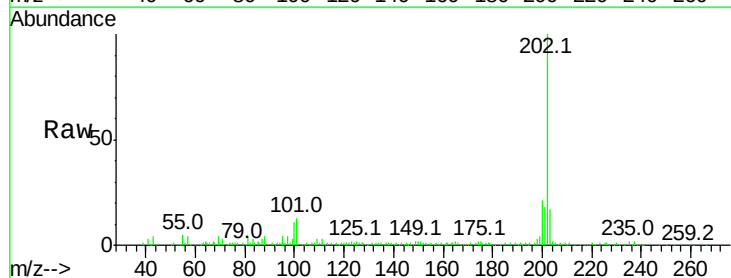
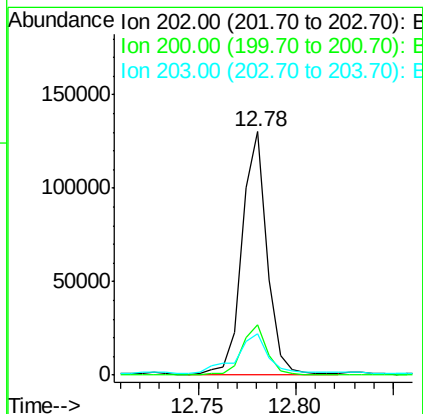
RT: 12.78 min Scan# 1818

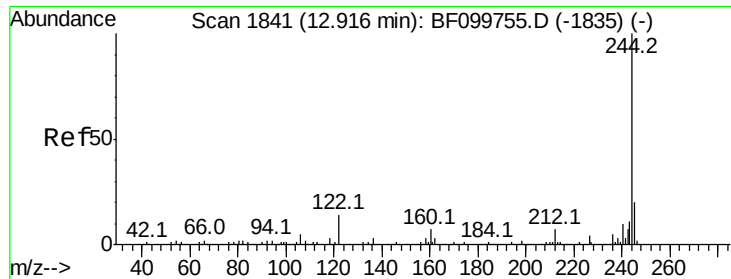
Delta R.T. -0.00 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Tgt Ion:	202	Resp:	114241
Ion Ratio		Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.0	14.3	21.5





#78

Terphenyl-d14

Concen: 63.763 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Instrument :

BNA_F

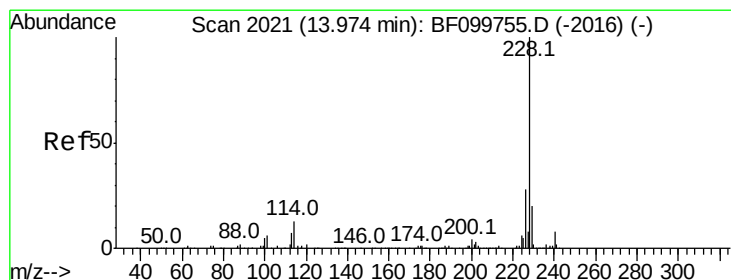
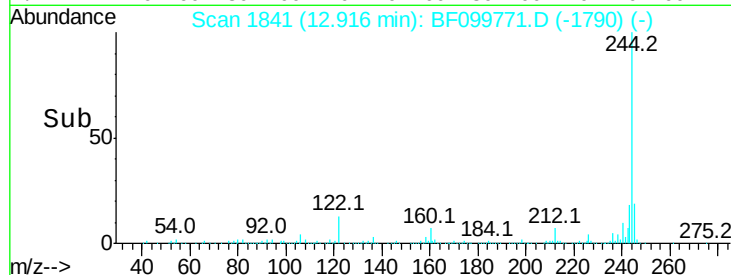
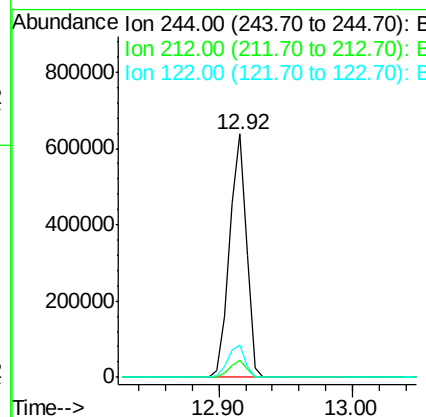
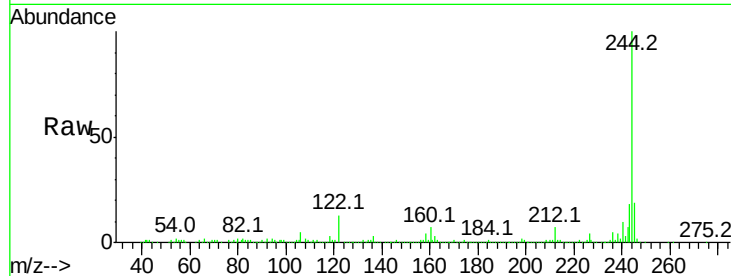
ClientSampleId :

