

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099677.D
 Acq On : 20 Oct 2017 00:38
 Operator : SJ/JU
 Sample : I5972-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101617-TIDO-E-D-S

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:15:57 PM

Quant Time: Oct 20 13:44:40 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	6.82	152	87611	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	354362	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	147423	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	209538	20.00	ng	0.00
75) Chrysene-d12	13.98	240	155328	20.00	ng	0.00
86) Perylene-d12	15.44	264	169925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	358250	65.09	ng	0.00
7) Phenol-d6	6.46	99	266804	39.30	ng	0.00
23) Nitrobenzene-d5	7.39	82	729612	132.04	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	144519	119.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1273358	144.19	ng	0.00
78) Terphenyl-d14	12.93	244	799415	117.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	22529	2.025	ng	100
70) Phenanthrene	11.36	178	26712	2.382	ng	97

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

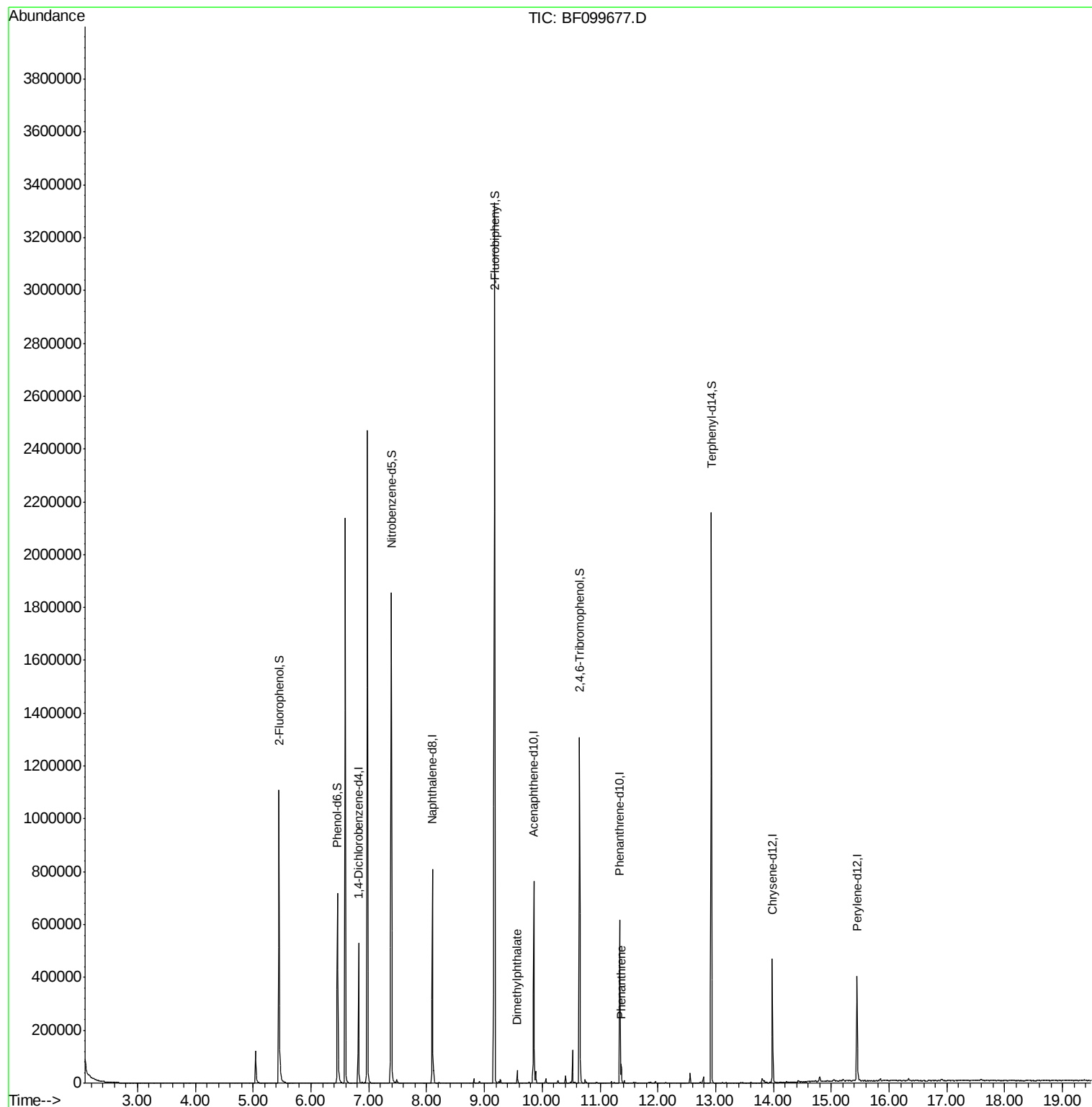
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099677.D
Acq On : 20 Oct 2017 00:38
Operator : SJ/JU
Sample : I5972-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101617-TIDO-E-D-S

