

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108732.D
 Acq On : 1 Sep 2018 11:28
 Operator : JU/SJ
 Sample : J4729-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082918-TIPC-E-U-S

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:55:02 PM

Quant Time: Sep 04 03:51:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	69071	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	270367	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	124247	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	265966	20.00	ng	0.00
75) Chrysene-d12	14.19	240	257120	20.00	ng	0.00
86) Perylene-d12	15.75	264	172516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	107489m	27.03	ng	0.04
7) Phenol-d6	6.66	99	113578	19.94	ng	0.01
23) Nitrobenzene-d5	7.57	82	525515	98.66	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	134555	82.04	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	998809	108.09	ng	0.00
78) Terphenyl-d14	13.12	244	1015652	76.75	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	94134	9.621	ng	Qvalue # 98

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

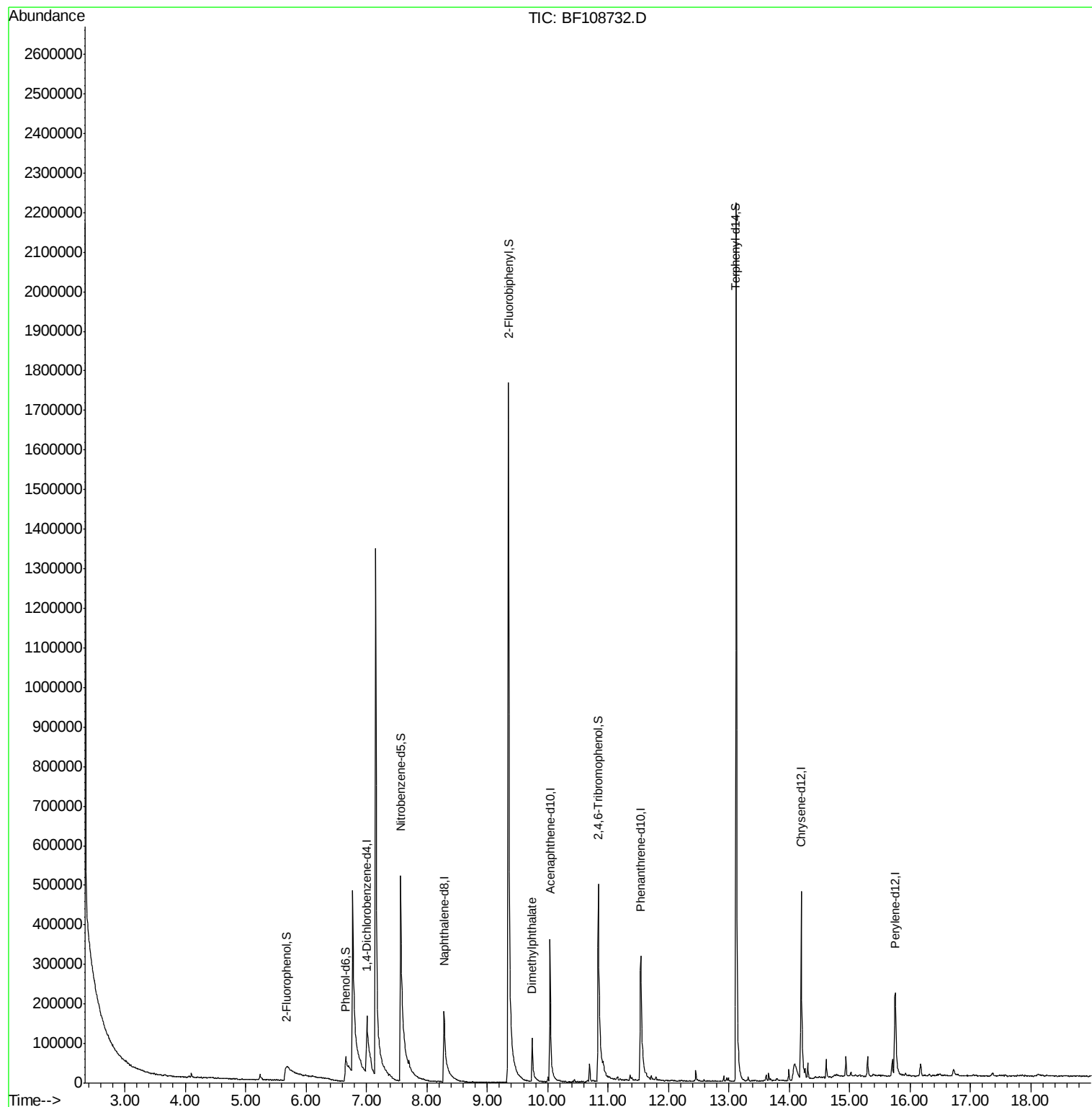
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108732.D
Acq On : 1 Sep 2018 11:28
Operator : JU/SJ
Sample : J4729-18
Misc :
ALS Vial : 44 Sample Multiplier: 1

