

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099772.D
 Acq On : 23 Oct 2017 21:22
 Operator : SJ/JU
 Sample : I5950-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2RE

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:41:15 PM

Quant Time: Oct 24 00:22:55 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	107111	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	446049	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203090	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	311874	20.00	ng	0.00
75) Chrysene-d12	13.98	240	182568	20.00	ng	0.00
86) Perylene-d12	15.44	264	196987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	51543	7.55	ng	0.02
7) Phenol-d6	6.45	99	204901	25.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	399900	57.72	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	12336	6.67	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	692539	52.61	ng	0.00
78) Terphenyl-d14	12.92	244	445450	53.32	ng	0.00
Target Compounds						
10) Phenol	6.46	94	23954	2.697	ng	90
49) Dimethylphthalate	9.56	163	65148	4.051	ng	99
74) Fluoranthene	12.55	202	62767	3.432	ng	96
77) Pyrene	12.78	202	52587	3.788	ng	99
80) Benzo(a)anthracene	13.97	228	23894	2.065	ng	97
82) Chrysene	14.00	228	31895	2.931	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	28311	2.949	ng	97
87) Benzo(b)fluoranthene	15.02	252	31635m	2.543	ng	

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

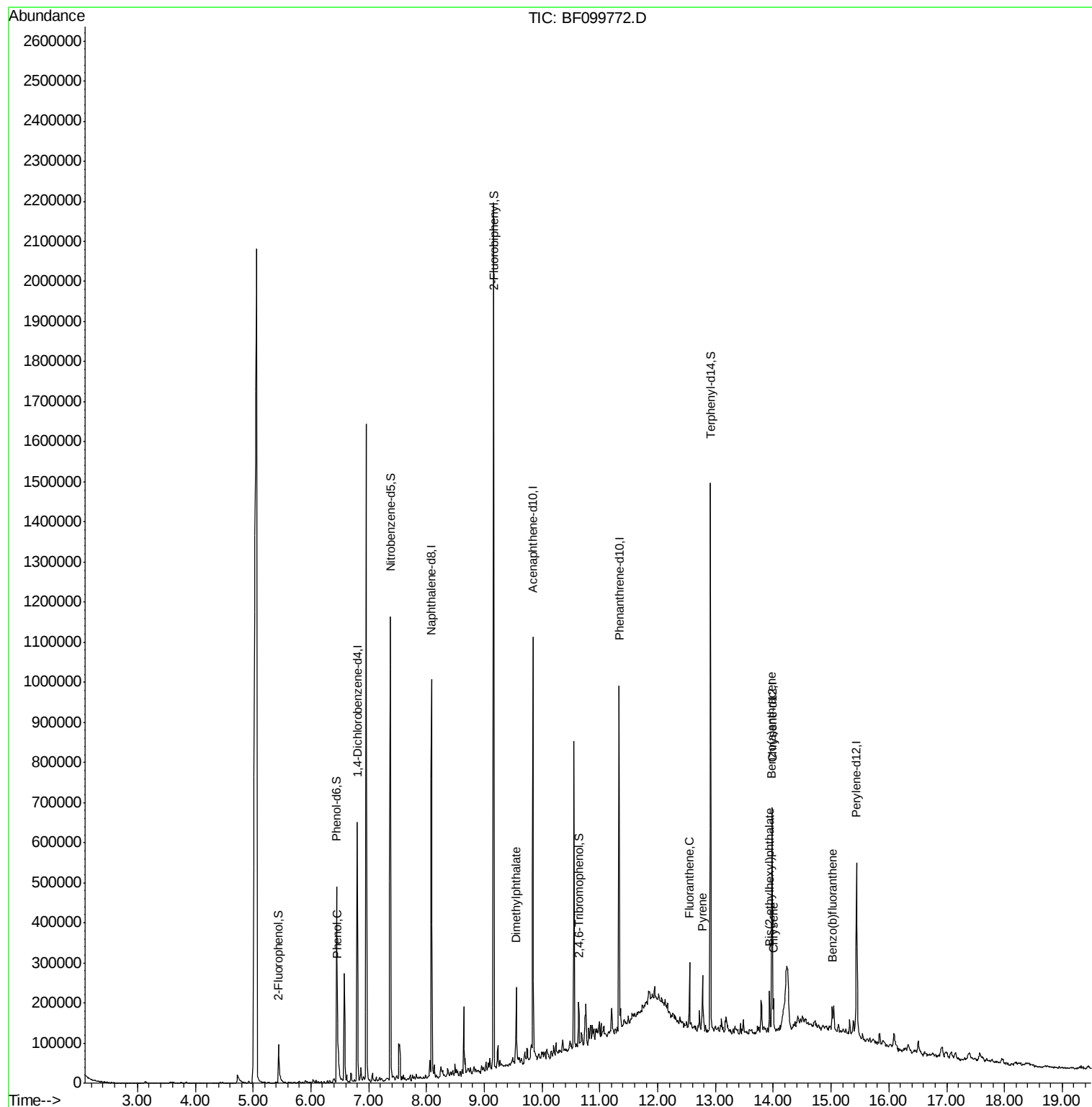
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099772.D
Acq On : 23 Oct 2017 21:22
Operator : SJ/JU
Sample : I5950-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2RE

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM

Quant Time: Oct 24 00:22:55 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





#1

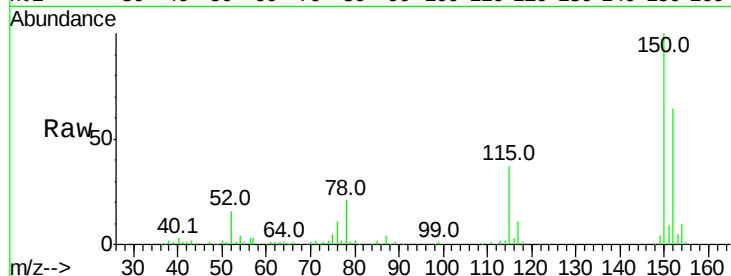
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.2	50.1	75.1

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM

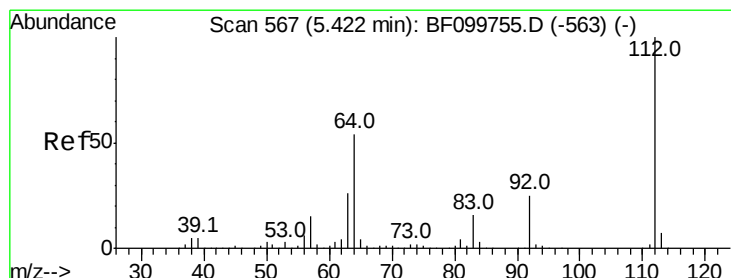
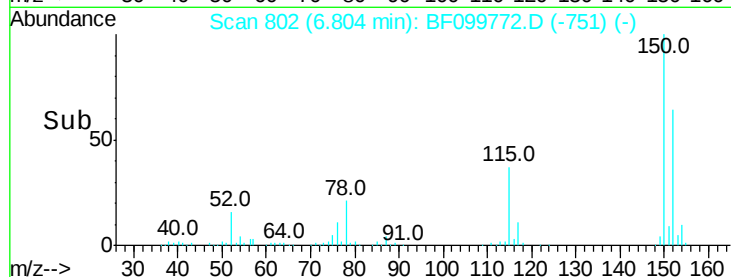
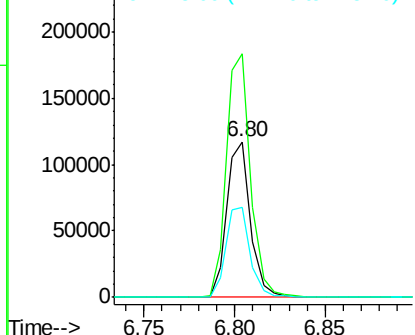


