

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085821.D
 Acq On : 29 Mar 2016 00:32
 Operator : UM/SJ
 Sample : H1978-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Manual Integrations
 APPROVED

Sohil
 3/29/2016 12:03:35 PM

Quant Time: Mar 29 02:09:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113486	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	445356	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	200606	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	362135	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	198705	20.00	ng	-0.01
86) Perylene-d12	15.40	264	194646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	886333	130.07	ng	0.01
7) Phenol-d6	6.46	99	1190460	137.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	734780	92.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	248109	130.17	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	985664	82.09	ng	-0.01
78) Terphenyl-d14	12.93	244	758926	78.55	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	149312	9.81	ng	99
70) Phenanthrene	11.36	178	166258	8.94	ng	98
74) Fluoranthene	12.55	202	234928	11.89	ng	92
77) Pyrene	12.78	202	260304	15.94	ng	99
80) Benzo(a)anthracene	13.97	228	109524	9.67	ng	98
82) Chrysene	14.00	228	95119m	8.33	ng	
85) Indeno(1,2,3-cd)pyrene	16.77	276	45665	5.18	ng	95
87) Benzo(b)fluoranthene	14.99	252	88586m	7.22	ng	
88) Benzo(k)fluoranthene	15.00	252	43284m	3.92	ng	
89) Benzo(a)pyrene	15.33	252	85465	7.85	ng	# 96
91) Benzo(g,h,i)perylene	17.18	276	51445	5.02	ng	99

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

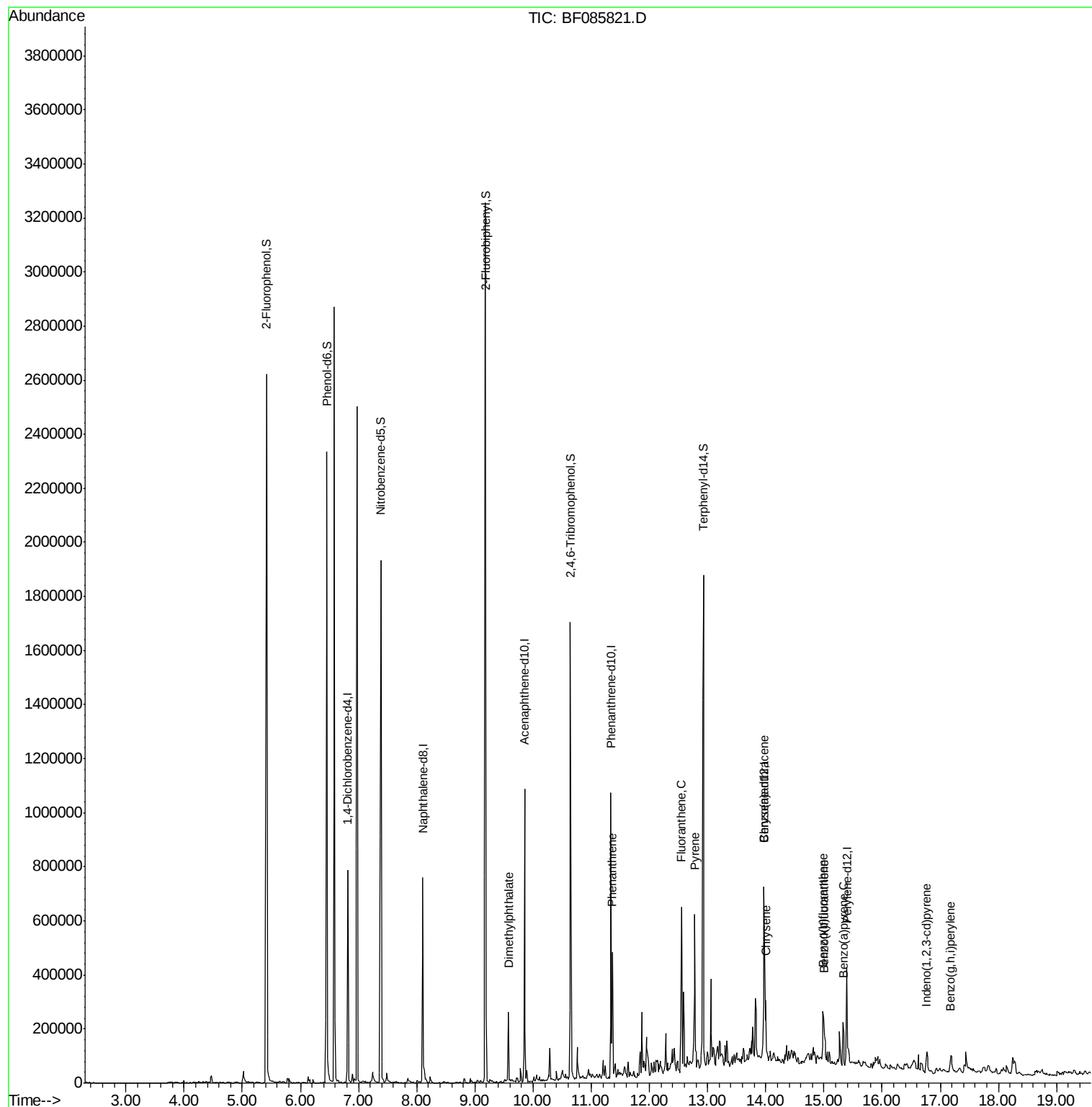
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085821.D
Acq On : 29 Mar 2016 00:32
Operator : UM/SJ
Sample : H1978-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

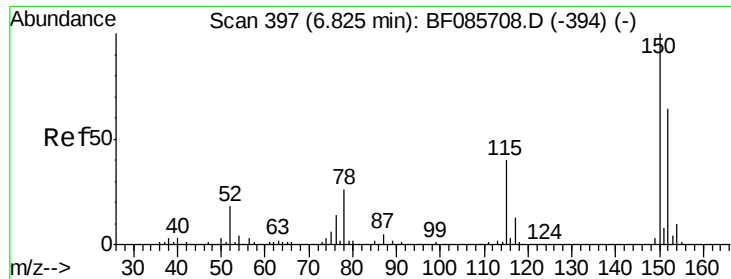
Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-1(0-21FTBGS)

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:35 PM

Quant Time: Mar 29 02:09:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Instrument :

BNA_F

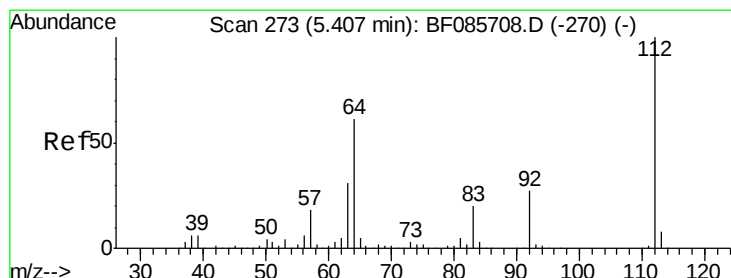
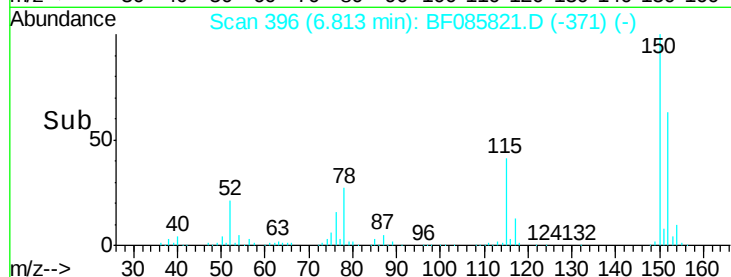
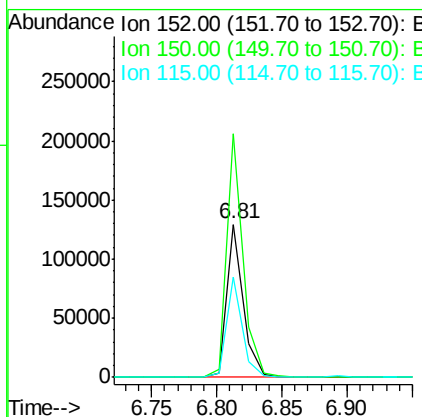
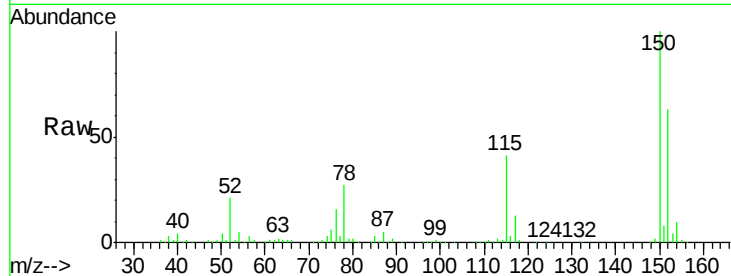
ClientSampleId :

