

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087828.D
 Acq On : 9 Jun 2016 00:14
 Operator : UM/SJ
 Sample : H3399-20 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-37

Manual Integrations
 APPROVED

sohil
 6/9/2016 8:03:59 PM

Quant Time: Jun 09 05:25:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92257	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	386759	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	149830	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	219886	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	207008	20.00	ng	0.00
86) Perylene-d12	15.42	264	159081	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	266296	49.35	ng	-0.01
7) Phenol-d6	6.46	99	360821	55.17	ng	-0.02
23) Nitrobenzene-d5	7.38	82	177088	26.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	59279	37.47	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	352470	33.61	ng	-0.02
78) Terphenyl-d14	12.94	244	244985	26.93	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	47258	4.35	ng	99
74) Fluoranthene	12.56	202	39914	3.28	ng	99
77) Pyrene	12.79	202	38266	2.49	ng	100
80) Benzo(a)anthracene	13.98	228	23704	2.01	ng	95
87) Benzo(b)fluoranthene	15.01	252	22335m	2.01	ng	

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

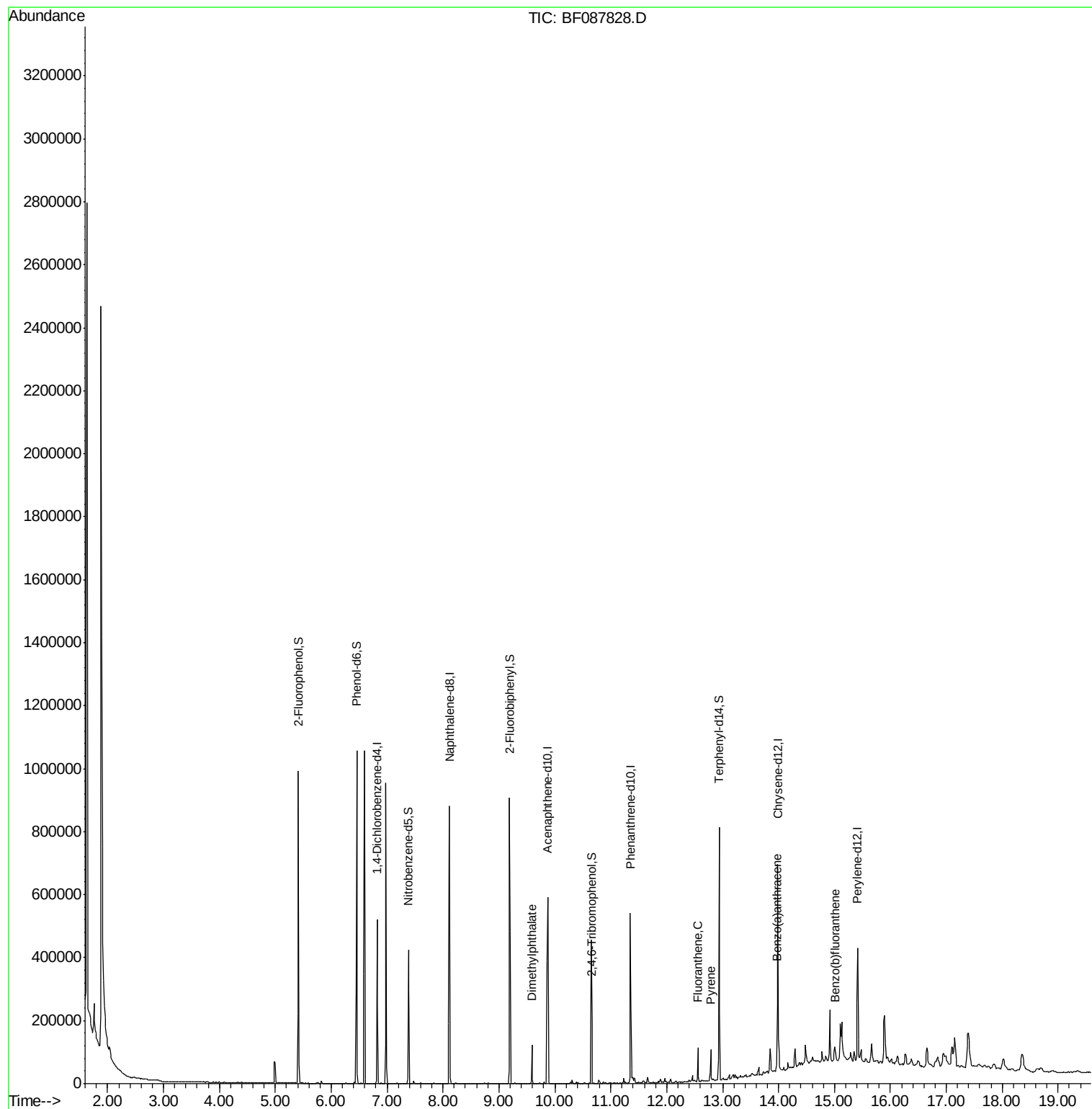
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087828.D
Acq On : 9 Jun 2016 00:14
Operator : UM/SJ
Sample : H3399-20 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

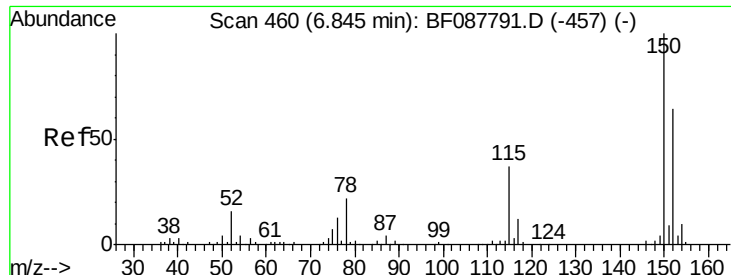
Instrument :
BNA_F
ClientSampleId :
SS-37

Manual Integrations
APPROVED

sohil
6/9/2016 8:03:59 PM

Quant Time: Jun 09 05:25:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration





