

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089442.D
 Acq On : 30 Jul 2016 7:40
 Operator : UM/SJ
 Sample : H4215-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:00:06 PM

Quant Time: Aug 01 01:17:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	40467	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	143449	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	58369	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	95382	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	98996	20.00	ng	-0.03
86) Perylene-d12	14.97	264	90625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	290513	114.63	ng	-0.02
7) Phenol-d6	6.17	99	368191	109.93	ng	-0.03
23) Nitrobenzene-d5	7.08	82	218271	89.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	56383	116.63	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	348977	87.74	ng	-0.03
78) Terphenyl-d14	12.59	244	247600	58.54	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.28	163	78202	17.60	ng	99
74) Fluoranthene	12.22	202	17357	3.35	ng	99
77) Pyrene	12.43	202	16368	2.18	ng	98
80) Benzo(a)anthracene	13.62	228	12968	2.32	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.15	276	9070	2.15	ng	# 89
87) Benzo(b)fluoranthene	14.62	252	13254m	2.36	ng	
91) Benzo(g,h,i)perylene	16.50	276	10323m	2.64	ng	

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

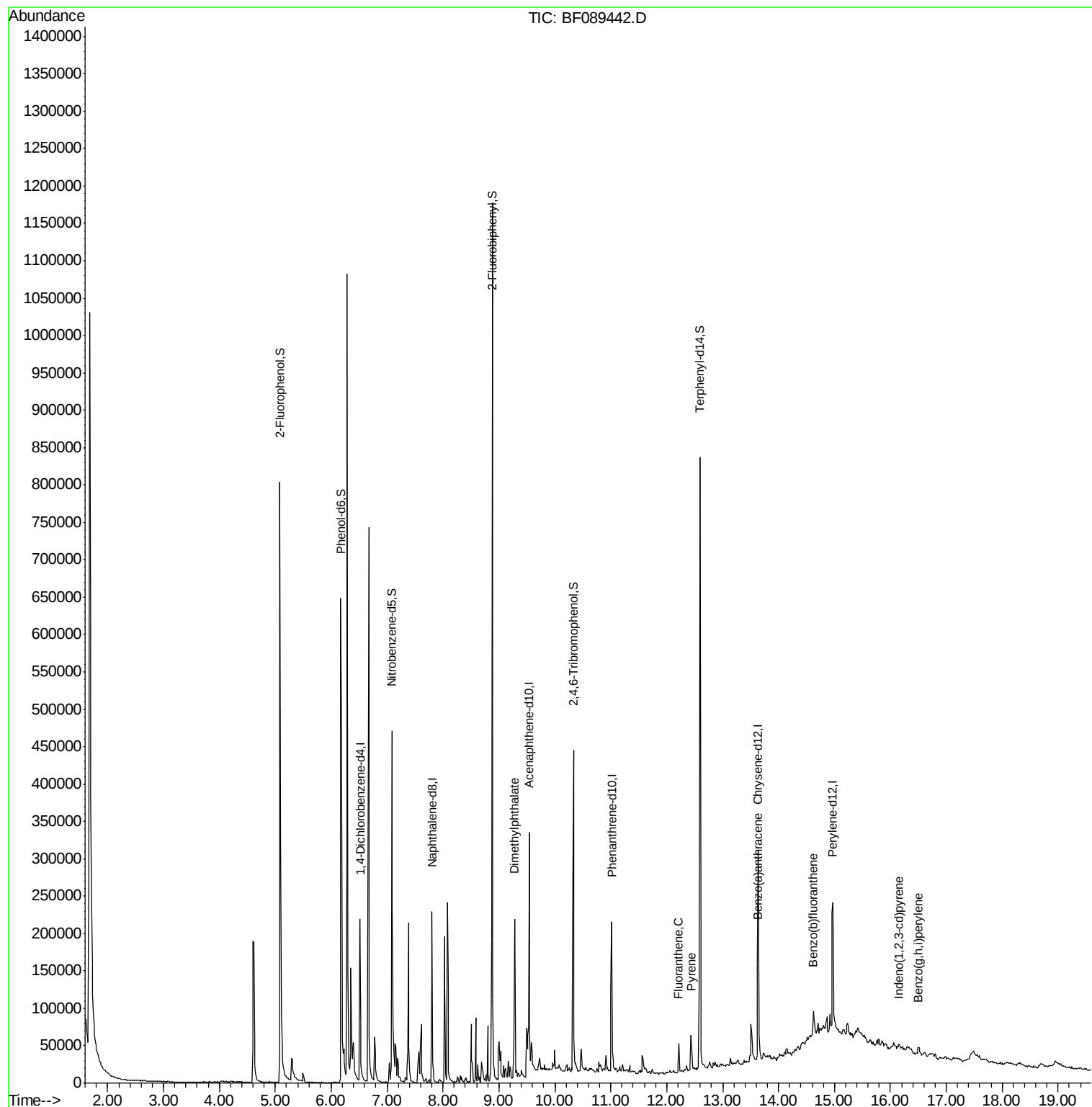
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089442.D
Acq On : 30 Jul 2016 7:40
Operator : UM/SJ
Sample : H4215-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Manual Integrations
APPROVED

sohil
8/1/2016 7:00:06 PM

Quant Time: Aug 01 01:17:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





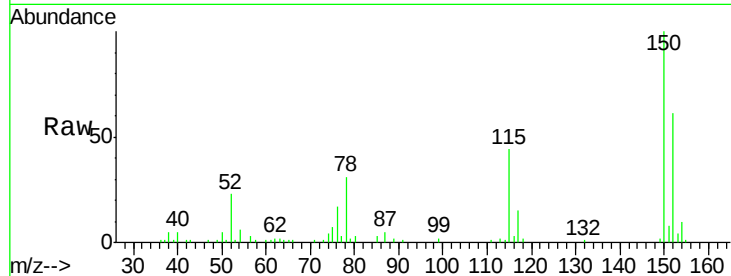
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

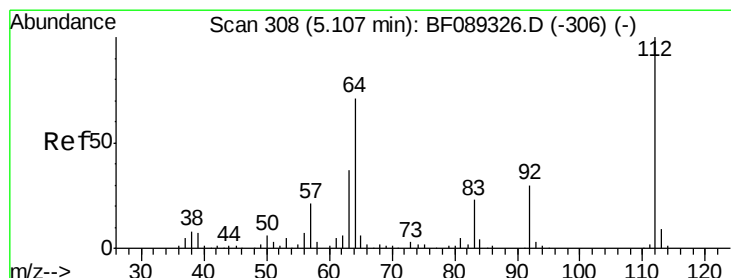
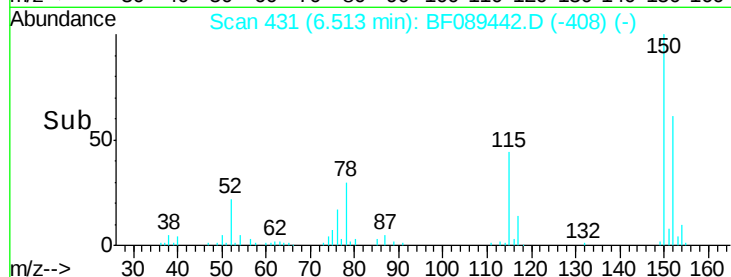
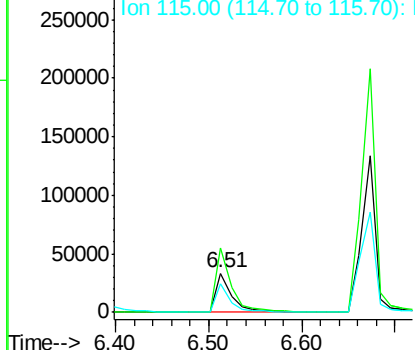
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.9	129.5	194.3
115	72.3	51.4	77.2