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

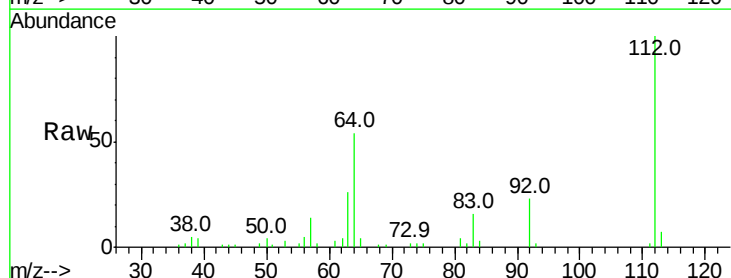
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.555 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	25.7	23.7	35.5

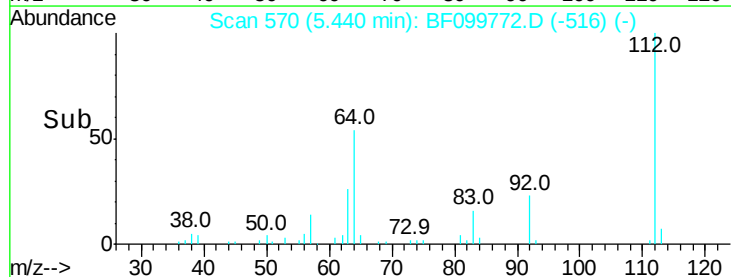
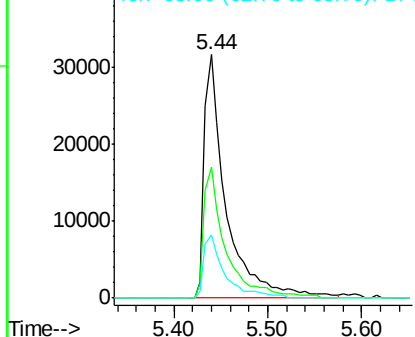


Abundance

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: 25.329 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

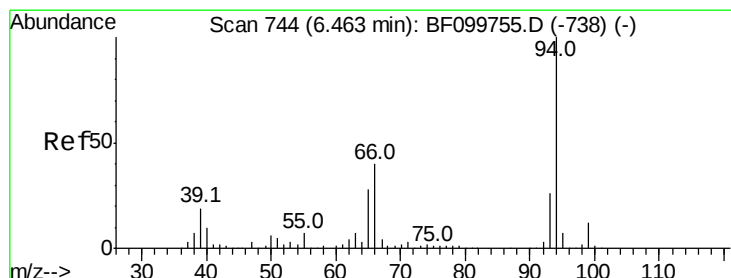
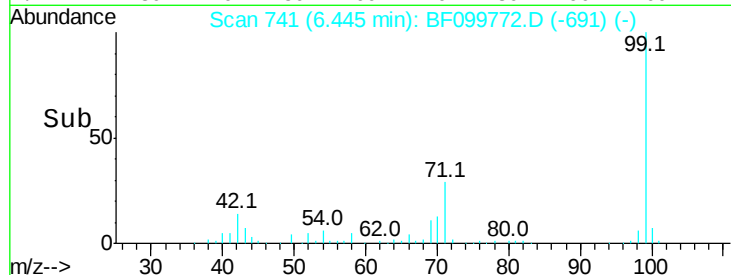
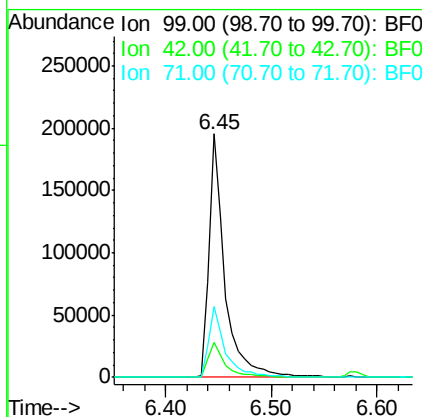
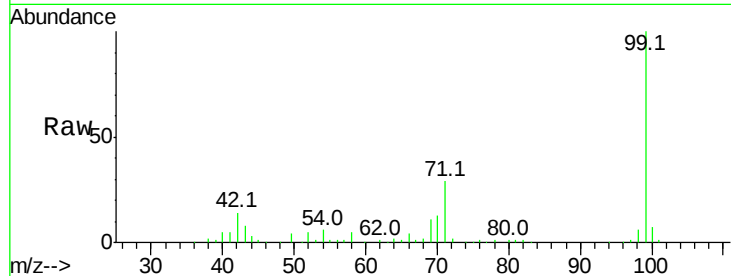
ClientSampleId :

20170723-C-A-COMP2RE

Tot Ion:	99	Resp:	204901
Ion Ratio	Lower	Upper	
99	100		
42	14.4	14.5	21.7#
71	29.2	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM



#10

Phenol

Concen: 2.697 ng

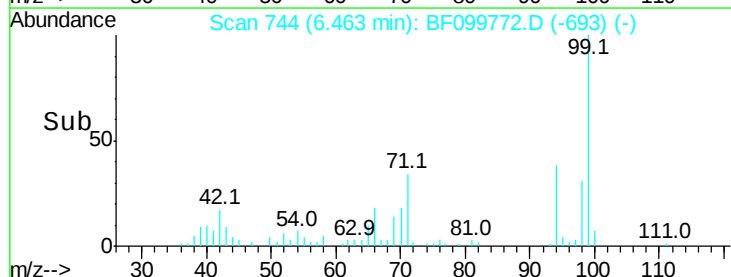
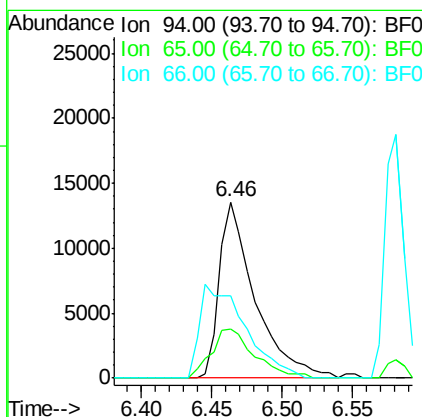
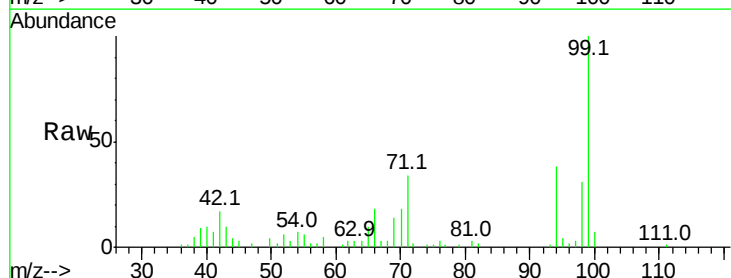
RT: 6.46 min Scan# 744

