

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076787.D
 Acq On : 8 Jan 2015 21:31
 Operator : IZ / TP
 Sample : G1038-02
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Manual Integrations
 APPROVED

TEJASKUMAR
 1/9/2015 5:25:22 PM

Quant Time: Jan 09 13:11:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 09 02:32:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	39850	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	158751	20.00	ng	0.00
38) Acenaphthene-d10	15.21	164	88011m	20.00	ng	0.00
63) Phenanthrene-d10	17.92	188	135805m	20.00	ng	0.00
75) Chrysene-d12	21.60	240	124851m	20.00	ng	0.13
86) Perylene-d12	23.11	264	119677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.86	112	41173m	17.52	ng	1.66
7) Phenol-d6	7.72	99	47635	16.59	ng	0.00
23) Nitrobenzene-d5	9.49	82	170981	64.05	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	32845m	44.16	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	290209	51.31	ng	0.00
78) Terphenyl-d14	20.20	244	67285	11.89	ng	0.00
Target Compounds						Qvalue
45) 1,1'-Biphenyl	13.90	154	19247	2.94	ng	97
49) Dimethylphthalate	14.77	163	24746	3.97	ng	# 96
83) Bis(2-ethylhexyl)phthalate	21.61	149	42892	6.79	ng	# 85

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

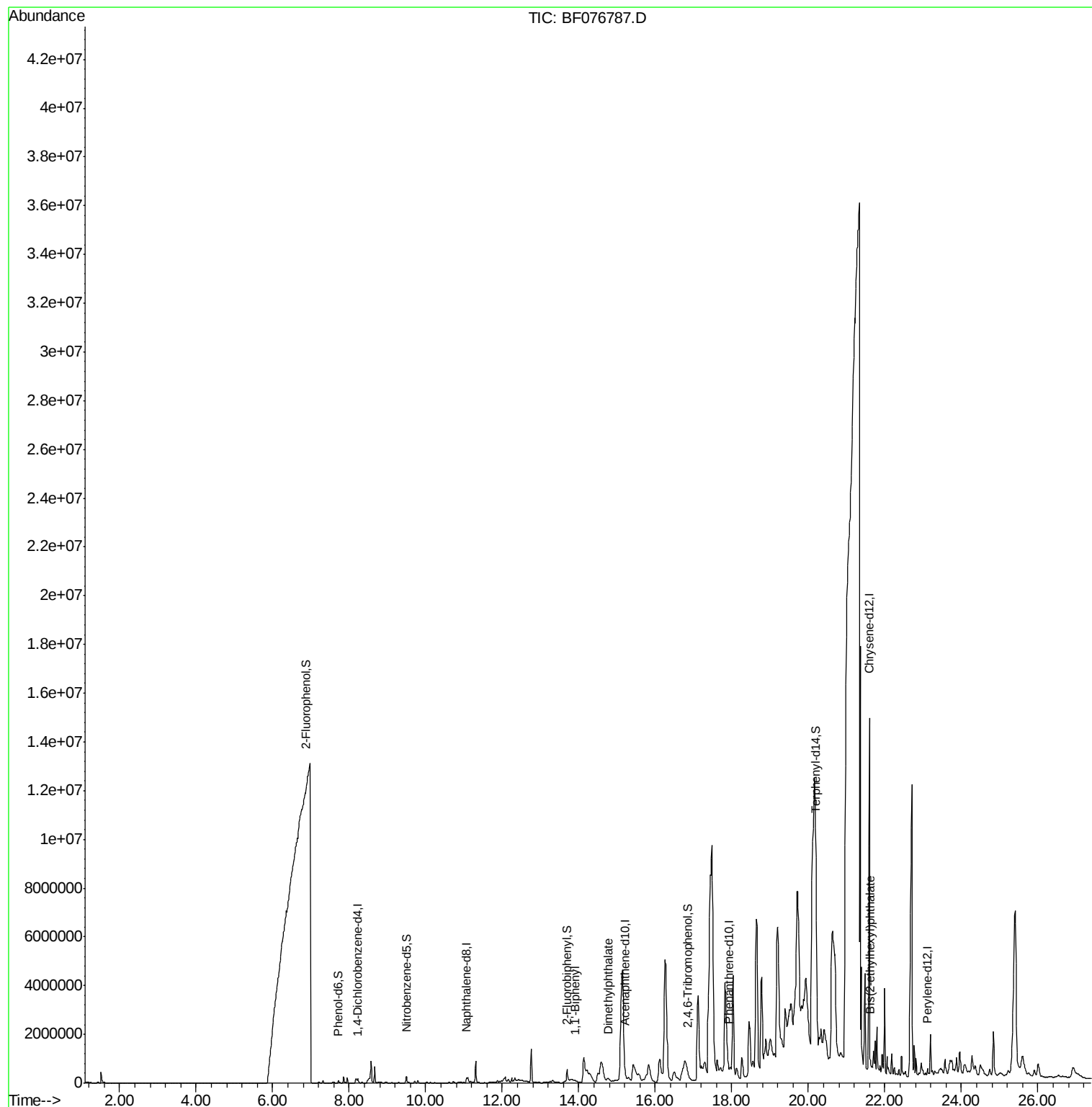
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076787.D
Acq On : 8 Jan 2015 21:31
Operator : IZ / TP
Sample : G1038-02
Misc : W
ALS Vial : 14 Sample Multiplier: 1

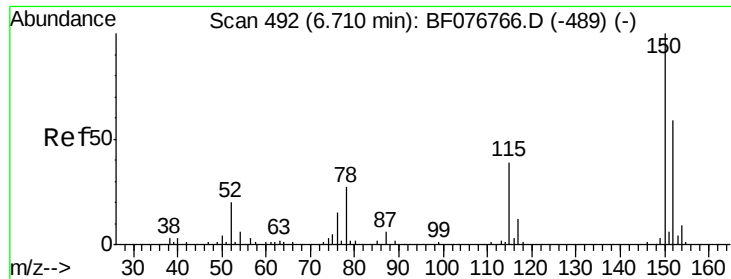
Instrument :
BNA_F
ClientSampleId :
EFFWW