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:00:06 PM

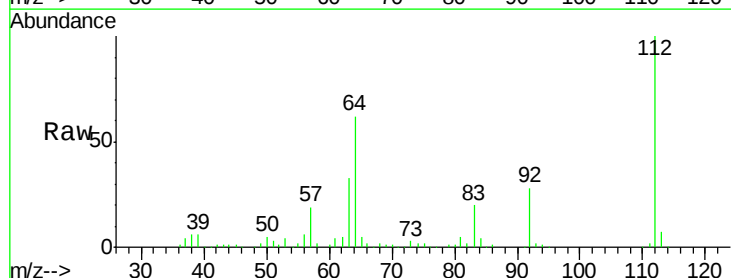


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

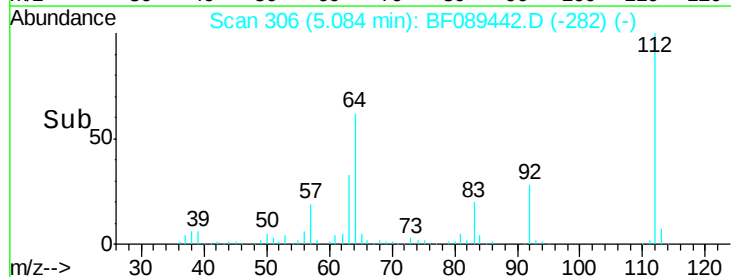
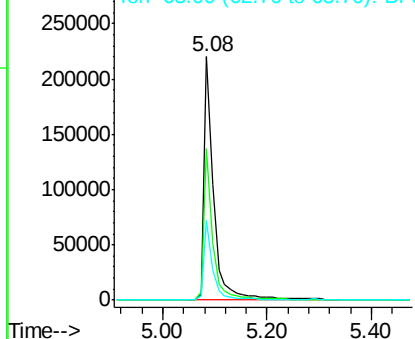


#5
 2-Fluorophenol
 Concen: 114.63 ng
 RT: 5.08 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	55.0	82.6
63	33.0	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.93 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089442.D

Acq: 30 Jul 2016 7:40

Instrument :

BNA_F

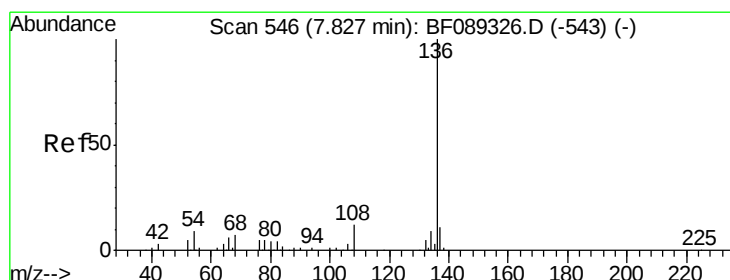
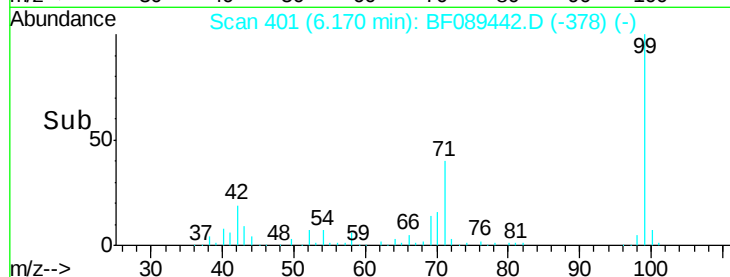
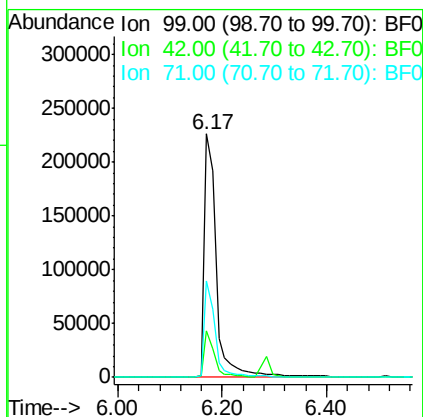
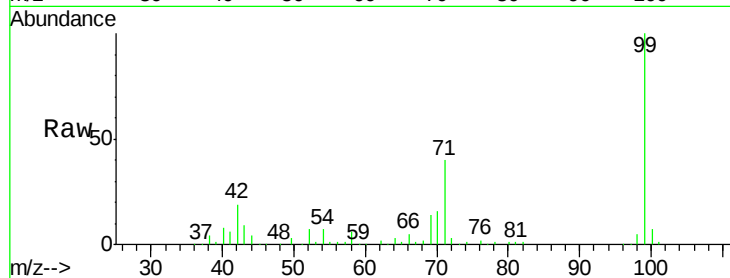
ClientSampleId :

SB-14-COMP

Tgt Ion:	99	Resp:	368191
Ion Ratio	Lower	Upper	
99	100		
42	19.3	13.6	20.4
71	39.6	29.4	44.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:00:06 PM



#21

Naphthalene-d8

Concen: 20.00 ng

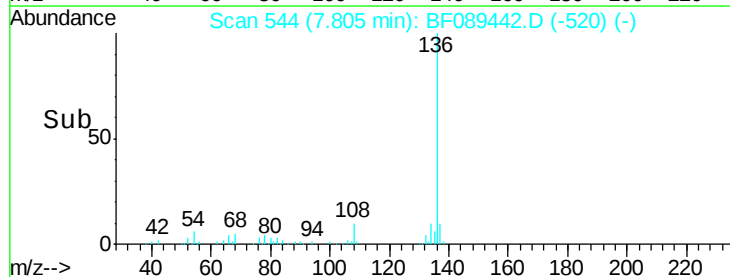
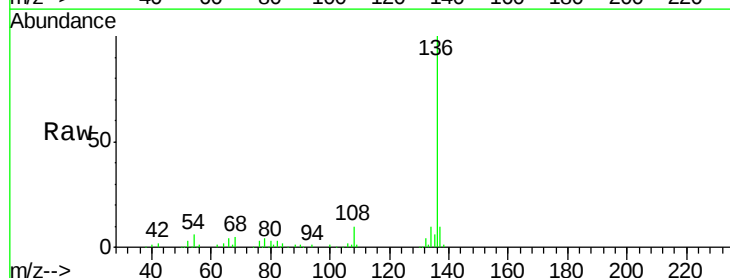
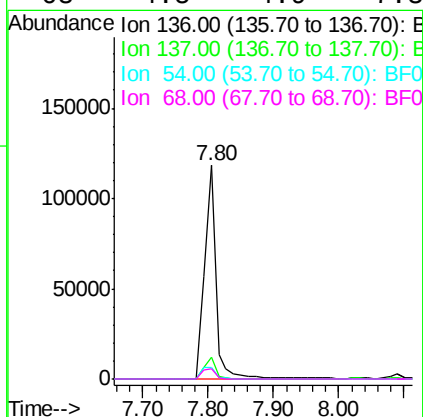
RT: 7.80 min Scan# 544