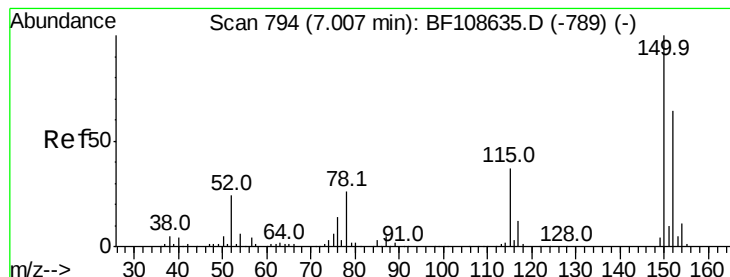
Instrument :
BNA_F
ClientSampleId :
082918-TIPC-E-U-S

Manual Integrations
APPROVED

Sohil
9/4/2018 3:55:02 PM

Quant Time: Sep 04 03:51:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration





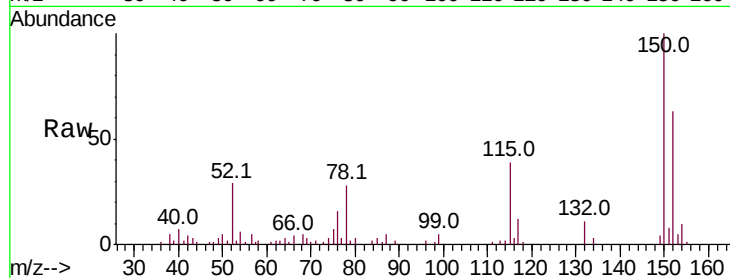
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF108732.D
 Acq: 1 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 082918-TIPC-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.7	50.1	75.1

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:55:02 PM

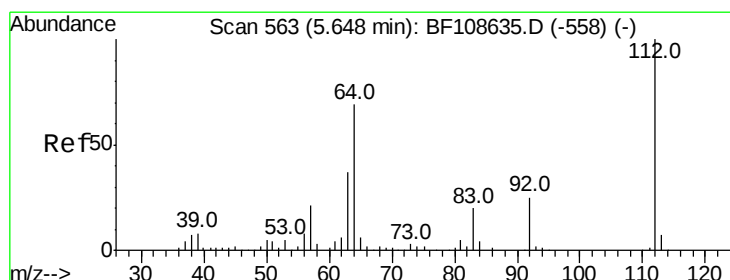
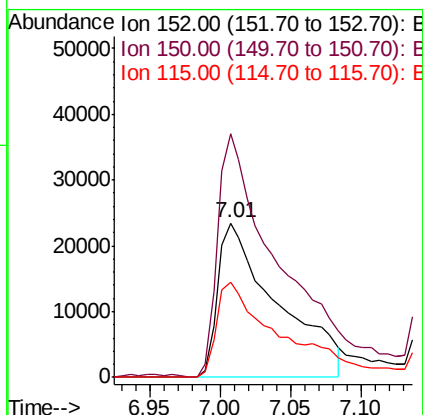
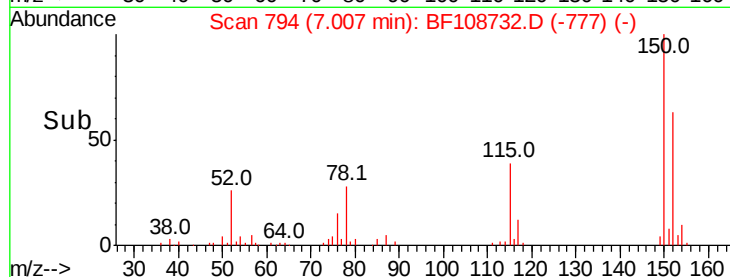


Abundance

Ion 152.00 (151.70 to 152.70): E

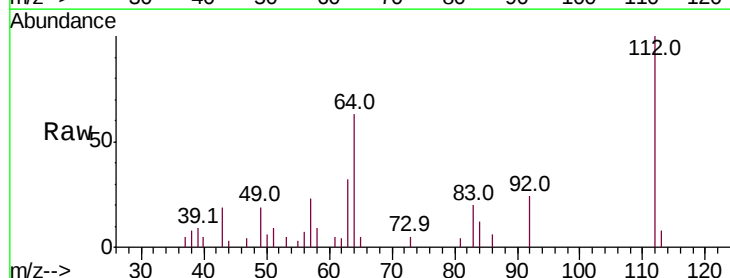
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 27.035 ng m
 RT: 5.68 min Scan# 569
 Delta R.T. 0.04 min
 Lab File: BF108732.D
 Acq: 1 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	31.5	23.7	35.5