20170722-C-A-COMP1RE

Tot Ion:	244	Resp:	573581
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.726 ng

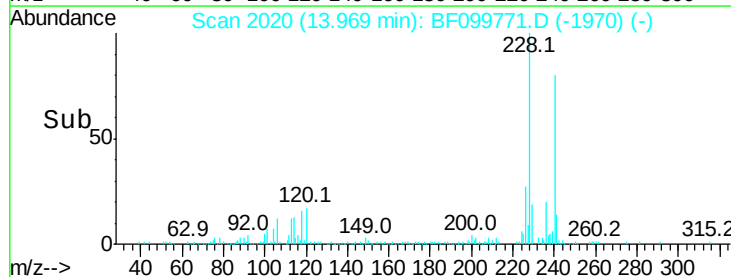
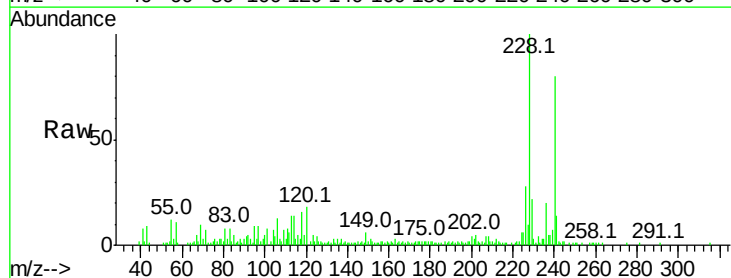
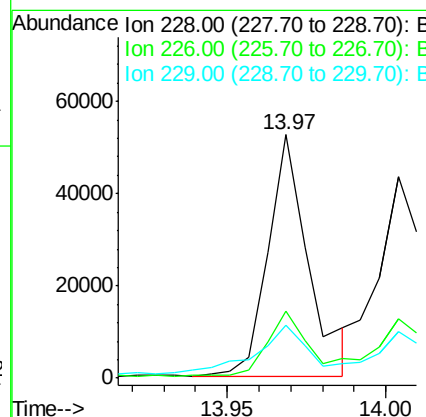
RT: 13.97 min Scan# 2020

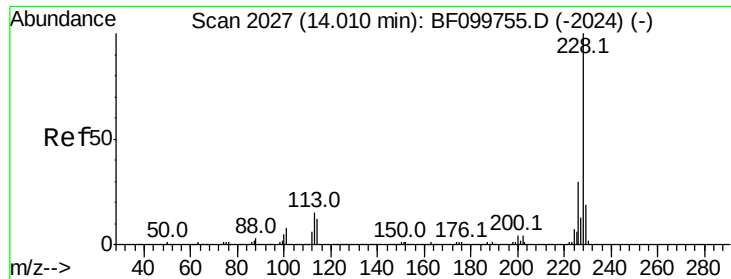
Delta R.T. -0.01 min

Lab File: BF099771.D

Acq: 23 Oct 2017 20:54

Tgt Ion:	228	Resp:	46428
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	21.6	15.8	23.6