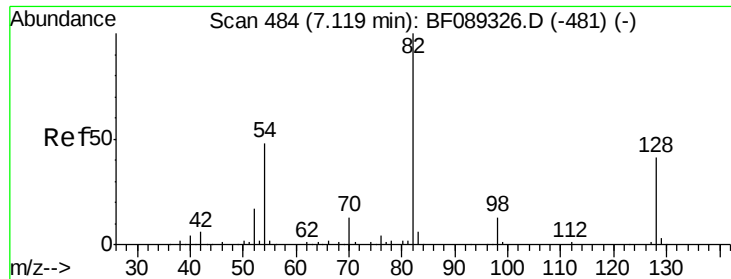
Delta R.T. -0.02 min

Lab File: BF089442.D

Acq: 30 Jul 2016 7:40

Tgt Ion:	136	Resp:	143449
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	5.6	7.0	10.4#
68	4.5	4.9	7.3#





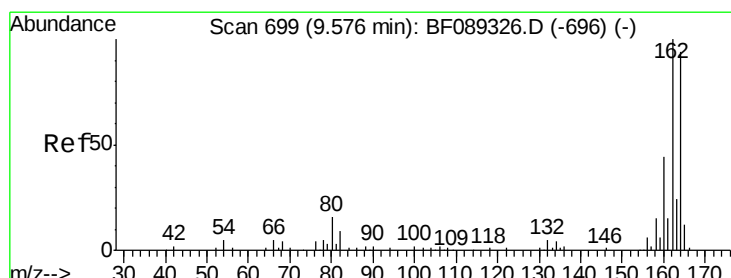
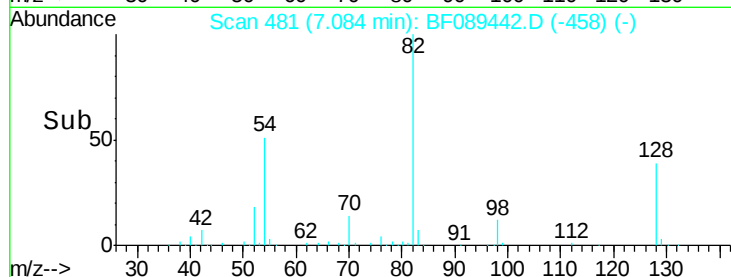
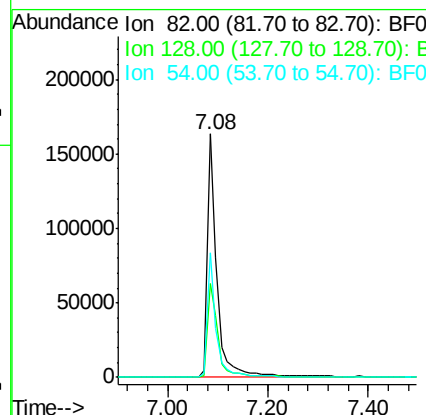
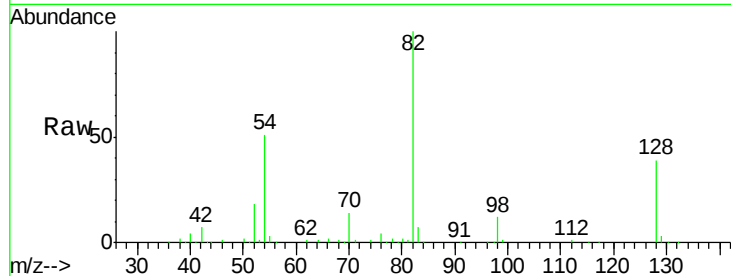
#23
 Nitrobenzene-d5
 Concen: 89.81 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	51.3	38.8	58.2

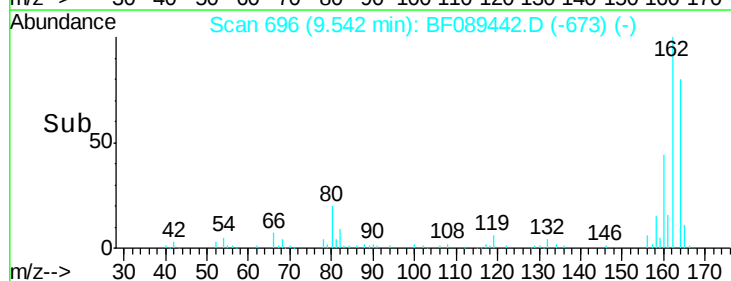
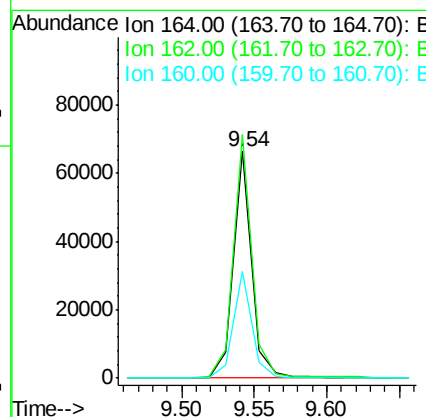
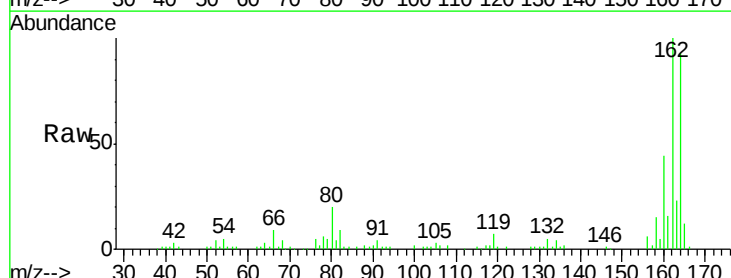
Manual Integrations
 APPROVED

sohil
 8/1/2016 7:00:06 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.7	125.5
160	46.9	37.8	56.6