Manual Integrations
APPROVED

TEJASKUMAR
1/9/2015 5:25:22 PM

Quant Time: Jan 09 13:11:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 09 02:32:44 2015
Response via : Initial Calibration





#1

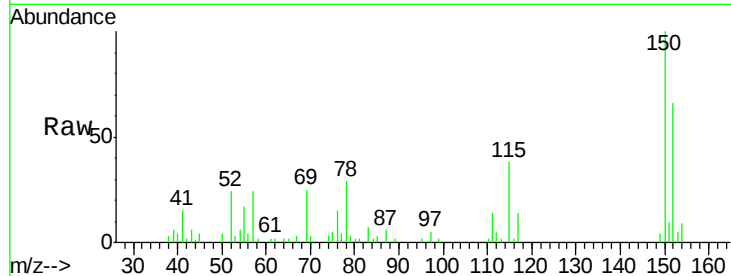
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
EFFWW

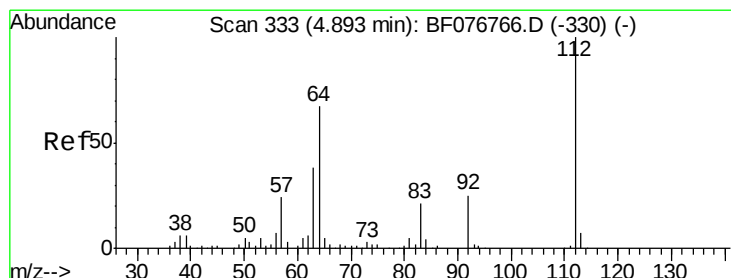
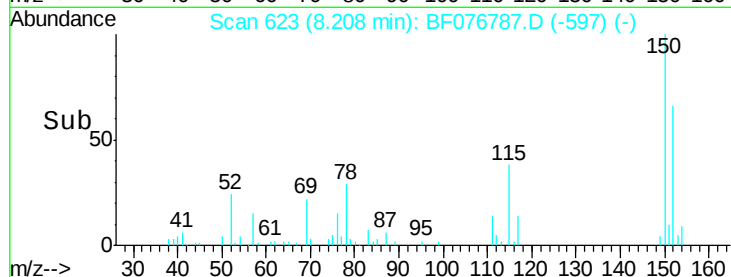
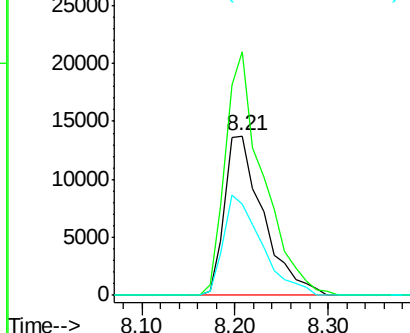
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.2	187.8
115	57.2	51.4	77.0

Manual Integrations
APPROVED

TEJASKUMAR
1/9/2015 5:25:22 PM



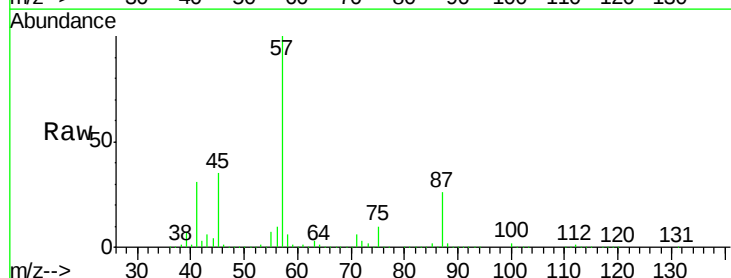
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



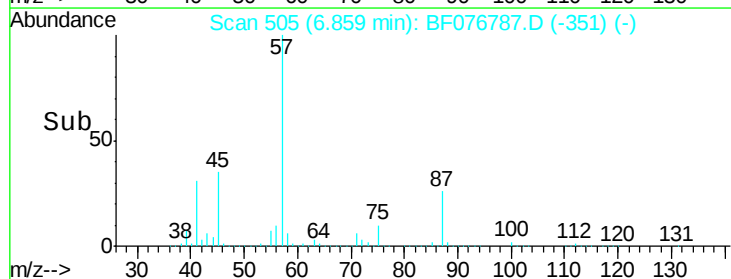
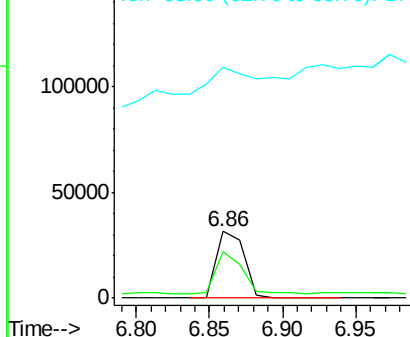
#5

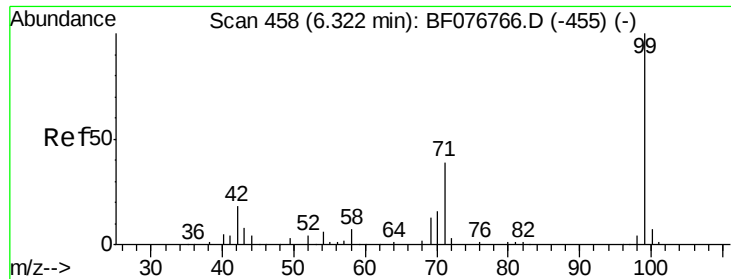
2-Fluorophenol
Concen: 17.52 ng m
RT: 6.86 min Scan# 505
Delta R.T. 1.66 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	47.4	71.0
63	347.8	25.0	37.4#