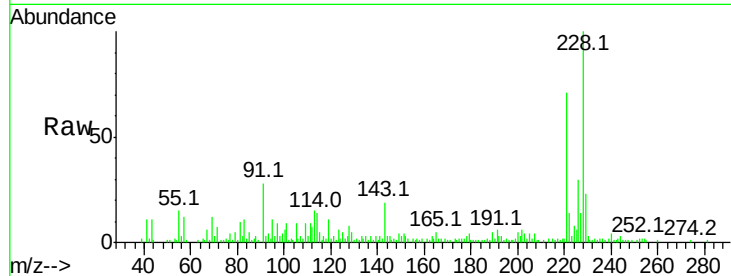
#82
Chrysene
Concen: 3.614 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1RE

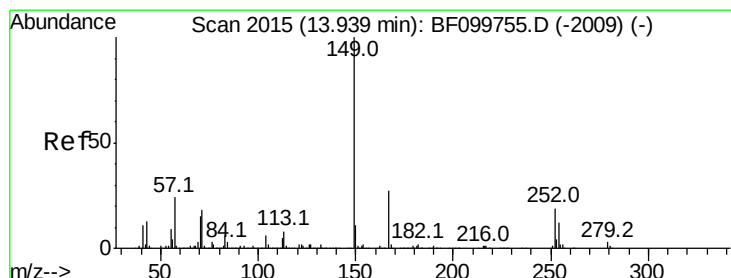
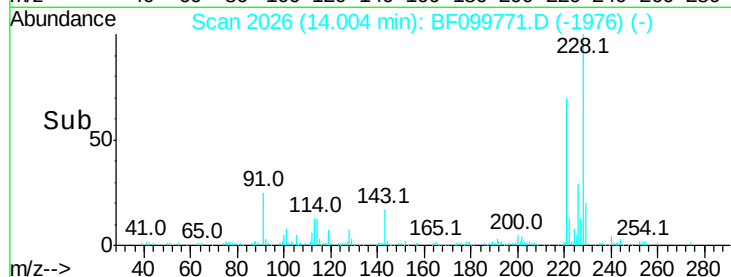
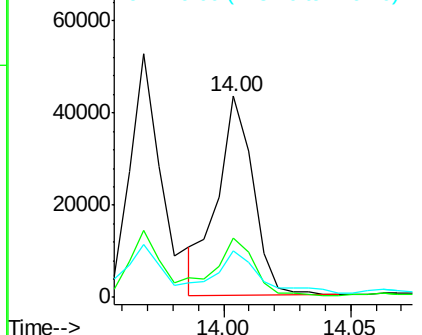
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	23.0	16.2	24.4

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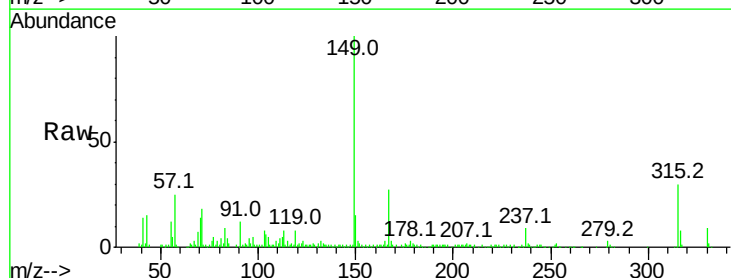


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

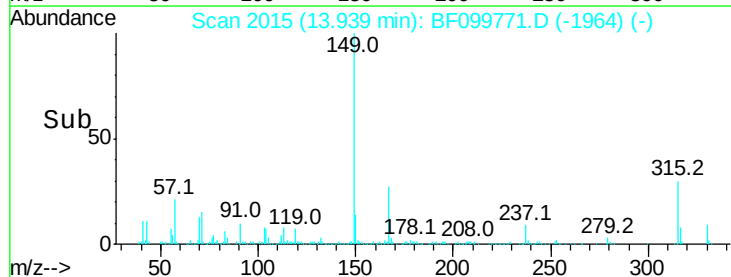
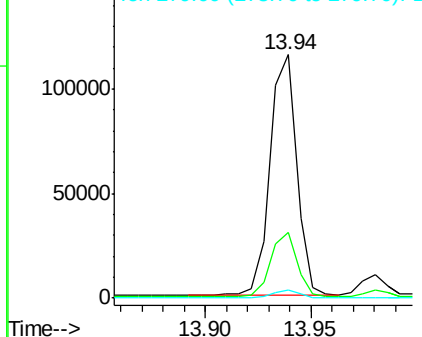