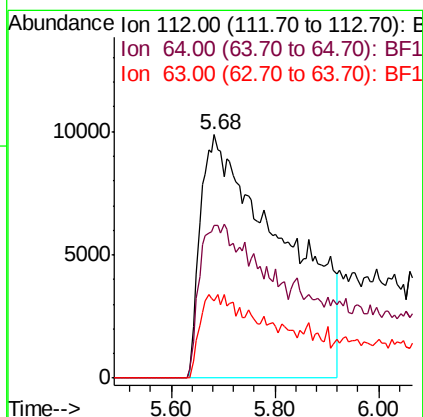
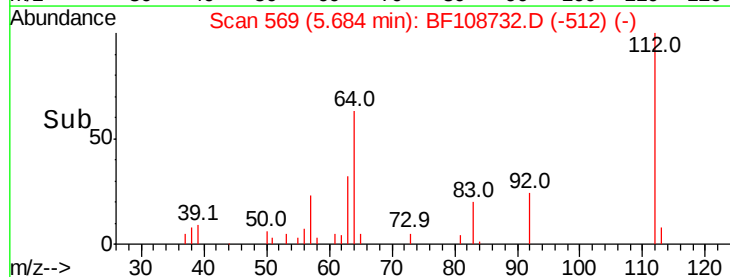


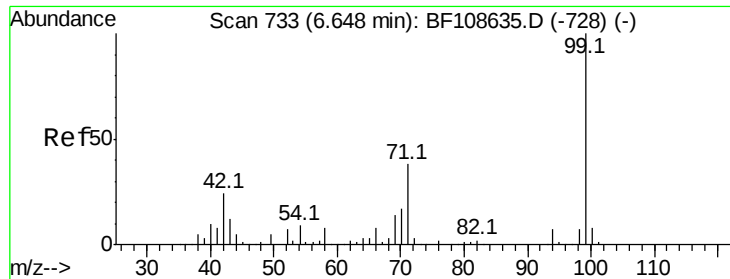
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.945 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108732.D

Acq: 1 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

082918-TIPC-E-U-S

Tot Ion: 99 Resp: 113578

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

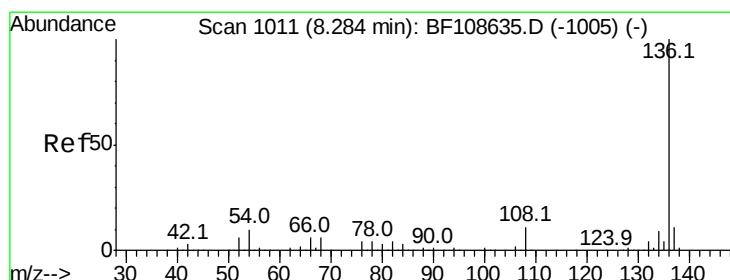
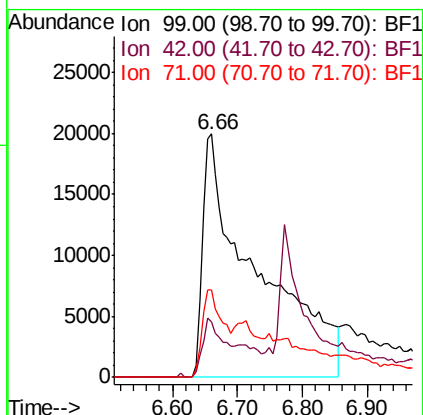
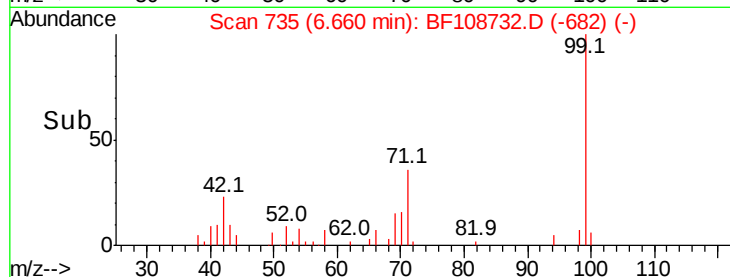
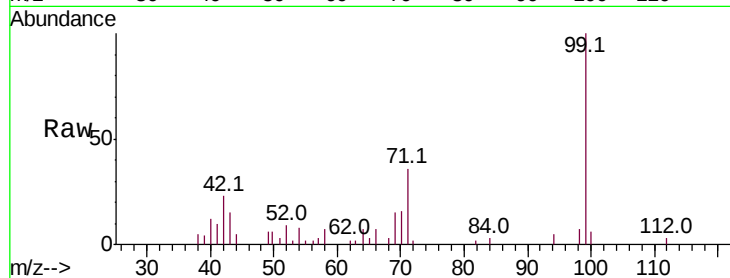
71 35.7 25.4 38.0