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: 16.59 ng

RT: 7.72 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF076787.D

Acq: 8 Jan 2015 21:31

Instrument :

BNA_F

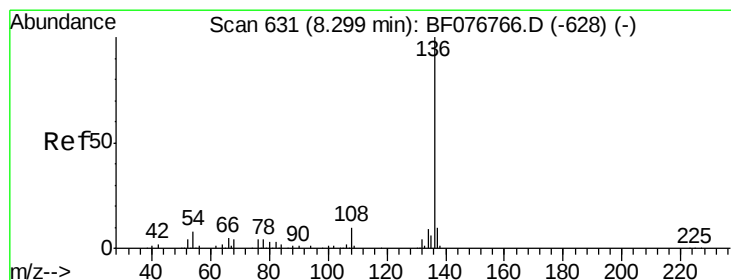
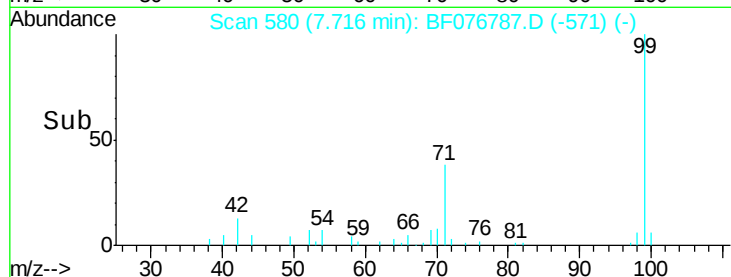
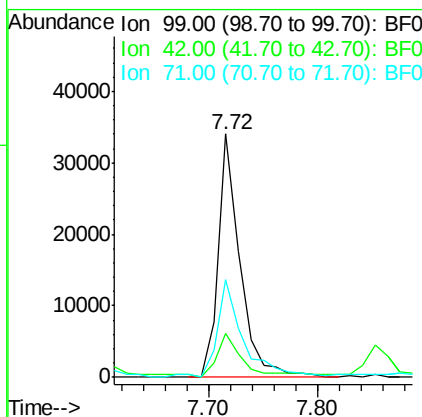
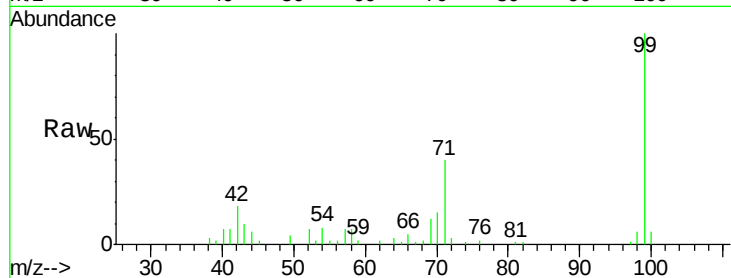
ClientSampleId :

EFFWW

Tgt Ion:	99	Resp:	47635
Ion Ratio	Lower	Upper	
99	100		
42	18.0	11.6	17.4#
71	40.4	25.9	38.9#

Manual Integrations
APPROVED

TEJASKUMAR
1/9/2015 5:25:22 PM



#21

Naphthalene-d8

Concen: 20.00 ng

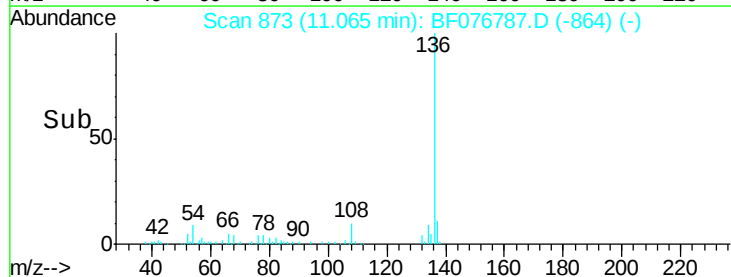
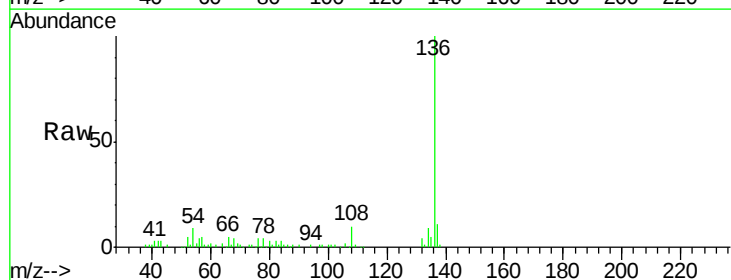
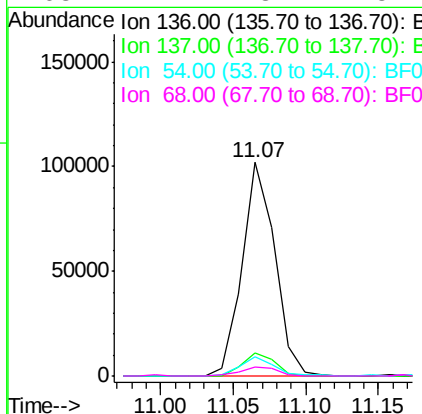
RT: 11.07 min Scan# 873

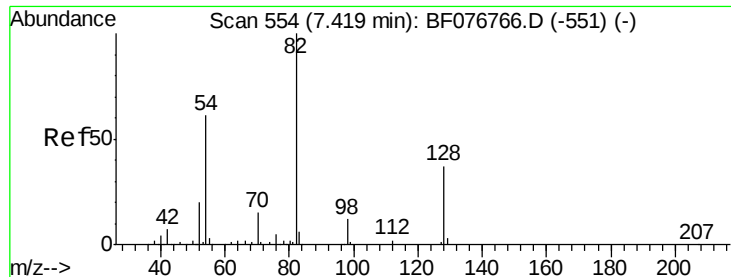
Delta R.T. 0.00 min

Lab File: BF076787.D

Acq: 8 Jan 2015 21:31

Tgt Ion:	136	Resp:	158751
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	9.0	7.8	11.6
68	4.1	3.4	5.2