Manual Integrations
APPROVED

Sohil
10/23/2017 3:15:57 PM

Quant Time: Oct 20 13:44:40 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





#1

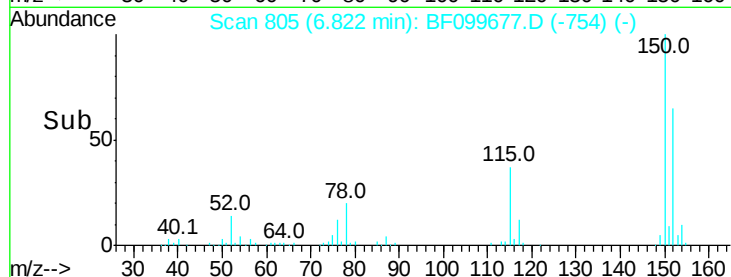
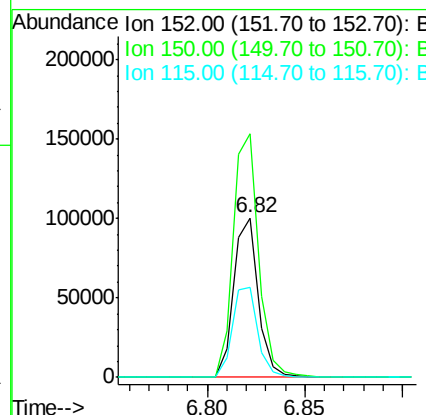
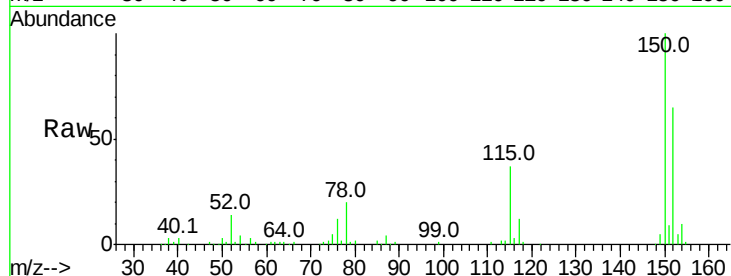
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :
101617-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	56.6	50.1	75.1

Manual Integrations
APPROVED

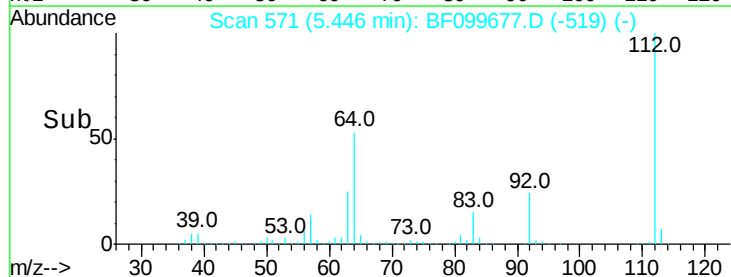
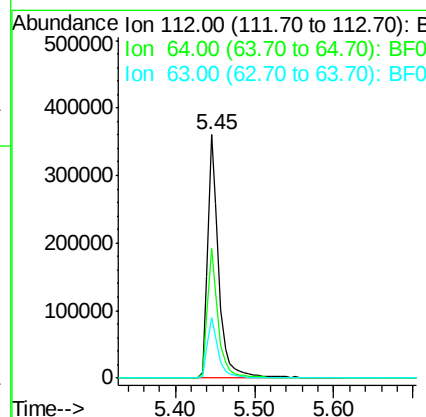
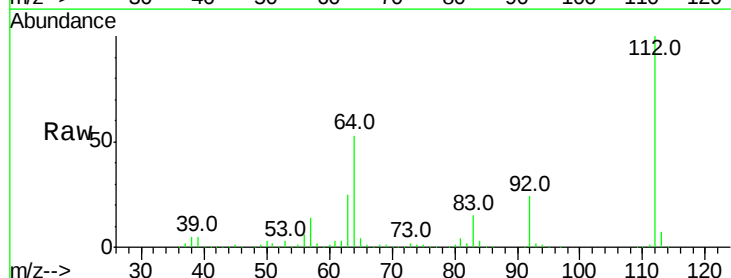
Sohil
10/23/2017 3:15:57 PM



#5

2-Fluorophenol
Concen: 65.094 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	24.7	23.7	35.5





#7

Phenol-d6

Concen: 39.298 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099677.D

Acq: 20 Oct 2017 00:38

Instrument :