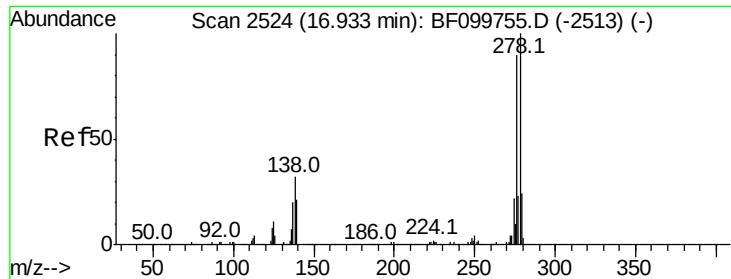
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.863 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.4	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





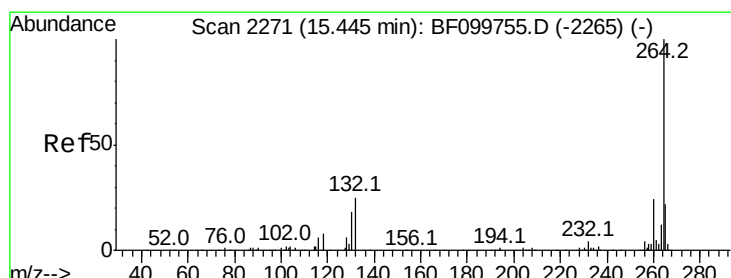
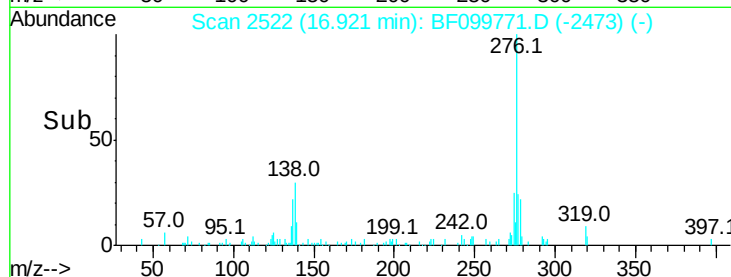
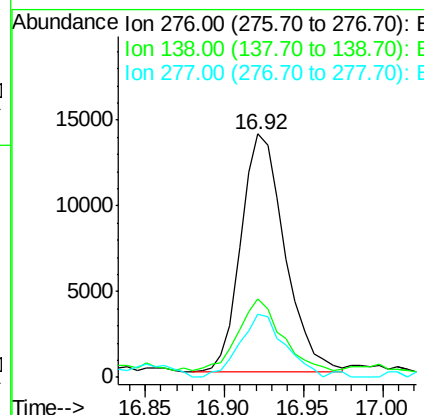
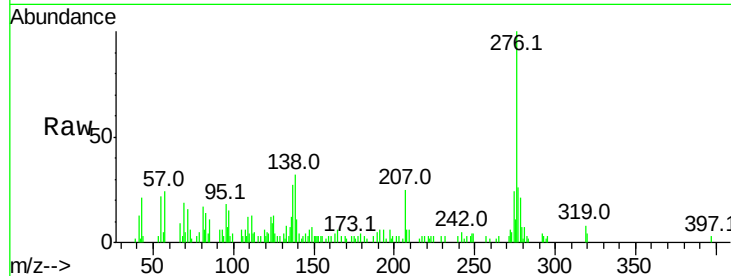
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.486 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF099771.D
 Acq: 23 Oct 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.0	37.6
277	27.0	20.1	30.1