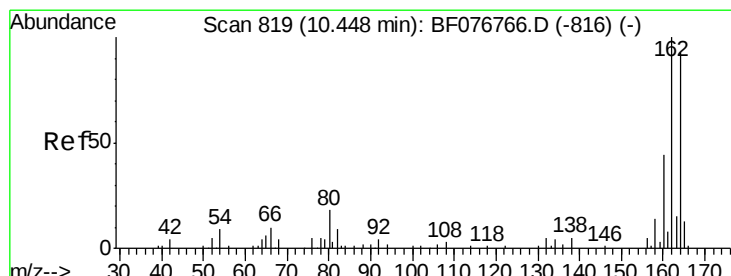
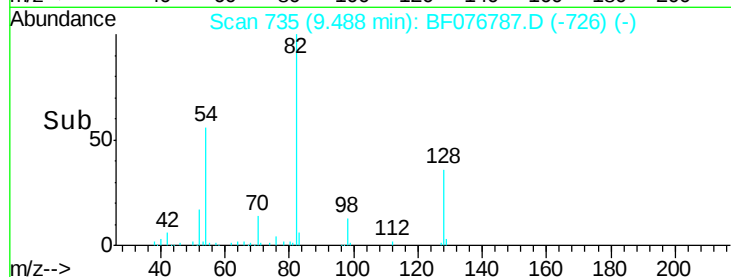
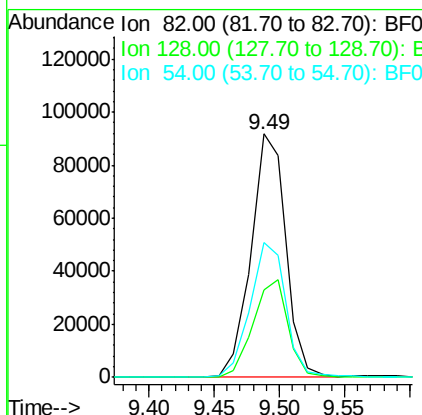
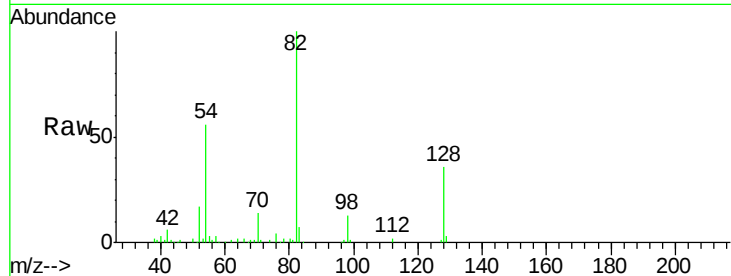
#23
Nitrobenzene-d5
Concen: 64.05 ng
RT: 9.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.9	47.9
54	55.5	47.2	70.8

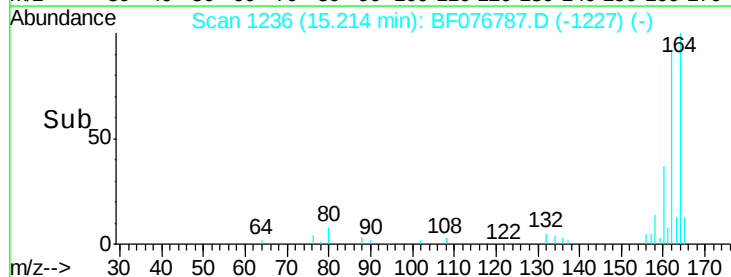
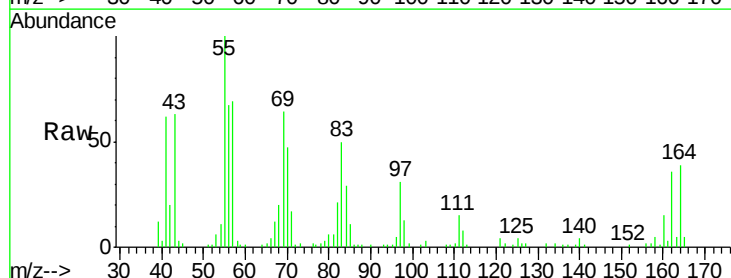
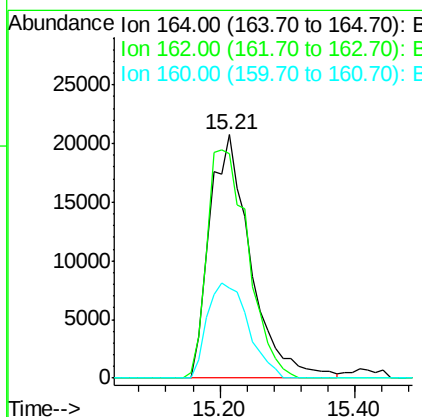
Manual Integrations
APPROVED

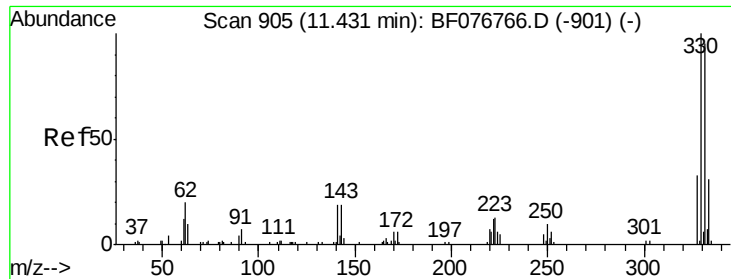
TEJASKUMAR
1/9/2015 5:25:22 PM



#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 15.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.1	84.2	126.2
160	37.0	35.5	53.3