BNA_F

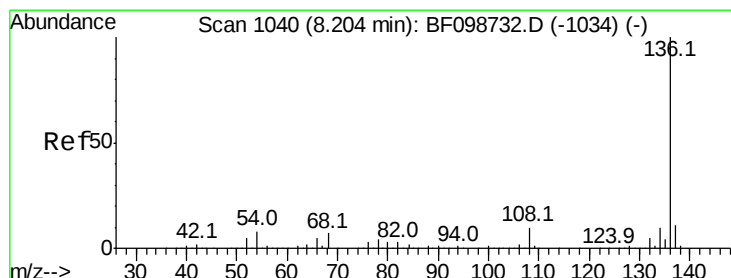
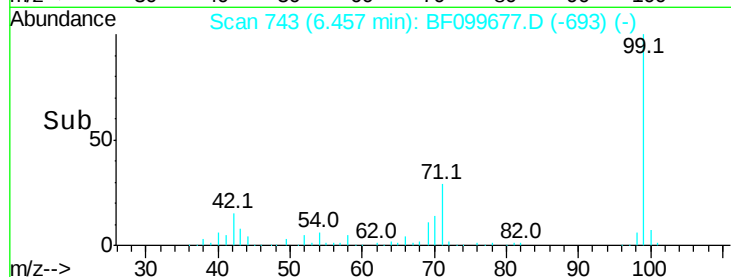
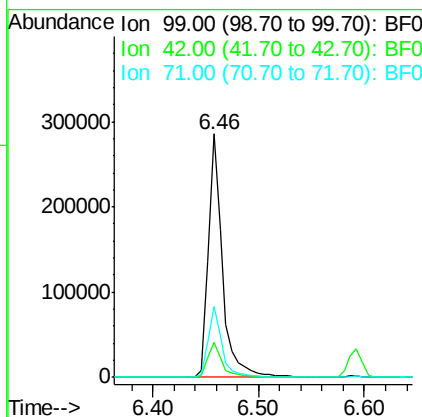
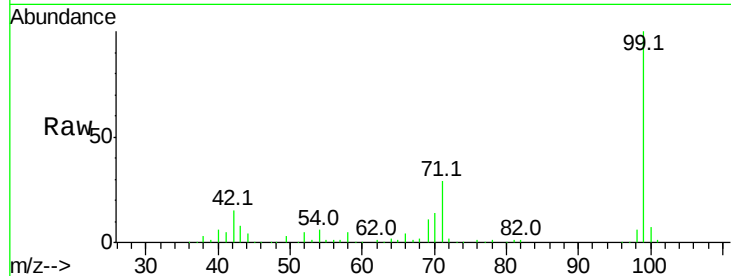
ClientSampleId :

101617-TIDO-E-D-S

Tot Ion:	99	Resp:	266804
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.5	21.7
71	29.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/23/2017 3:15:57 PM



#21

Naphthalene-d8

Concen: 20.000 ng

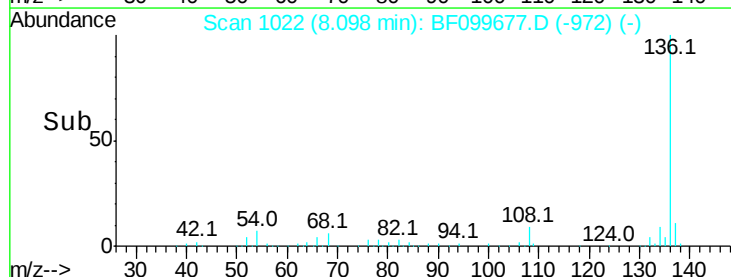
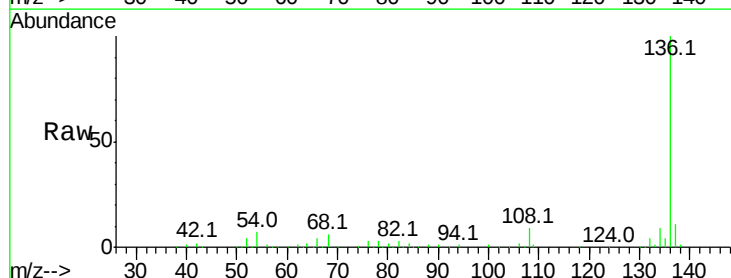
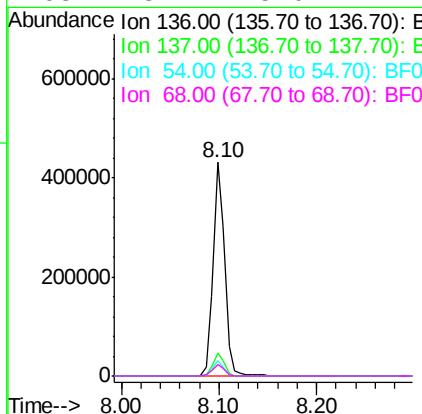
RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099677.D

