

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085925.D
 Acq On : 31 Mar 2016 14:07
 Operator : UM/SJ
 Sample : H2075-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Manual Integrations
 APPROVED

Sohil
 4/1/2016 9:46:33 PM

Quant Time: Apr 01 11:14:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110338	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	450059	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	207373	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	369806	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	247325	20.00	ng	-0.02
86) Perylene-d12	15.36	264	204060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	799724	120.71	ng	-0.01
7) Phenol-d6	6.42	99	973399	115.56	ng	-0.02
23) Nitrobenzene-d5	7.36	82	639254	79.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	242816	123.24	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	949208	76.48	ng	-0.01
78) Terphenyl-d14	12.89	244	763253	63.47	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	180787	11.49	ng	100
74) Fluoranthene	12.53	202	66874	3.31	ng	90
77) Pyrene	12.75	202	65158	3.20	ng	97
80) Benzo(a)anthracene	13.93	228	30270	2.15	ng	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	23041	2.10	ng	96
87) Benzo(b)fluoranthene	14.96	252	31041m	2.41	ng	
89) Benzo(a)pyrene	15.31	252	25776	2.26	ng	95
91) Benzo(g,h,i)perylene	17.15	276	26130	2.43	ng	96

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

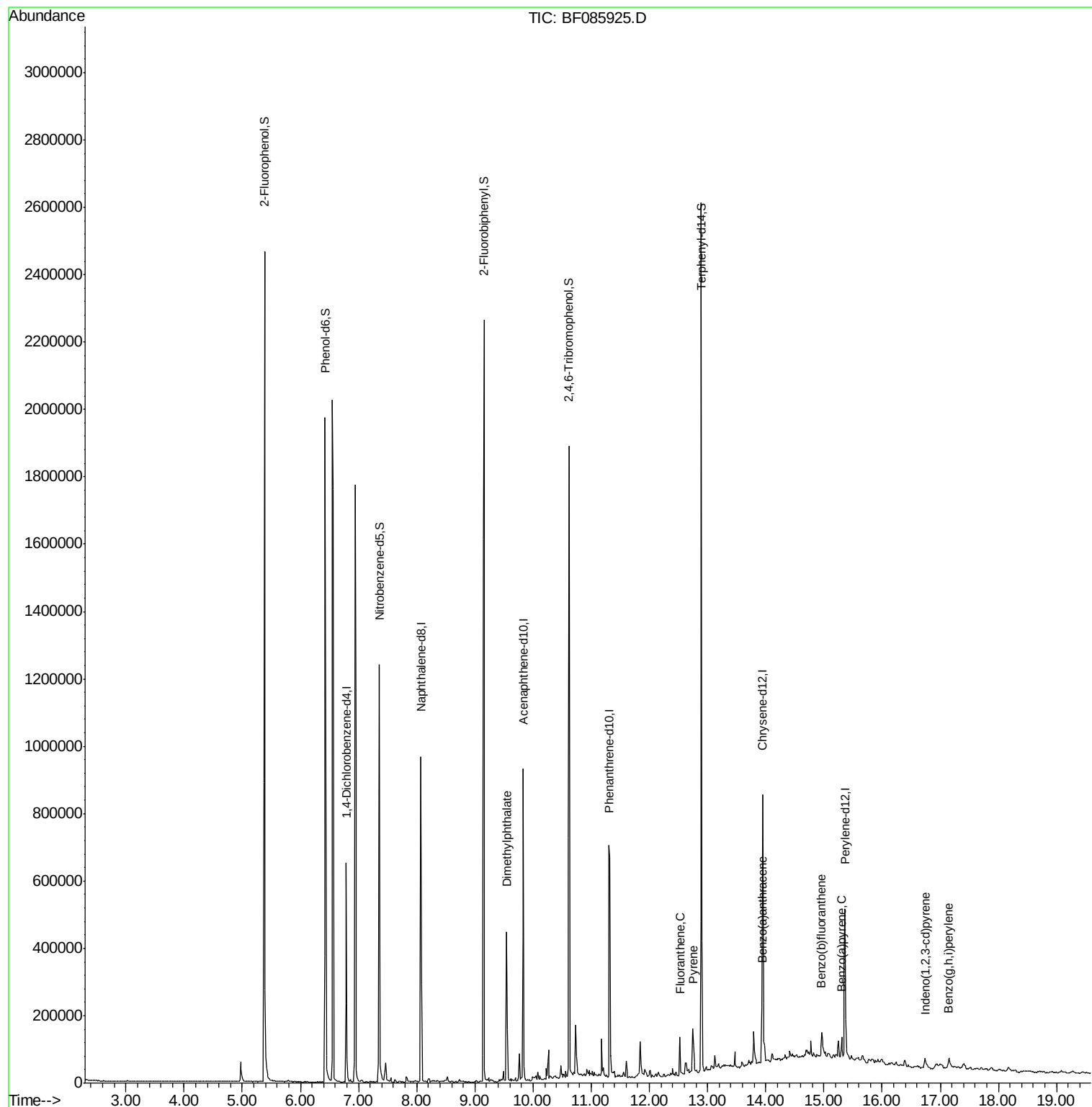
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085925.D
Acq On : 31 Mar 2016 14:07
Operator : UM/SJ
Sample : H2075-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

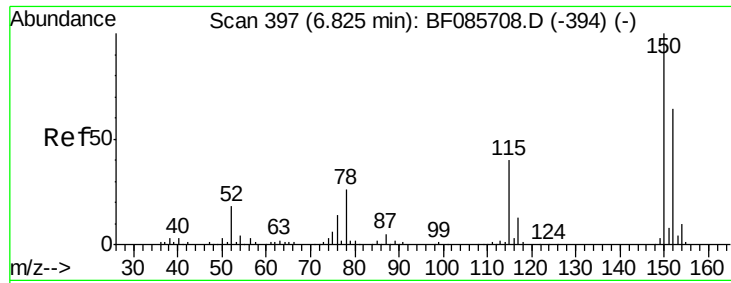
Instrument :
BNA_F
ClientSampleId :
SP-9