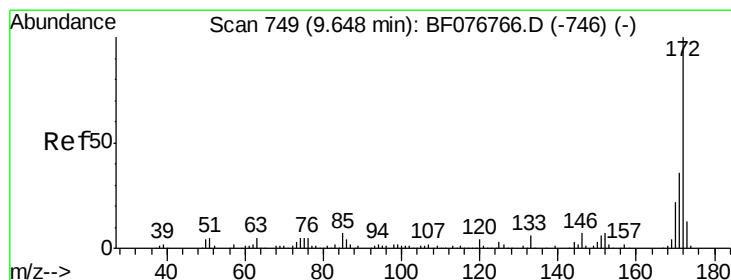
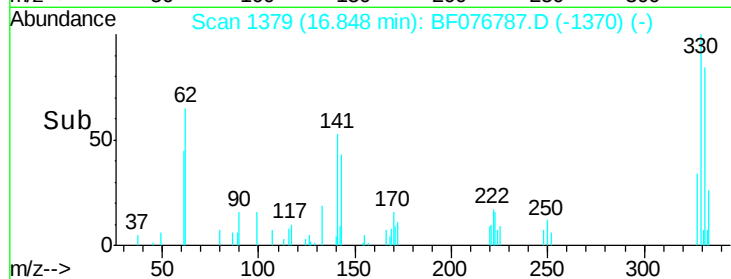
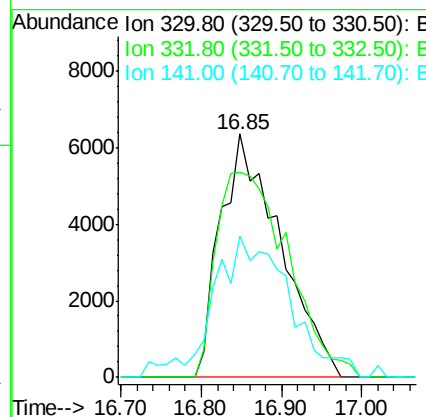
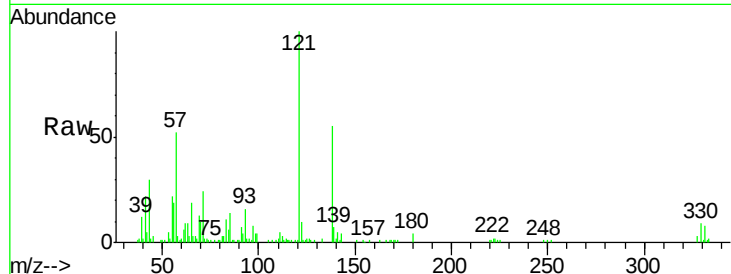
#41
 2,4,6-Tribromophenol
 Concen: 44.16 ng m
 RT: 16.85 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF076787.D
 Acq: 8 Jan 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	32845		
332	77.1	0.0	0.0	0.0
141	51.5	0.0	0.0	0.0

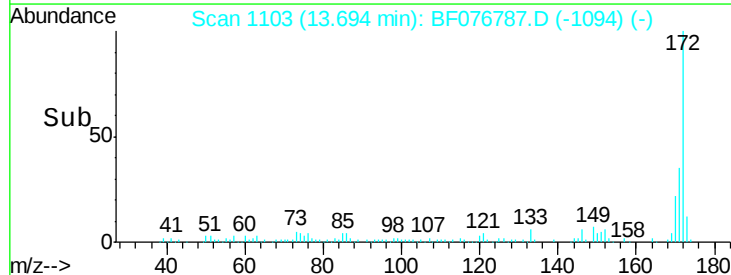
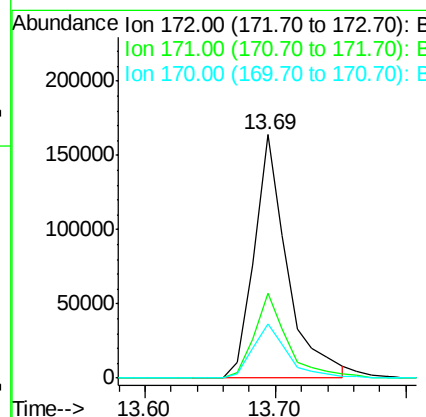
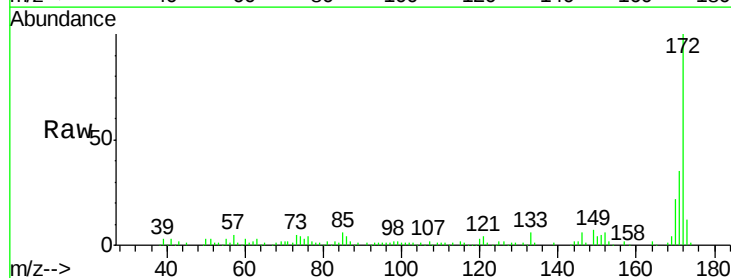
Manual Integrations
 APPROVED

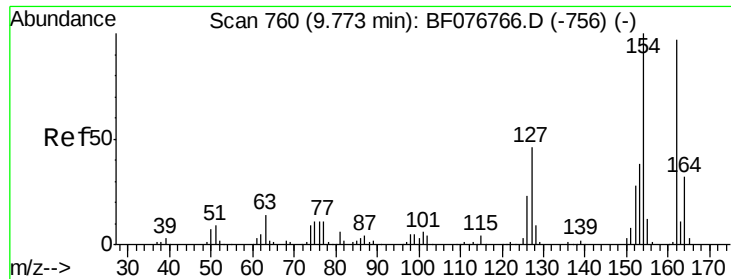
TEJASKUMAR
 1/9/2015 5:25:22 PM



#44
 2-Fluorobiphenyl
 Concen: 51.31 ng
 RT: 13.69 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BF076787.D
 Acq: 8 Jan 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	290209		
171	35.0	27.8	41.8	
170	22.4	19.0	28.4	