Acq: 20 Oct 2017 00:38

Tgt Ion:	136	Resp:	354362
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4





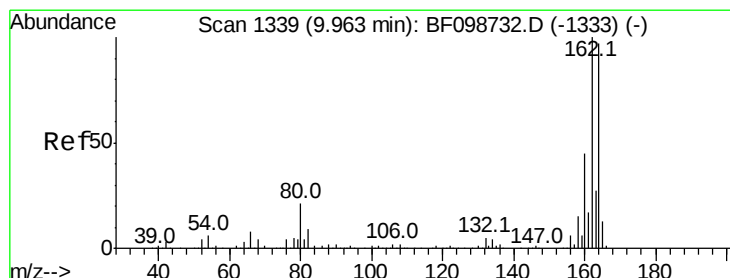
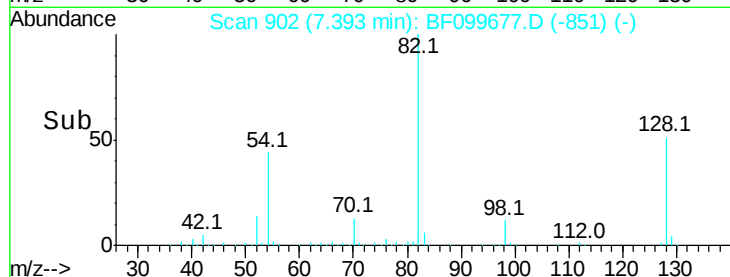
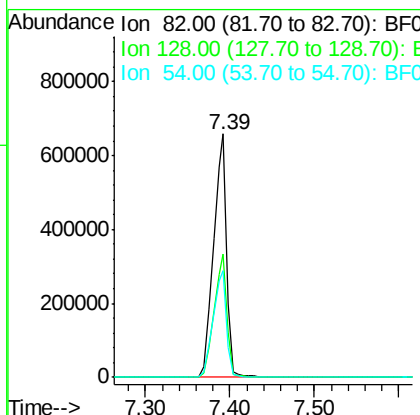
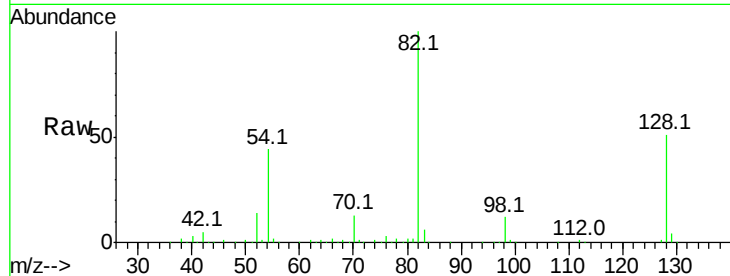
#23
 Nitrobenzene-d5
 Concen: 132.040 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF099677.D
 Acq: 20 Oct 2017 00:38

Instrument :
 BNA_F
 ClientSampleId :
 101617-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	44.0	41.4	62.2

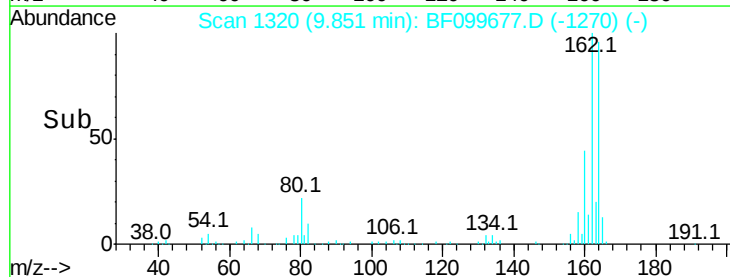
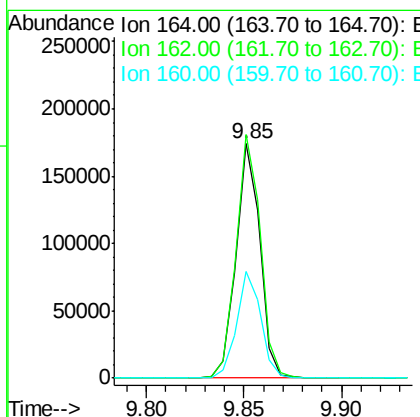
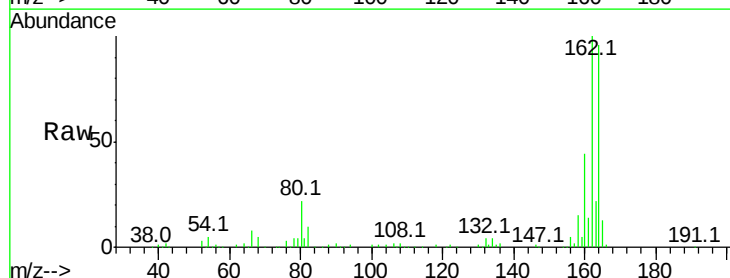
Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:15:57 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099677.D
 Acq: 20 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5