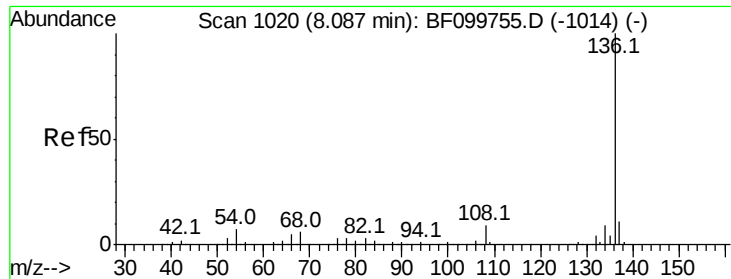
Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Tgt Ion:	94	Resp:	23954
Ion Ratio	Lower	Upper	
94	100		
65	27.5	7.9	47.9
66	46.4	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: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

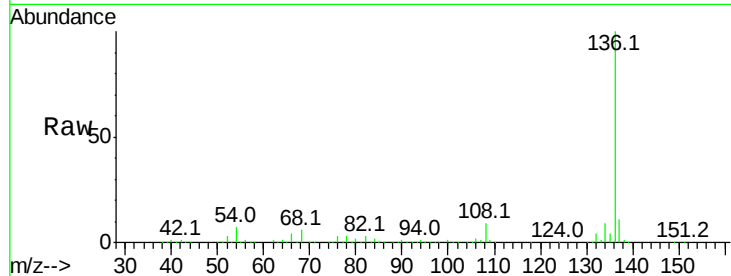
ClientSampleId :

20170723-C-A-COMP2RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.5	6.6	9.8	
68	5.5	5.0	7.4	

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM

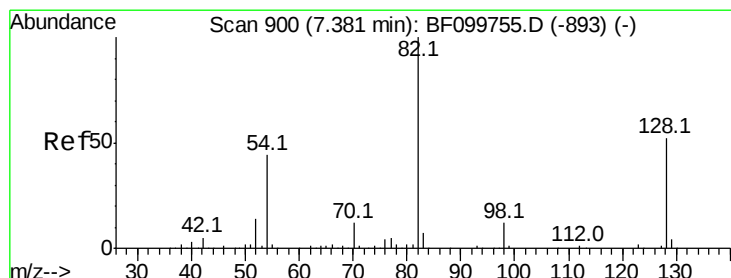
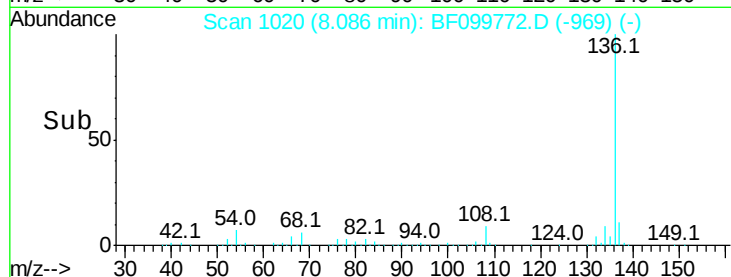
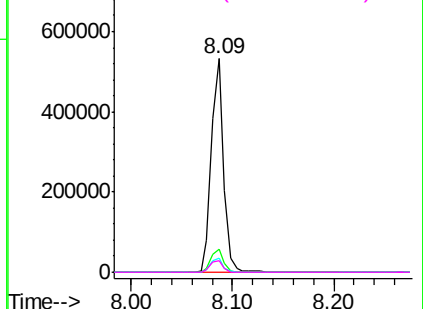


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.720 ng

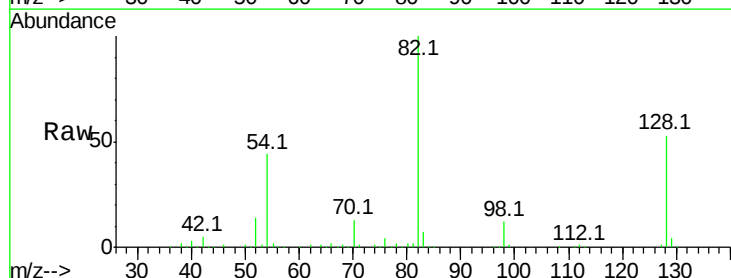
RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

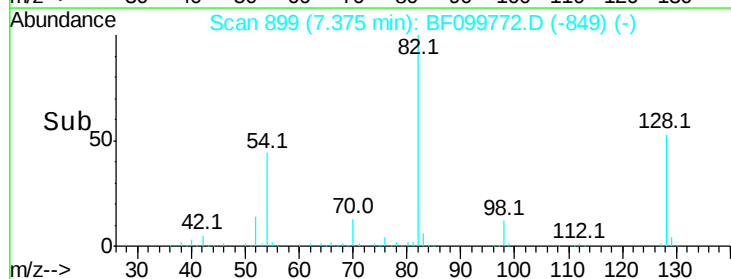
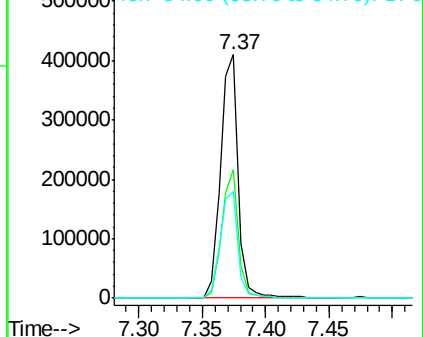
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.6	36.1	54.1	
54	43.6	41.4	62.2	