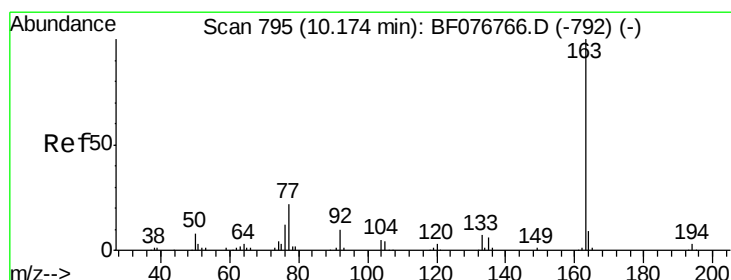
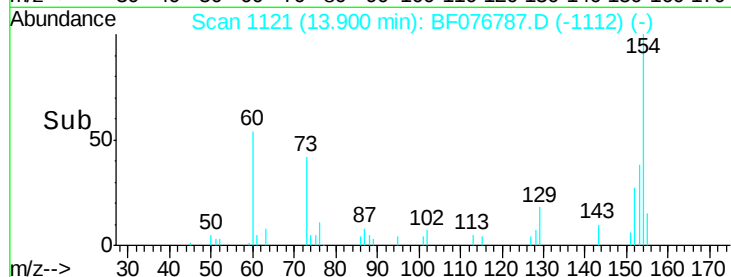
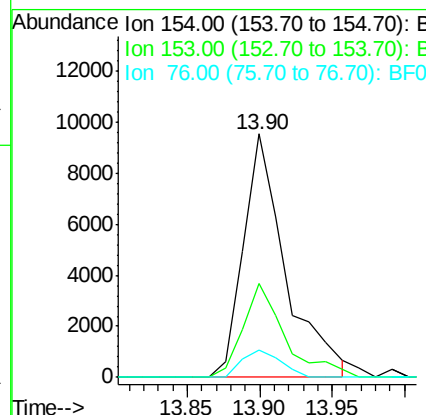
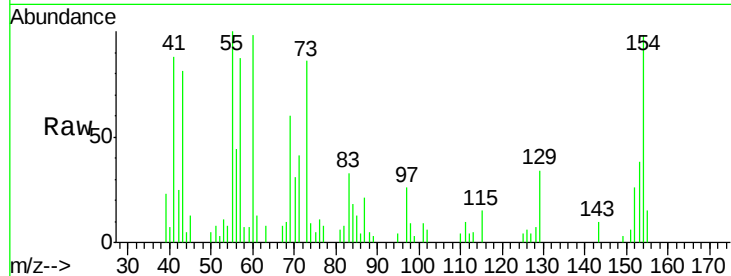
#45
1,1'-Biphenyl
Concen: 2.94 ng
RT: 13.90 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.0	60.0
76	11.5	0.0	29.4

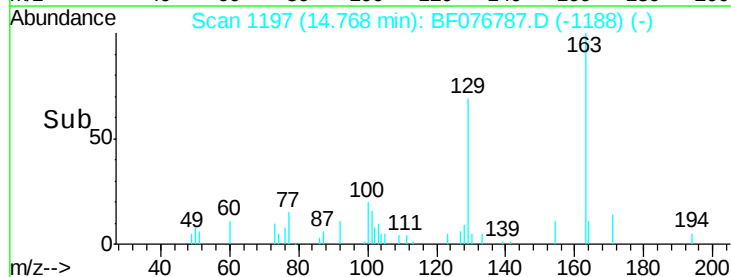
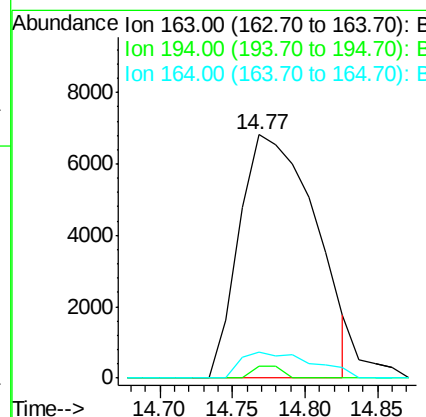
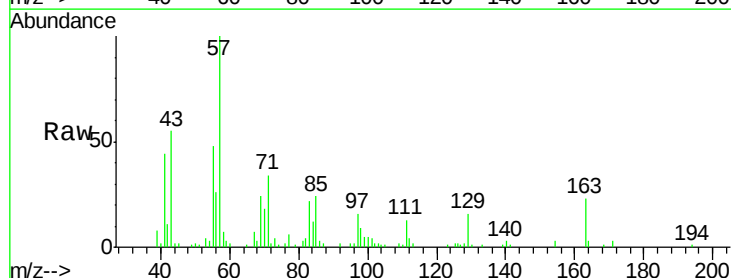
Manual Integrations
APPROVED

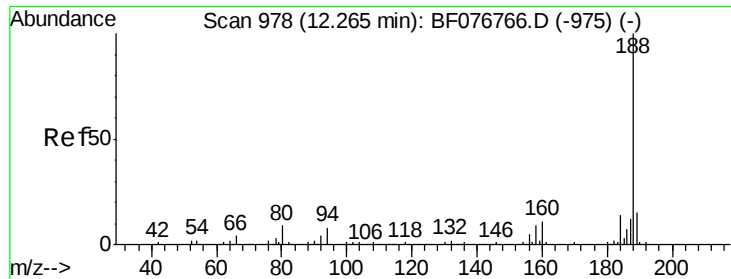
TEJASKUMAR
1/9/2015 5:25:22 PM



#49
Dimethylphthalate
Concen: 3.97 ng
RT: 14.77 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.6	4.0#
164	10.9	7.7	11.5