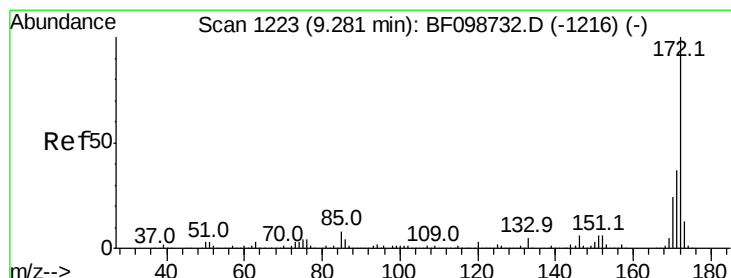
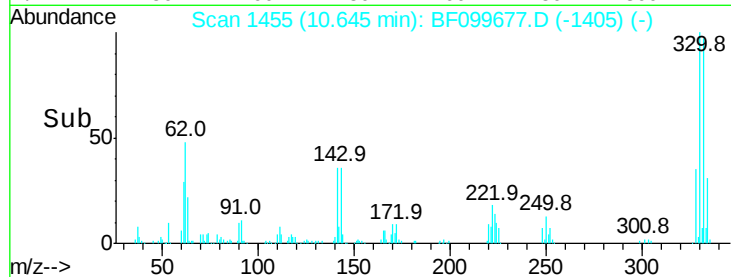
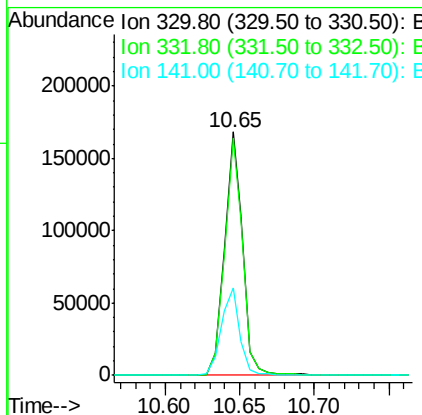
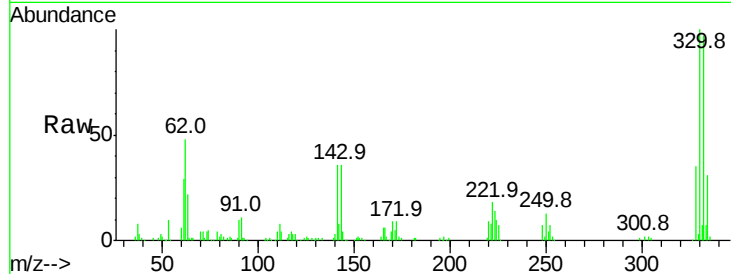
#41
 2,4,6-Tribromophenol
 Concen: 119.802 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099677.D
 Acq: 20 Oct 2017 00:38

Instrument :
 BNA_F
 ClientSampleId :
 101617-TIDO-E-D-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	144519		
332	97.4	77.0	115.6	
141	36.7	29.9	44.9	

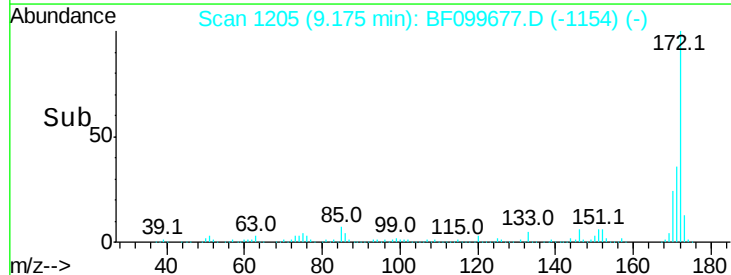
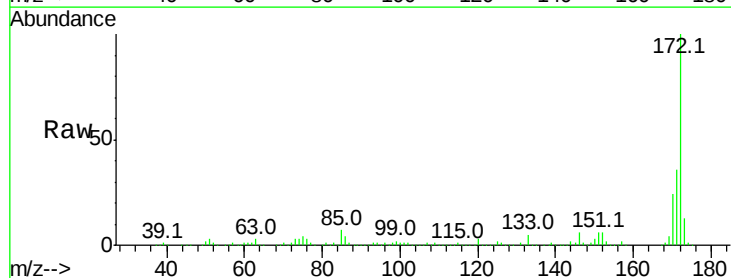
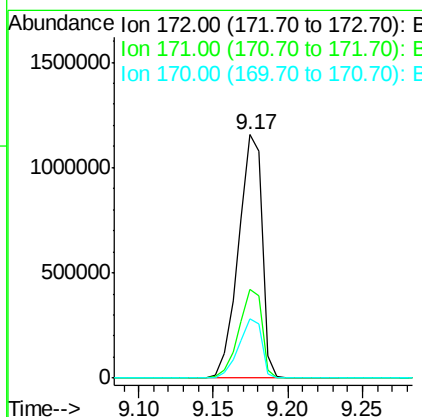
Manual Integrations
 APPROVED

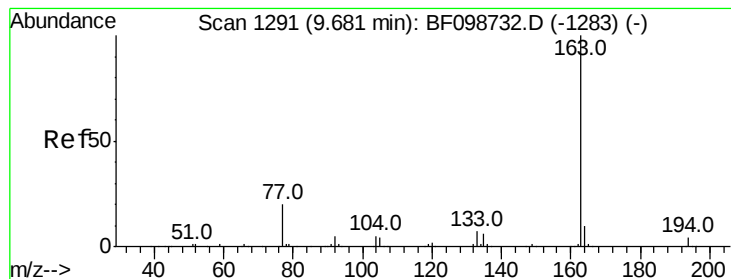
Sohil
 10/23/2017 3:15:57 PM



#44
 2-Fluorobiphenyl
 Concen: 144.195 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF099677.D
 Acq: 20 Oct 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1273358		
171	36.4	29.7	44.5	
170	24.2	19.6	29.4	