Manual Integrations
APPROVED

Sohil
4/1/2016 9:46:33 PM

Quant Time: Apr 01 11:14:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

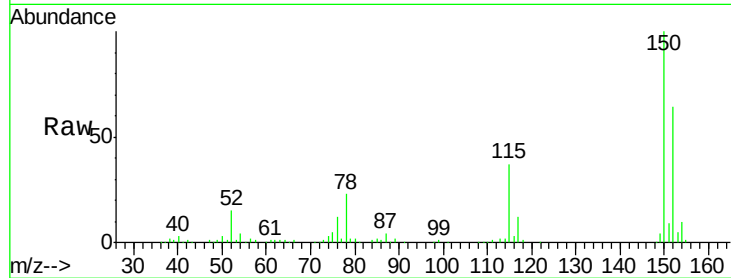




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

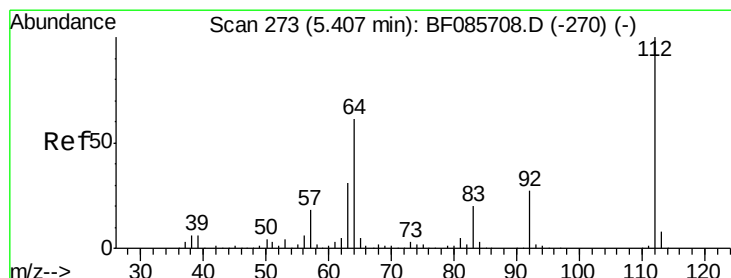
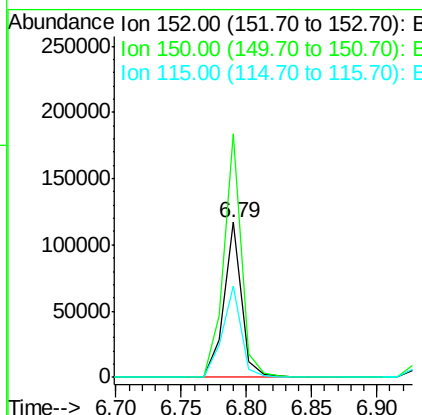
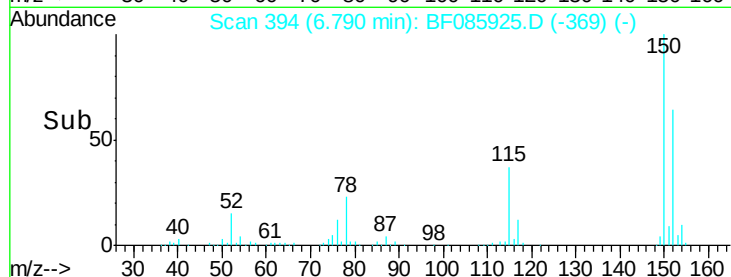
Instrument :
BNA_F
ClientSampled :
SP-9



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	58.6	47.0	70.6

Manual Integrations
APPROVED

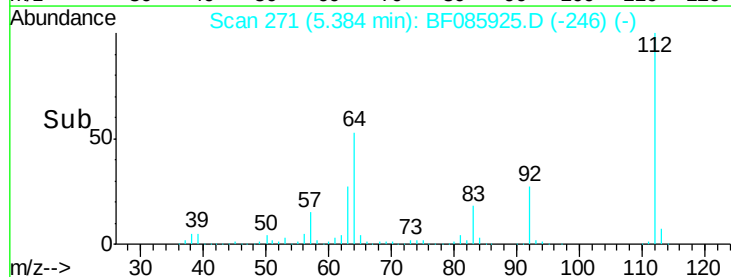
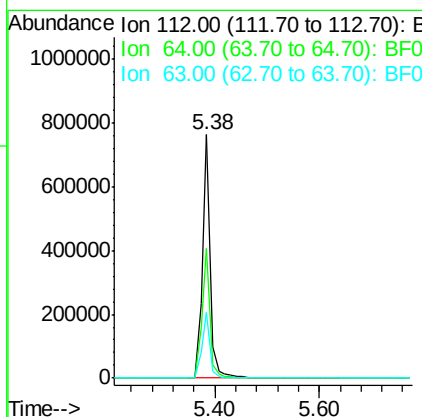
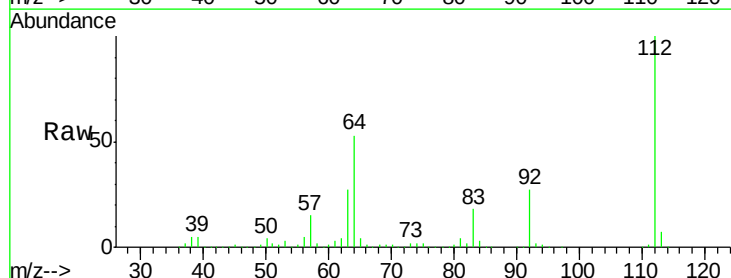
Sohil
4/1/2016 9:46:33 PM

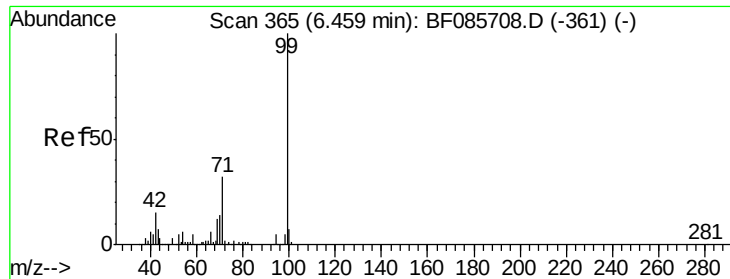


#5

2-Fluorophenol
Concen: 120.71 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.9	59.9
63	26.9	20.2	30.2





#7

Phenol-d6

Concen: 115.56 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085925.D

Acq: 31 Mar 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SP-9

Tgt Ion: 99 Resp: 973399

Ion Ratio Lower Upper

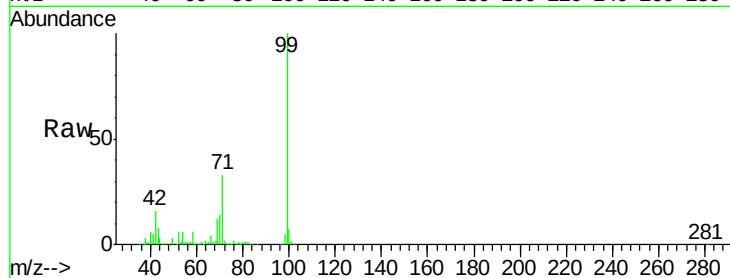
99 100

42 15.7 11.1 16.7

71 33.3 24.9 37.3

Manual Integrations
APPROVED

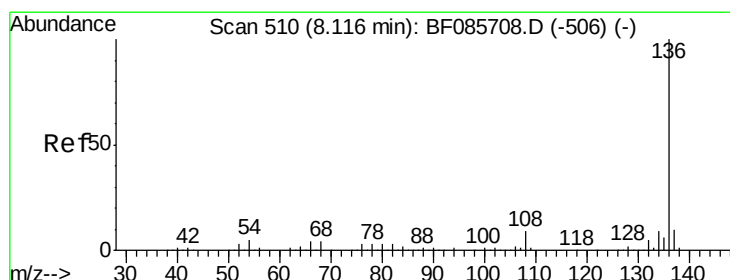
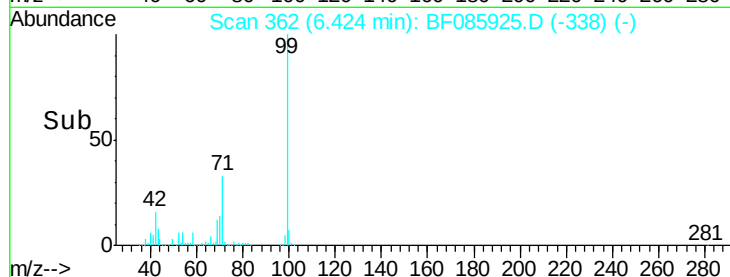
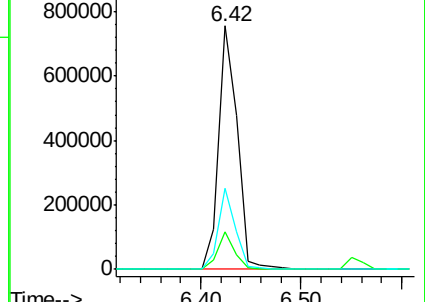
Sohil
4/1/2016 9:46:33 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085925.D