#1

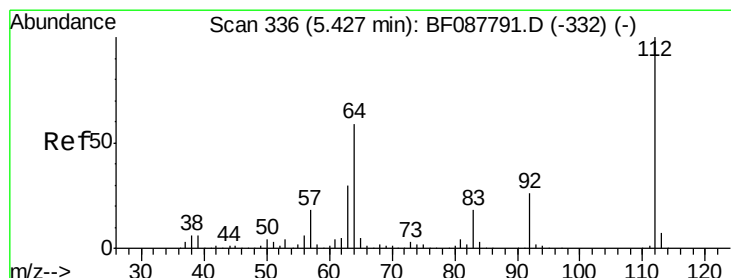
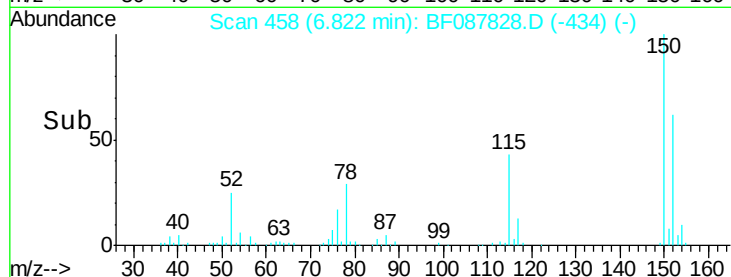
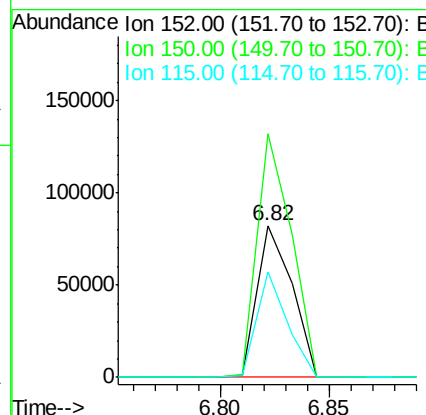
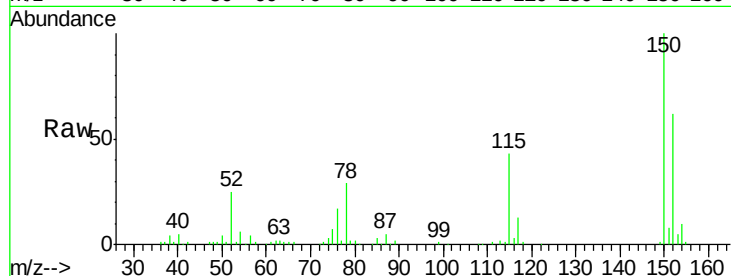
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087828.D
Acq: 9 Jun 2016 00:14

Instrument :
BNA_F
ClientSampled :
SS-37

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.8	185.6
115	69.6	39.6	59.4

Manual Integrations
APPROVED

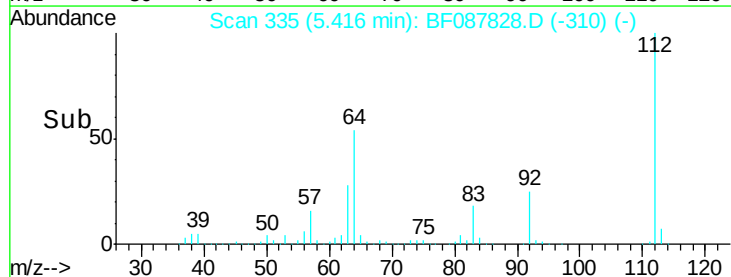
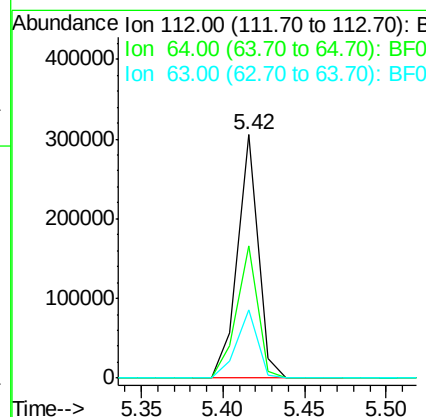
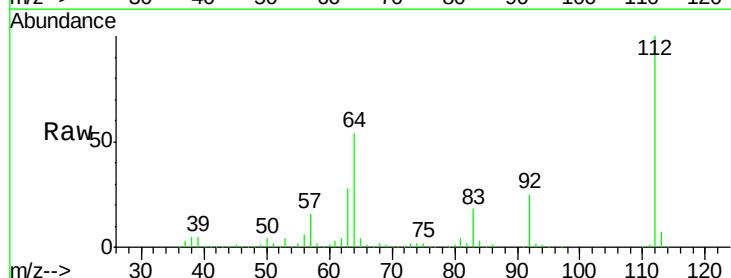
sohil
6/9/2016 8:03:59 PM

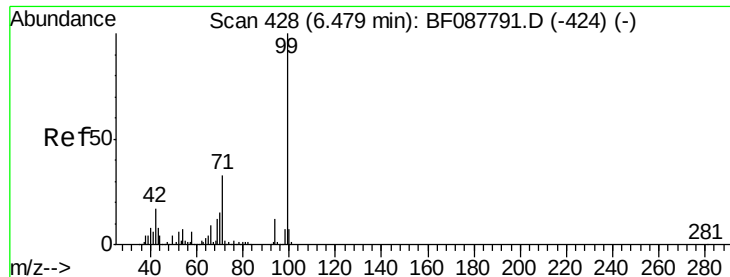


#5

2-Fluorophenol
Concen: 49.35 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087828.D
Acq: 9 Jun 2016 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.2	63.2
63	27.9	21.8	32.8





#7

Phenol-d6

Concen: 55.17 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

Instrument :

BNA_F

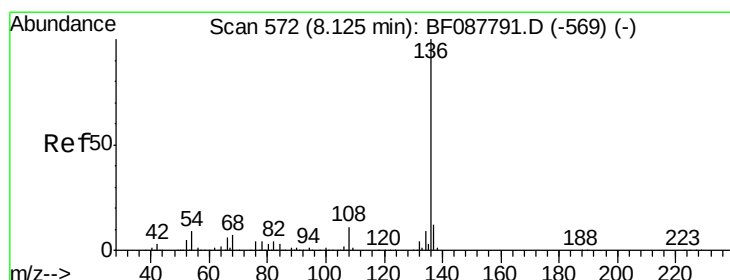
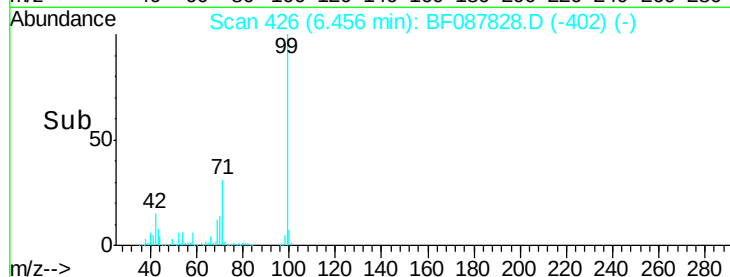
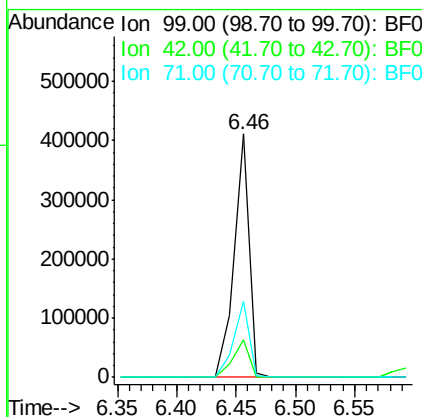
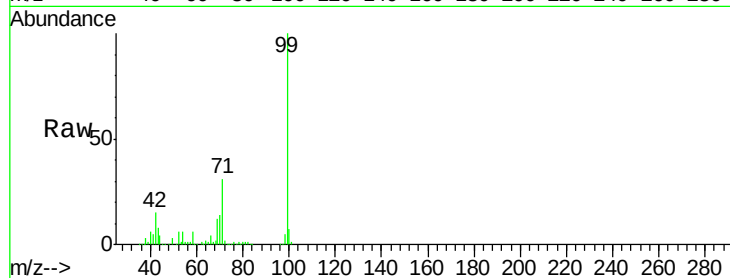
ClientSampled :