NCB-083-CS-1(0-21FTBGS)

Tgt Ion:	152	Resp:	113486
Ion Ratio	Lower	Upper	
152	100		
150	159.0	124.2	186.2
115	65.7	47.0	70.6

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:35 PM



#5

2-Fluorophenol

Concen: 130.07 ng

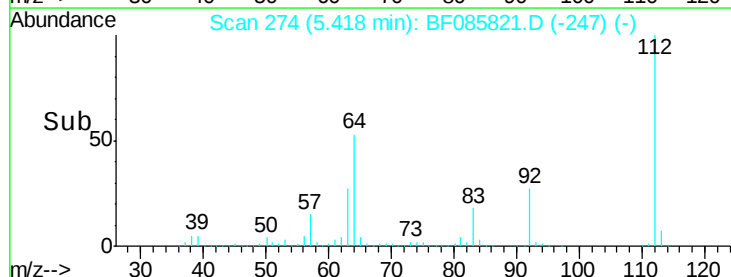
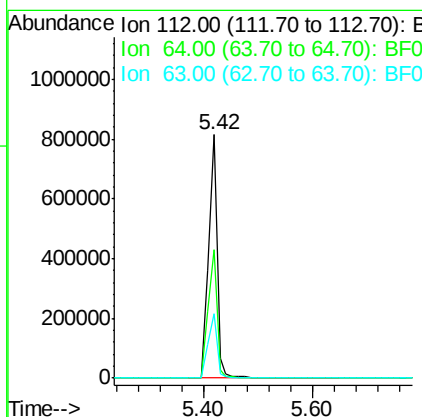
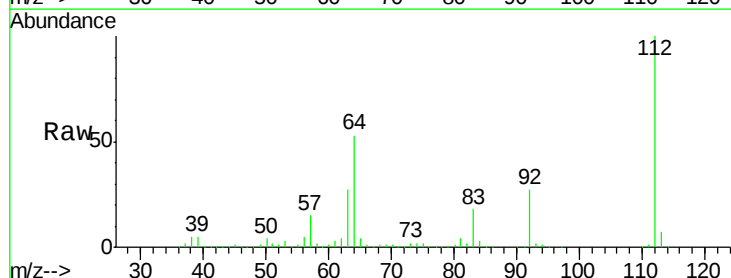
RT: 5.42 min Scan# 274

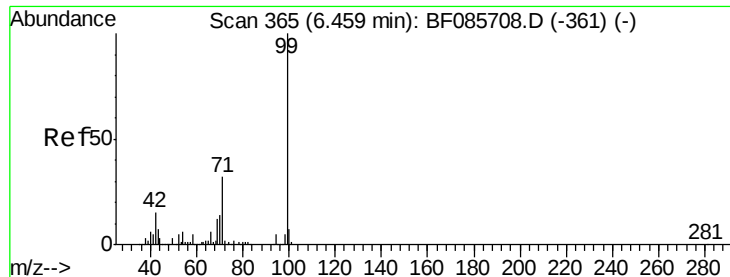
Delta R.T. 0.01 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Tgt Ion:	112	Resp:	886333
Ion Ratio	Lower	Upper	
112	100		
64	52.8	39.9	59.9
63	26.7	20.2	30.2





#7

Phenol-d6

Concen: 137.41 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Instrument :

BNA_F

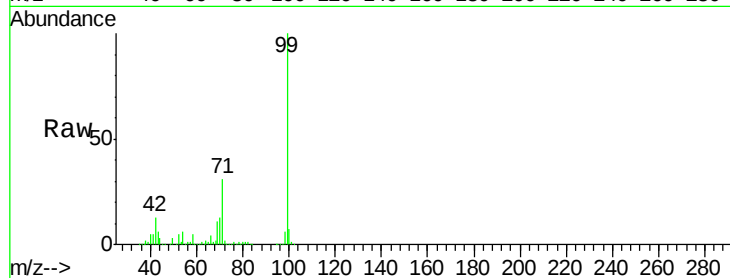
ClientSampleId :

NCB-083-CS-1(0-21FTBGS)

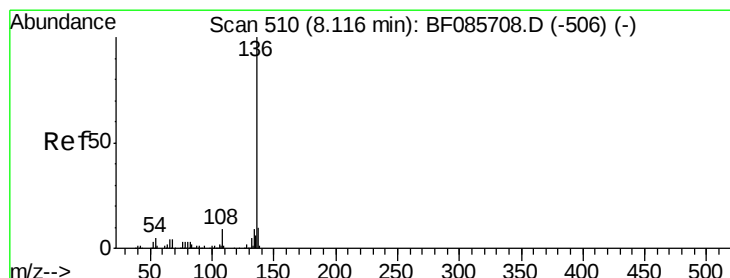
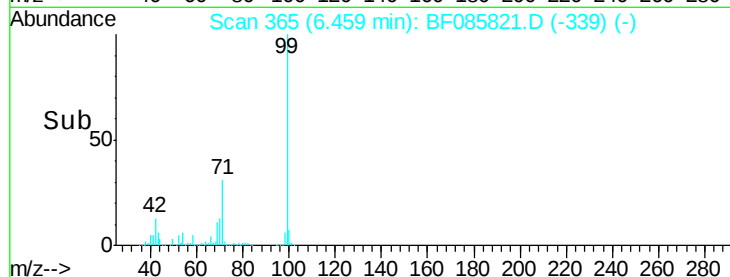
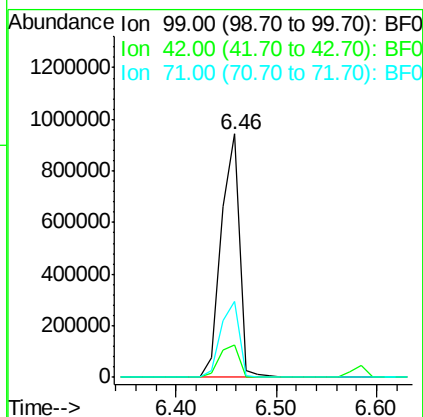
Manual Integrations
APPROVED

Sohil

3/29/2016 12:03:35 PM



Tgt Ion	Ion	Ratio	Lower	Upper
99	100			
42	13.1	11.1	16.7	
71	31.0	24.9	37.3	



#21

Naphthalene-d8

Concen: 20.00 ng

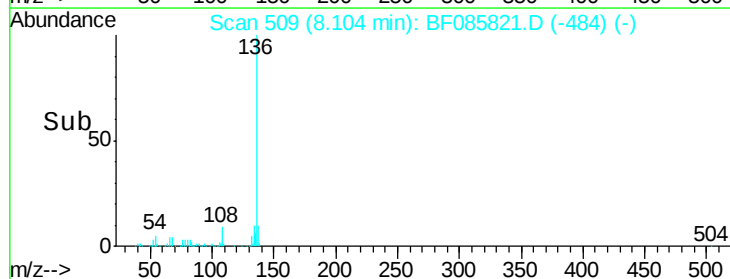
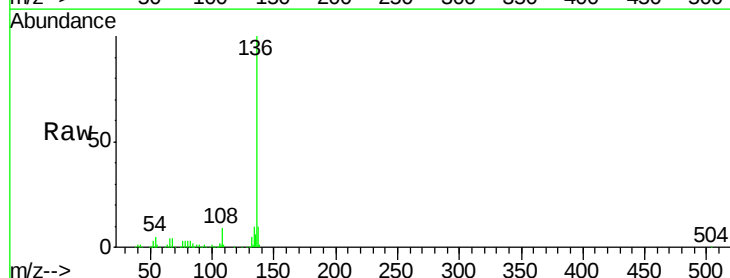
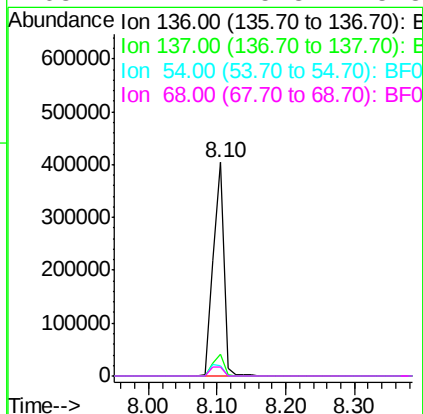
RT: 8.10 min Scan# 509