Manual Integrations

APPROVED

Sohil

9/4/2018 3:55:02 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF108732.D

Acq: 1 Sep 2018 11:28

Tgt Ion: 136 Resp: 270367

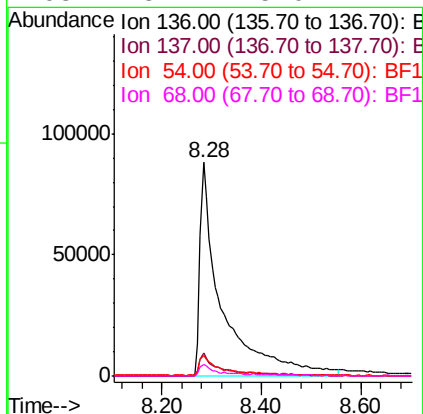
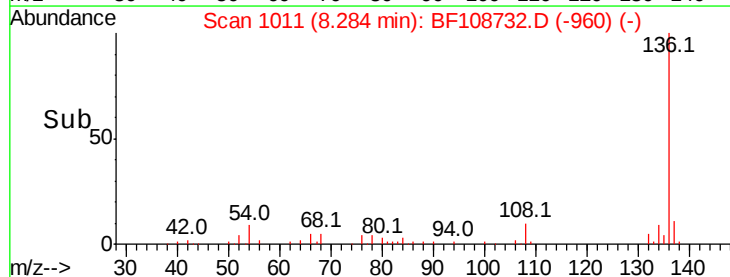
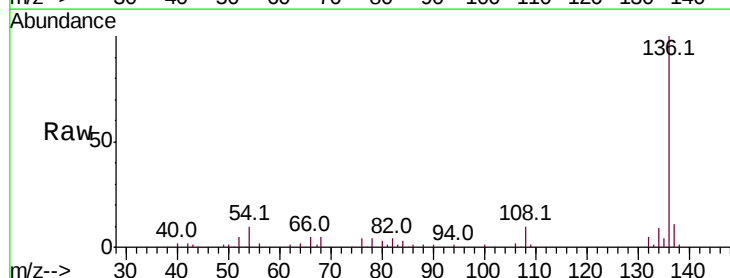
Ion Ratio Lower Upper

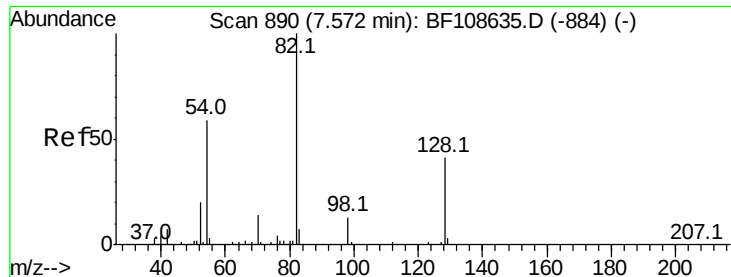
136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 5.4 5.0 7.4





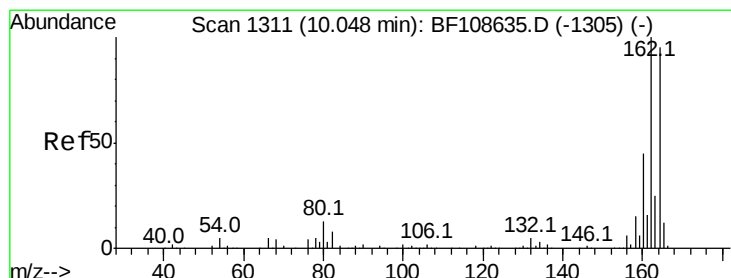
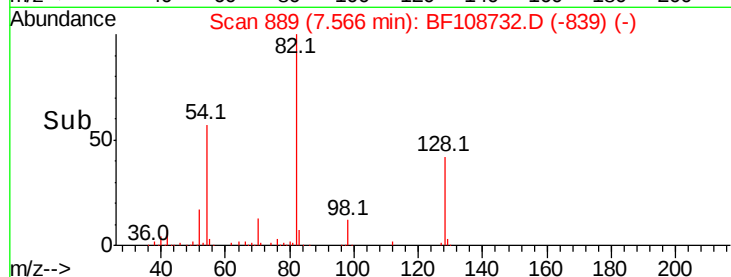
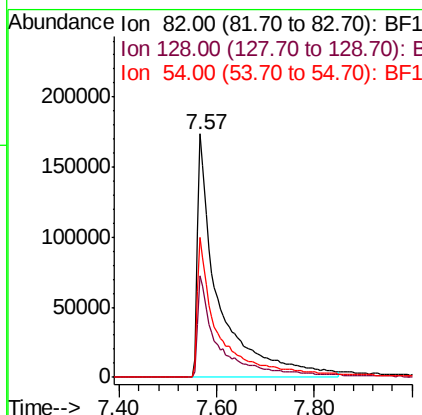
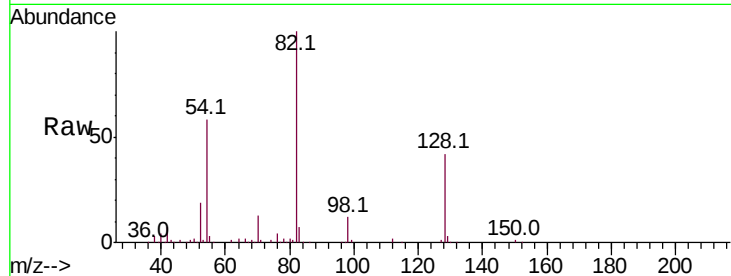
#23
 Nitrobenzene-d5
 Concen: 98.660 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108732.D
 Acq: 1 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 082918-TIPC-E-U-S

Tot Ion	82	Resp	525515
Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	57.5	41.4	62.2