SS-37

Tot Ion:	99	Resp:	360821
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.2	18.2
71	31.4	23.4	35.0

Manual Integrations
APPROVED

sohil
6/9/2016 8:03:59 PM



#21

Naphthalene-d8

Concen: 20.00 ng

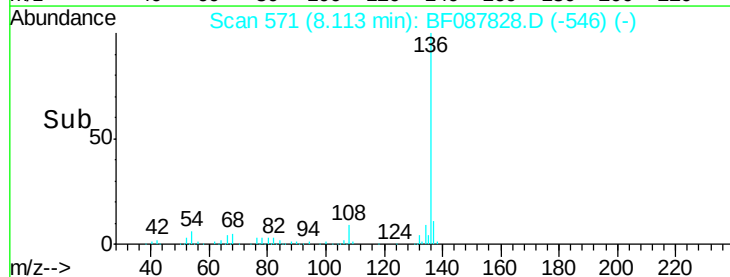
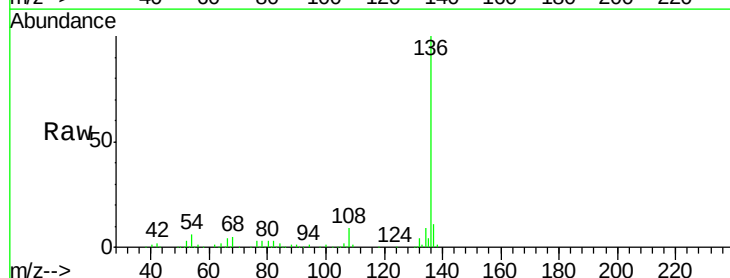
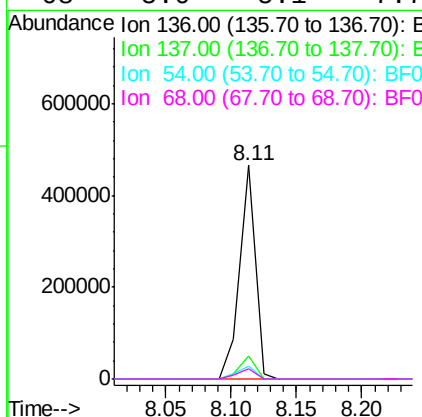
RT: 8.11 min Scan# 571

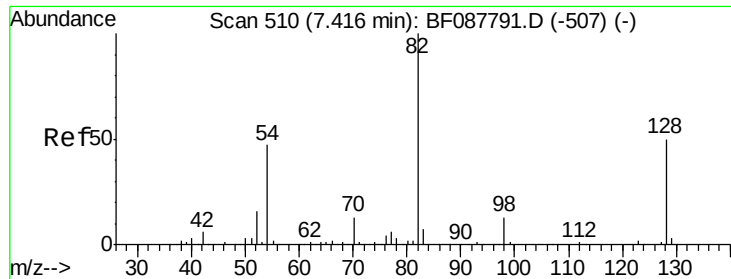
Delta R.T. -0.01 min

Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

Tgt Ion:	136	Resp:	386759
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.1	6.6	10.0#
68	5.0	5.1	7.7#





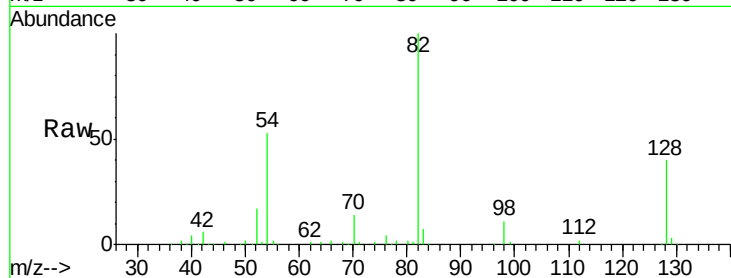
#23
 Nitrobenzene-d5
 Concen: 26.74 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087828.D
 Acq: 9 Jun 2016 00:14

Instrument :
 BNA_F
 ClientSampled :
 SS-37

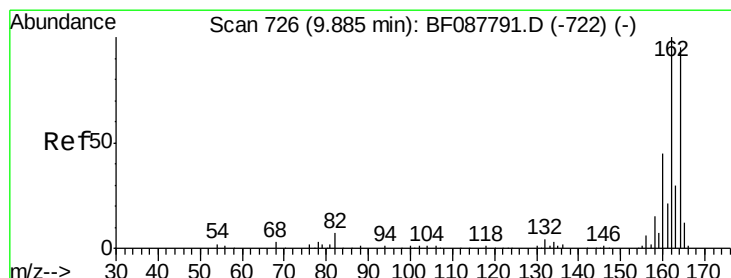
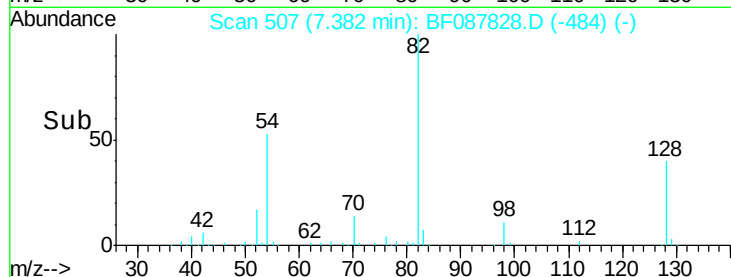
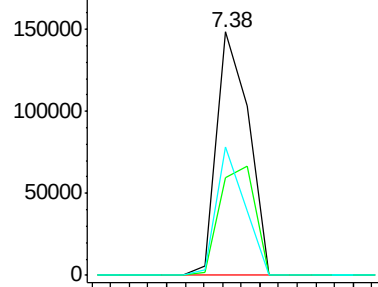
Tot Ion:	82	Resp:	177088
Ion Ratio	Lower	Upper	
82	100		
128	40.3	35.9	53.9
54	52.7	40.9	61.3