Acq: 31 Mar 2016 14:07

Tgt Ion: 136 Resp: 450059

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 7.4 11.0

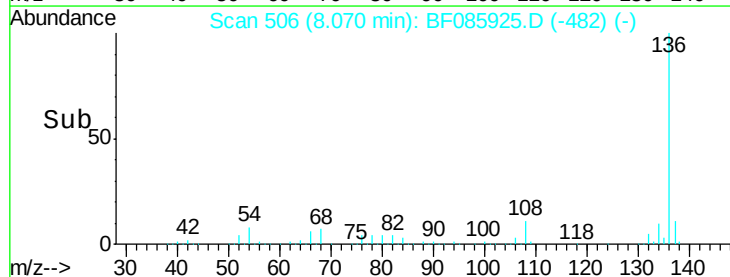
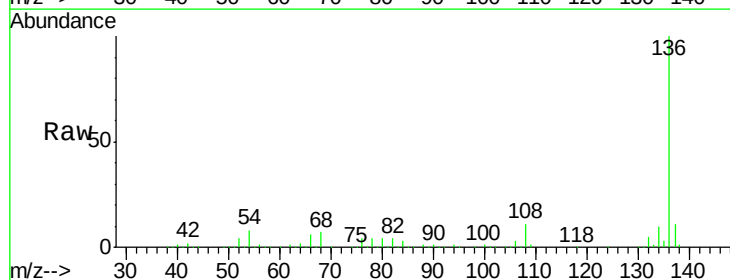
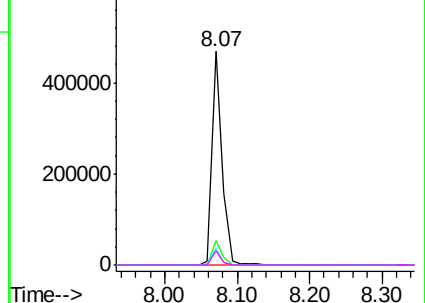
68 6.7 5.8 8.8

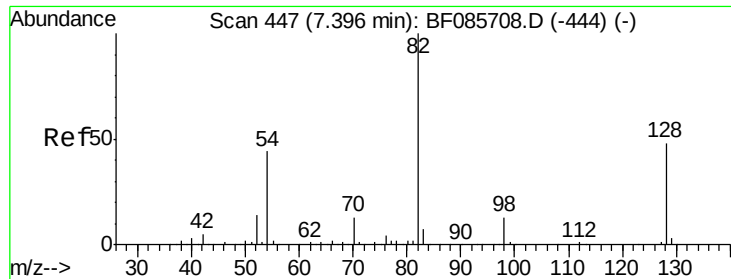
Abundance Ion 136.00 (135.70 to 136.70): E

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





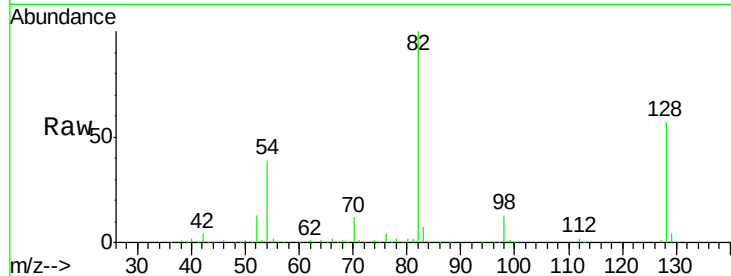
#23
Nitrobenzene-d5
Concen: 79.99 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

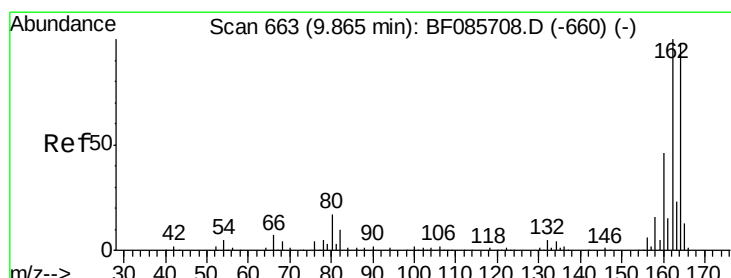
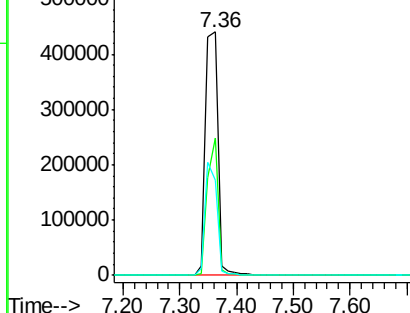
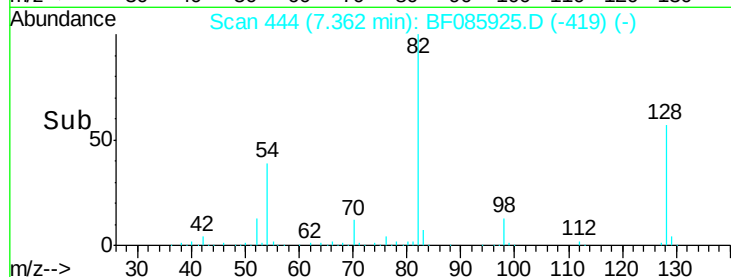
Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.5	41.8	62.8
54	38.9	33.4	50.0

Manual Integrations
APPROVED

Sohil
4/1/2016 9:46:33 PM

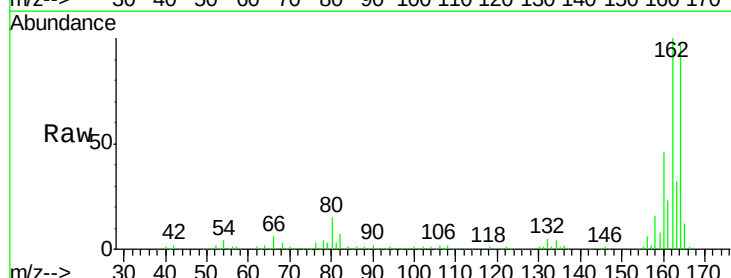


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

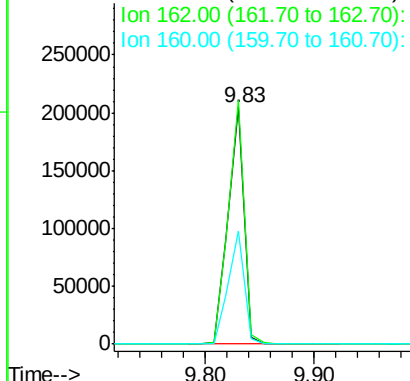
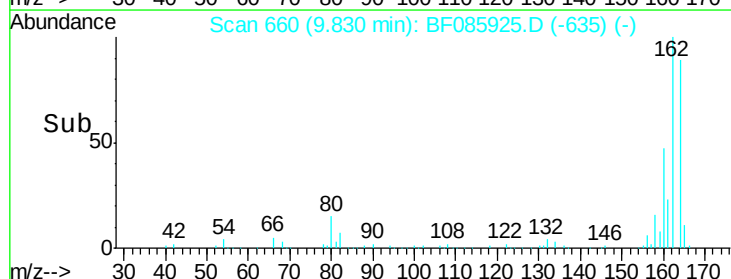


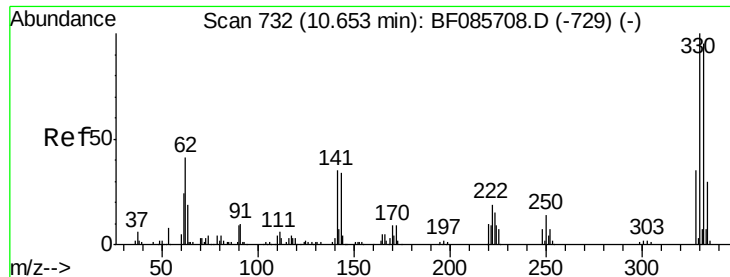
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.7	37.4	56.2