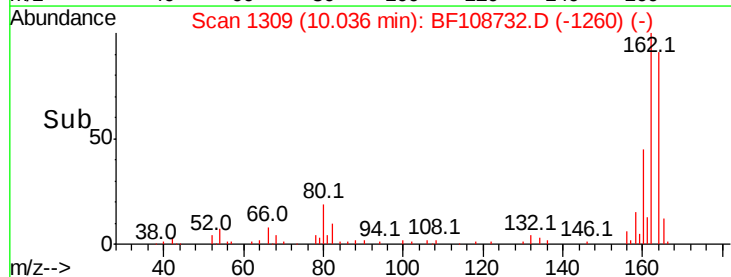
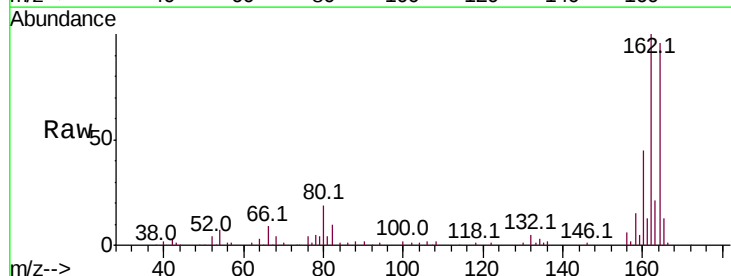
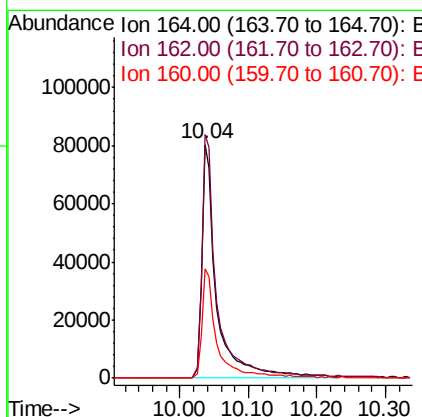
Manual Integrations
 APPROVED

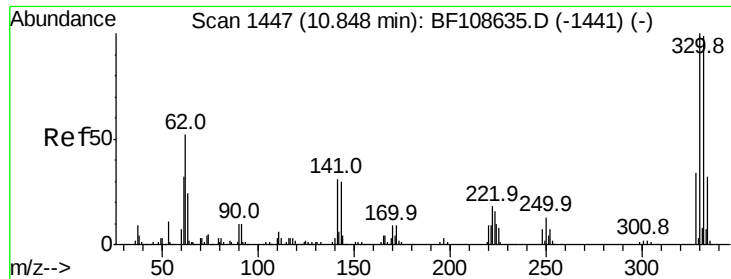
Sohil
 9/4/2018 3:55:02 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF108732.D
 Acq: 1 Sep 2018 11:28

Tgt Ion	164	Resp	124247
Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 82.035 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108732.D

Acq: 1 Sep 2018 11:28

Instrument :

BNA_F

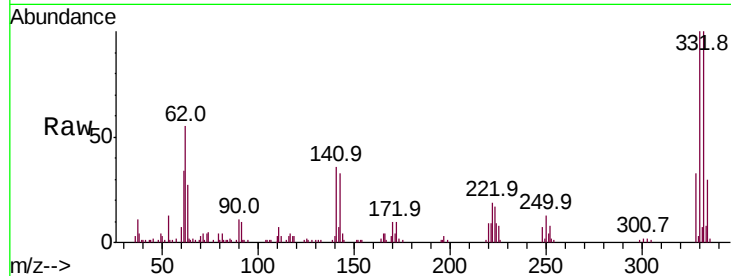
ClientSampleId :

082918-TIPC-E-U-S

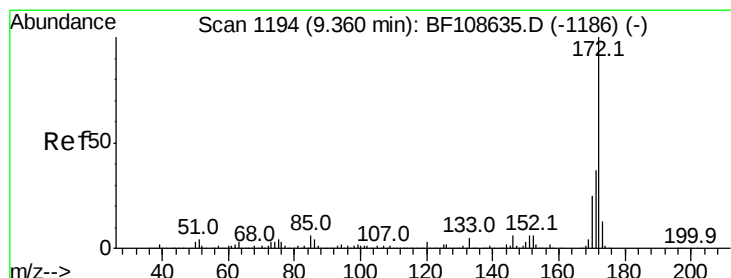
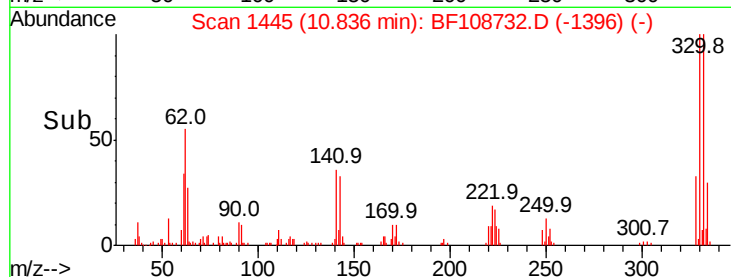
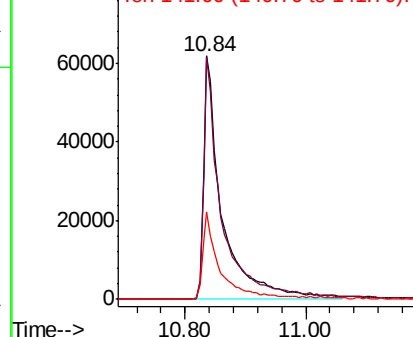
Tot Ion:	330	Resp:	134555
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.0	115.6
141	33.6	29.9	44.9