Manual Integrations
 APPROVED

sohil
 6/9/2016 8:03:59 PM



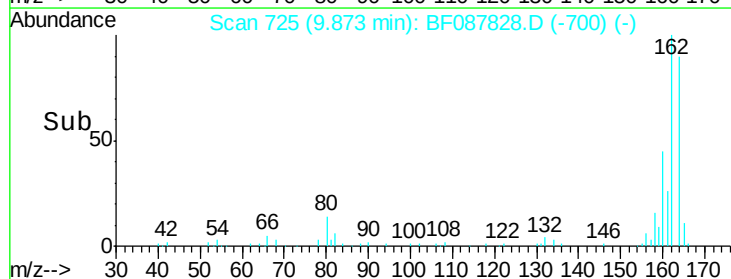
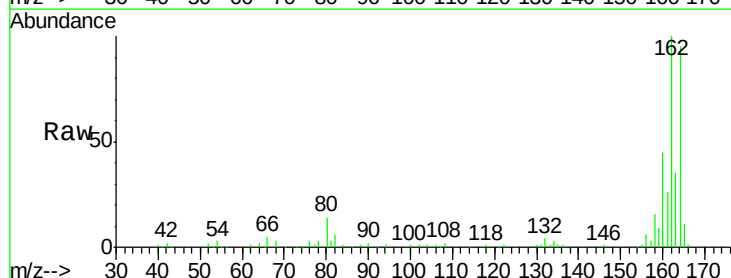
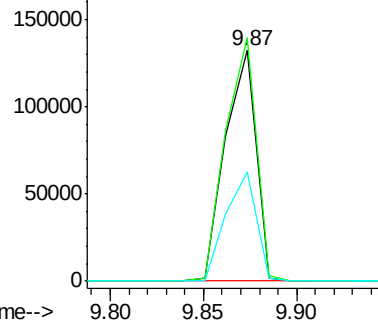
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

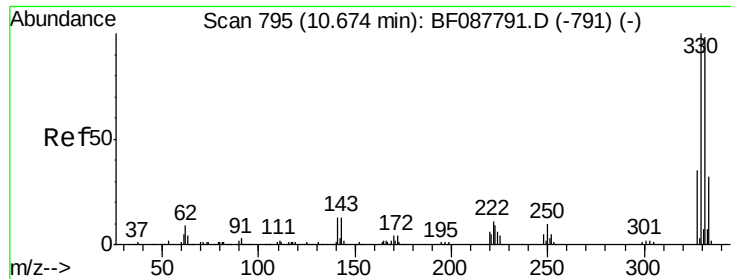


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087828.D
 Acq: 9 Jun 2016 00:14

Tgt Ion:	164	Resp:	149830
Ion Ratio	Lower	Upper	
164	100		
162	105.8	85.4	128.2
160	47.7	39.5	59.3

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





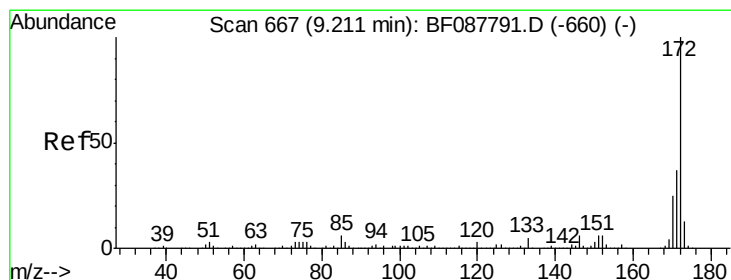
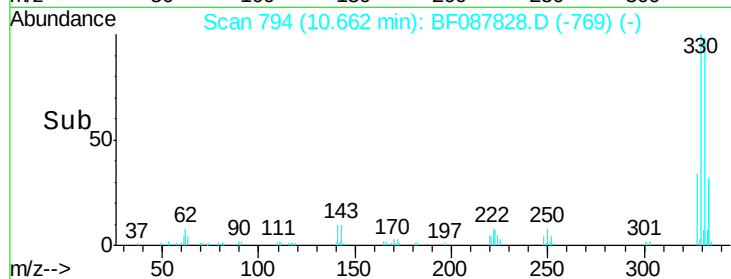
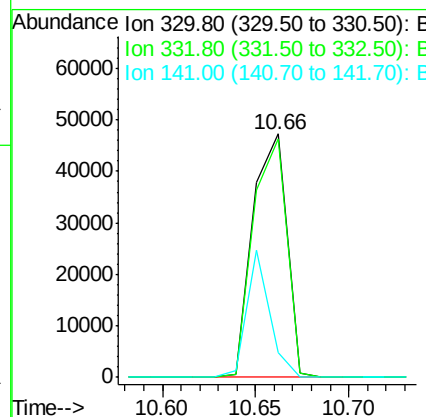
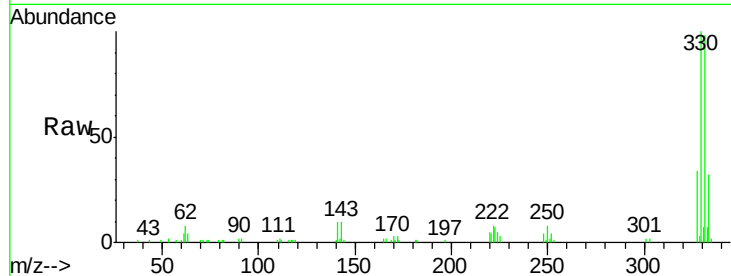
#41
 2,4,6-Tribromophenol
 Concen: 37.47 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087828.D
 Acq: 9 Jun 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 SS-37