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





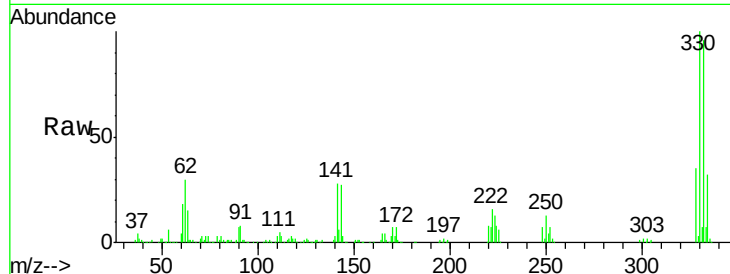
#41
 2,4,6-Tribromophenol
 Concen: 123.24 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085925.D
 Acq: 31 Mar 2016 14:07

Instrument :
 BNA_F
 ClientSampled :
 SP-9

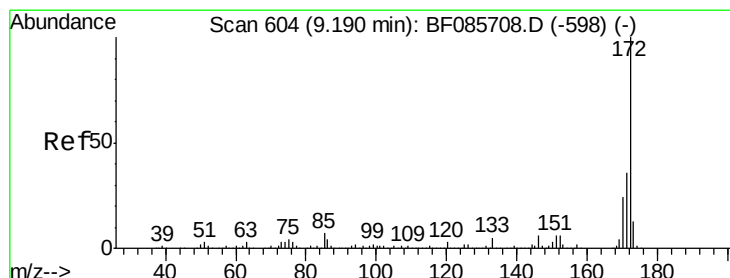
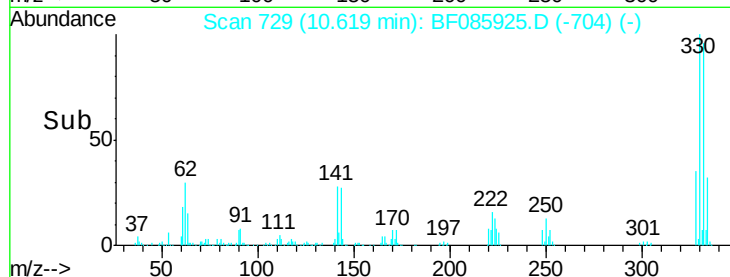
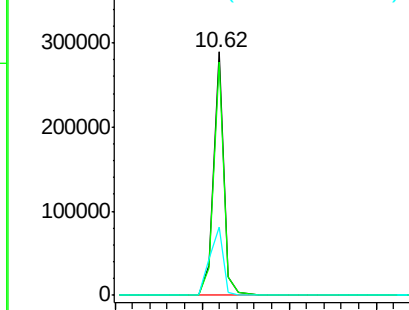
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	242816		
332	96.0	78.2	117.2	
141	37.6	31.5	47.3	

Manual Integrations
 APPROVED

Sohil
 4/1/2016 9:46:33 PM



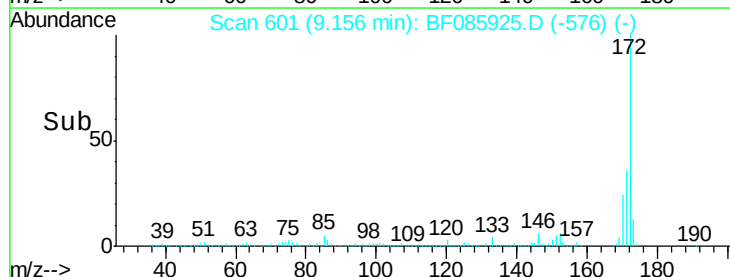
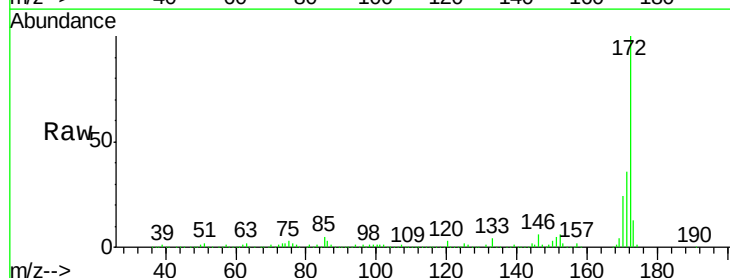
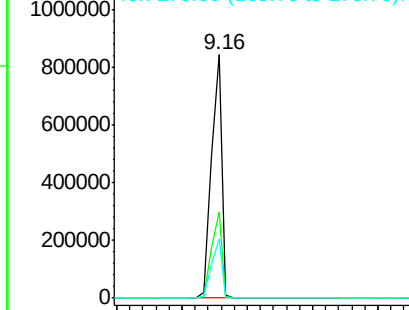
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

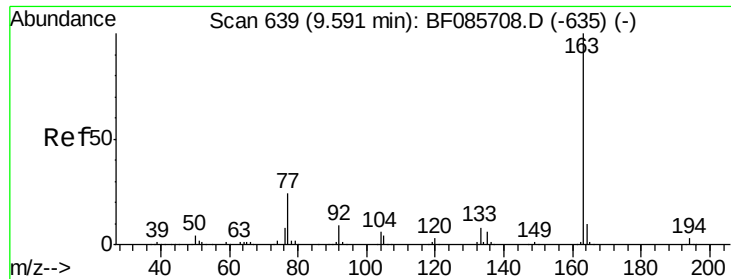


#44
 2-Fluorobiphenyl
 Concen: 76.48 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085925.D
 Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	949208		
171	35.6	29.4	44.2	
170	24.2	19.8	29.6	

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





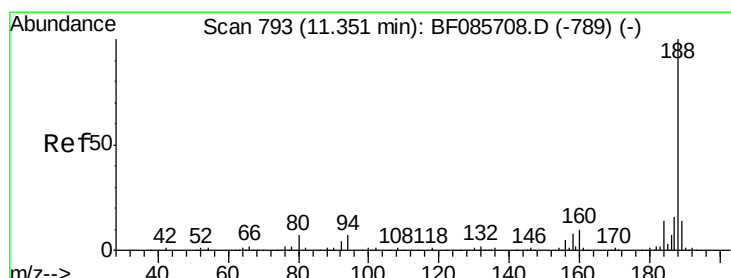
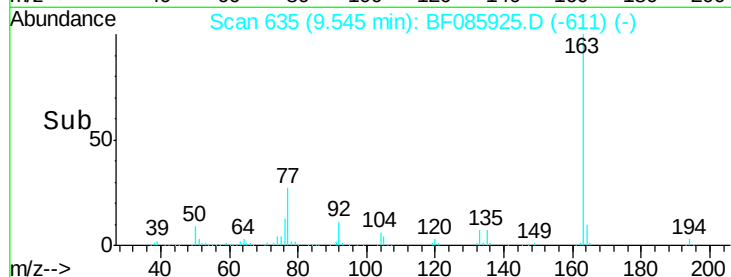
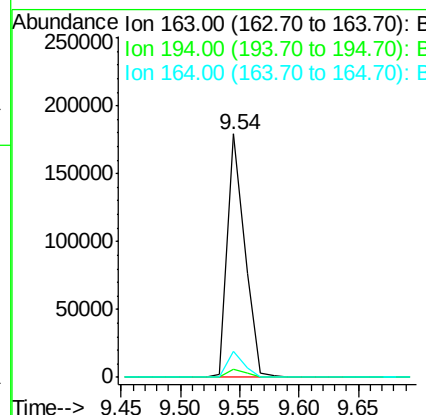
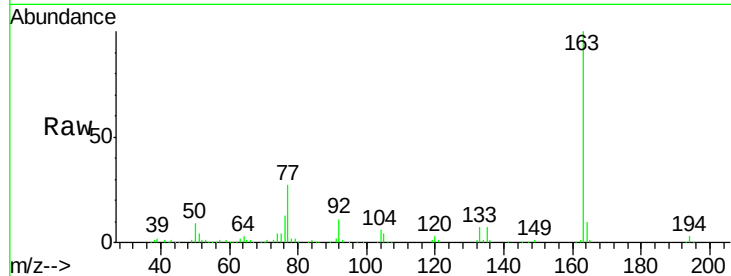
#49
Dimethylphthalate
Concen: 11.49 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.9	4.3
164	10.5	8.3	12.5