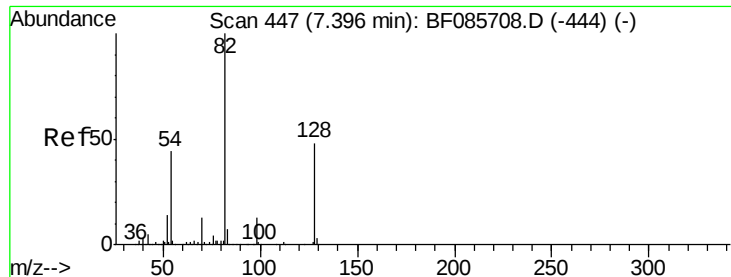
Delta R.T. -0.01 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.3	9.1	13.7	
54	5.1	7.4	11.0#	
68	4.4	5.8	8.8#	





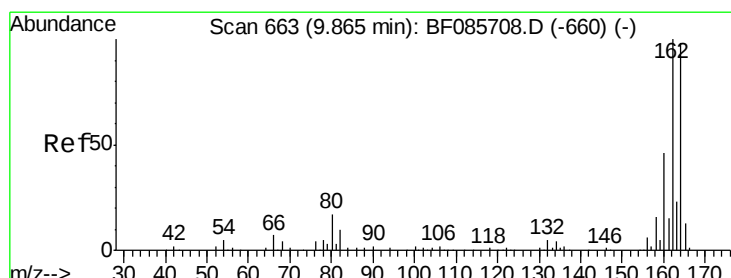
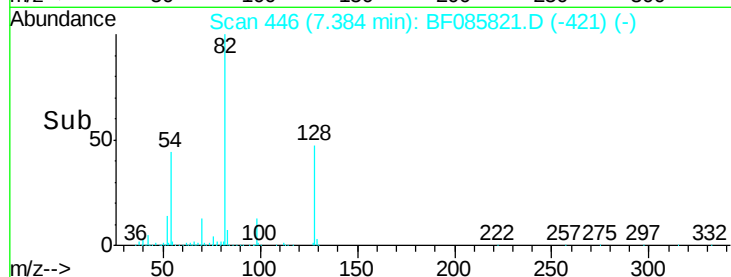
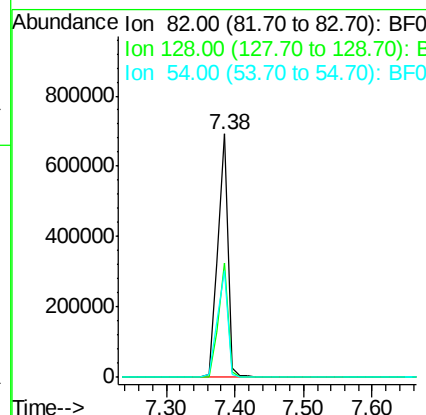
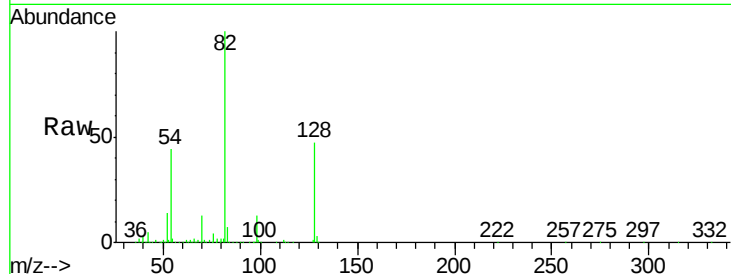
#23
 Nitrobenzene-d5
 Concen: 92.91 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	41.8	62.8
54	43.8	33.4	50.0

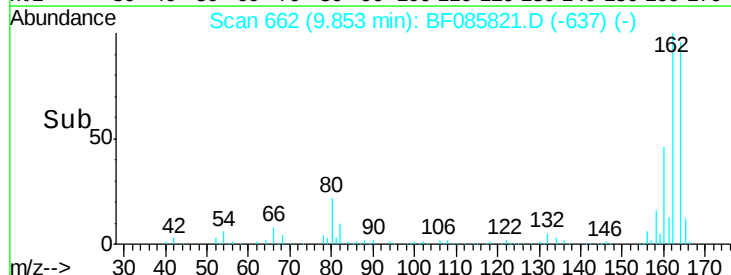
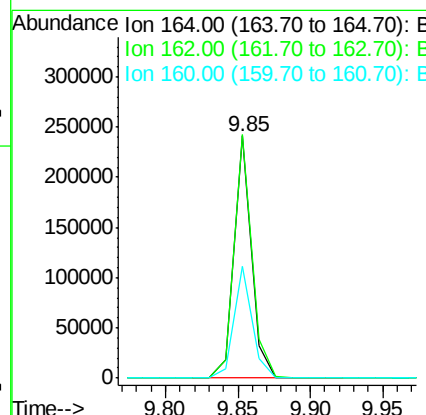
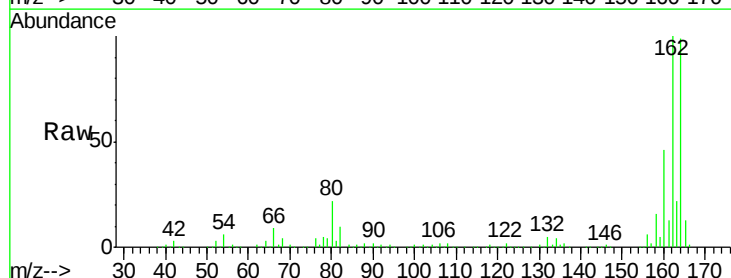
Manual Integrations
 APPROVED

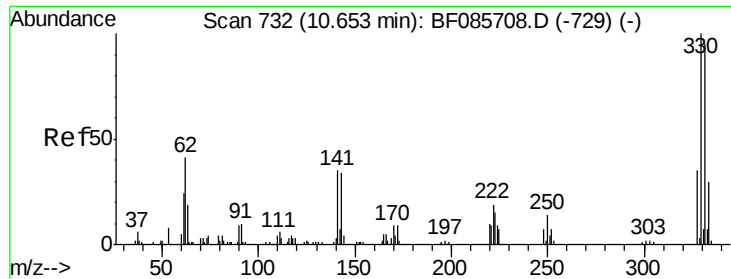
Sohil
 3/29/2016 12:03:35 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	46.3	37.4	56.2





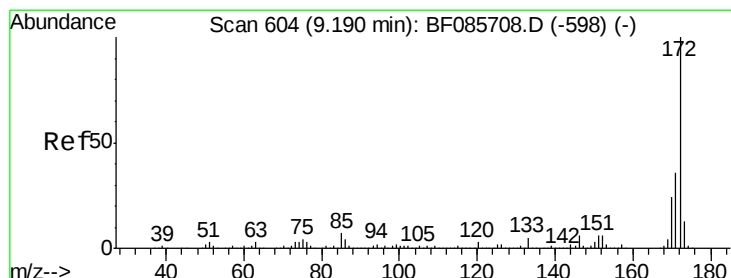
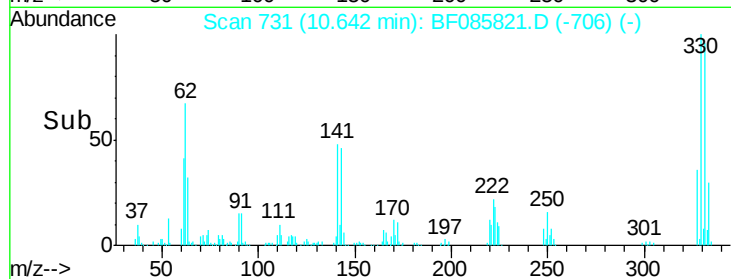
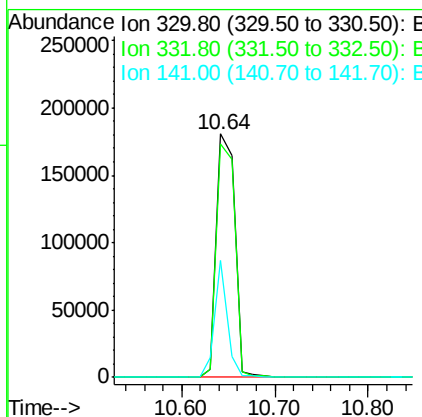
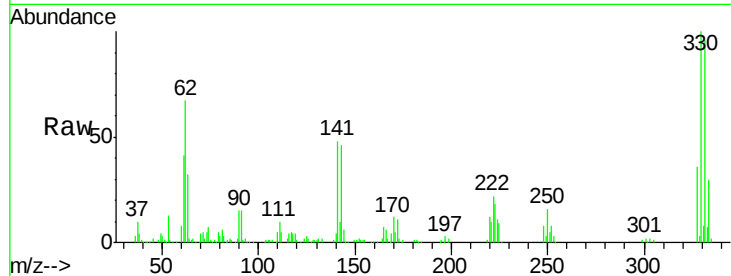
#41
 2,4,6-Tribromophenol
 Concen: 130.17 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	248109		
332	96.7	78.2	117.2	
141	33.6	31.5	47.3	