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	35.6	0.0	0.0#

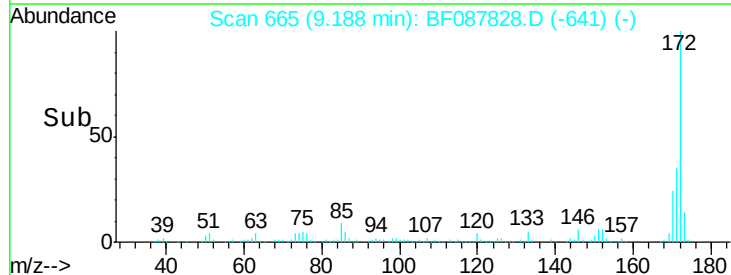
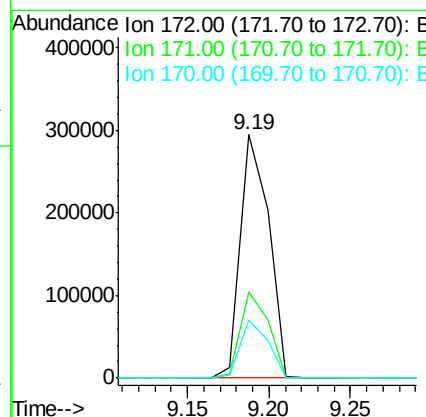
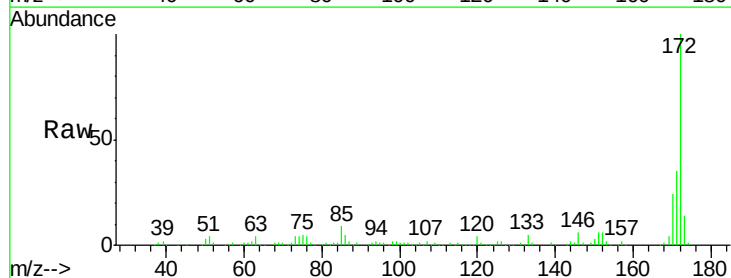
Manual Integrations
 APPROVED

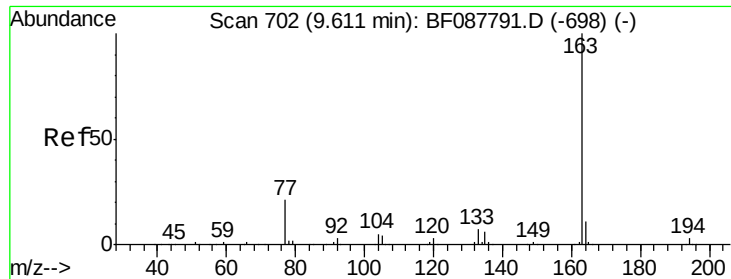
sohil
 6/9/2016 8:03:59 PM



#44
 2-Fluorobiphenyl
 Concen: 33.61 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087828.D
 Acq: 9 Jun 2016 00:14

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.6	19.2	28.8





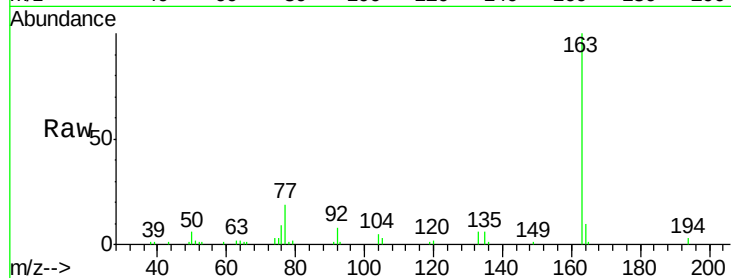
#49
Dimethylphthalate
Concen: 4.35 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087828.D
Acq: 9 Jun 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SS-37

Tot Ion	Ratio	Resp	Lower	Upper
163	100	47258		
194	3.2		2.8	4.2
164	10.1		8.3	12.5

Manual Integrations
APPROVED

sohil
6/9/2016 8:03:59 PM

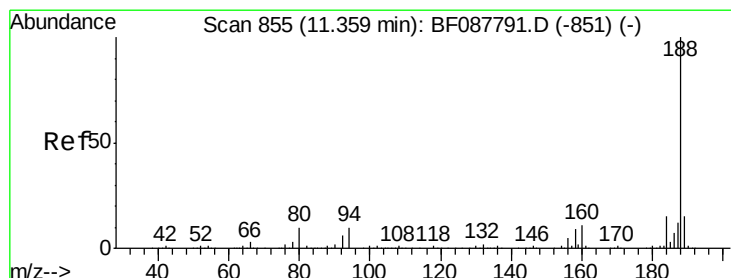
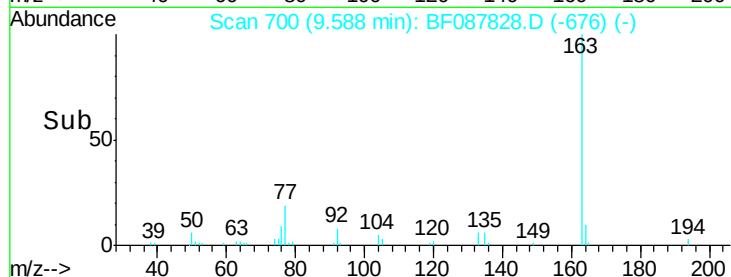
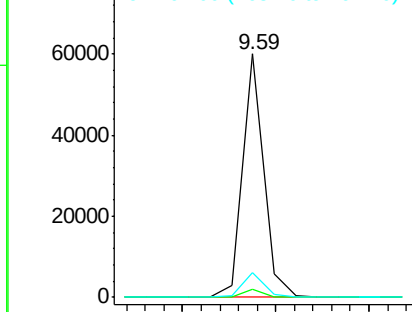


Abundance

Ion 163.00 (162.70 to 163.70): E

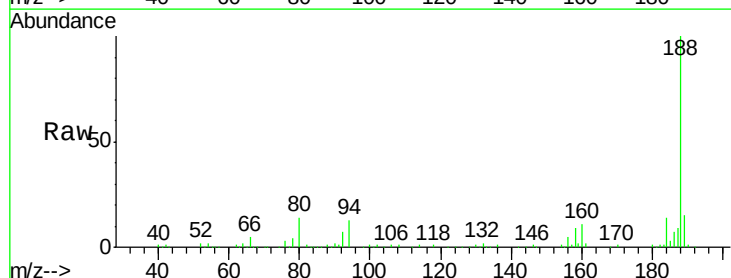
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087828.D
Acq: 9 Jun 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	219886		
94	12.5		9.0	13.6
80	14.0		10.0	15.0