#49

Dimethylphthalate

Concen: 2.025 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF099677.D

Acq: 20 Oct 2017 00:38

Instrument :

BNA_F

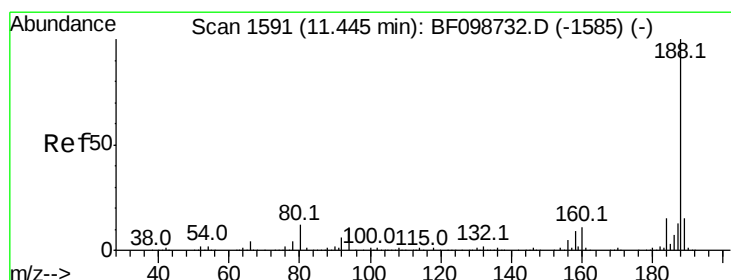
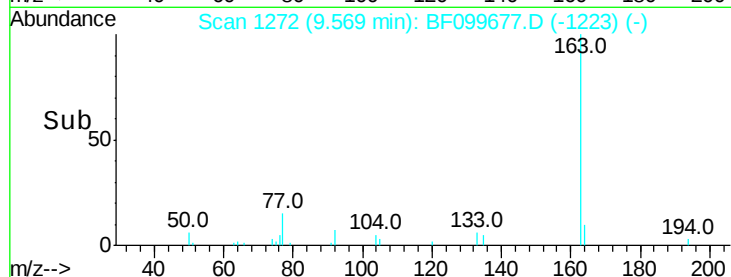
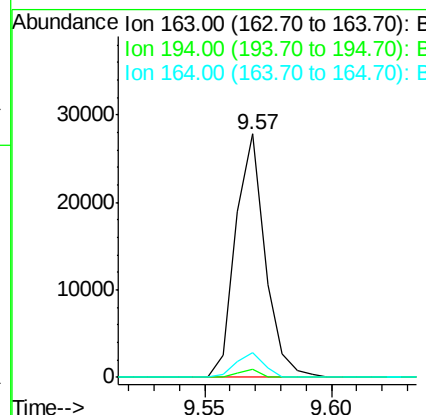
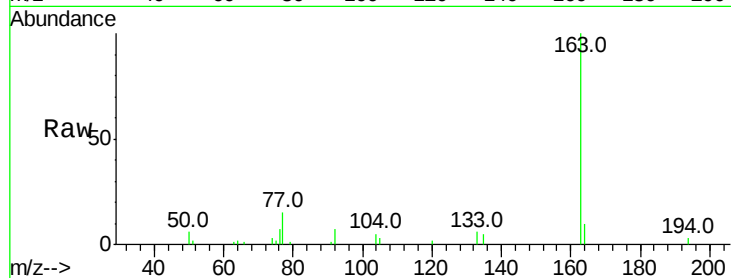
ClientSampleId :

101617-TIDO-E-D-S

Tot Ion:	163	Resp:	22529
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

Manual Integrations
APPROVED

Sohil
10/23/2017 3:15:57 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

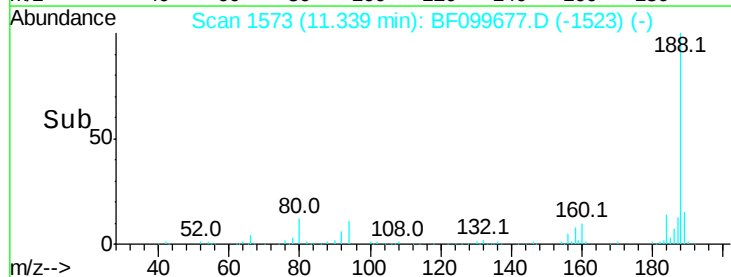
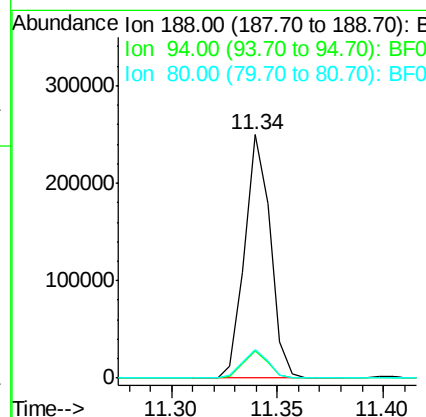
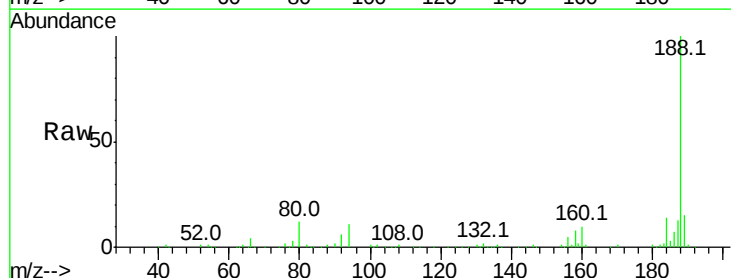
RT: 11.34 min Scan# 1573