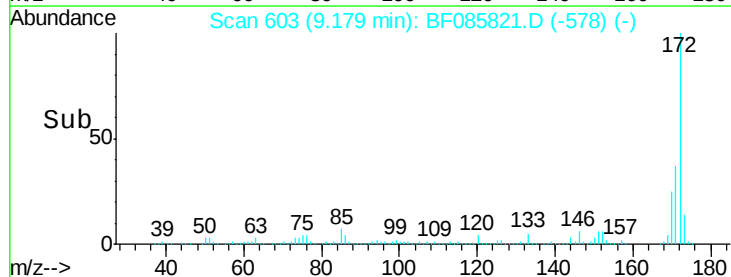
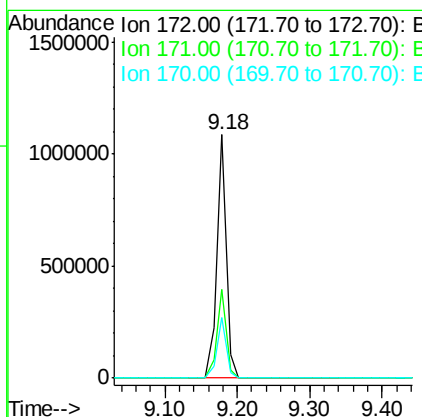
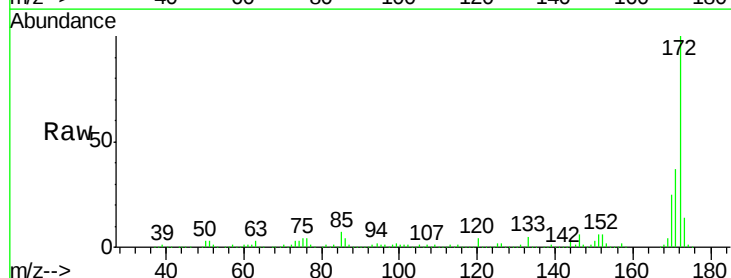
Manual Integrations
 APPROVED

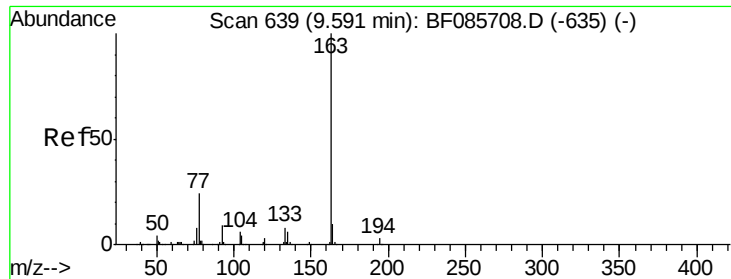
Sohil
 3/29/2016 12:03:35 PM



#44
 2-Fluorobiphenyl
 Concen: 82.09 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985664		
171	36.7	29.4	44.2	
170	24.9	19.8	29.6	





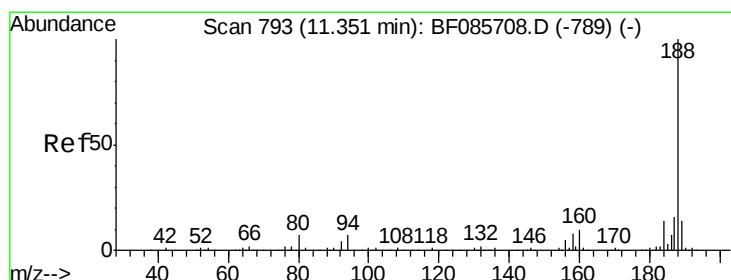
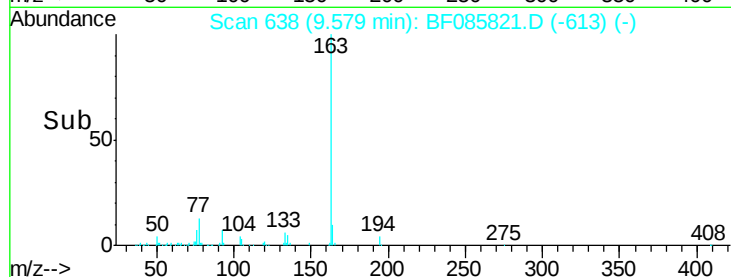
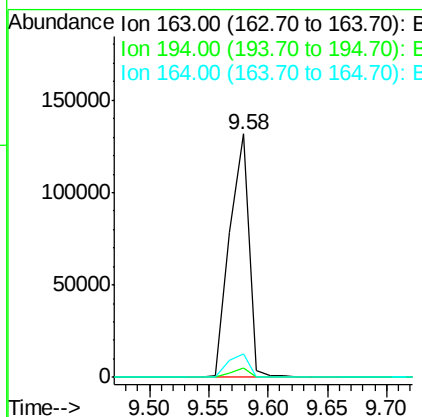
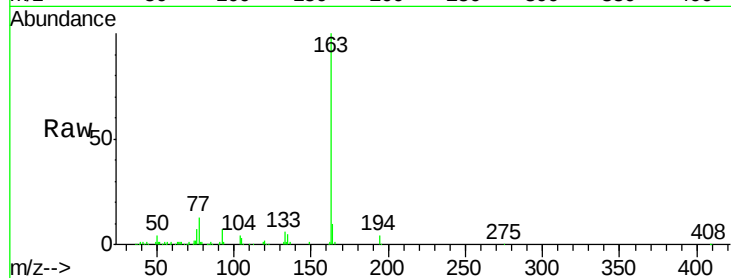
#49
Dimethylphthalate
Concen: 9.81 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085821.D
Acq: 29 Mar 2016 00:32

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-1(0-21FTBGS)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	2.9	4.3
164	9.9	8.3	12.5

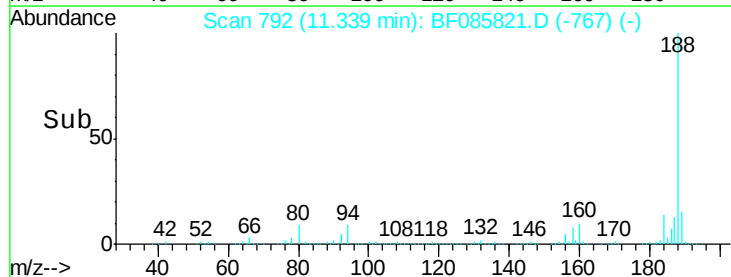
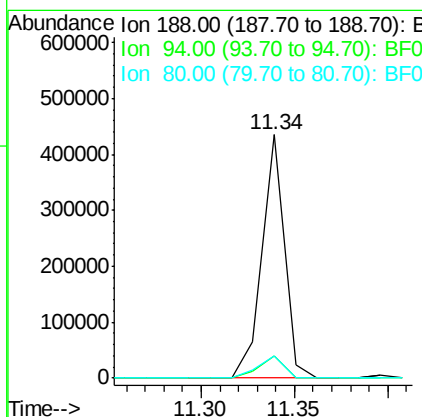
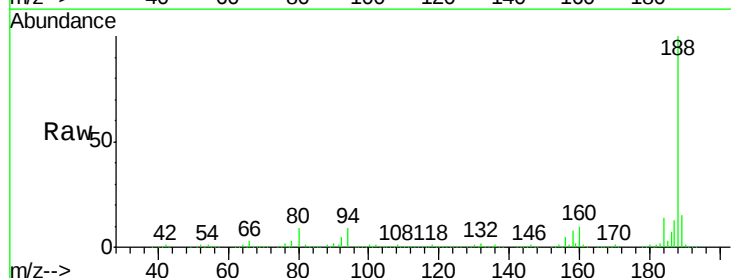
Manual Integrations
APPROVED

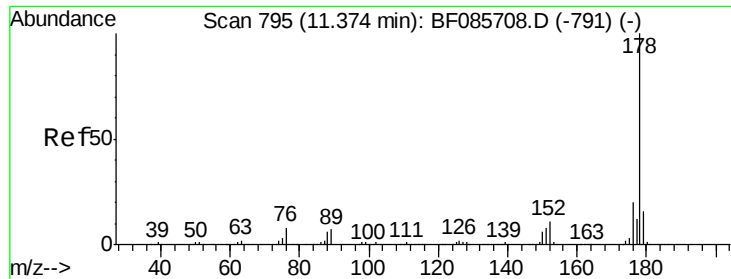
Sohil
3/29/2016 12:03:35 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085821.D
Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	5.4	8.0#
80	9.1	5.5	8.3#