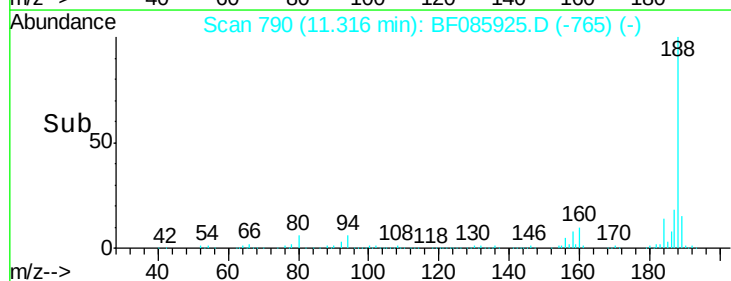
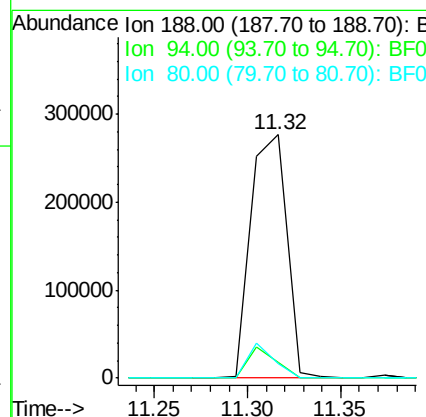
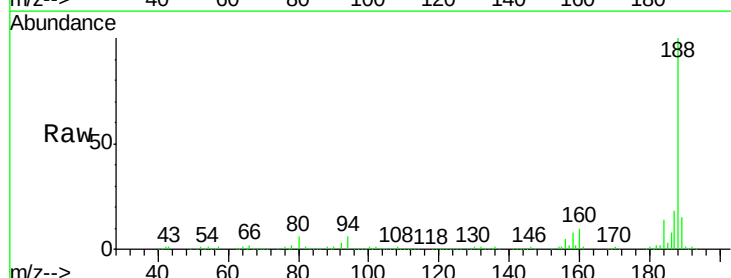
Manual Integrations
APPROVED

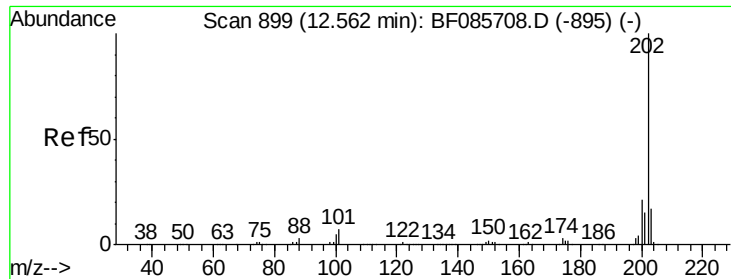
Sohil
4/1/2016 9:46:33 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.3	5.4	8.0
80	5.9	5.5	8.3





#74

Fluoranthene

Concen: 3.31 ng

RT: 12.53 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF085925.D

Acq: 31 Mar 2016 14:07

Instrument :

BNA_F

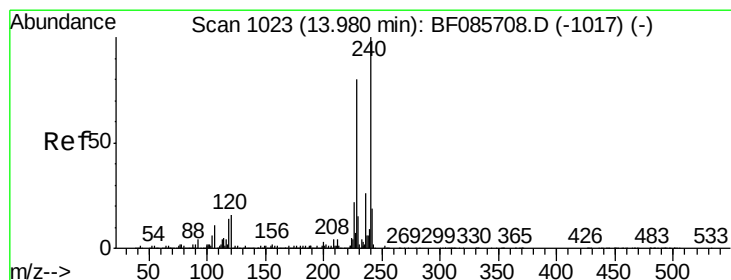
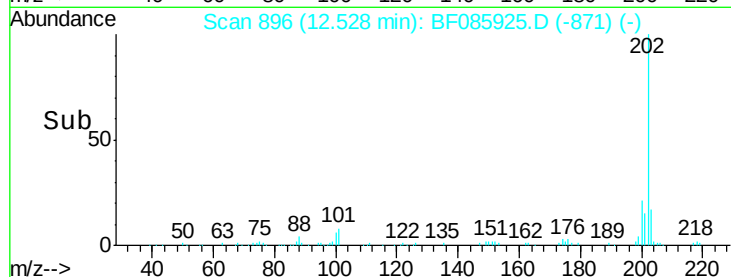
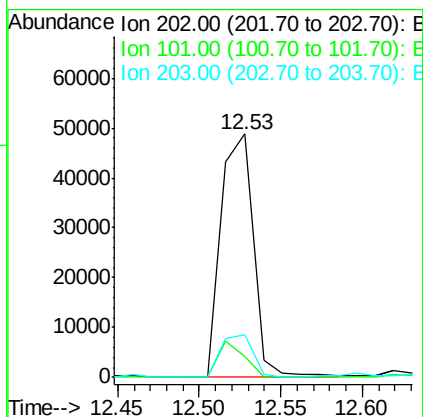
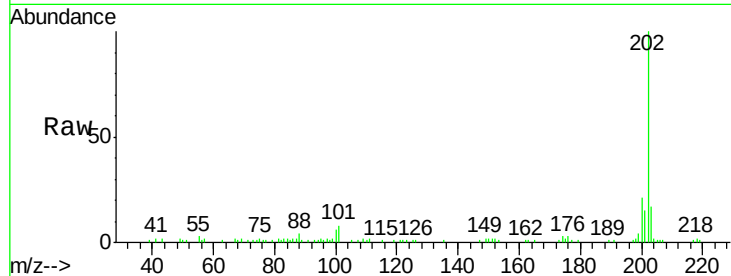
ClientSampleId :

SP-9

Tgt	Ion	202	Resp:	66874
Ion	Ratio	Lower	Upper	
202	100			
101	8.4	0.0	36.6	
203	17.3	0.0	38.1	