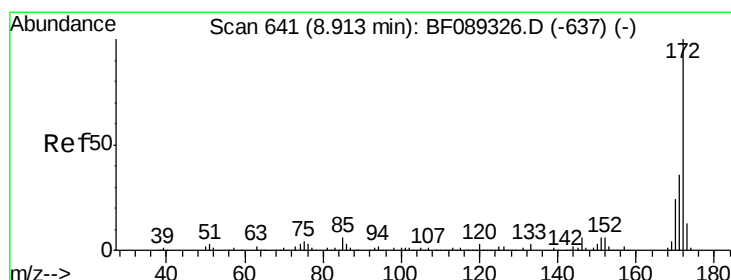
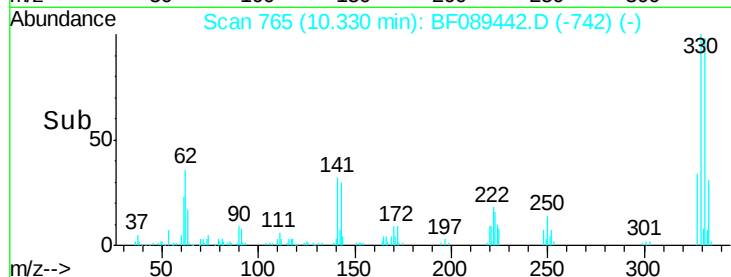
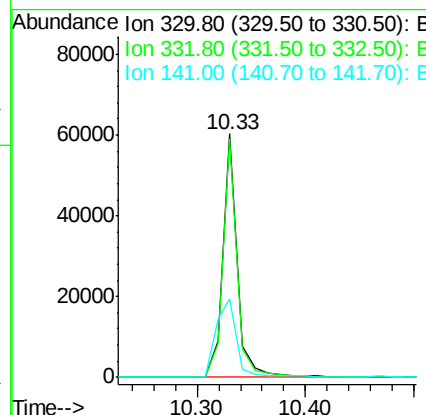
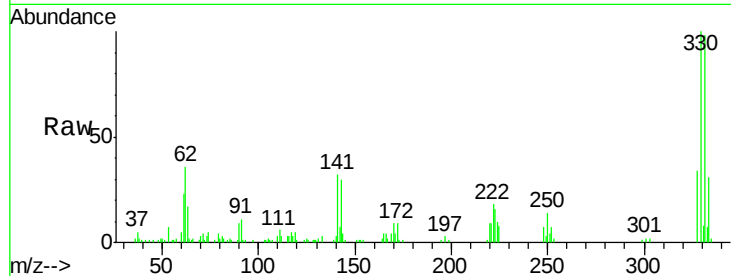
#41
 2,4,6-Tribromophenol
 Concen: 116.63 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	56383		
332	96.2	76.8	115.2	
141	46.9	37.3	55.9	

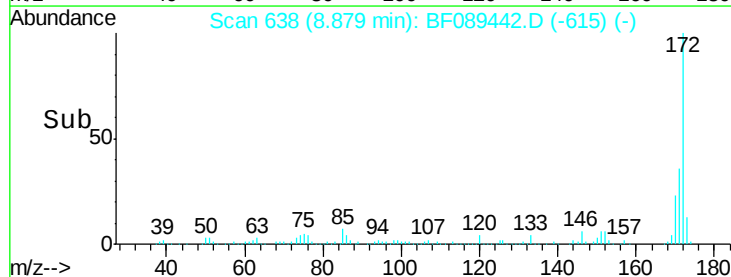
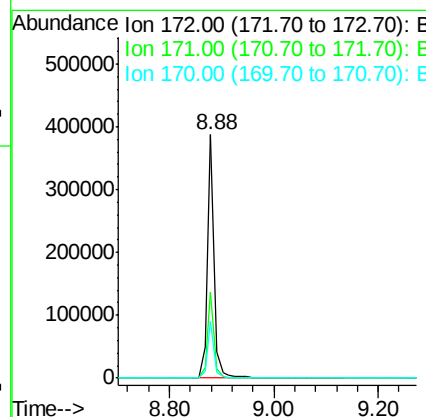
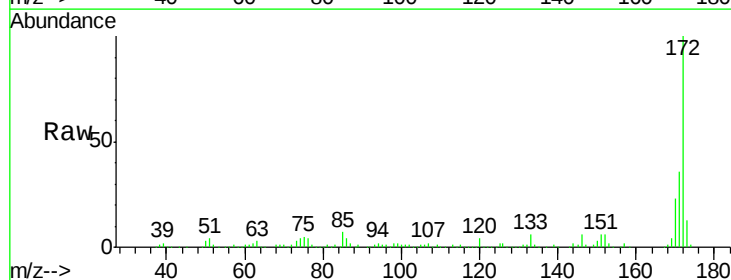
Manual Integrations
 APPROVED

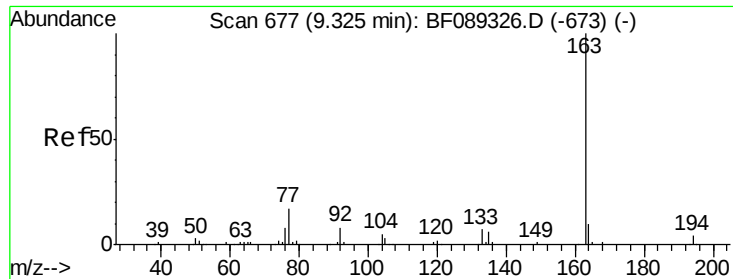
sohil
 8/1/2016 7:00:06 PM



#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	348977		
171	35.6	29.2	43.8	
170	23.2	19.2	28.8	





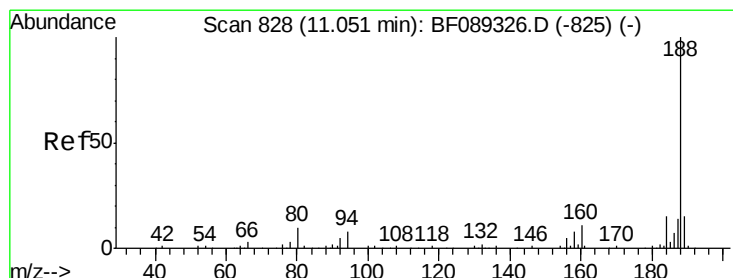
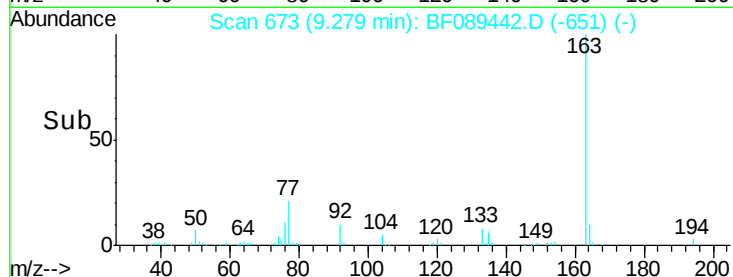
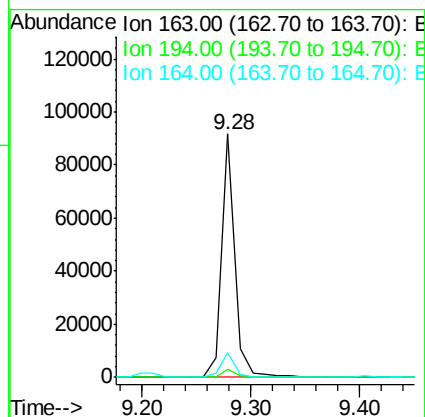
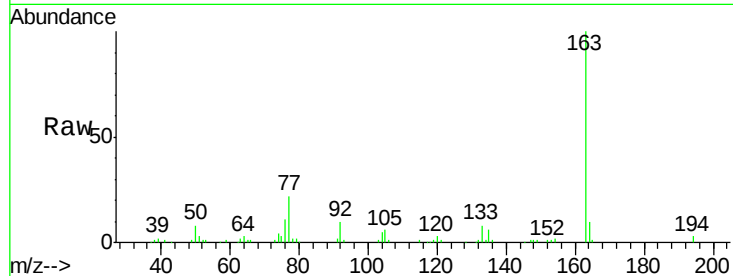
#49
Dimethylphthalate
Concen: 17.60 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089442.D
Acq: 30 Jul 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:163 Resp: 78202
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.1 7.8 11.8