#70

Phenanthrene

Concen: 8.94 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF085821.D

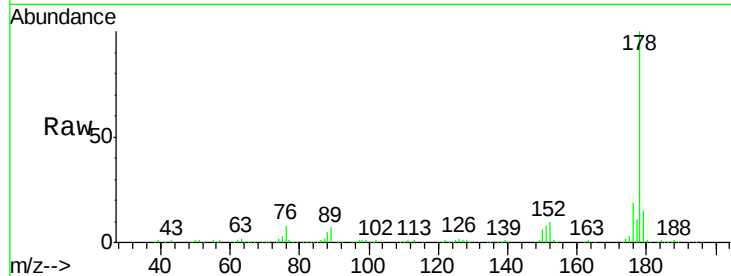
Acq: 29 Mar 2016 00:32

Instrument :

BNA_F

ClientSampleId :

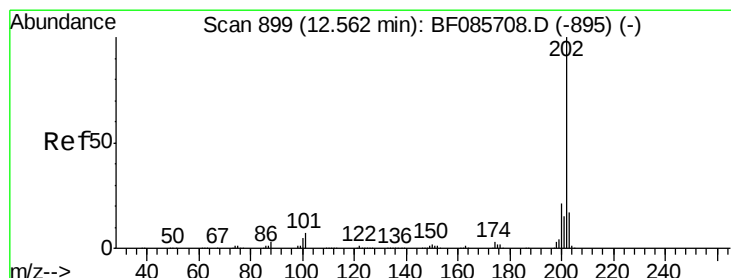
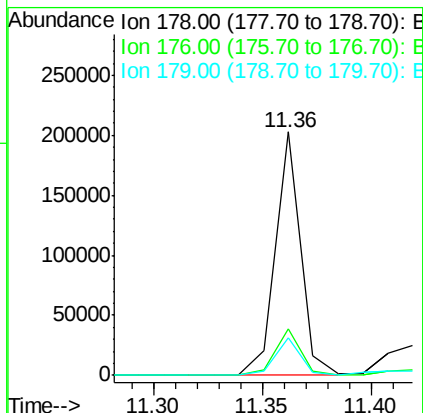
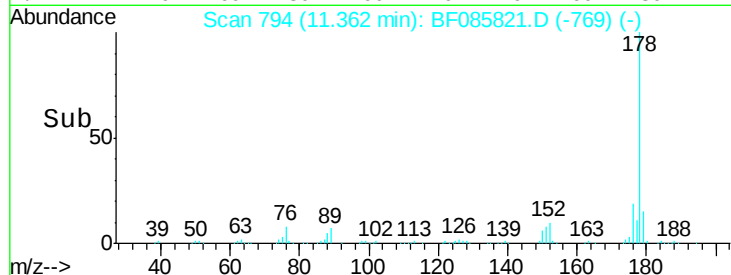
NCB-083-CS-1(0-21FTBGS)



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.2	12.6	18.8

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:35 PM



#74

Fluoranthene

Concen: 11.89 ng

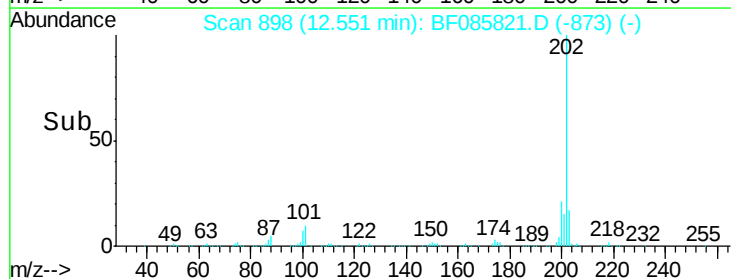
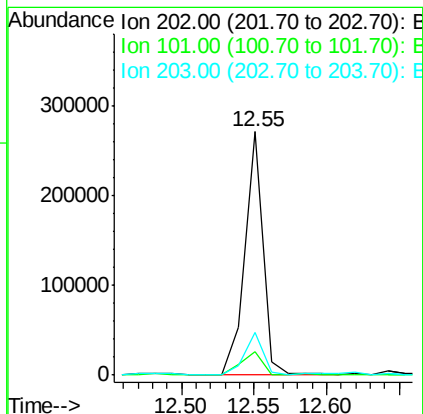
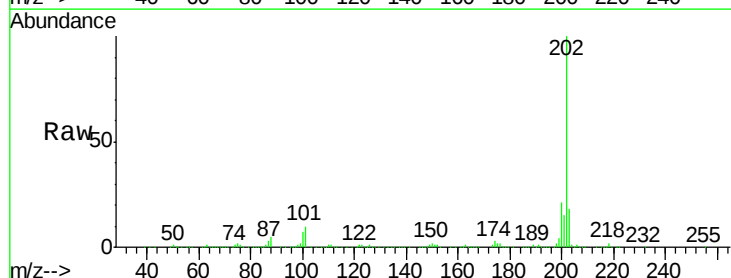
RT: 12.55 min Scan# 898

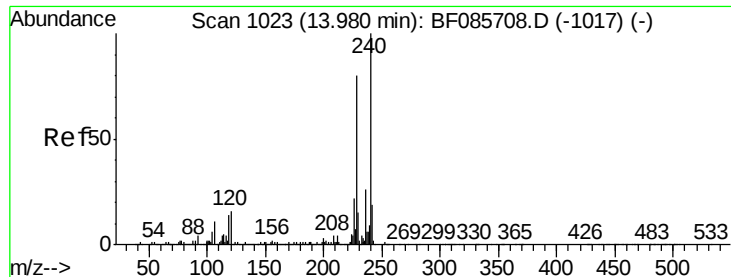
Delta R.T. -0.01 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	36.6
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Instrument :

BNA_F

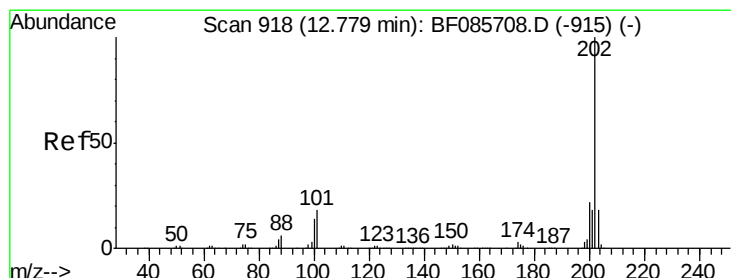
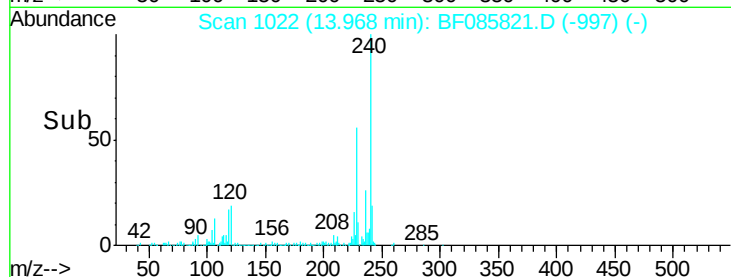
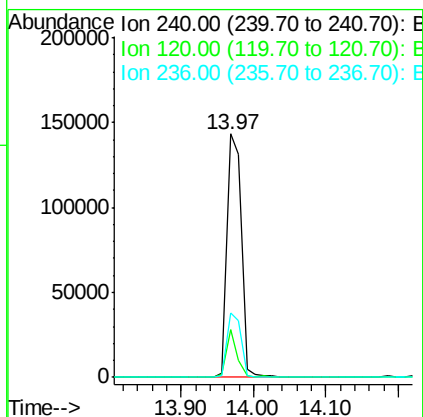
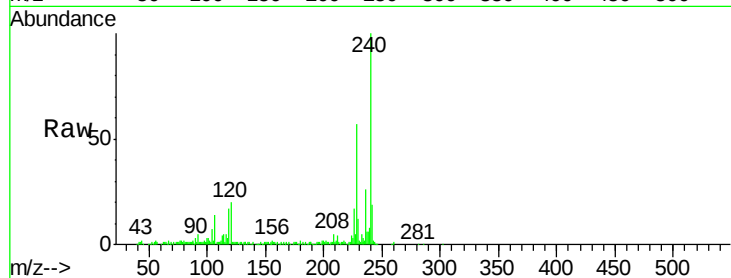
ClientSampleId :

NCB-083-CS-1(0-21FTBGS)