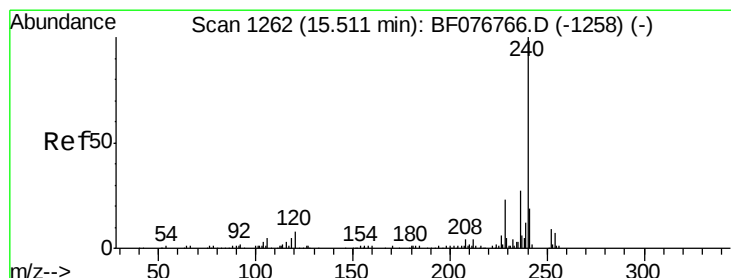
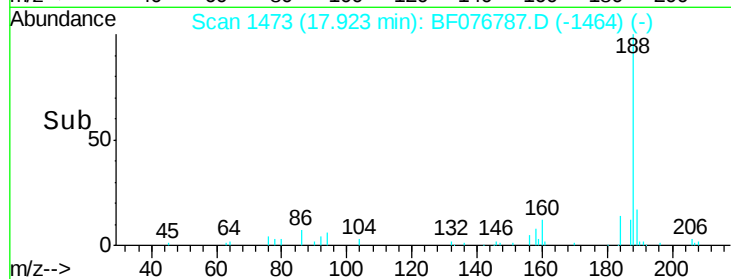
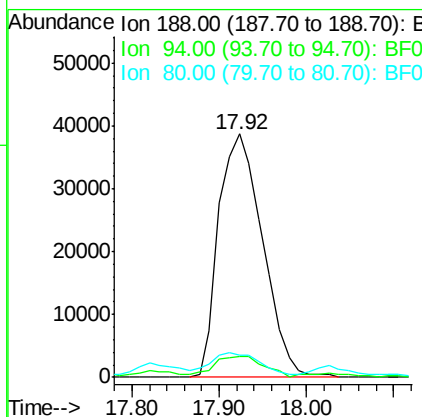
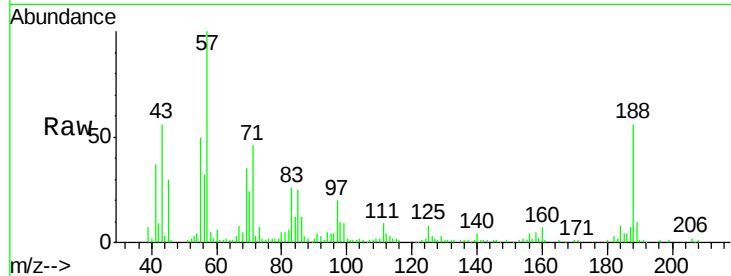
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 17.92 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Instrument :
BNA_F
ClientSampled :
EFFWW

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	7.9	11.9
80	9.2	8.2	12.2

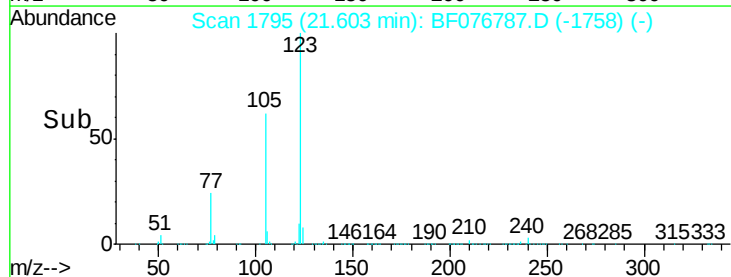
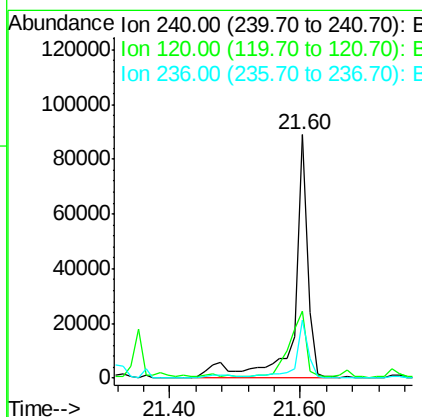
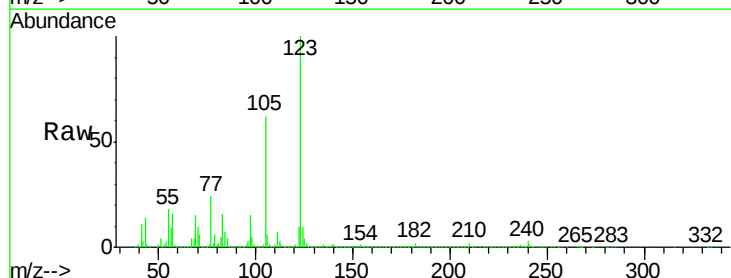
Manual Integrations
APPROVED

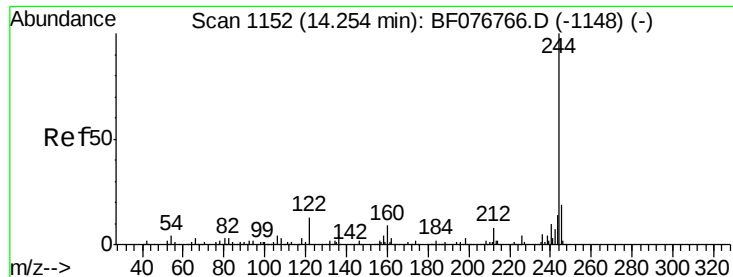
TEJASKUMAR
1/9/2015 5:25:22 PM



#75
Chrysene-d12
Concen: 20.00 ng m
RT: 21.60 min Scan# 1795
Delta R.T. 0.13 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	27.3	8.0	12.0#
236	24.1	20.6	30.8