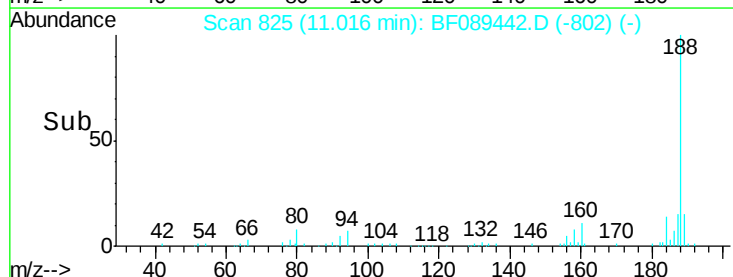
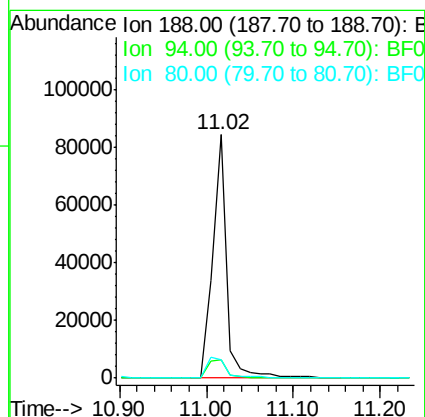
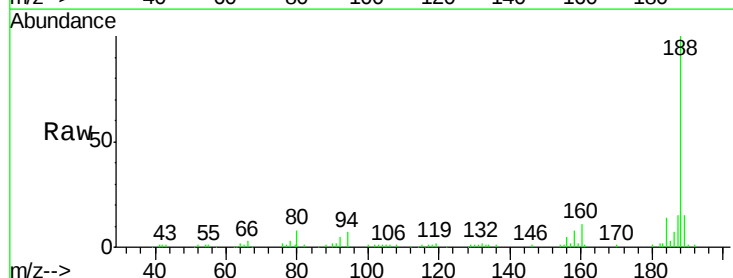
Manual Integrations
APPROVED

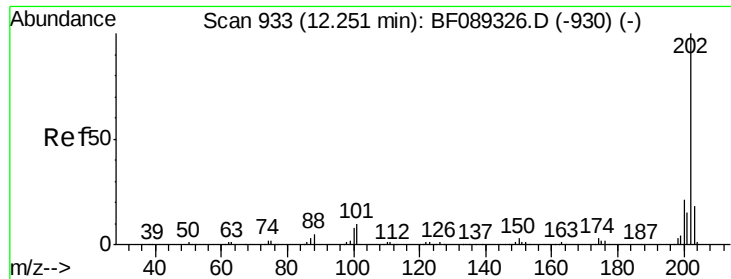
sohil
8/1/2016 7:00:06 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089442.D
Acq: 30 Jul 2016 7:40

Tgt Ion:188 Resp: 95382
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 7.5 7.2 10.8





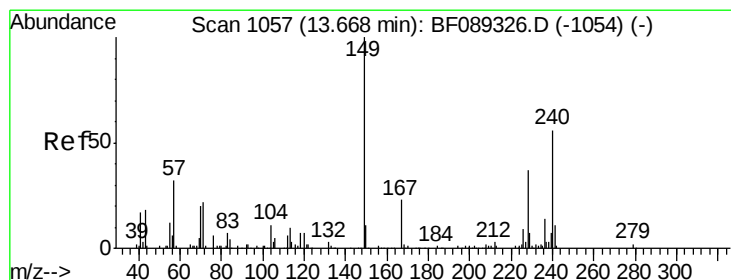
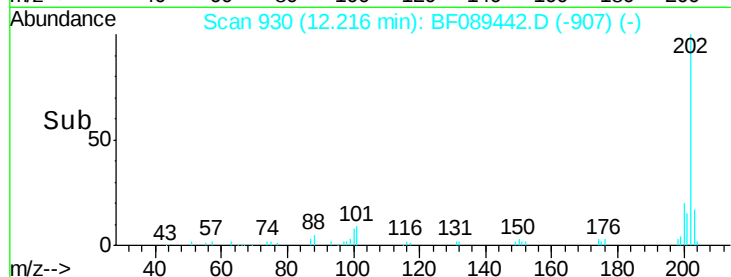
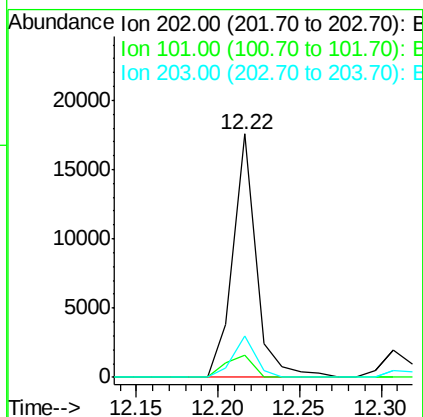
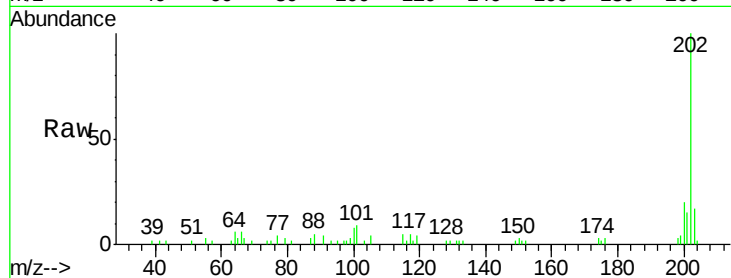
#74
Fluoranthene
 Concen: 3.35 ng
 RT: 12.22 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	0.0	29.9
203	16.8	0.0	37.3