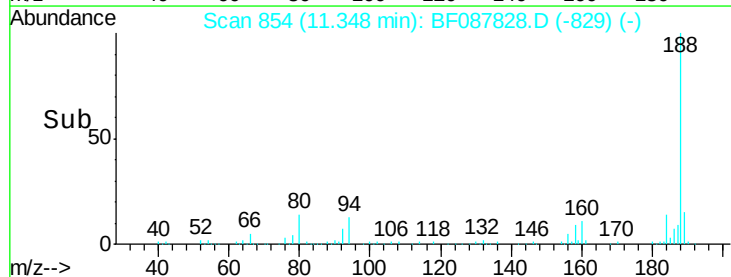
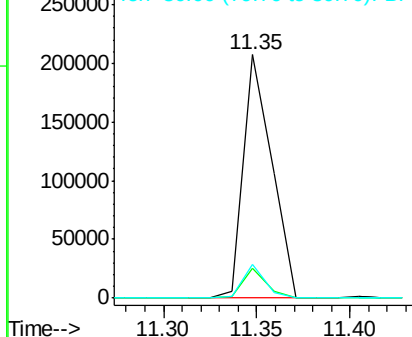


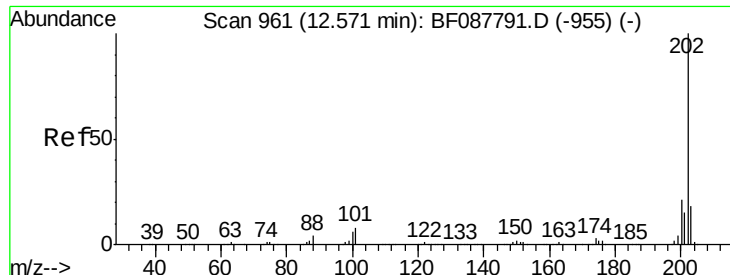
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.28 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

Instrument :

BNA_F

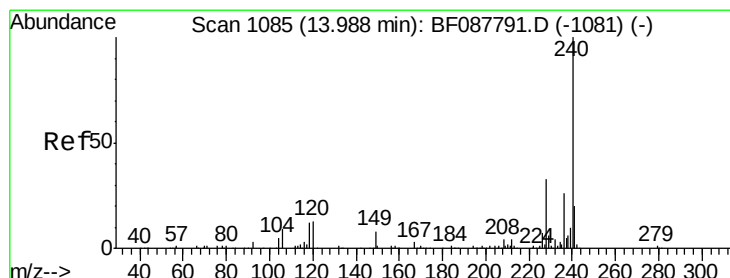
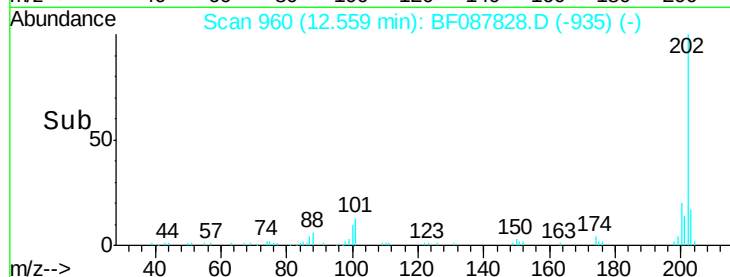
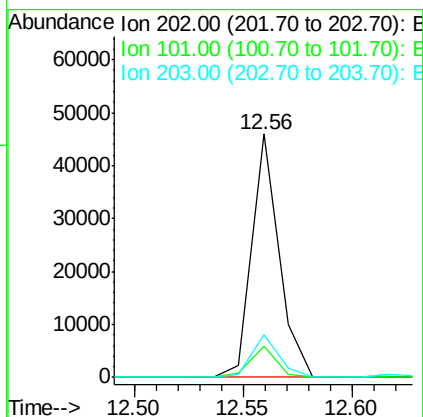
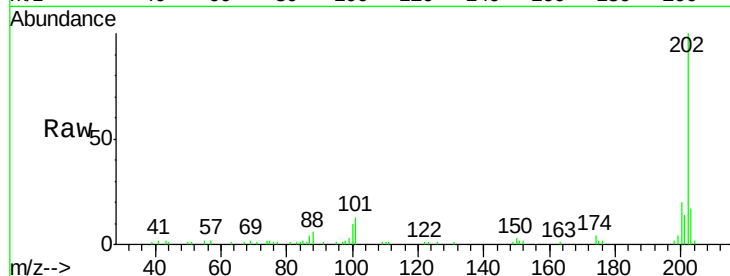
ClientSampleId :

SS-37

Tot Ion:	202	Resp:	39914
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.1
203	17.3	0.0	38.1

Manual Integrations
APPROVED

sohil
6/9/2016 8:03:59 PM



#75

Chrysene-d12

Concen: 20.00 ng

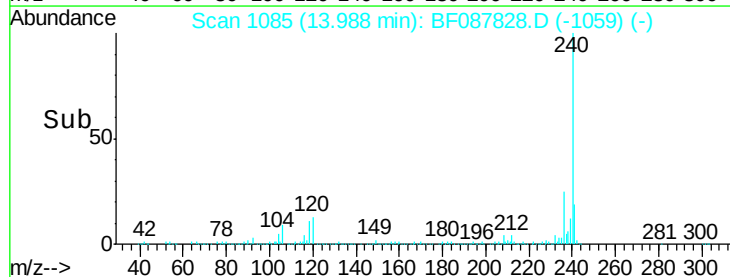
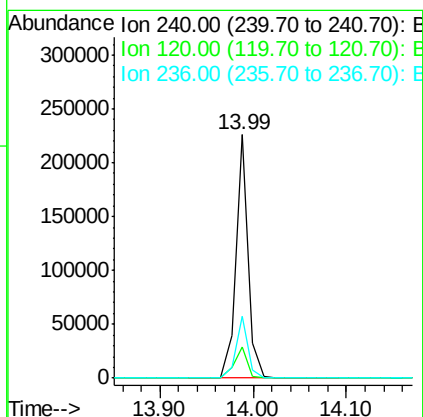
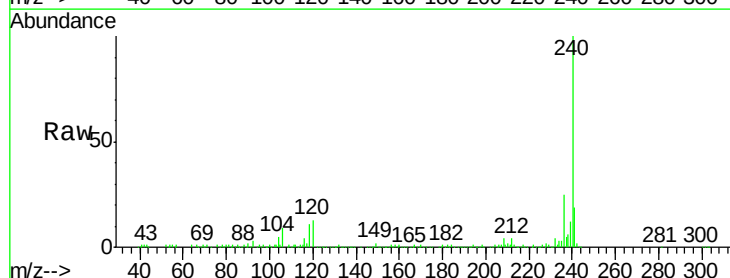
RT: 13.99 min Scan# 1085