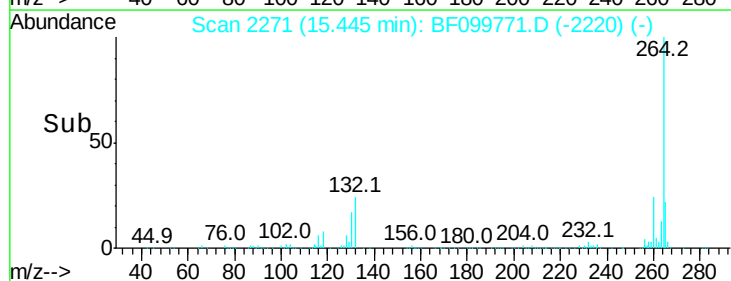
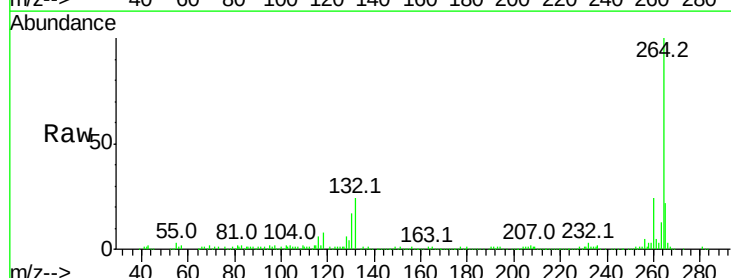
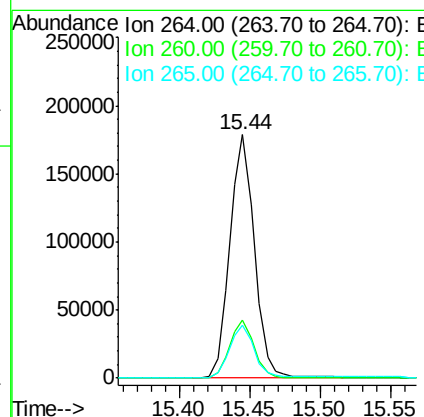
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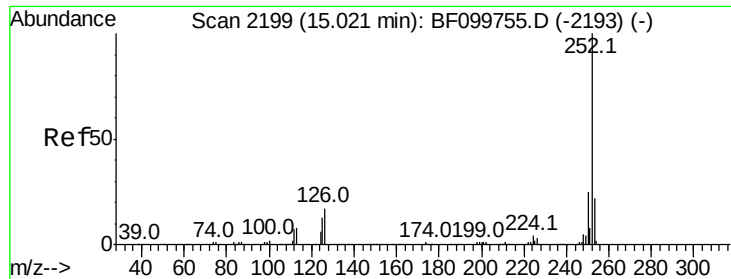
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099771.D
 Acq: 23 Oct 2017 20:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3





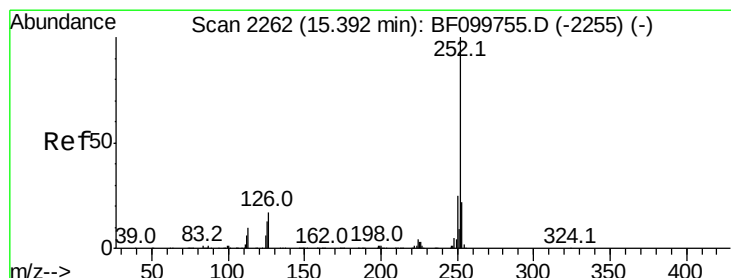
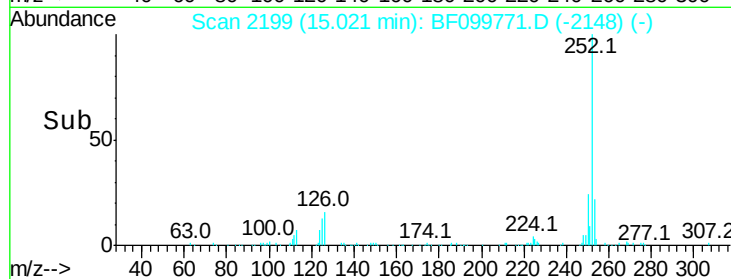
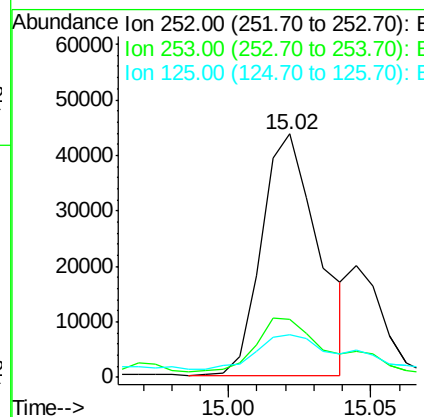
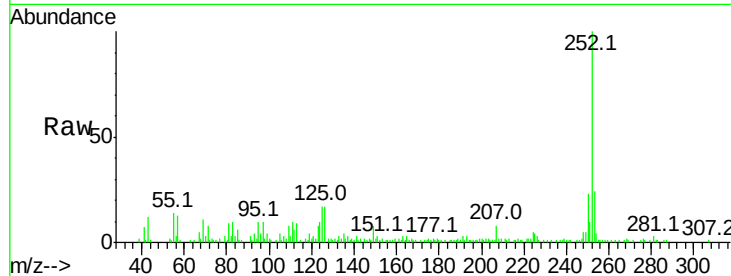
#87
Benzo(b)fluoranthene
Concen: 4.487 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	17.3	9.0	13.6