Manual Integrations
APPROVED

Sohil
9/4/2018 3:55:02 PM



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: 108.089 ng

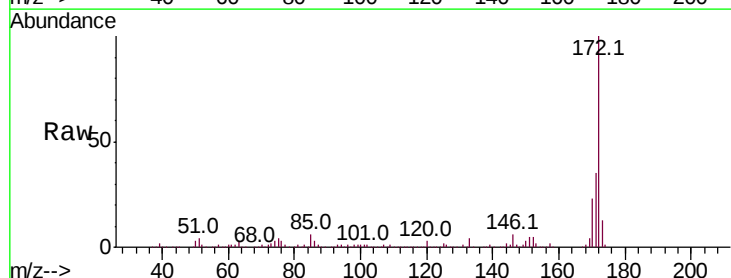
RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

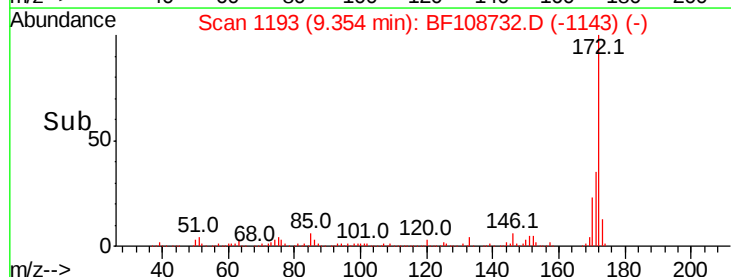
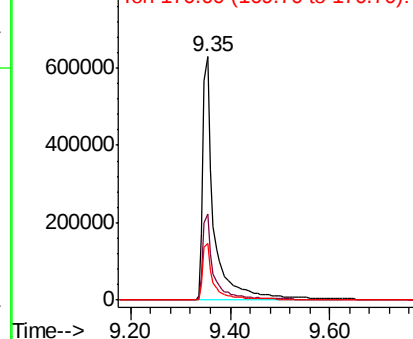
Lab File: BF108732.D

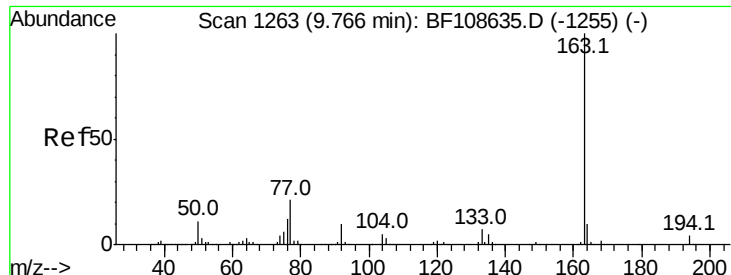
Acq: 1 Sep 2018 11:28

Tgt Ion:	172	Resp:	998809
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.4	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





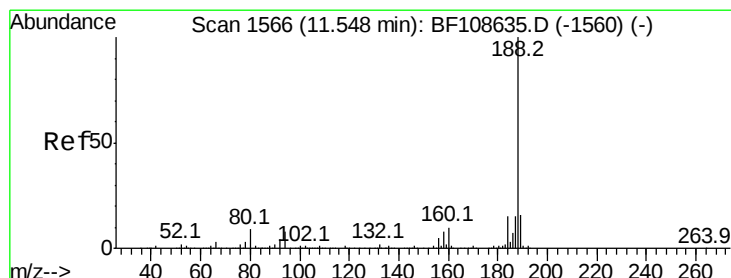
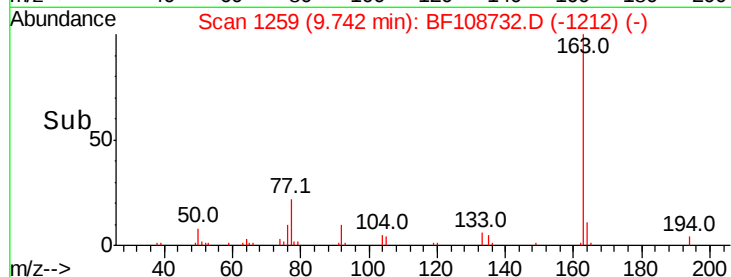
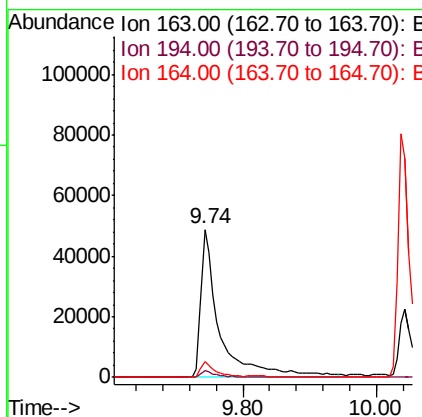
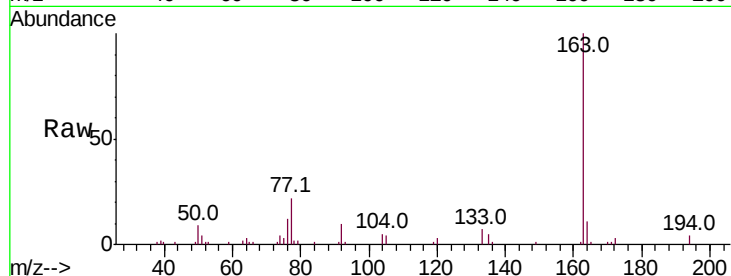
#49
Dimethylphthalate
Concen: 9.621 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108732.D
Acq: 1 Sep 2018 11:28