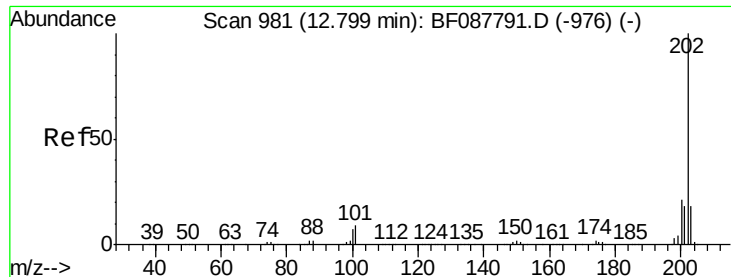
Delta R.T. -0.00 min

Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

Tgt Ion:	240	Resp:	207008
Ion Ratio	Lower	Upper	
240	100		
120	12.7	6.8	10.2#
236	25.5	20.2	30.2





#77

Pvrene

Concen: 2.49 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

Instrument :

BNA_F

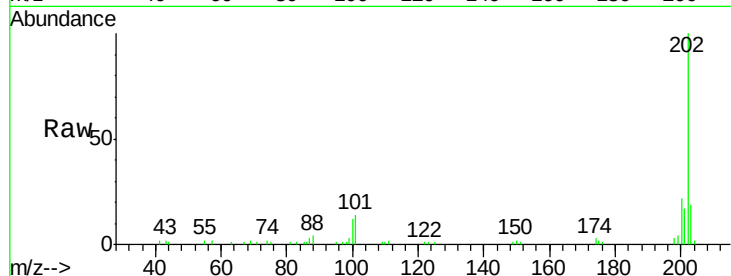
ClientSampleId :

SS-37

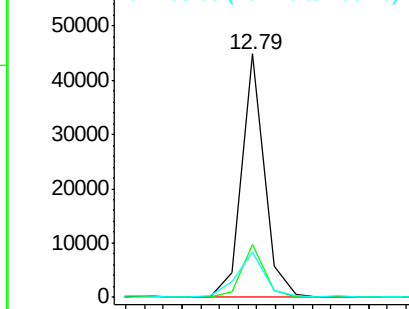
Tot Ion:	202	Resp:	38266
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.5	14.5	21.7

Manual Integrations
APPROVED

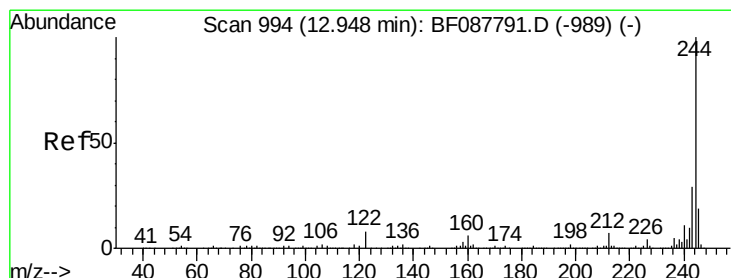
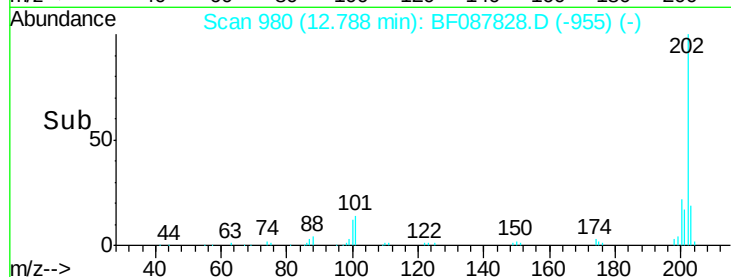
sohil
6/9/2016 8:03:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 26.93 ng

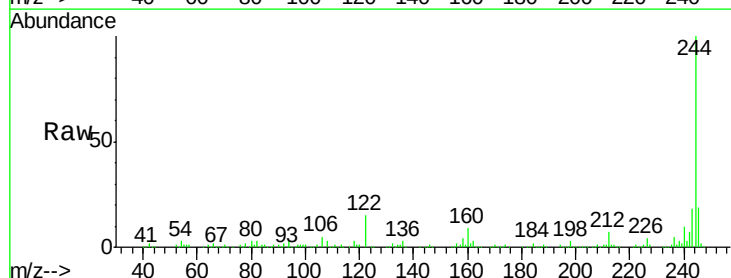
RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

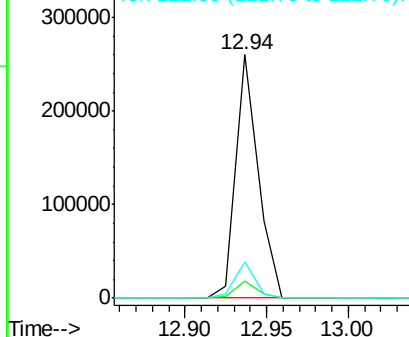
Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

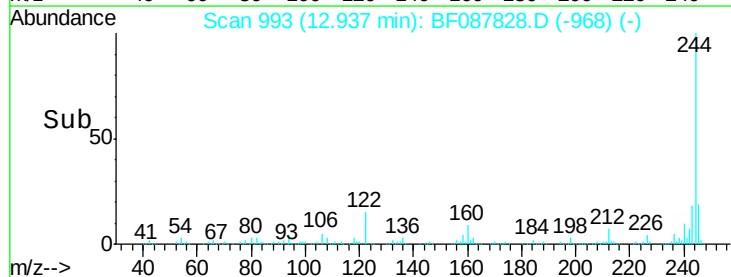
Tgt Ion:	244	Resp:	244985
Ion Ratio		Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.9	11.2	16.8