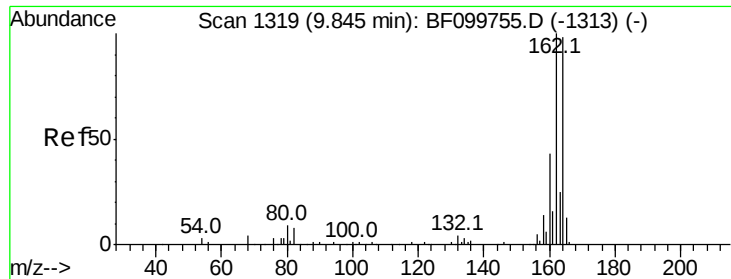


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





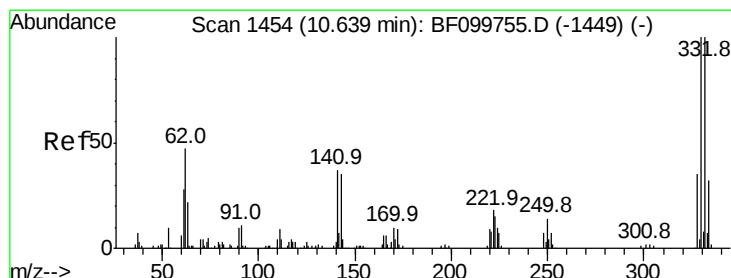
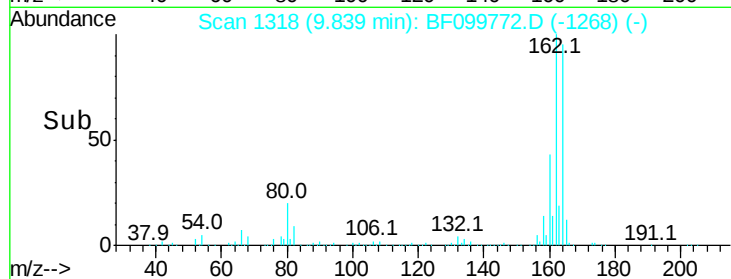
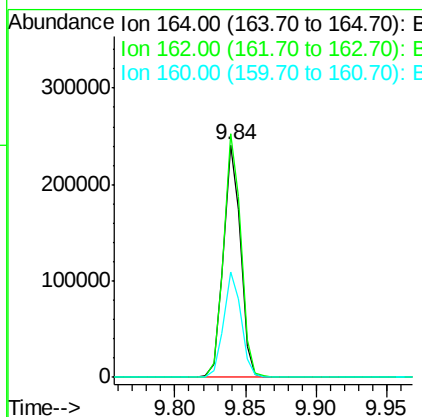
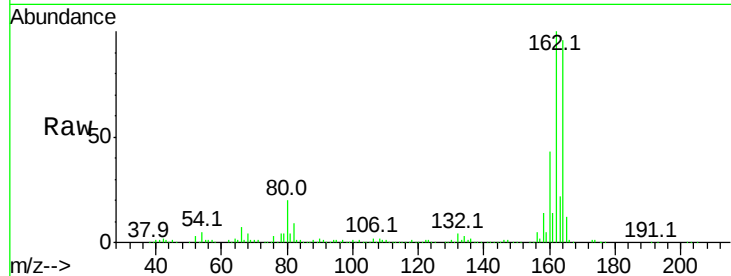
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	203090		
162	104.7	86.1	129.1	
160	45.4	38.3	57.5	

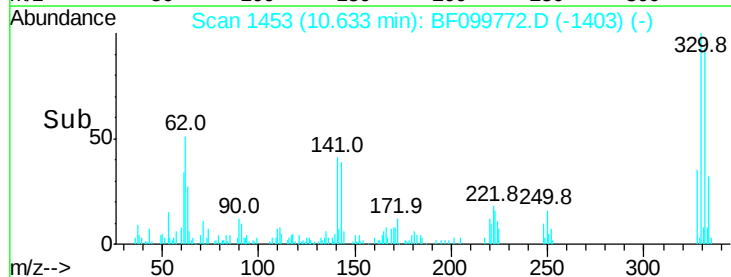
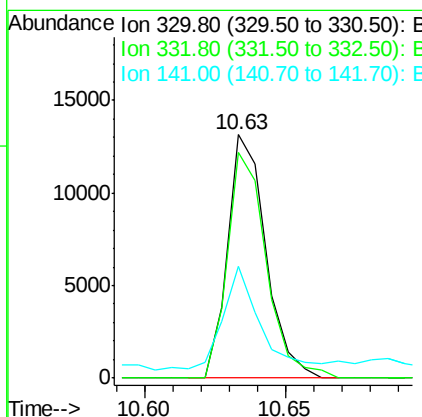
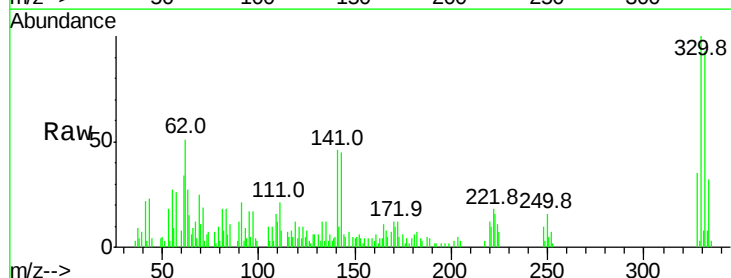
Manual Integrations
 APPROVED

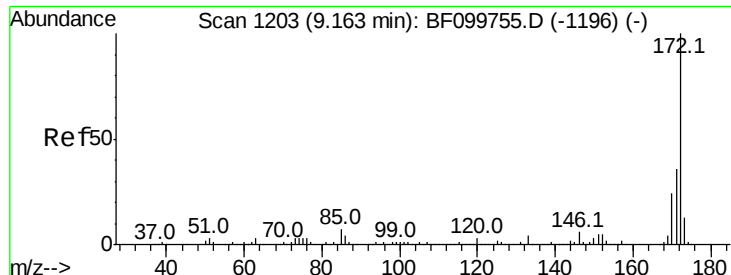
Sohil
 10/24/2017 8:41:15 PM



#41
 2,4,6-Tribromophenol
 Concen: 6.665 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	12336		
332	94.8	77.0	115.6	
141	38.7	29.9	44.9	





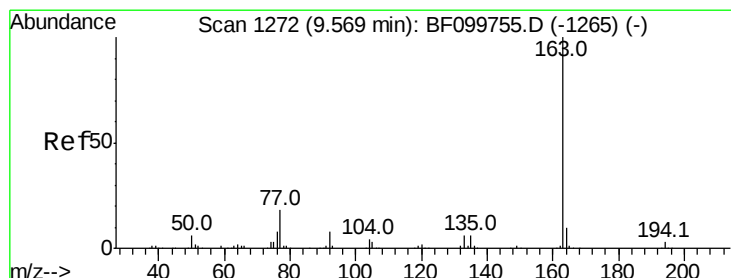
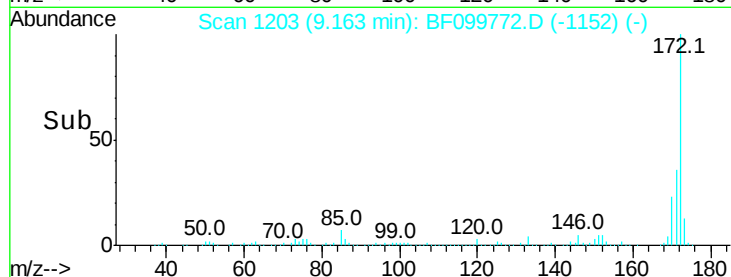
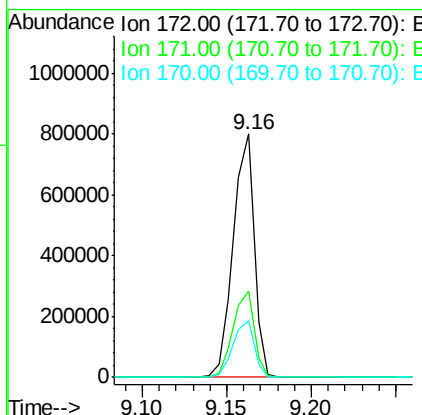
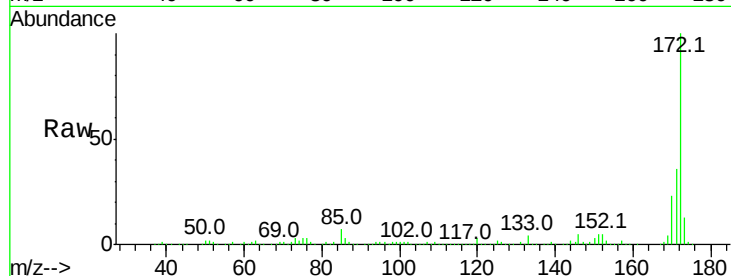
#44
2-Fluorobiphenyl
Concen: 52.611 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2RE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	692539		
171	35.6		29.7	44.5
170	23.3		19.6	29.4