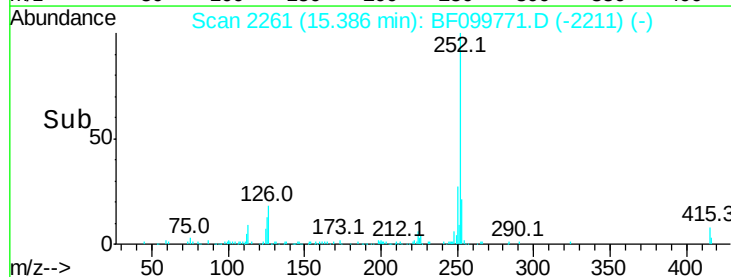
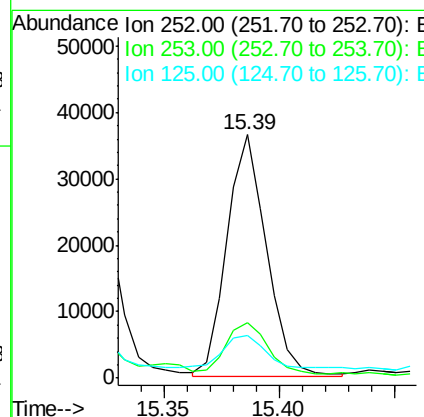
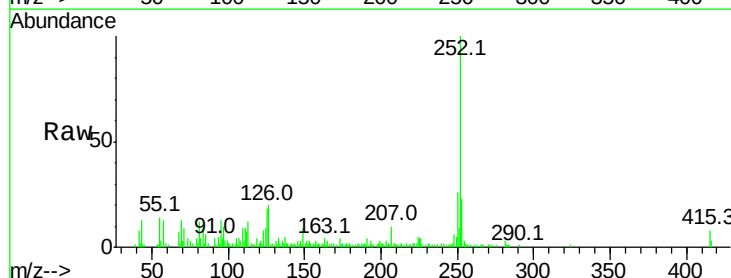
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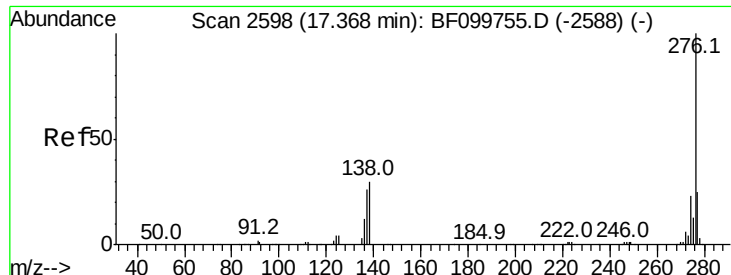
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#89
Benzo(a)pyrene
Concen: 3.513 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099771.D
Acq: 23 Oct 2017 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	17.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.452 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. 0.01 min
 Lab File: BF099771.D
 Acq: 23 Oct 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 20170722-C-A-COMP1RE

Tot Ion:	276	Resp:	26215
Ion Ratio		Lower	Upper
276	100		
277	26.8	17.9	26.9
138	26.4	21.8	32.8

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