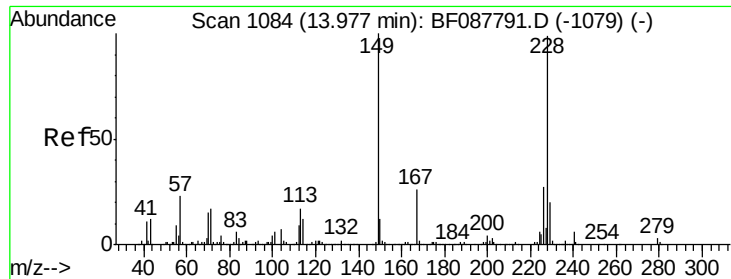


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





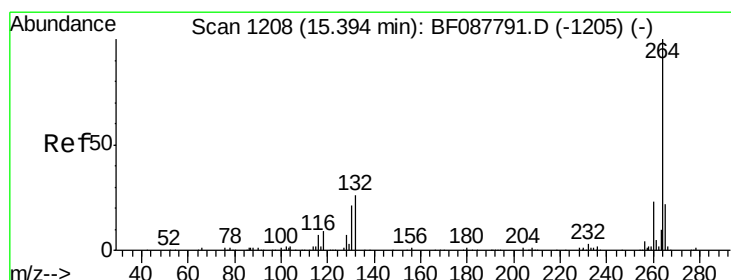
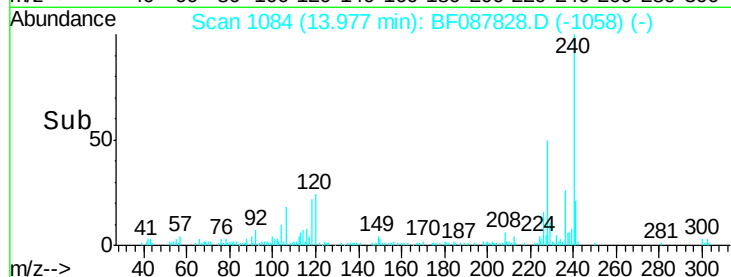
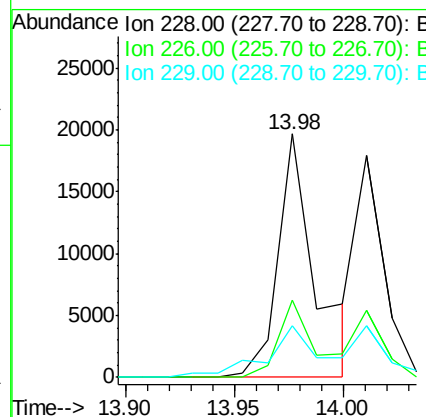
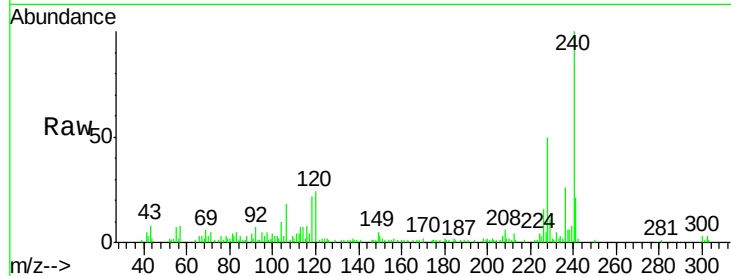
#80
Benzo(a)anthracene
Concen: 2.01 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087828.D
Acq: 9 Jun 2016 00:14

Instrument :
BNA_F
ClientSampled :
SS-37

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.3	33.5
229	21.0	16.0	24.0

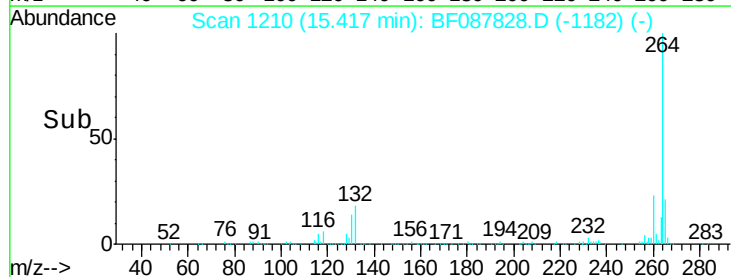
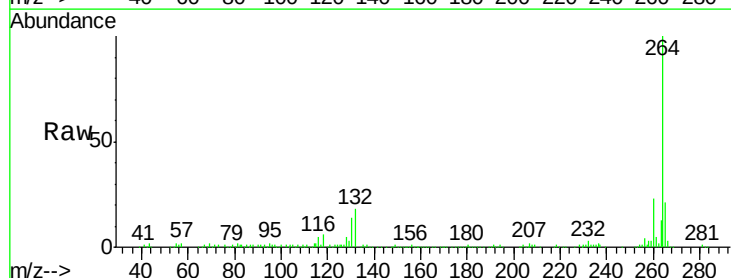
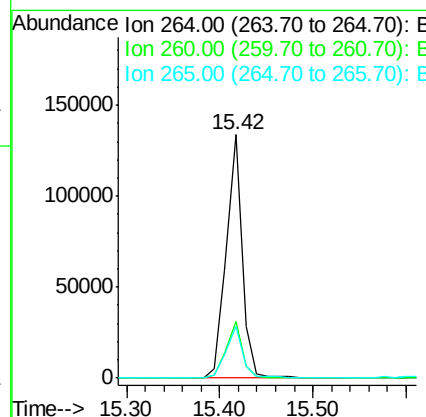
Manual Integrations
APPROVED

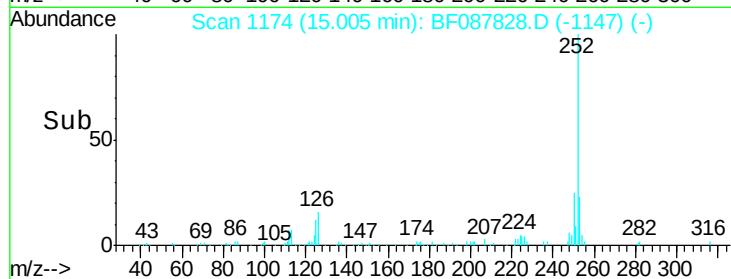
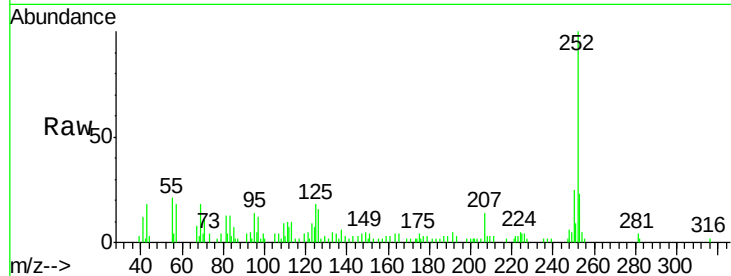
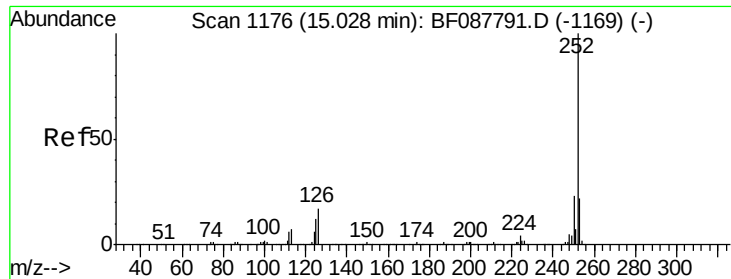
sohil
6/9/2016 8:03:59 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF087828.D
Acq: 9 Jun 2016 00:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 2.01 ng m

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087828.D

Acq: 9 Jun 2016 00:14

Instrument :

BNA_F

ClientSampleId :

SS-37

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	17.8	7.1	10.7

Manual Integrations
APPROVED

sohil
6/9/2016 8:03:59 PM