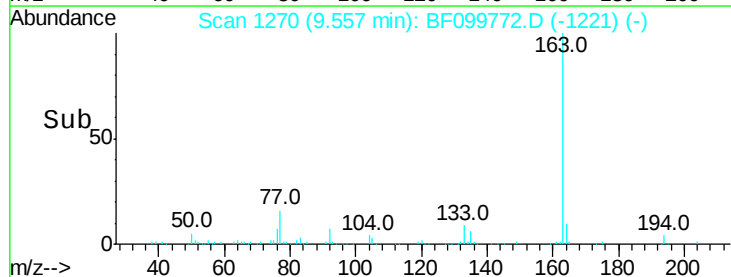
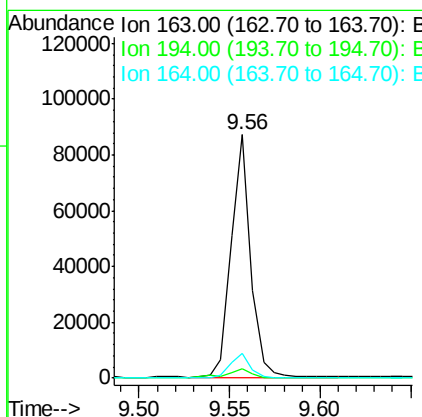
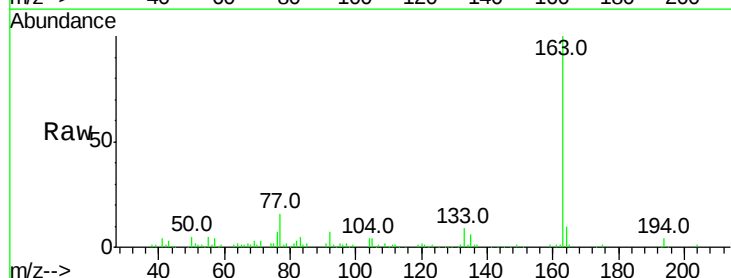
Manual Integrations
APPROVED

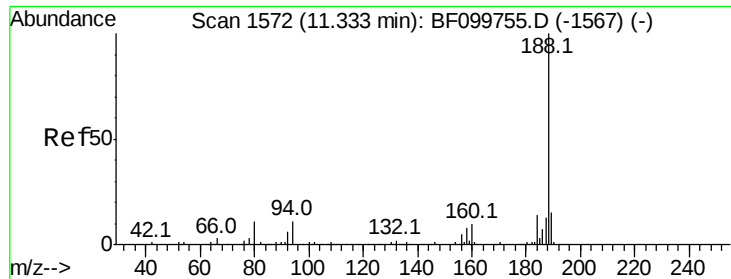
Sohil
10/24/2017 8:41:15 PM



#49
Dimethylphthalate
Concen: 4.051 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	65148		
194	3.9		2.7	4.1
164	10.0		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

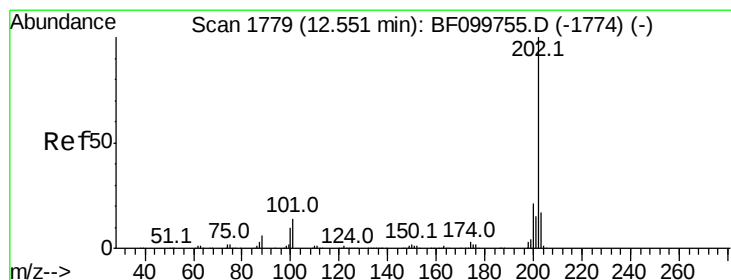
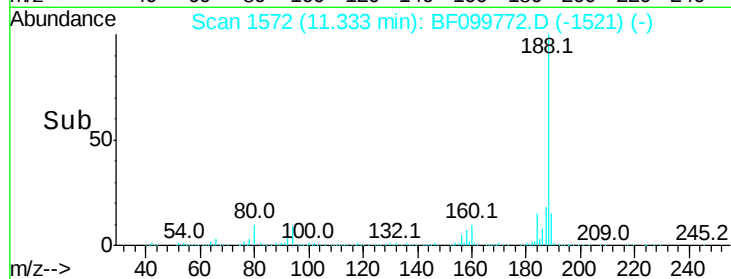
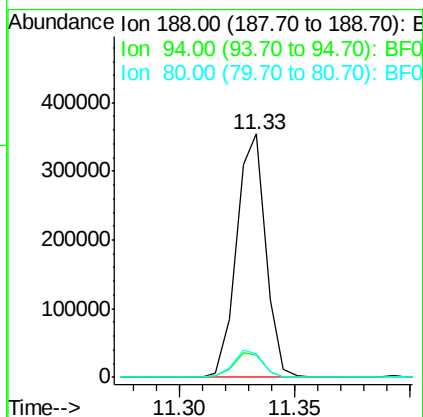
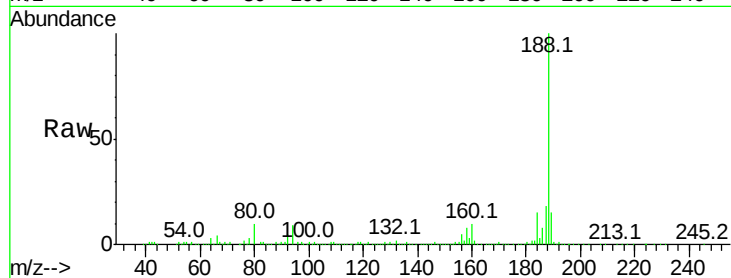
ClientSampleId :

20170723-C-A-COMP2RE

Tot Ion:	188	Resp:	311874
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM



#74

Fluoranthene

Concen: 3.432 ng

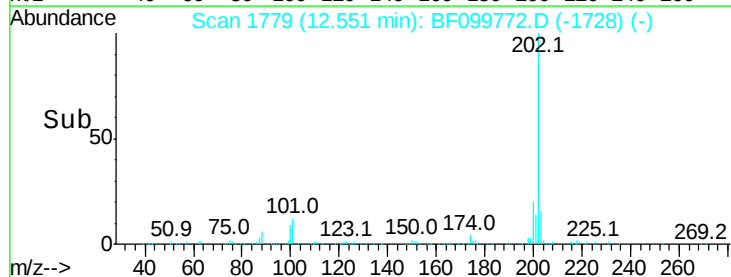
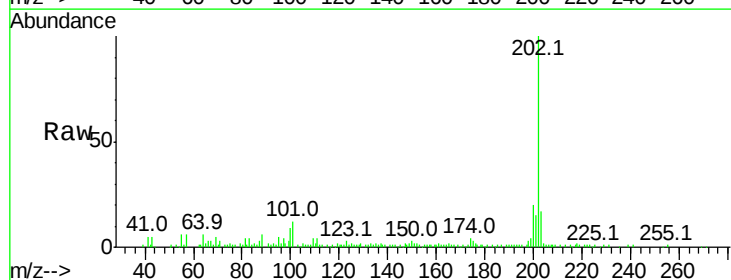
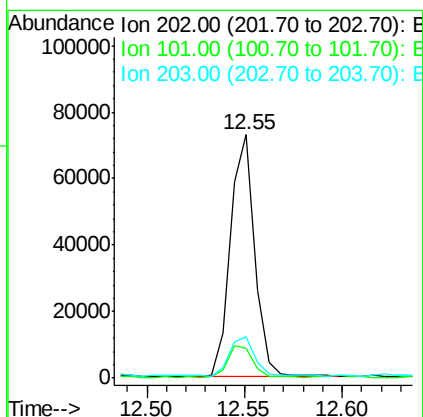
RT: 12.55 min Scan# 1779