Tgt Ion:	240	Resp:	198705
Ion Ratio		Lower	Upper
240	100		
120	19.6	13.8	20.8
236	26.2	20.6	30.8

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:35 PM



#77

Pyrene

Concen: 15.94 ng

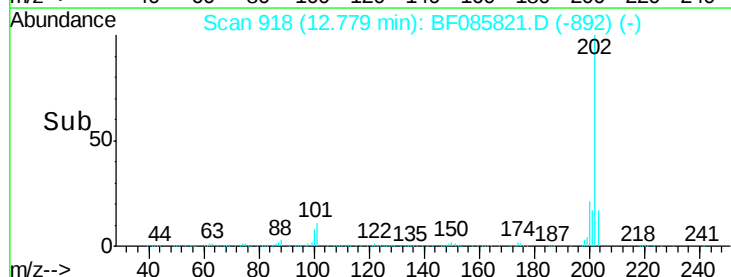
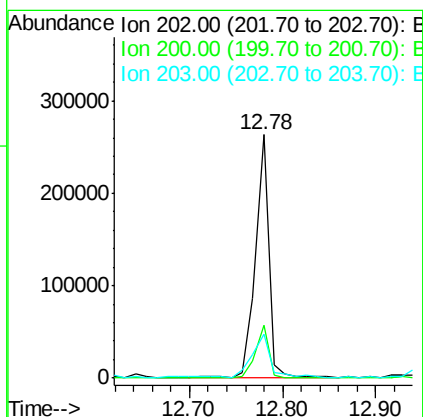
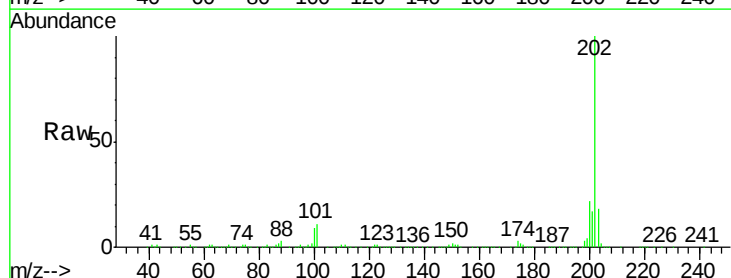
RT: 12.78 min Scan# 918

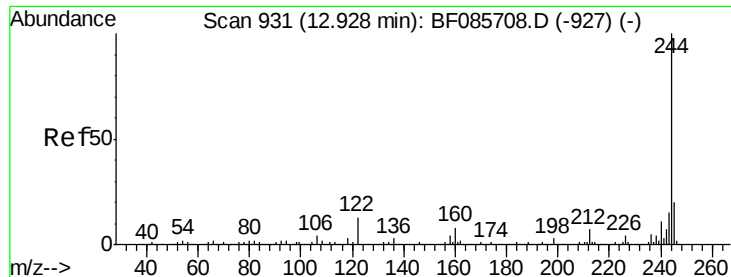
Delta R.T. -0.00 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Tgt Ion:	202	Resp:	260304
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.8	14.0	21.0





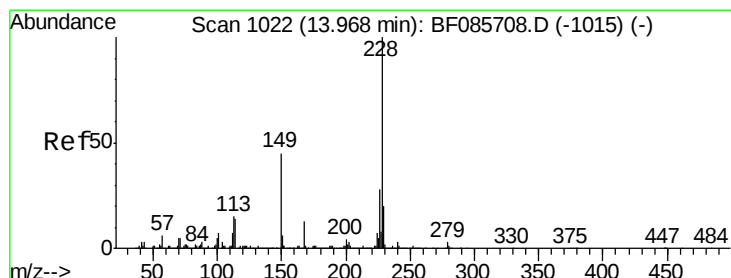
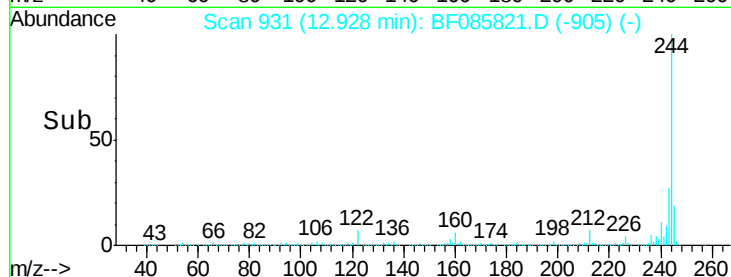
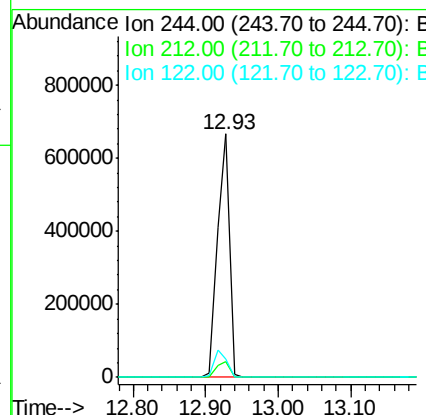
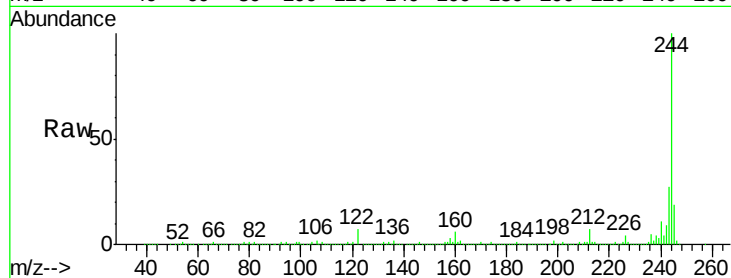
#78
 Terphenyl-d14
 Concen: 78.55 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	7.4	10.2	15.4

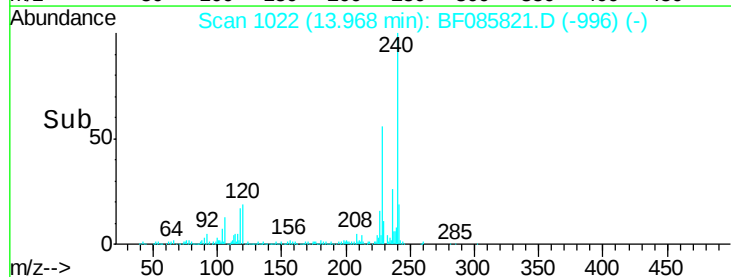
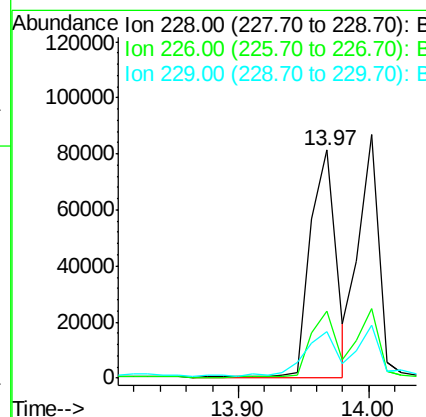
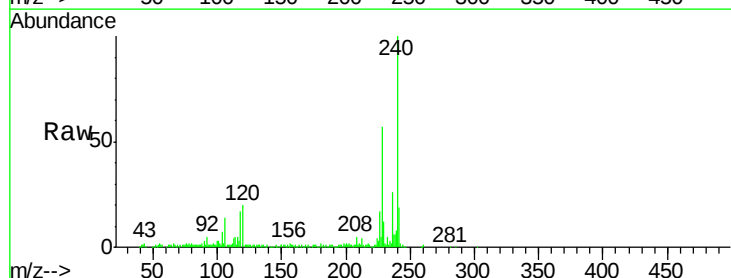
Manual Integrations
 APPROVED

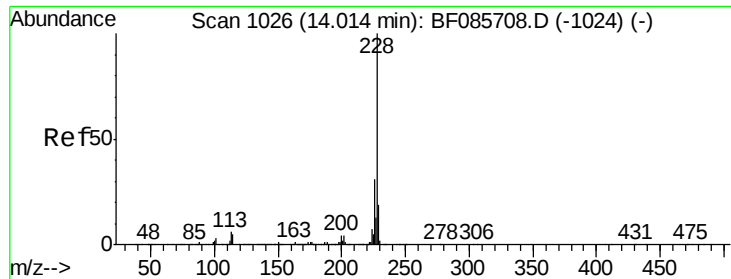
Sohil
 3/29/2016 12:03:35 PM



#80
 Benzo(a)anthracene
 Concen: 9.67 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.1	33.1
229	20.6	16.2	24.4