Manual Integrations
APPROVED

Sohil
4/1/2016 9:46:33 PM



#75

Chrysene-d12

Concen: 20.00 ng

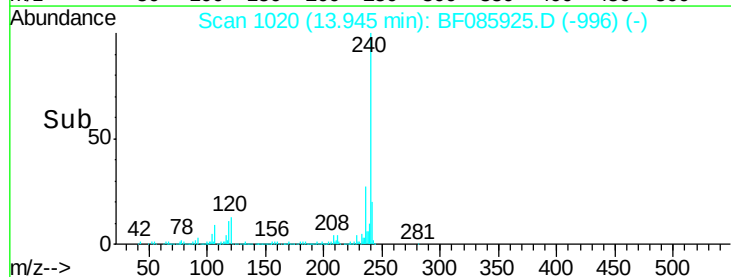
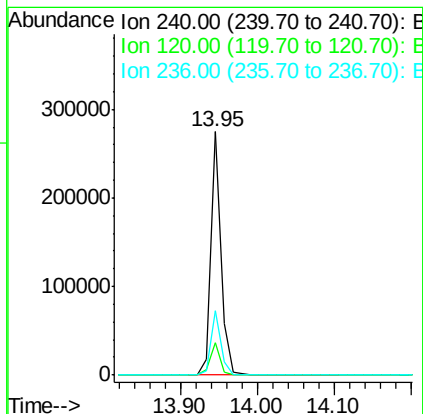
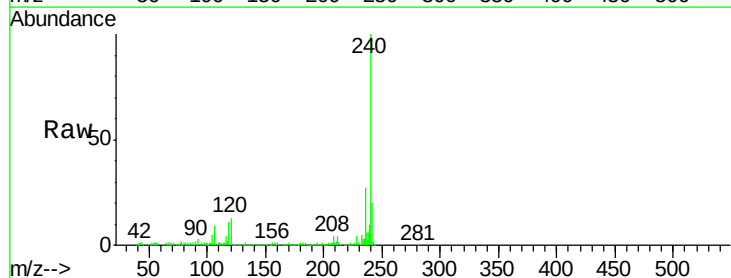
RT: 13.95 min Scan# 1020

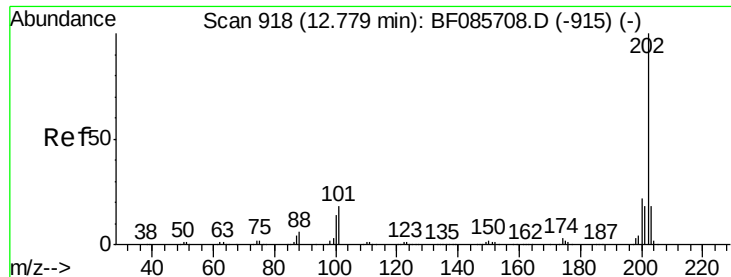
Delta R.T. -0.02 min

Lab File: BF085925.D

Acq: 31 Mar 2016 14:07

Tgt	Ion	240	Resp:	247325
Ion	Ratio	Lower	Upper	
240	100			
120	13.5	13.8	20.8#	
236	26.6	20.6	30.8	





#77

Pyrene

Concen: 3.20 ng

RT: 12.75 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF085925.D

Acq: 31 Mar 2016 14:07

Instrument :

BNA_F

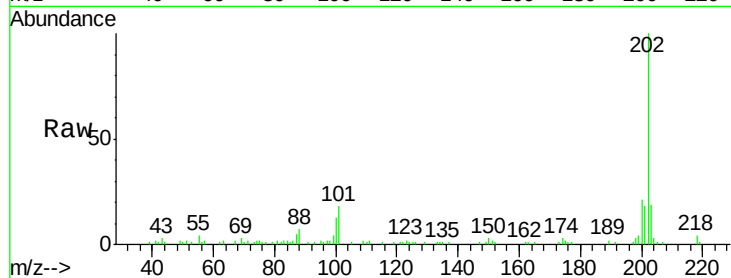
ClientSampleId :

SP-9

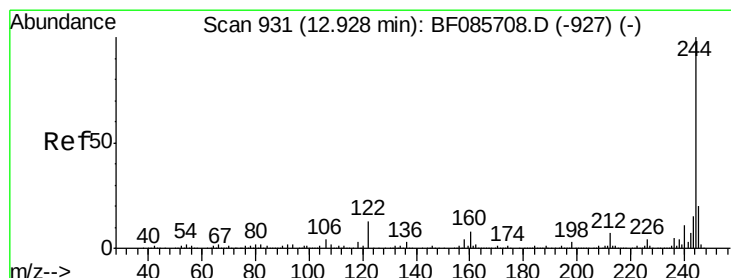
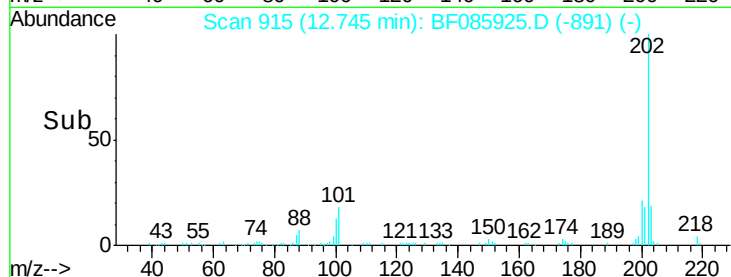
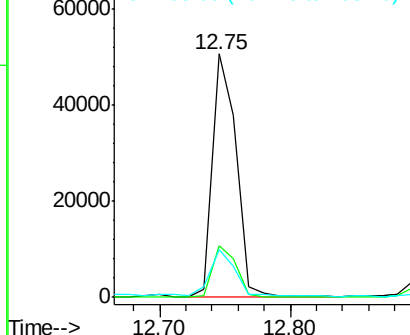
Tgt Ion:	202	Resp:	65158
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	19.4	14.0	21.0

Manual Integrations
APPROVED

Sohil
4/1/2016 9:46:33 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



#78

Terphenyl-d14

Concen: 63.47 ng

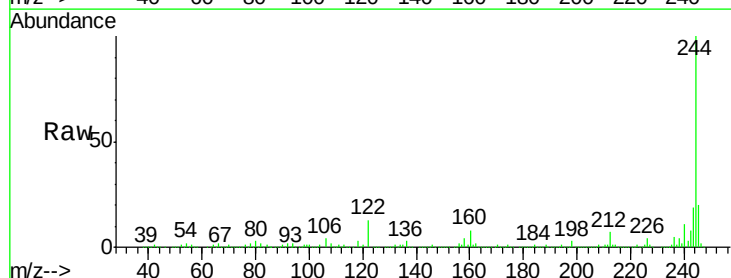
RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

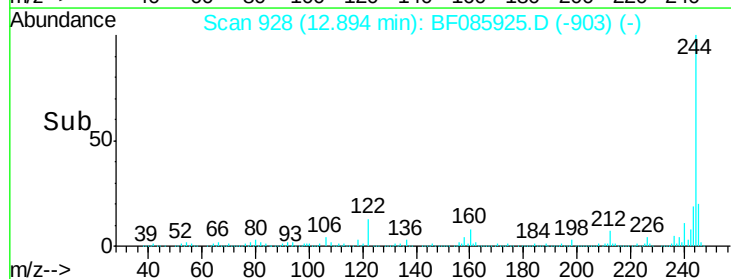
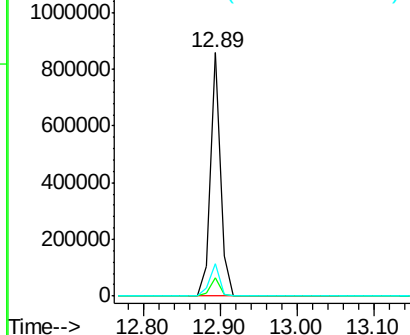
Lab File: BF085925.D