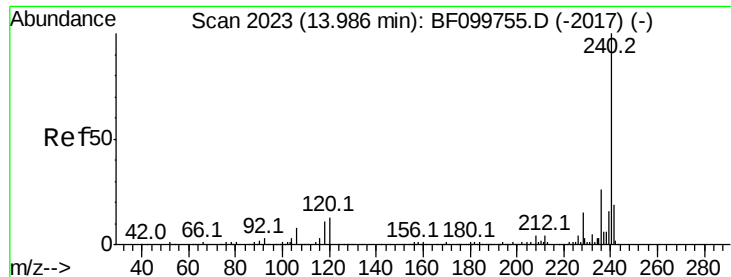
Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Tgt Ion:	202	Resp:	62767
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	34.1
203	17.1	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: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

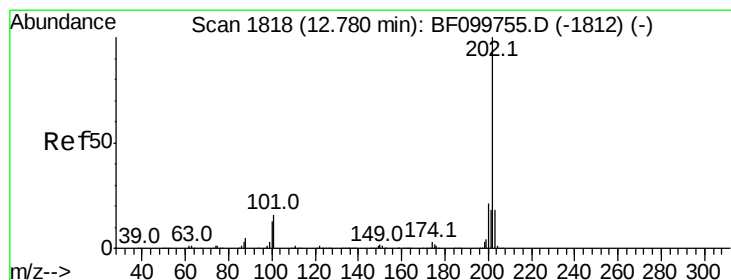
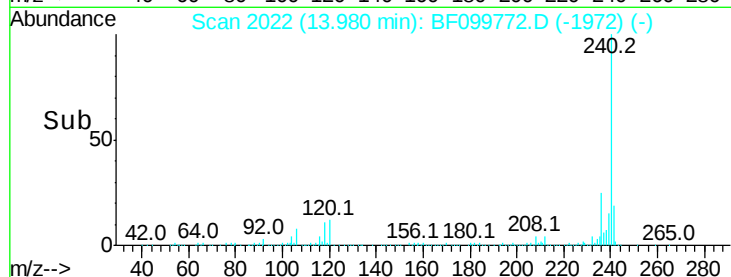
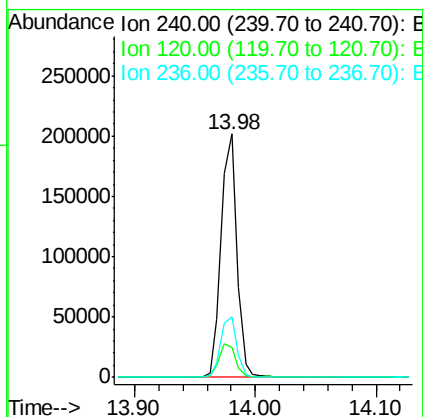
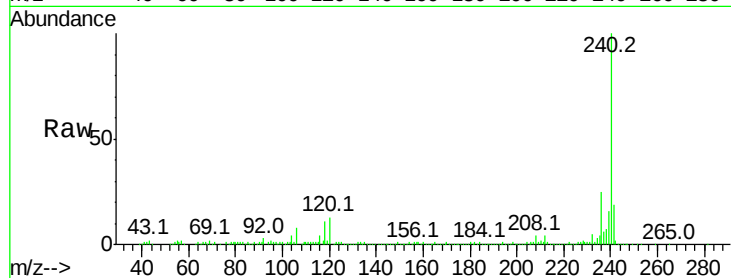
ClientSampleId :

20170723-C-A-COMP2RE

Tot Ion:	240	Resp:	182568
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	25.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM



#77

Pyrene

Concen: 3.788 ng

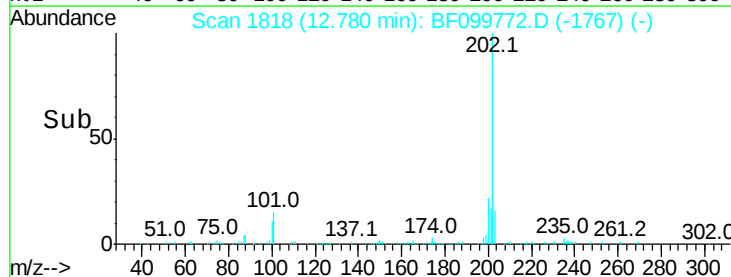
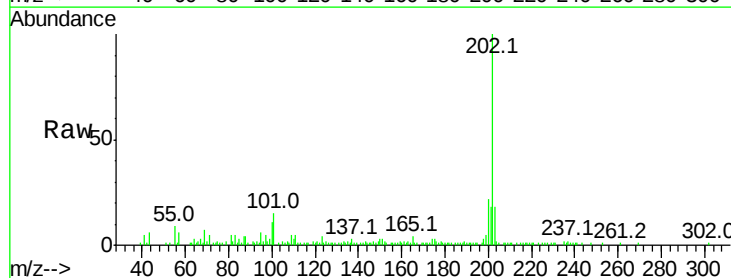
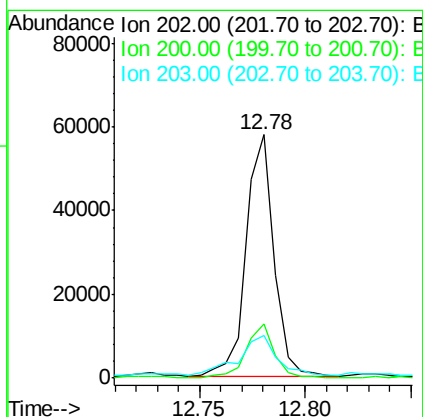
RT: 12.78 min Scan# 1818

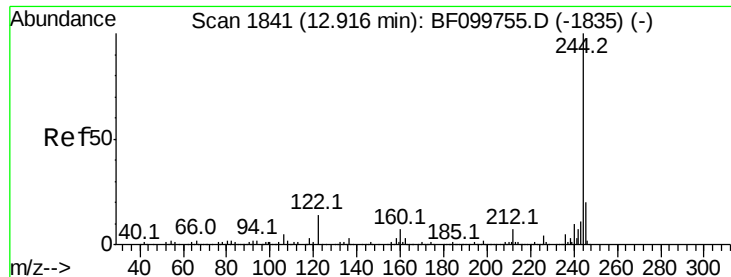
Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Tgt Ion:	202	Resp:	52587
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.4	26.2
203	17.6	14.3	21.5