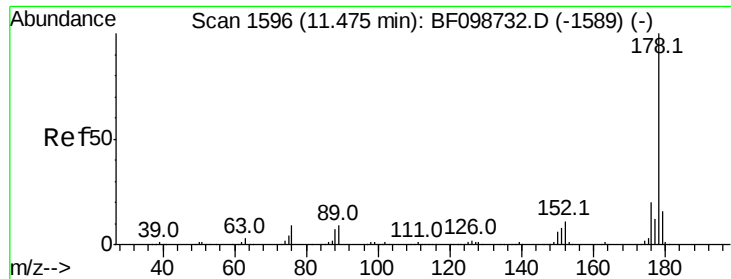
Delta R.T. -0.01 min

Lab File: BF099677.D

Acq: 20 Oct 2017 00:38

Tgt Ion:	188	Resp:	209538
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8





#70

Phenanthrene

Concen: 2.382 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF099677.D

Acq: 20 Oct 2017 00:38

Instrument :

BNA_F

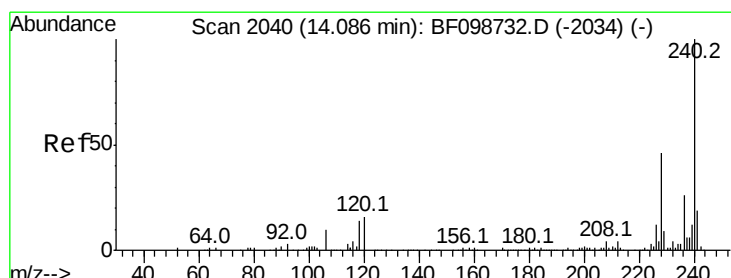
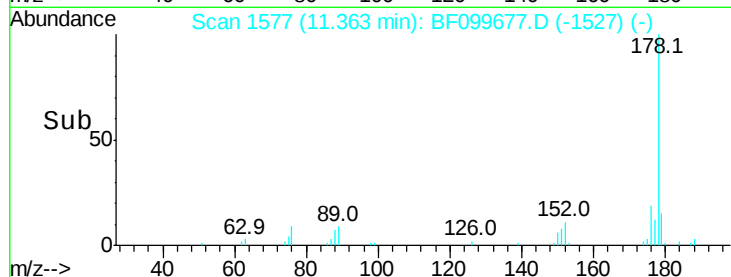
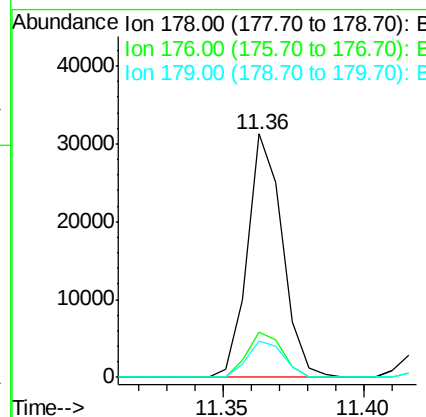
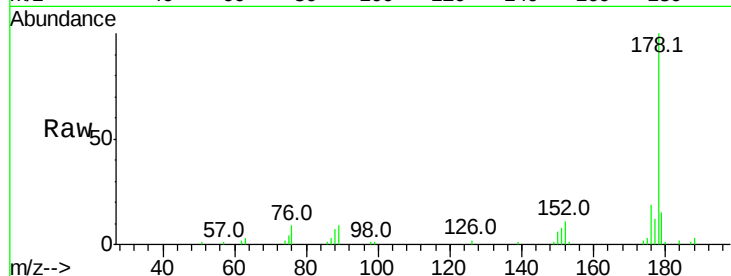
ClientSampleId :