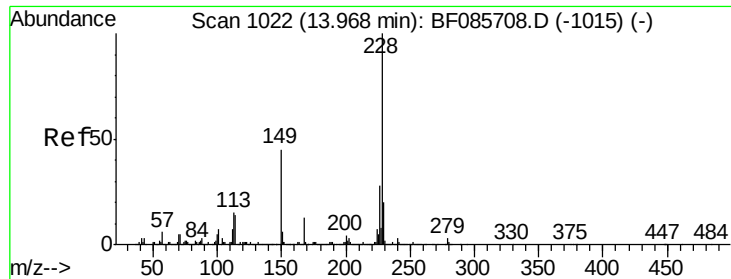
Acq: 31 Mar 2016 14:07

Tgt Ion:	244	Resp:	763253
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	13.1	10.2	15.4



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





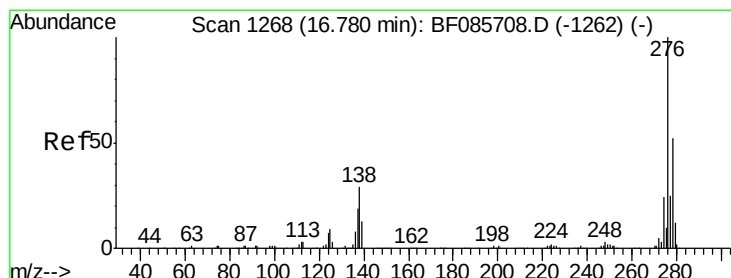
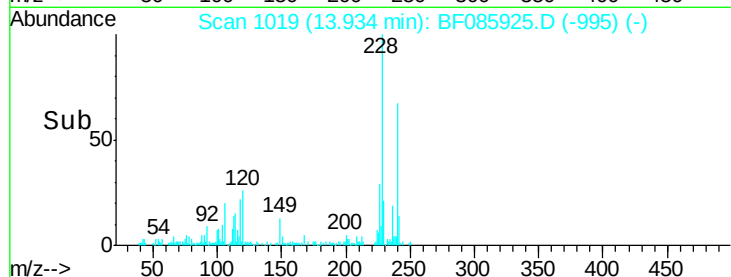
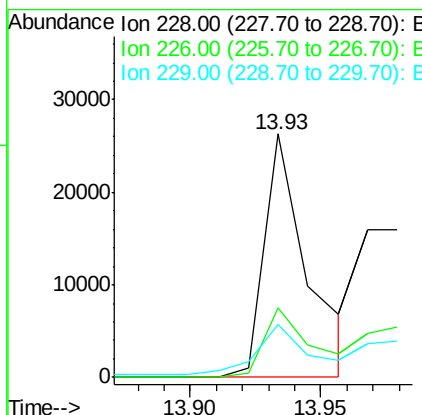
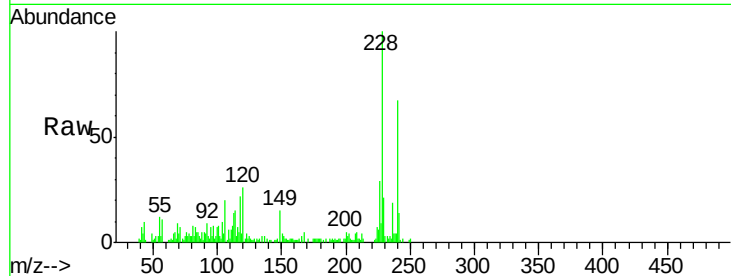
#80
Benzo(a)anthracene
Concen: 2.15 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampled :
SP-9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	21.5	16.2	24.4

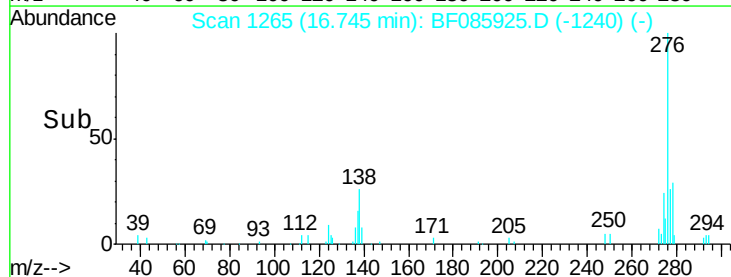
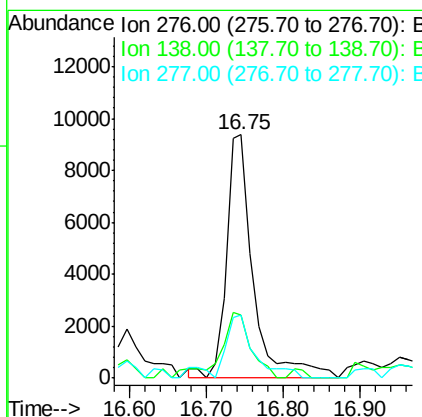
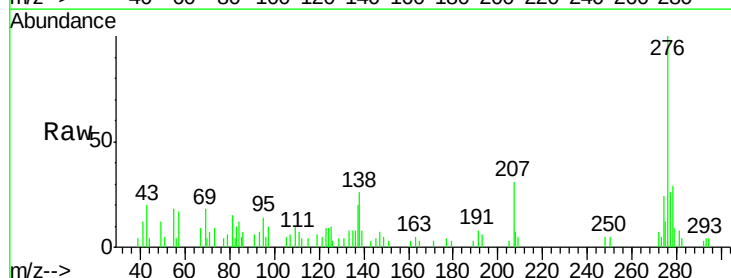
Manual Integrations
APPROVED

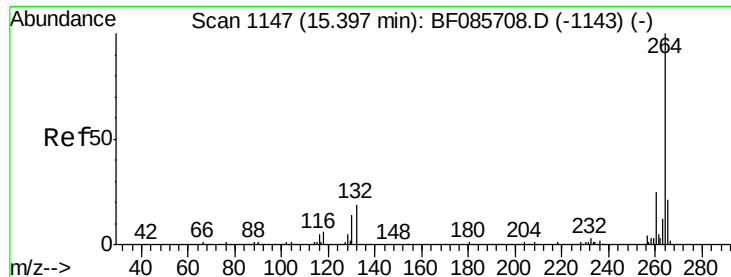
Sohil
4/1/2016 9:46:33 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 16.75 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	24.2	36.4
277	26.8	20.0	30.0