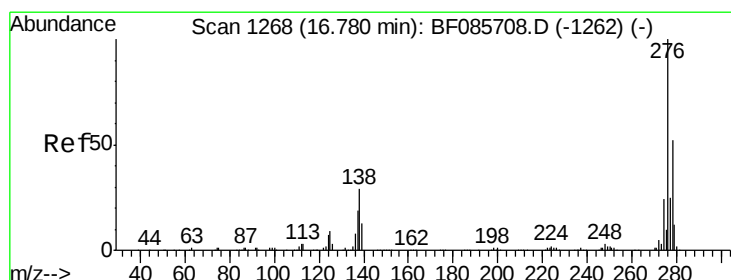
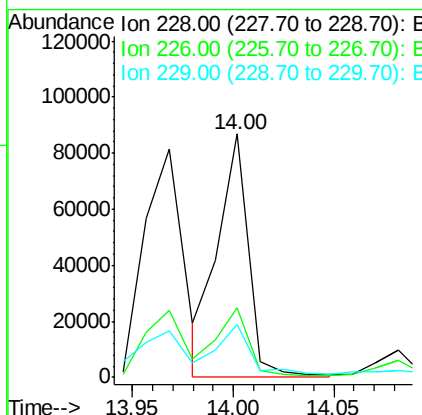
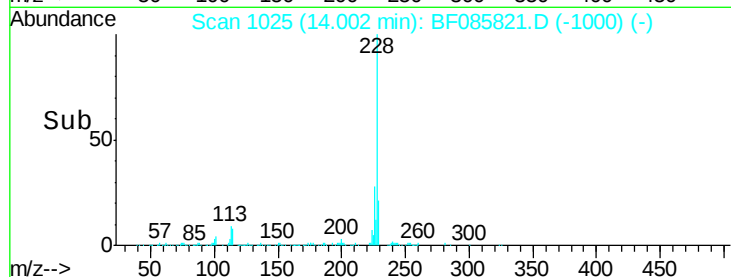
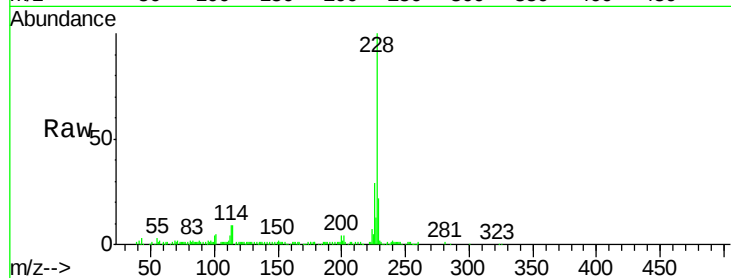
#82
Chrysene
Concen: 8.33 ng m
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085821.D
Acq: 29 Mar 2016 00:32

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-1(0-21FTBGS)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.9	15.7	23.5

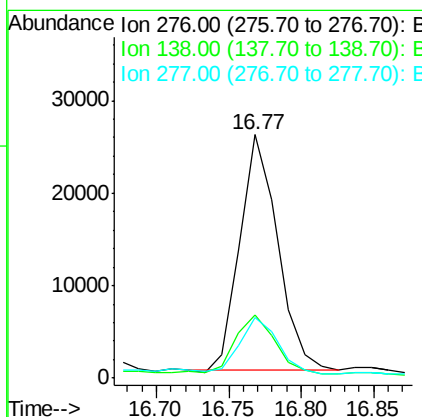
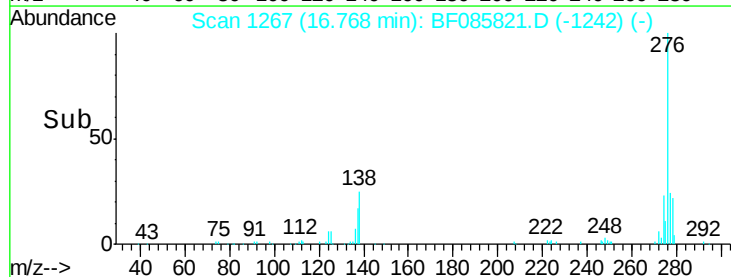
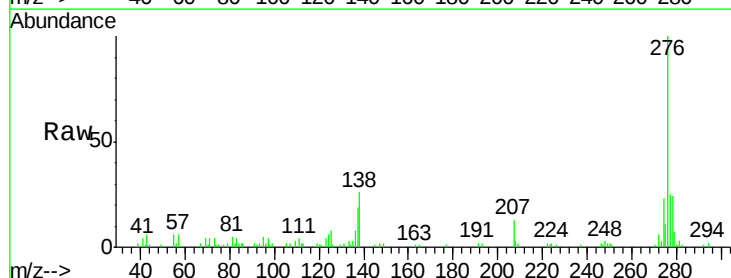
Manual Integrations
APPROVED

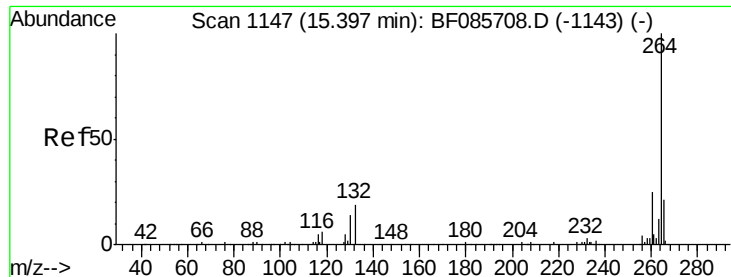
Sohil
3/29/2016 12:03:35 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 5.18 ng
RT: 16.77 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF085821.D
Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	24.2	36.4
277	24.1	20.0	30.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF085821.D

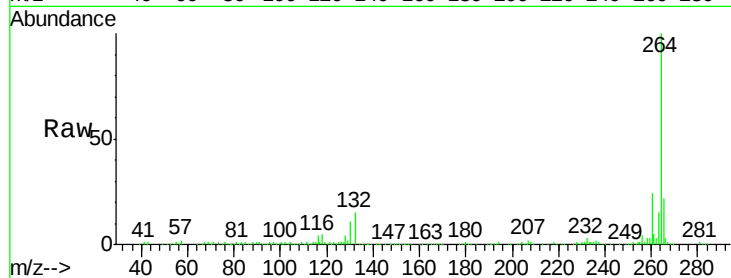
Acq: 29 Mar 2016 00:32

Instrument :

BNA_F

ClientSampleId :

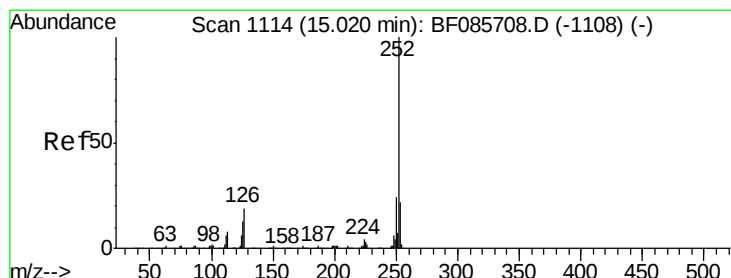
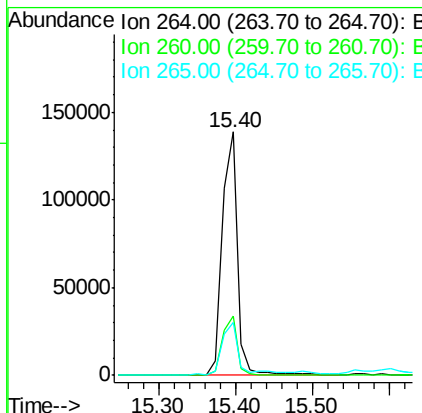
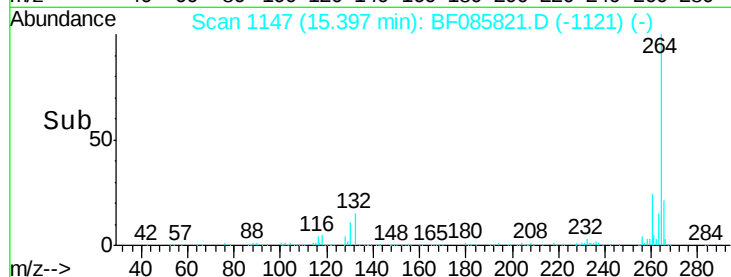
NCB-083-CS-1(0-21FTBGS)