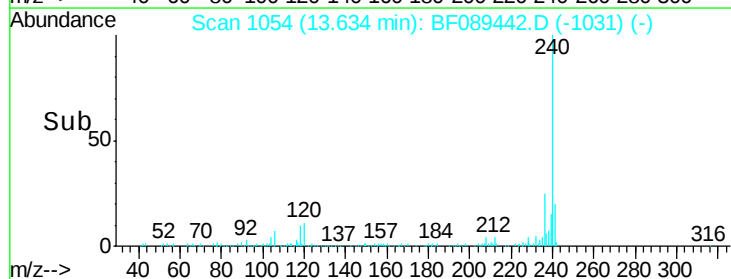
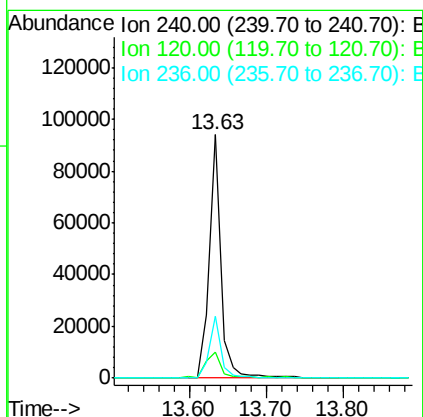
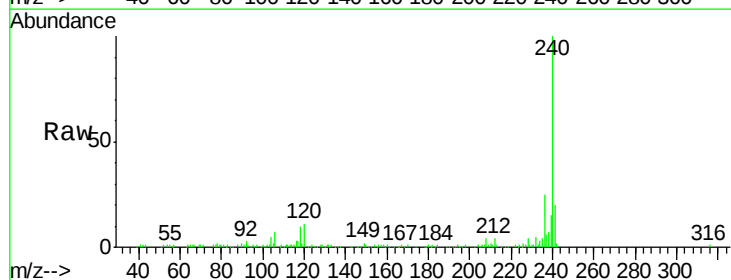
Manual Integrations
 APPROVED

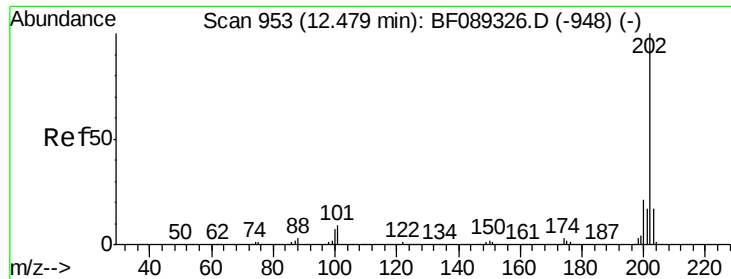
sohil
 8/1/2016 7:00:06 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF089442.D
 Acq: 30 Jul 2016 7:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.5	9.1	13.7
236	25.2	20.6	30.8





#77

Pyrene

Concen: 2.18 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF089442.D

Acq: 30 Jul 2016 7:40

Instrument :

BNA_F

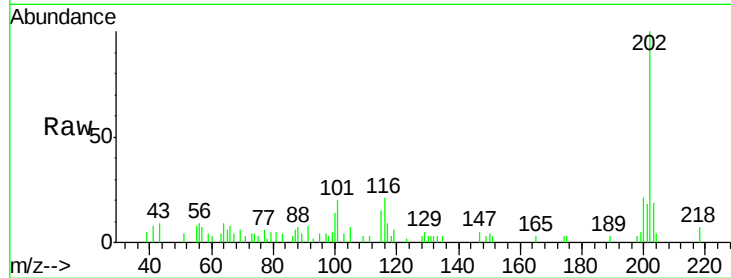
ClientSampleId :

SB-14-COMP

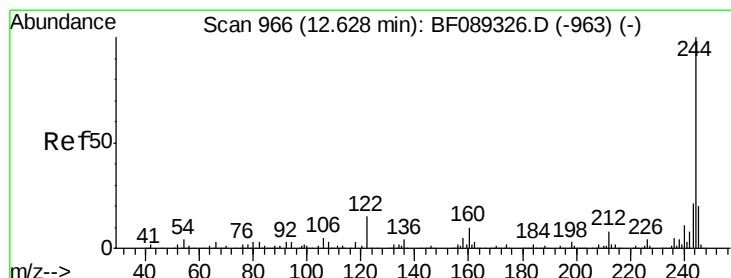
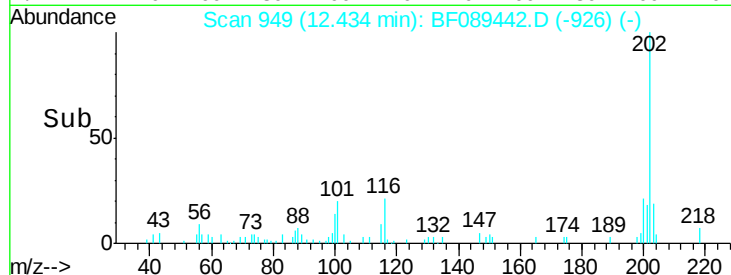
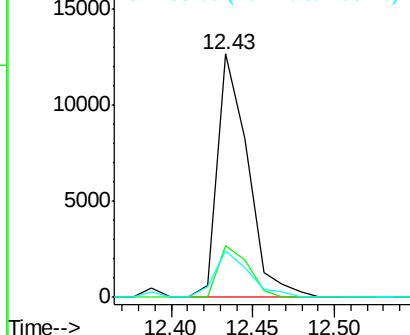
Tgt Ion:	202	Resp:	16368
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.9	25.3
203	19.1	14.0	21.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:00:06 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: 58.54 ng

RT: 12.59 min Scan# 963

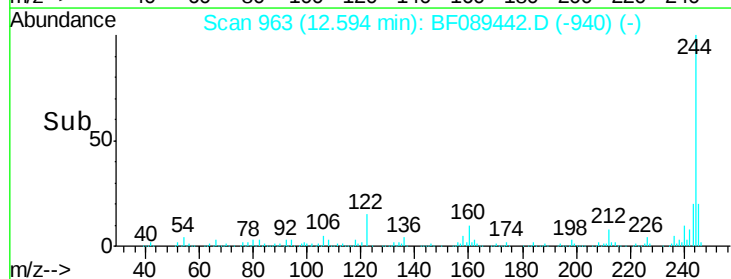
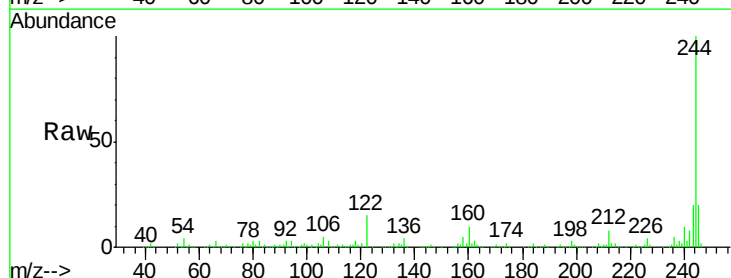
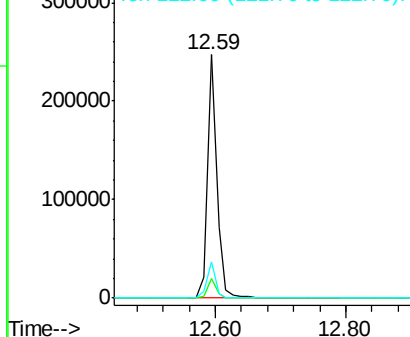
Delta R.T. -0.03 min