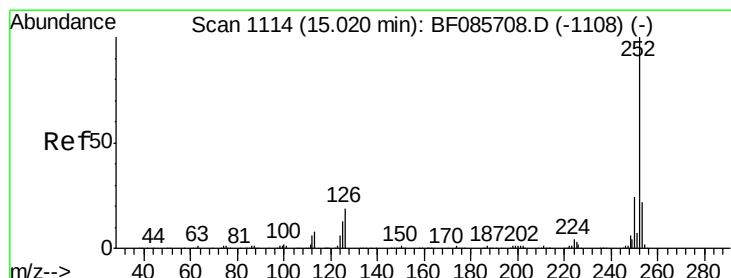
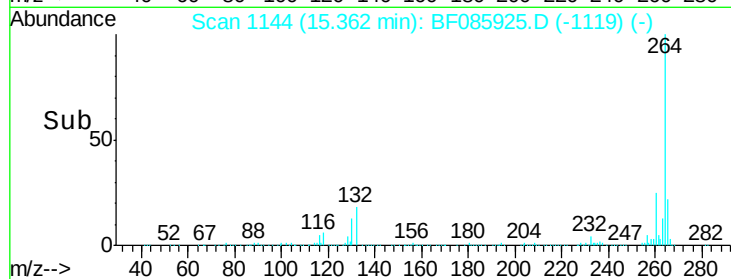
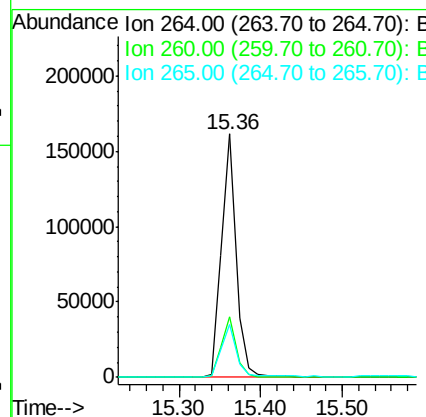
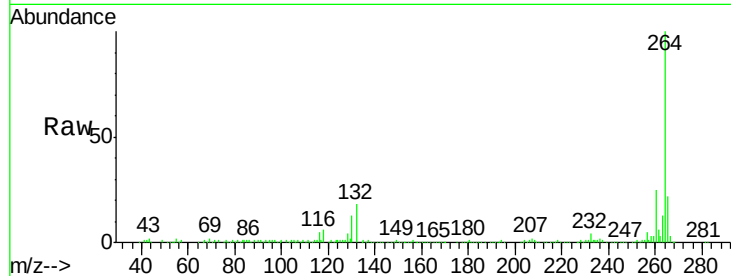
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.5	17.2	25.8

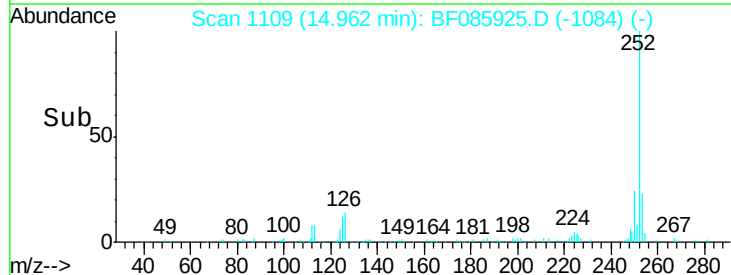
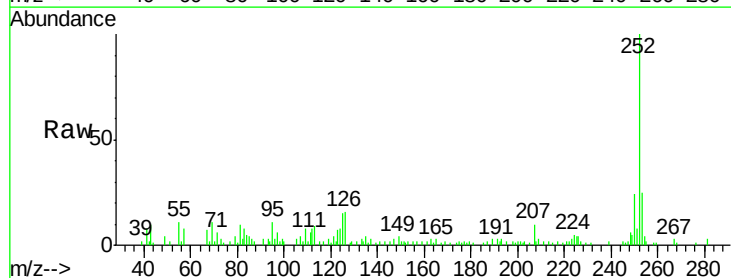
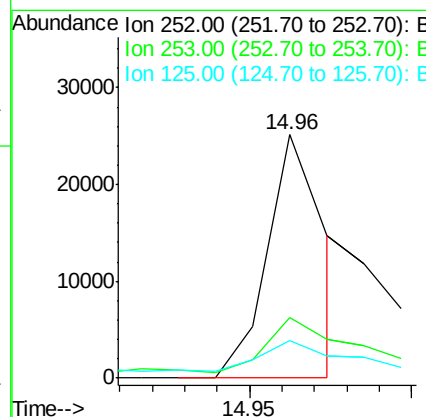
Manual Integrations
APPROVED

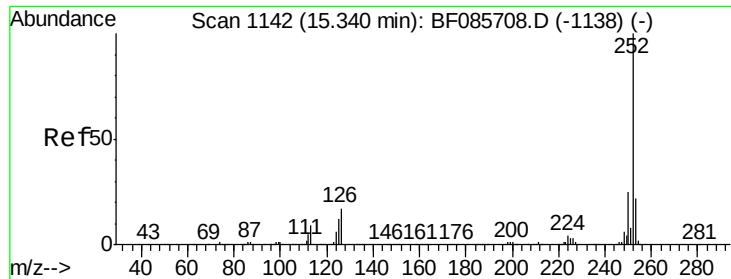
Sohil
4/1/2016 9:46:33 PM



#87
Benzo(b)fluoranthene
Concen: 2.41 ng m
RT: 14.96 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	15.3	10.3	15.5





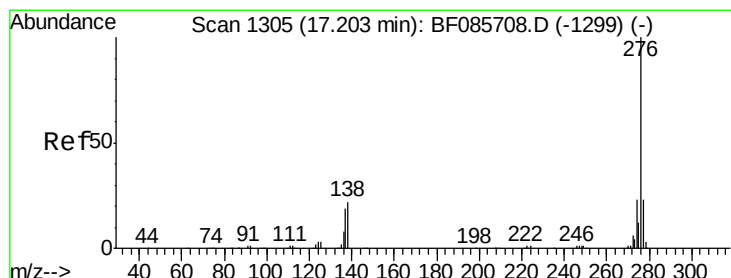
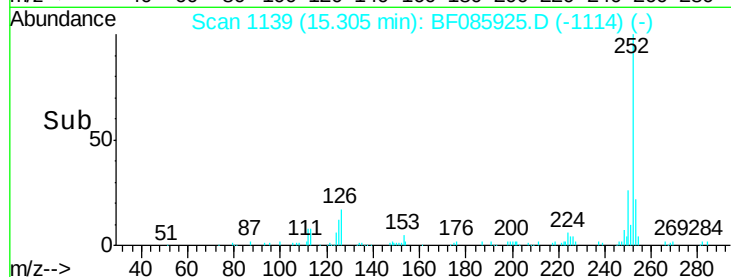
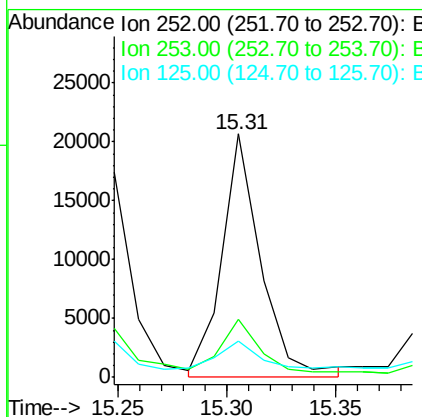
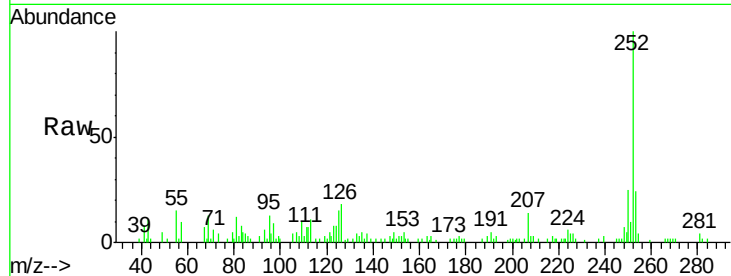
#89
Benzo(a)pyrene
Concen: 2.26 ng
RT: 15.31 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Instrument :
BNA_F
ClientSampled :
SP-9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	15.1	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/1/2016 9:46:33 PM



#91
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 17.15 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF085925.D
Acq: 31 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	31.0	22.6	34.0