101617-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.9	13.0	19.6

Manual Integrations
APPROVED

Sohil
10/23/2017 3:15:57 PM



#75

Chrysene-d12

Concen: 20.000 ng

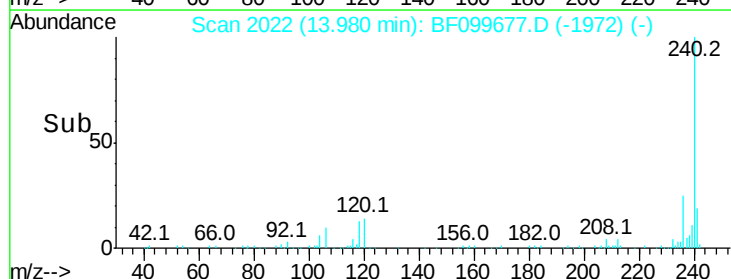
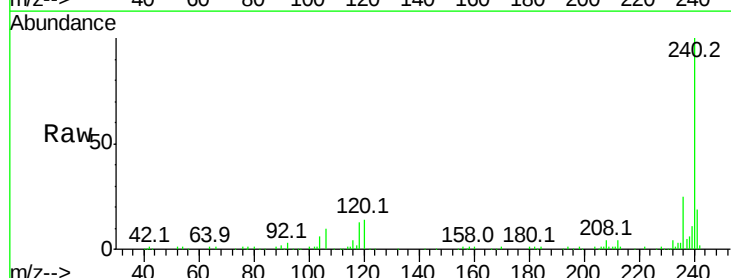
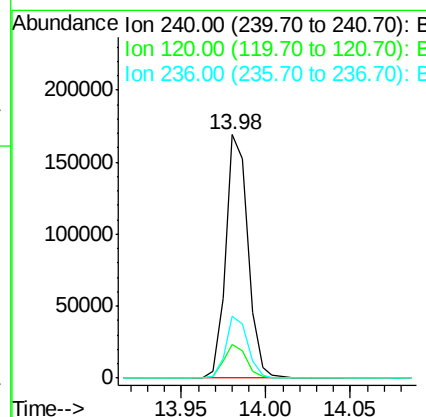
RT: 13.98 min Scan# 2022

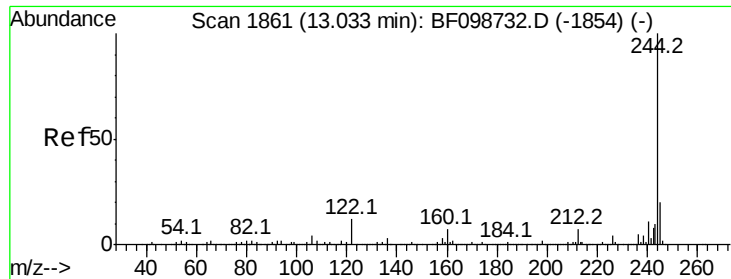
Delta R.T. -0.01 min

Lab File: BF099677.D

Acq: 20 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.2	20.7	31.1





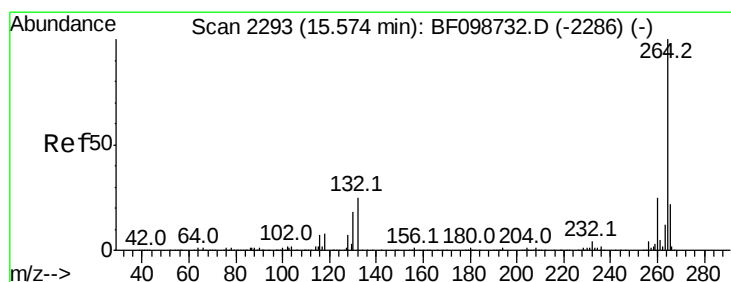
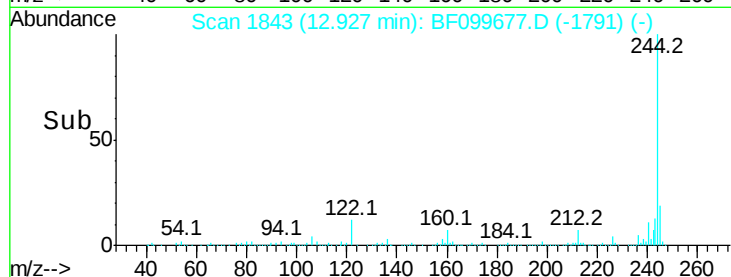
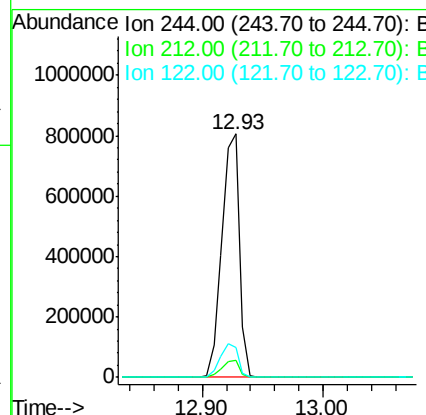
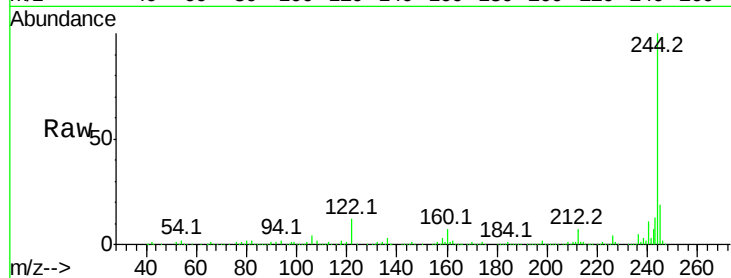
#78
 Terphenyl-d14
 Concen: 117.045 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF099677.D
 Acq: 20 Oct 2017 00:38

Instrument :
 BNA_F
 ClientSampleId :
 101617-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:15:57 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099677.D
 Acq: 20 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	17.5	26.3