Instrument :
BNA_F
ClientSampleId :
082918-TIPC-E-U-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.7	8.2	12.2

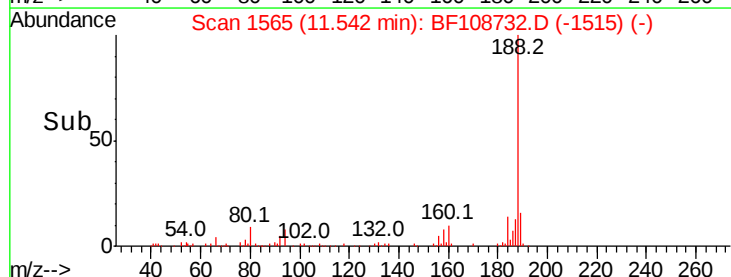
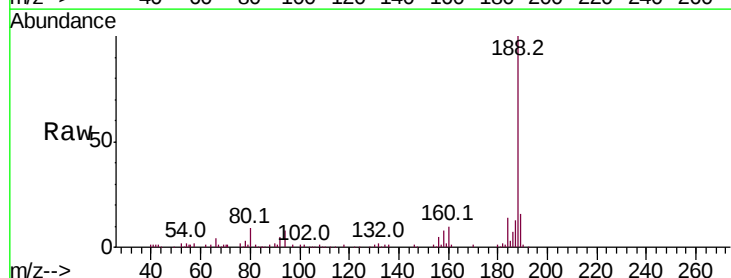
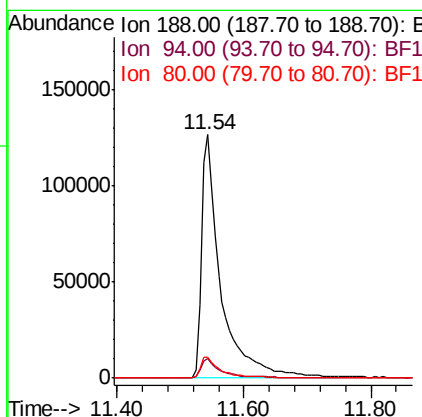
Manual Integrations
APPROVED

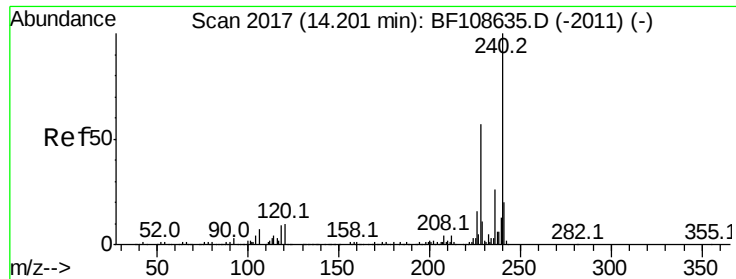
Sohil
9/4/2018 3:55:02 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108732.D
Acq: 1 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.7	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108732.D

Acq: 1 Sep 2018 11:28

Instrument :