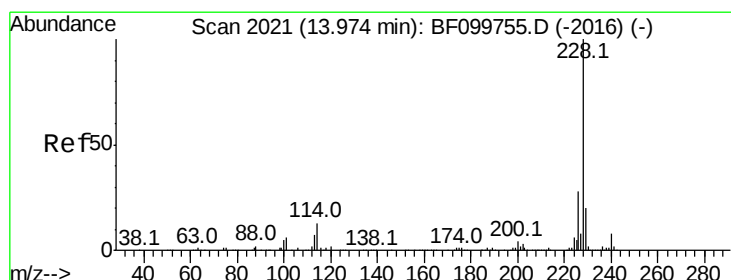
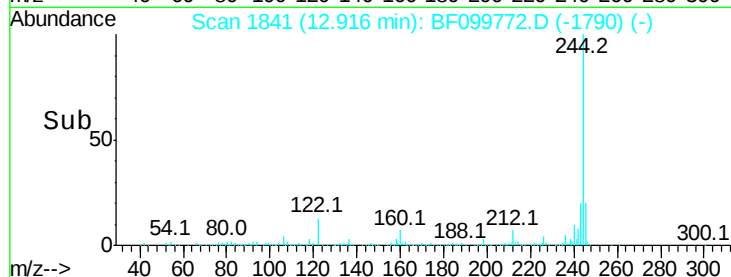
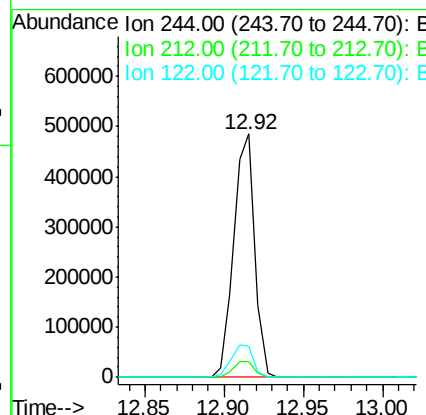
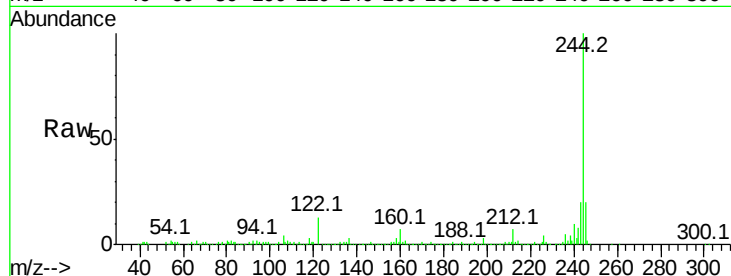
#78
 Terphenyl-d14
 Concen: 53.321 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.7	11.0	16.4

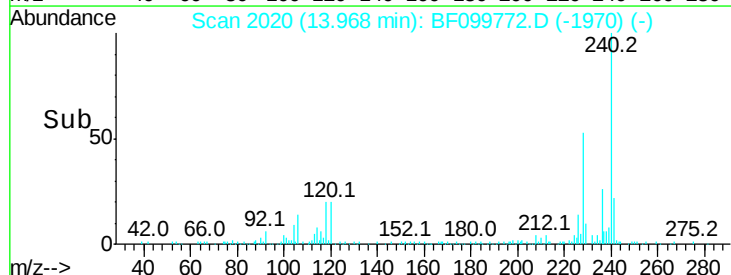
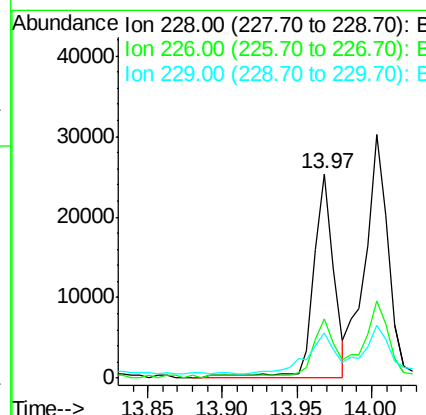
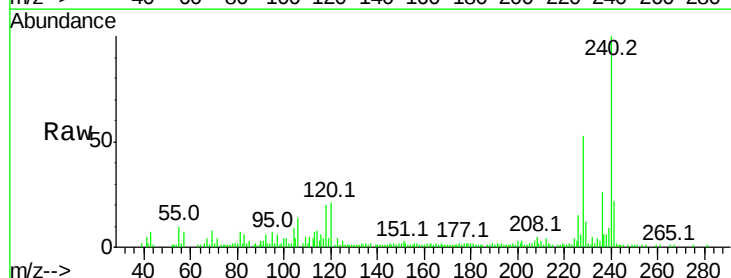
Manual Integrations
 APPROVED

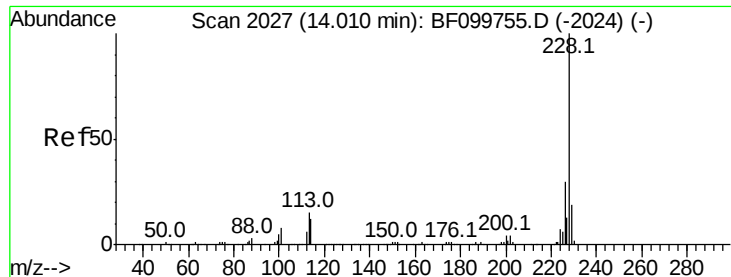
Sohil
 10/24/2017 8:41:15 PM



#80
 Benzo(a)anthracene
 Concen: 2.065 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.3	15.8	23.6