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/29/2016 12:03:35 PM



#87

Benzo(b)fluoranthene

Concen: 7.22 ng m

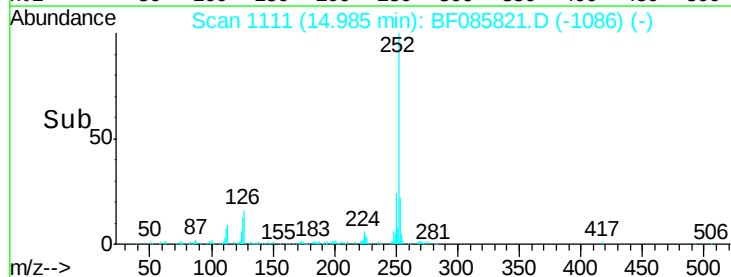
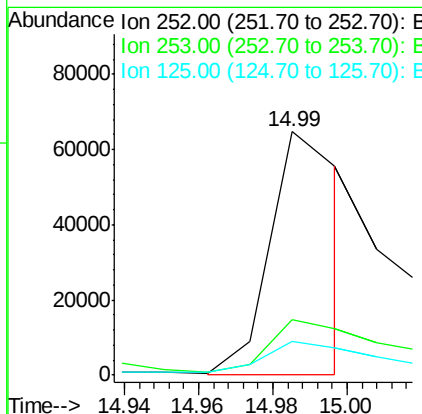
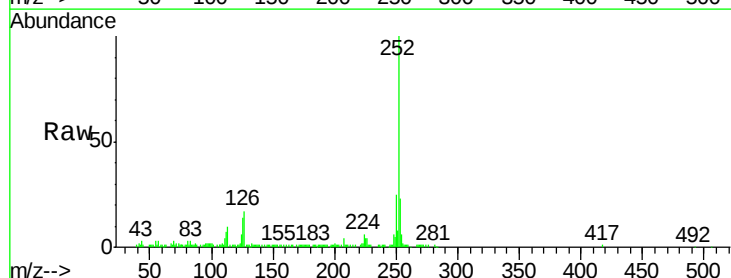
RT: 14.99 min Scan# 1111

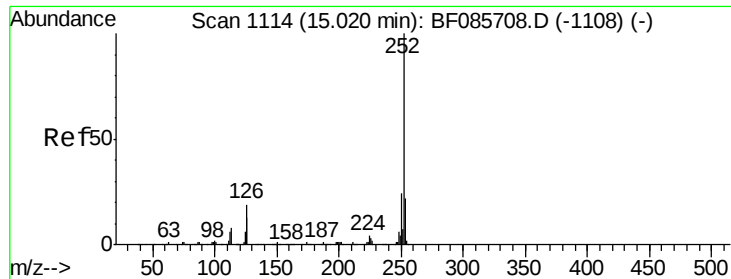
Delta R.T. -0.01 min

Lab File: BF085821.D

Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	13.6	10.3	15.5





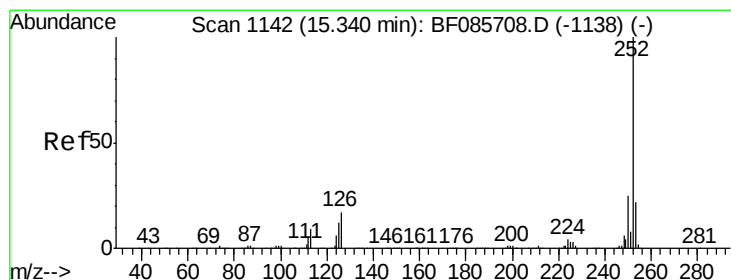
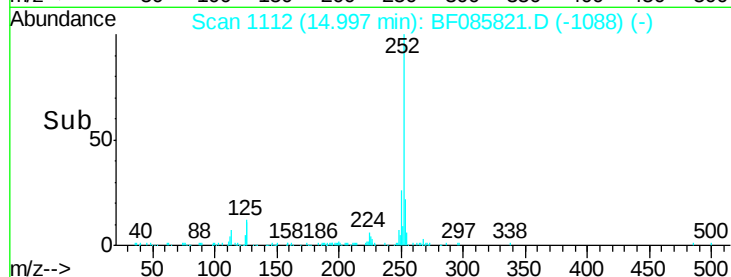
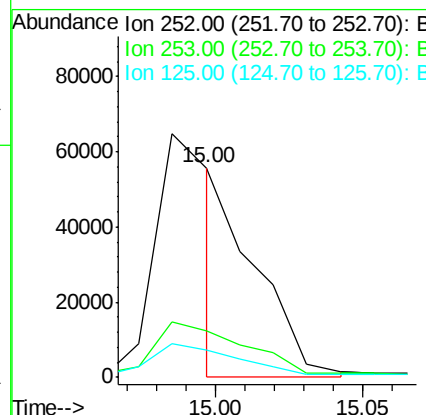
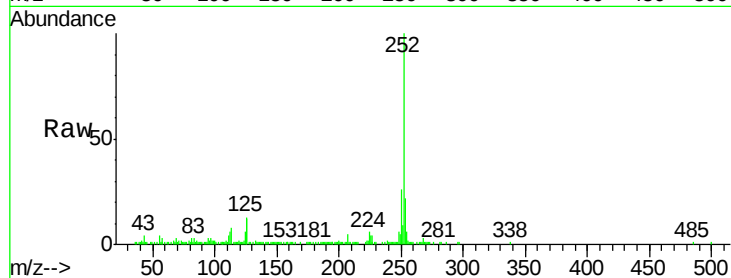
#88
Benzo(k)fluoranthene
Concen: 3.92 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085821.D
Acq: 29 Mar 2016 00:32

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-1(0-21FTBGS)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.9	7.7	11.5

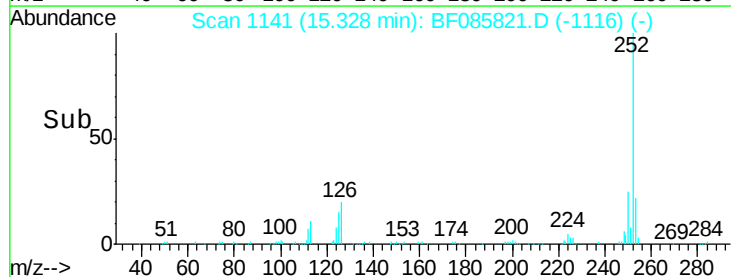
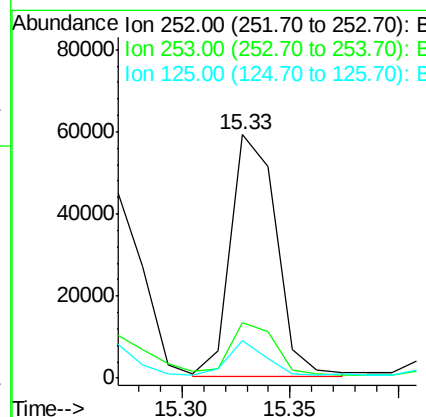
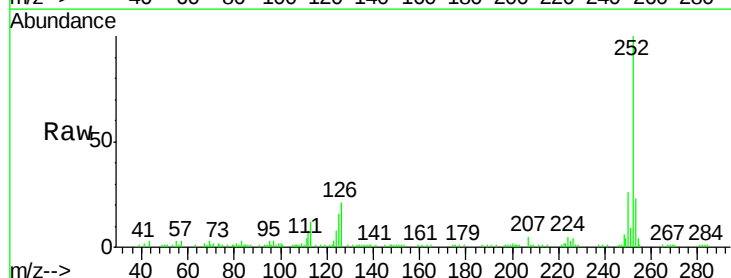
Manual Integrations
APPROVED

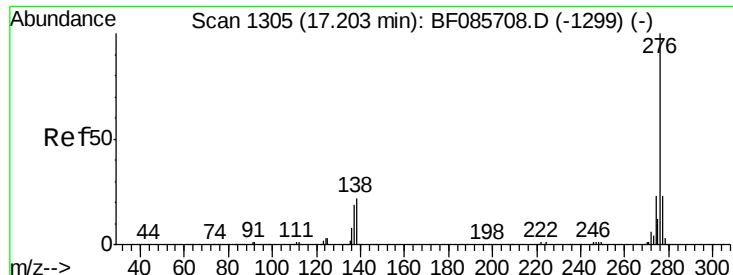
Sohil
3/29/2016 12:03:35 PM



#89
Benzo(a)pyrene
Concen: 7.85 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085821.D
Acq: 29 Mar 2016 00:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	15.7	10.3	15.5





#91
 Benzo(g,h,i)perylene
 Concen: 5.02 ng
 RT: 17.18 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF085821.D
 Acq: 29 Mar 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Tgt Ion:	276	Resp:	51445
Ion Ratio		Lower	Upper
276	100		
277	24.3	18.8	28.2
138	29.0	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 3/29/2016 12:03:35 PM