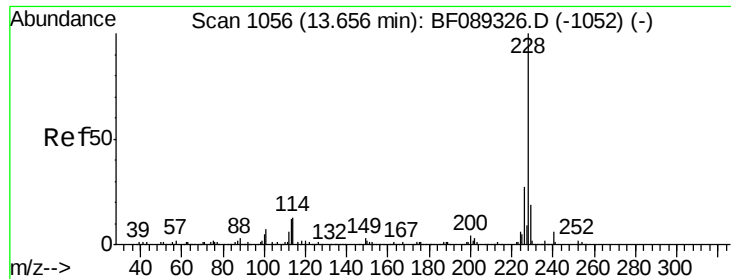
Lab File: BF089442.D

Acq: 30 Jul 2016 7:40

Tgt Ion:	244	Resp:	247600
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.5	9.7
122	14.9	11.4	17.0

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





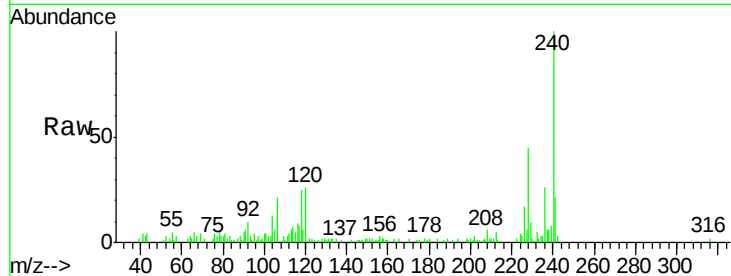
#80
Benzo(a)anthracene
Concen: 2.32 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.03 min
Lab File: BF089442.D
Acq: 30 Jul 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.6	21.4	32.2#
229	23.1	15.9	23.9

Manual Integrations
APPROVED

sohil
8/1/2016 7:00:06 PM

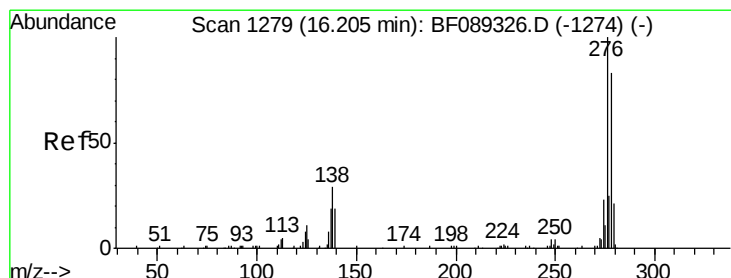
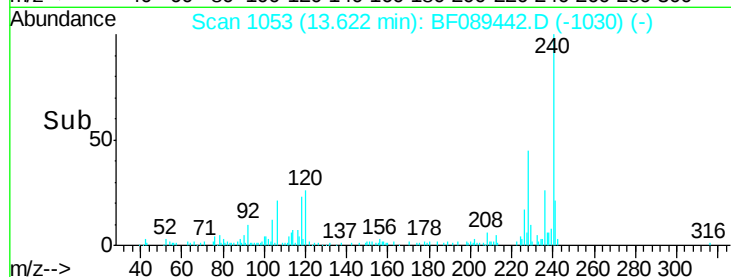
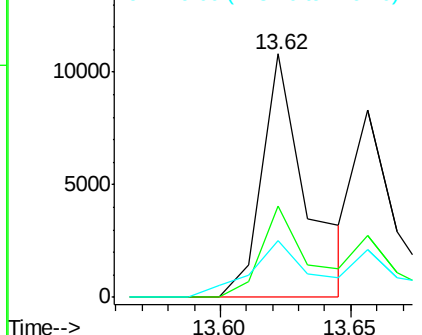


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.15 ng
RT: 16.15 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF089442.D
Acq: 30 Jul 2016 7:40

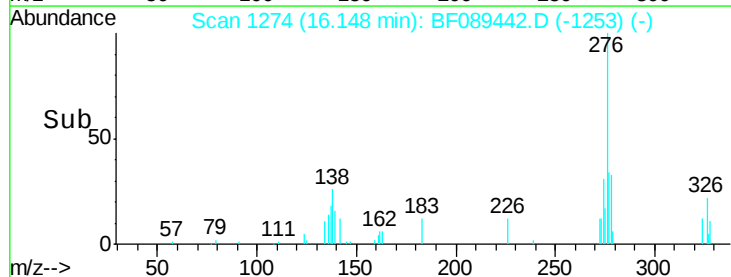
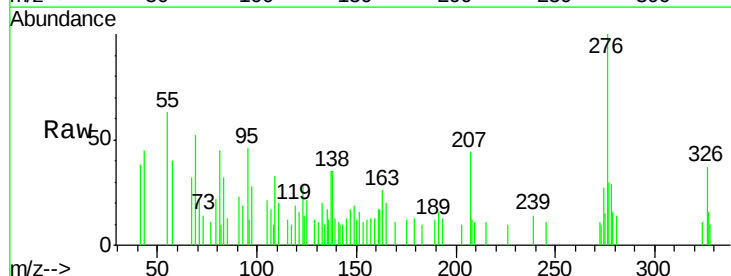
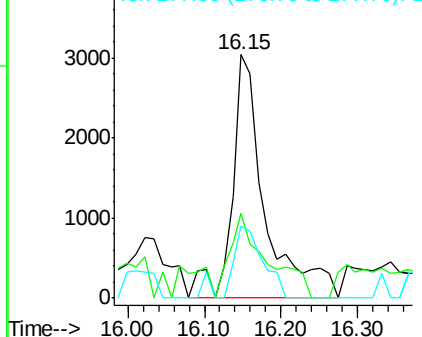
Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.7	23.0	34.4#
277	25.7	20.2	30.4

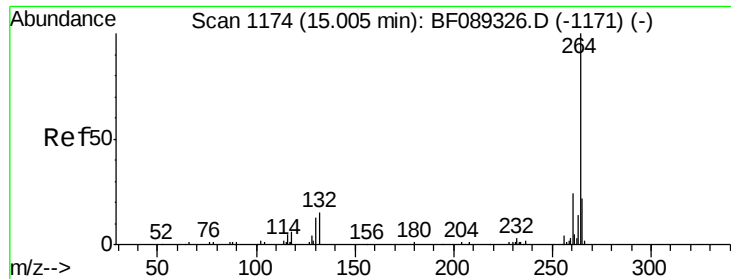
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