#78

Terphenyl-d14

Concen: 11.89 ng

RT: 20.20 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BF076787.D

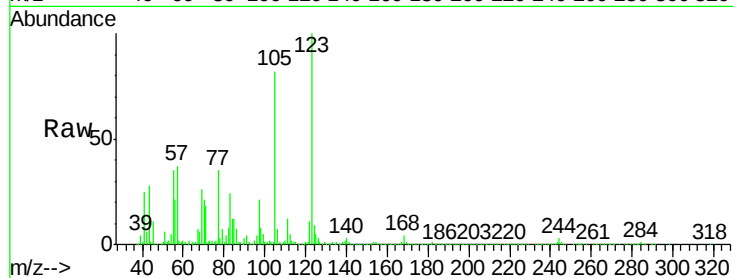
Acq: 8 Jan 2015 21:31

Instrument :

BNA_F

ClientSampleId :

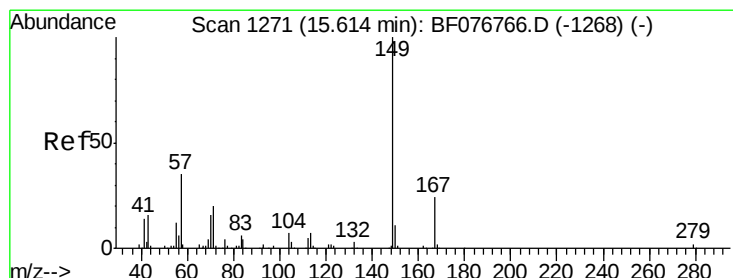
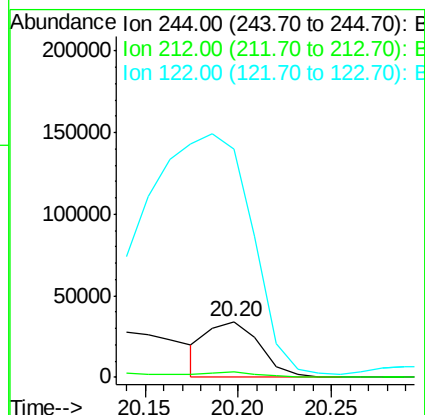
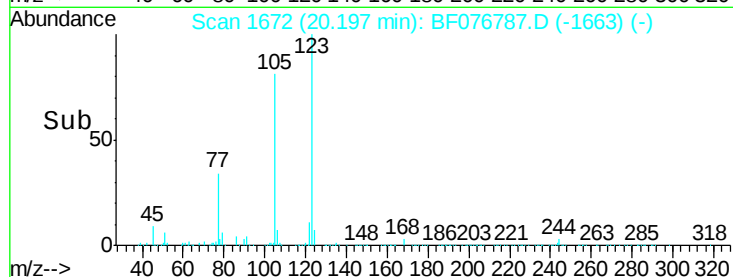
EFFWW



Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.2
122	409.3	8.2	12.2#

Manual Integrations
APPROVED

TEJASKUMAR
1/9/2015 5:25:22 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.79 ng

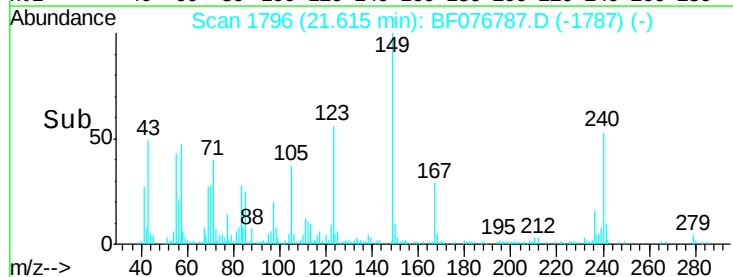
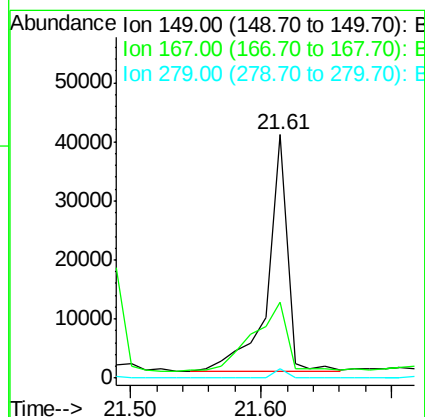
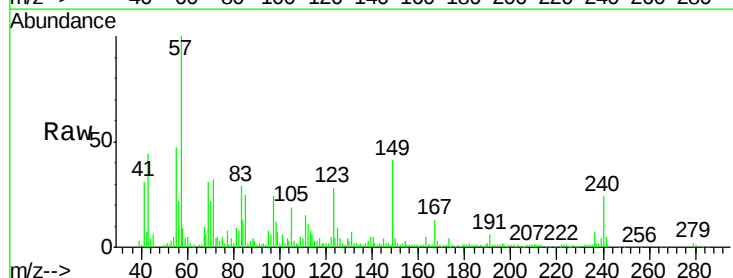
RT: 21.61 min Scan# 1796

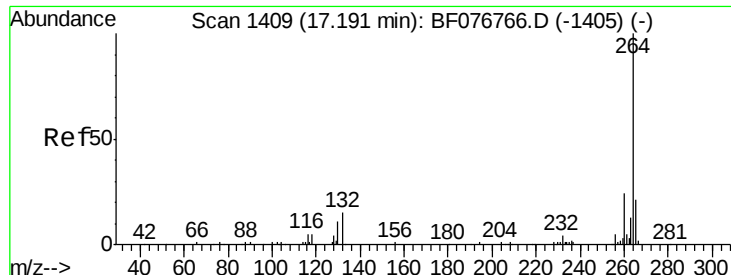
Delta R.T. 0.00 min

Lab File: BF076787.D

Acq: 8 Jan 2015 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	18.7	28.1#
279	3.7	1.5	2.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.11 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BF076787.D
Acq: 8 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	18.1	27.1

Manual Integrations
APPROVED

TEJASKUMAR
1/9/2015 5:25:22 PM