BNA_F

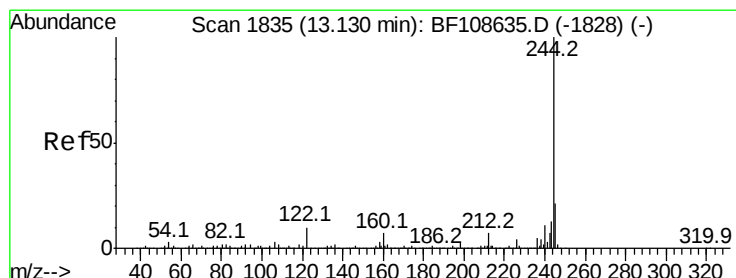
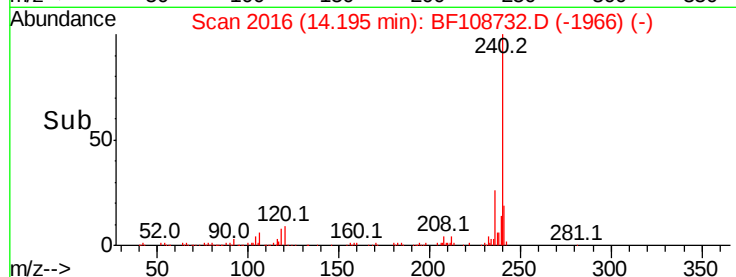
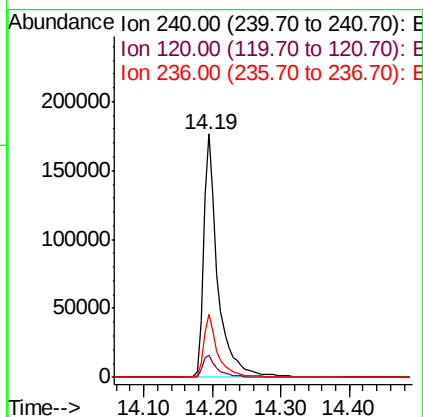
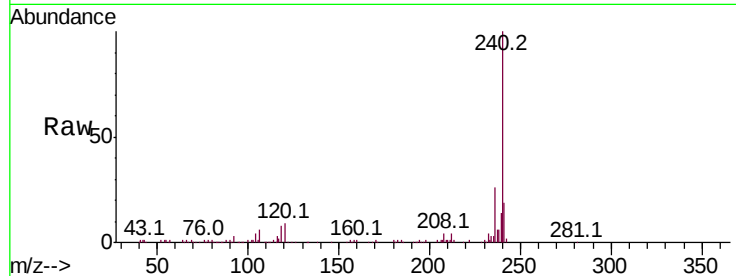
ClientSampleId :

082918-TIPC-E-U-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.1	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/4/2018 3:55:02 PM



#78

Terphenyl-d14

Concen: 76.749 ng

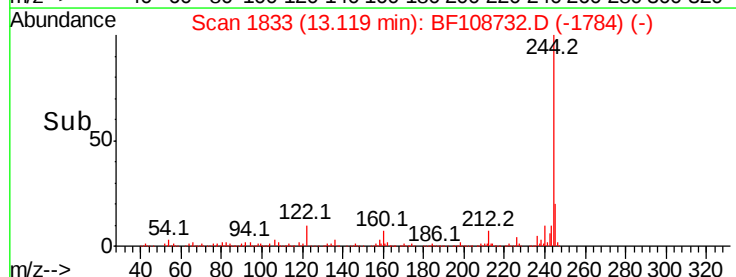
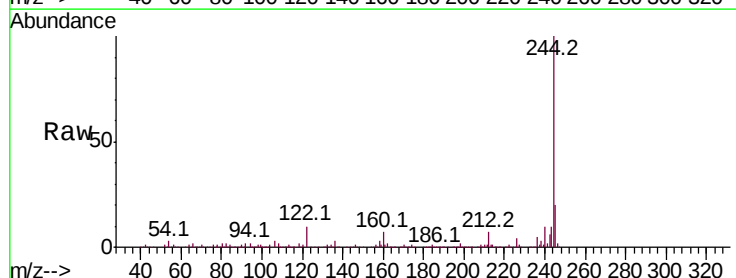
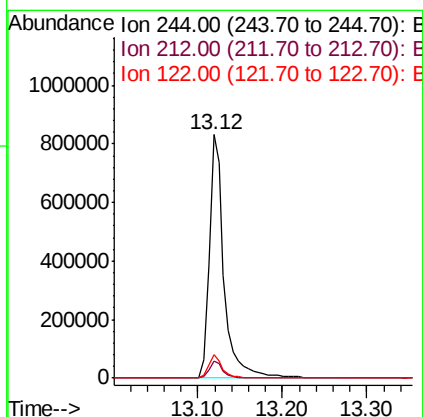
RT: 13.12 min Scan# 1833

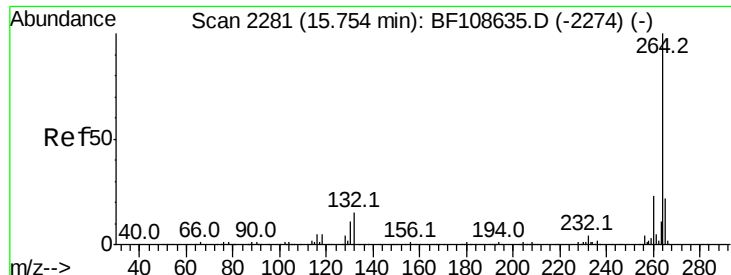
Delta R.T. -0.01 min

Lab File: BF108732.D

Acq: 1 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.8	11.0	16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF108732.D
Acq: 1 Sep 2018 11:28

Instrument :
BNA_F
ClientSampleId :
082918-TIPC-E-U-S

Tot Ion:	264	Resp:	172516
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	20.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/4/2018 3:55:02 PM