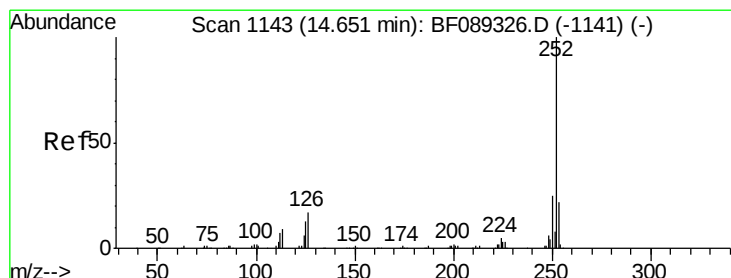
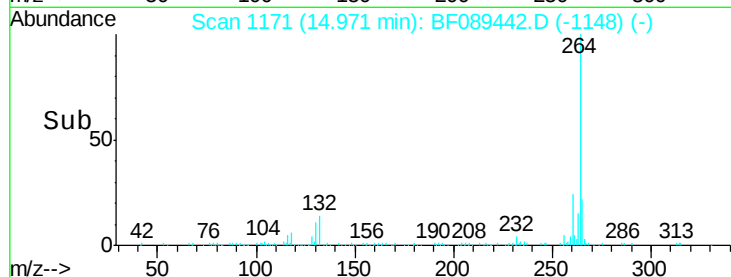
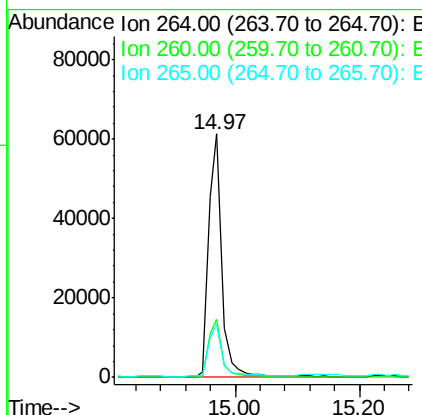
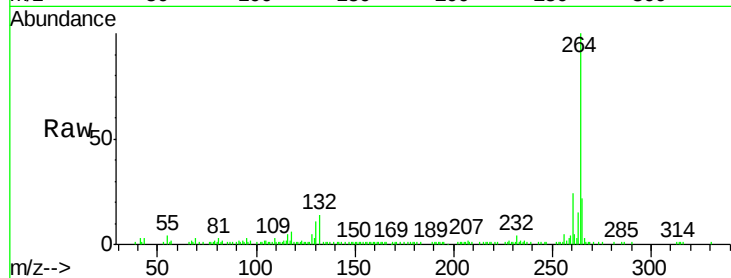
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF089442.D
Acq: 30 Jul 2016 7:40

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:	264	Resp:	90625
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.0	28.4
265	21.7	17.5	26.3

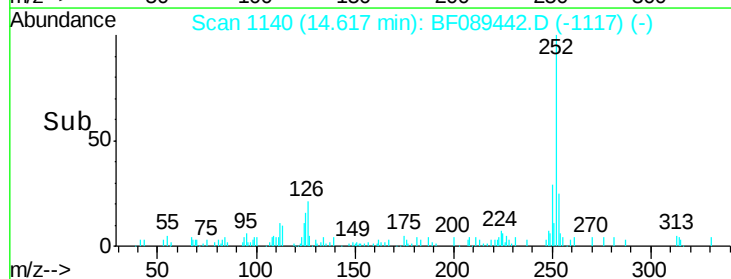
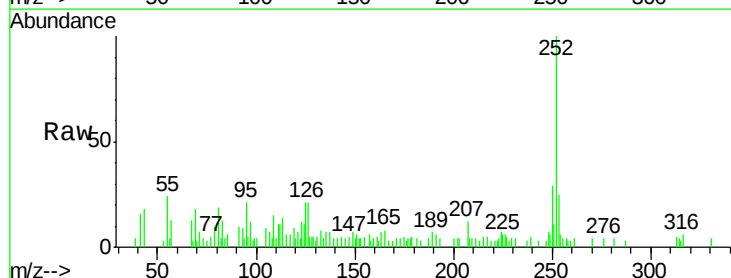
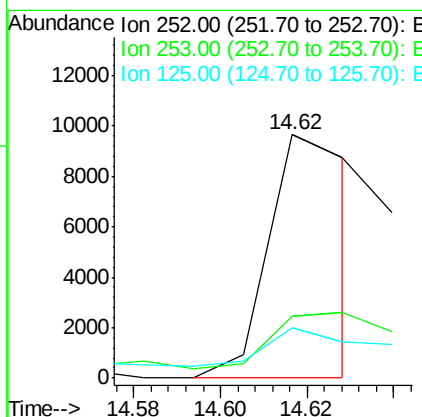
Manual Integrations
APPROVED

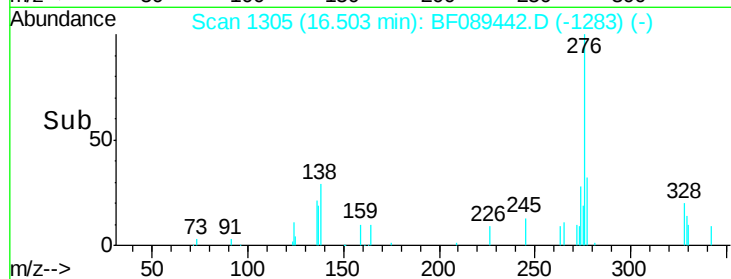
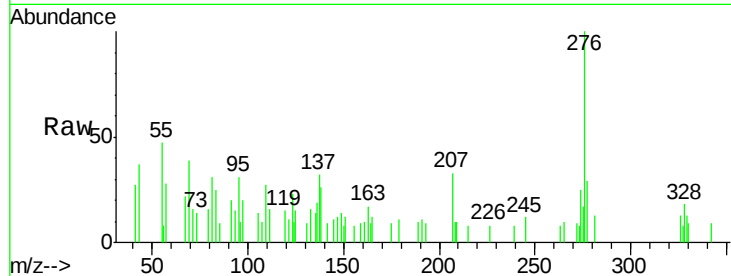
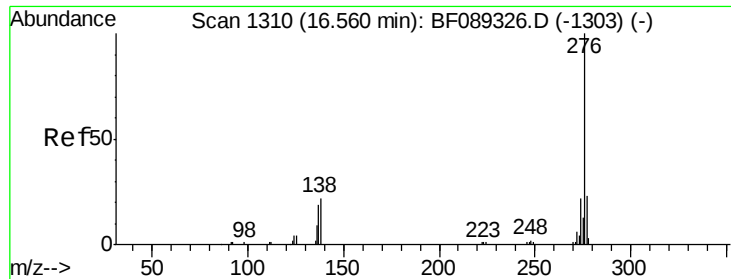
sohil
8/1/2016 7:00:06 PM



#87
Benzo(b)fluoranthene
Concen: 2.36 ng m
RT: 14.62 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF089442.D
Acq: 30 Jul 2016 7:40

Tgt Ion:	252	Resp:	13254
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.2	25.8
125	20.5	9.7	14.5#





#91

Benzo(g,h,i)perylene

Concen: 2.64 ng m

RT: 16.50 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF089442.D

Acq: 30 Jul 2016 7:40

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

Tgt Ion: 276 Resp: 10323

Ion Ratio Lower Upper

276 100

277 28.7 18.6 28.0#

138 25.8 21.4 32.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:00:06 PM