#82

Chrysene

Concen: 2.931 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

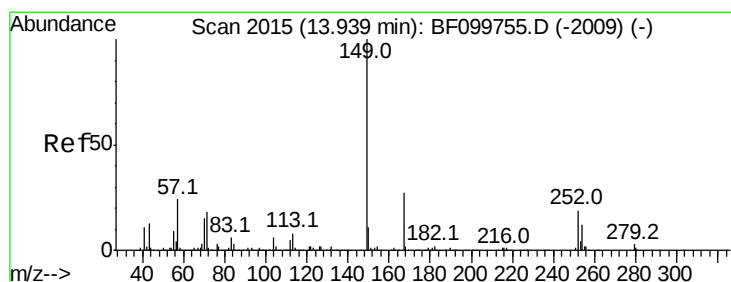
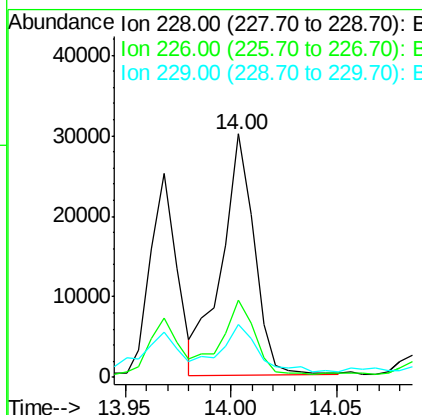
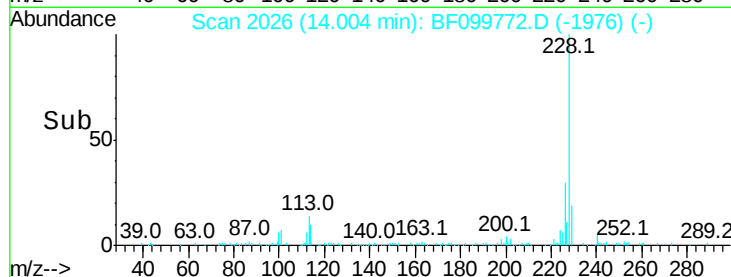
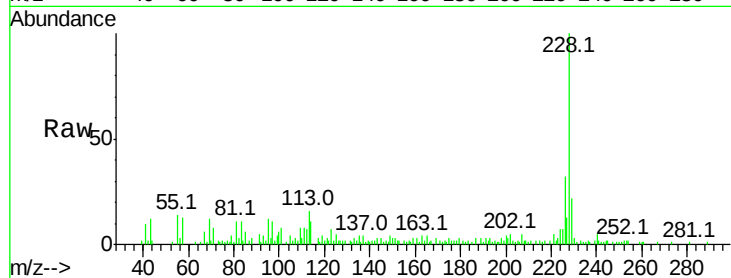
ClientSampleId :

20170723-C-A-COMP2RE

Tot Ion:	228	Resp:	31895
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.0	37.6
229	21.7	16.2	24.4

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.949 ng

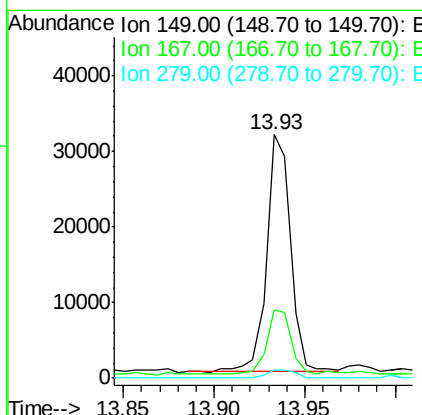
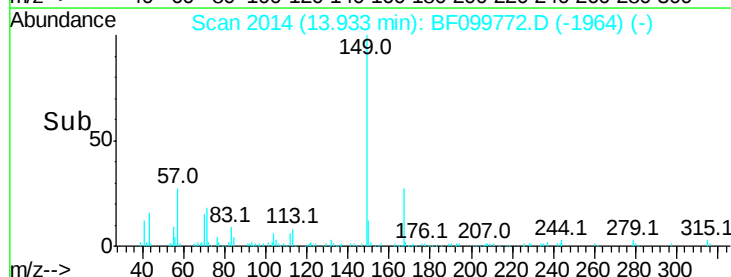
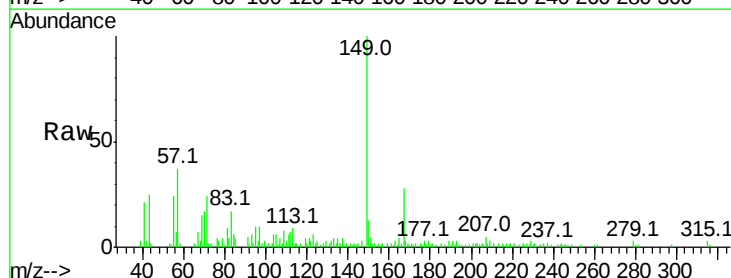
RT: 13.93 min Scan# 2014

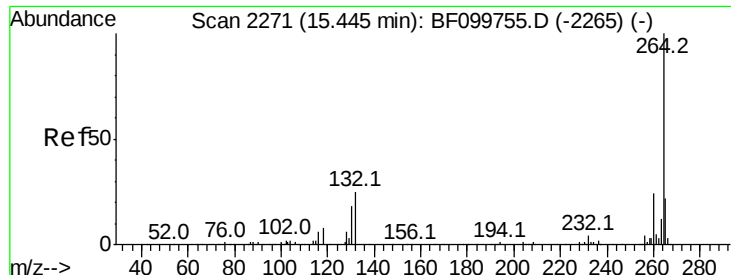
Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Tgt Ion:	149	Resp:	28311
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.3	31.9
279	3.2	3.0	4.4





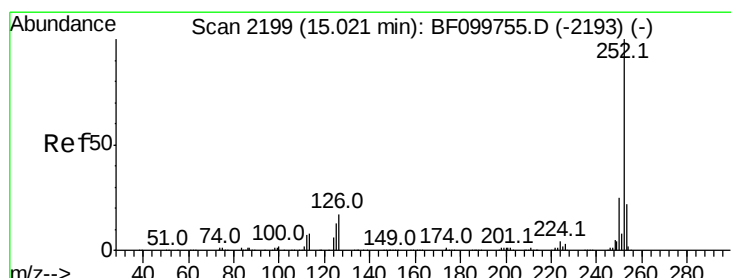
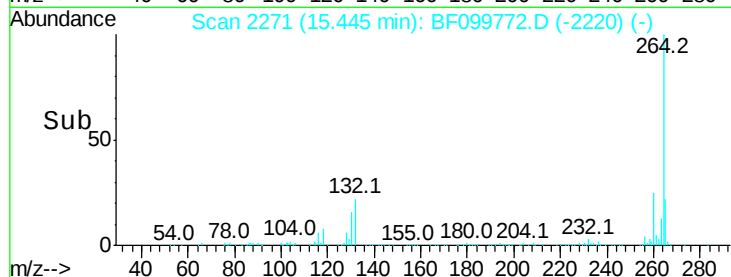
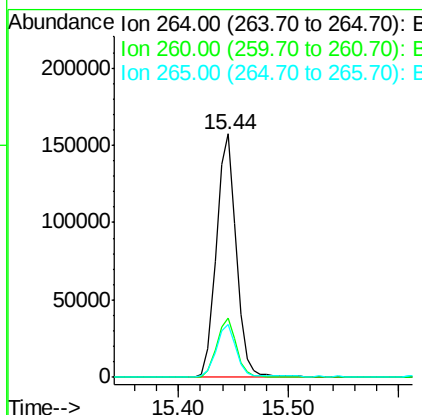
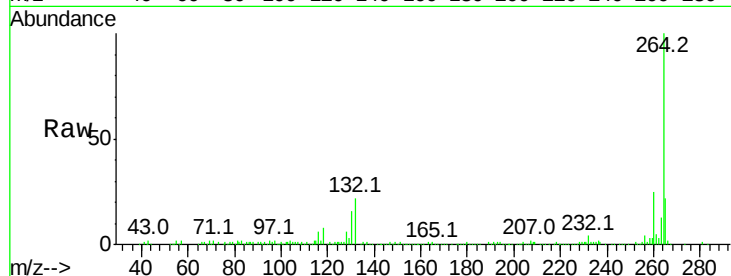
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/24/2017 8:41:15 PM



#87
Benzo(b)fluoranthene
Concen: 2.543 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	22.0	9.0	13.6

