

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089182.D
 Acq On : 9 Dec 2014 00:35
 Operator : TP/JJ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC002

Manual Integrations
 APPROVED

mohammad
 12/10/2014 4:30:35 PM

Quant Time: Dec 09 04:13:14 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 09 03:43:23 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	31205	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	119676	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	58237	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	84846	5.00	ng	0.00
22) Chrysene-d12	18.07	240	60493	5.00	ng	0.00
23) Perylene-d12	21.13	264	55353	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	18010	2.21	ng	0.00
3) Phenol-d6	6.56	99	22201	2.16	ng	0.00
14) 2,4,6-Tribromophenol	11.67	330	4024	1.70	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	18277	2.39	ng	90
5) Phenol	6.57	94	26868	2.38	ng	88
6) 2-Methylphenol	7.31	107	21696m	1.02	ng	
7) 3+4-Methylphenols	7.52	107	18520	0.71	ng	96
9) 2-Nitrophenol	8.06	139	9281	2.91	ng	# 92
10) 2,4-Dimethylphenol	8.15	122	15893	2.45	ng	97
11) 2,4-Dichlorophenol	8.37	162	13347	2.30	ng	95
12) 4-Chloro-3-methylphenol	9.25	107	14177	2.40	ng	95
15) 2,4,6-Trichlorophenol	9.75	196	8318	2.12	ng	96
16) 2,4,5-Trichlorophenol	9.81	196	9131	2.32	ng	# 77
17) 2,4-Dinitrophenol	10.78	184	2396	4.32	ng	# 79
18) 4-Nitrophenol	10.91	139	19270	6.70	ng	100
20) 4,6-Dinitro-2-methylphenol	11.45	198	3525	3.68	ng	84
21) Pentachlorophenol	12.44	266	2878	1.61	ng	98

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

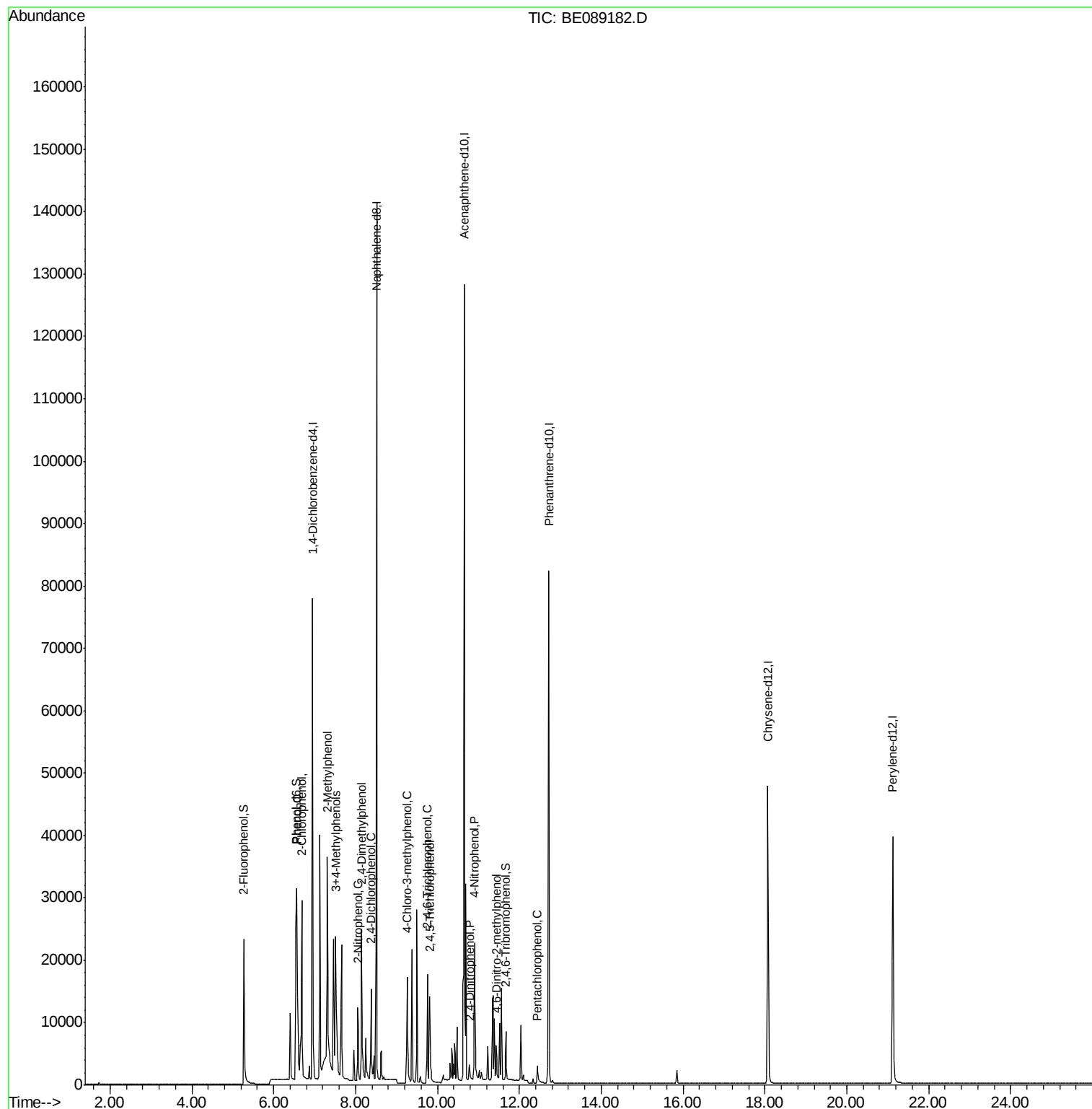
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
Data File : BE089182.D
Acq On : 9 Dec 2014 00:35
Operator : TP/JJ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

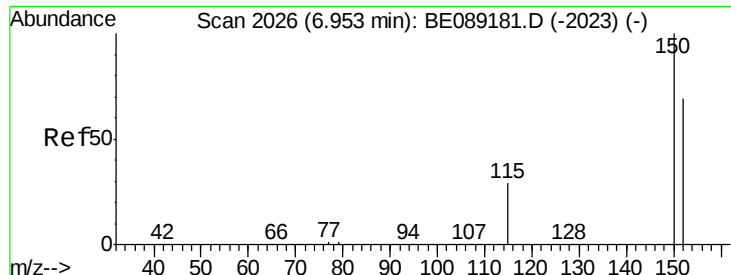
Instrument :
BNA_E
LabSampleId :
SSTDICC002

Manual Integrations
APPROVED

mohammad
12/10/2014 4:30:35 PM

Quant Time: Dec 09 04:13:14 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 09 03:43:23 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE089182.D

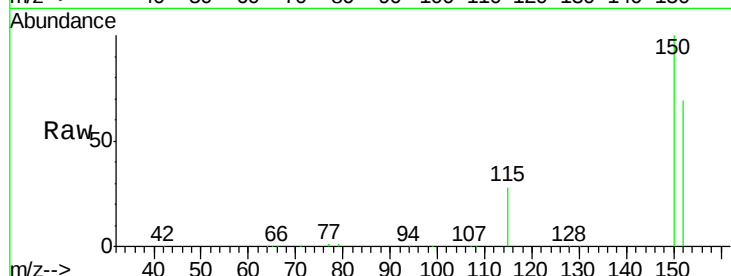
Acq: 9 Dec 2014 00:35

Instrument :

BNA_E

LabSampleId :

SSTDICC002



Tgt Ion:152 Resp: 31205

Ion Ratio Lower Upper

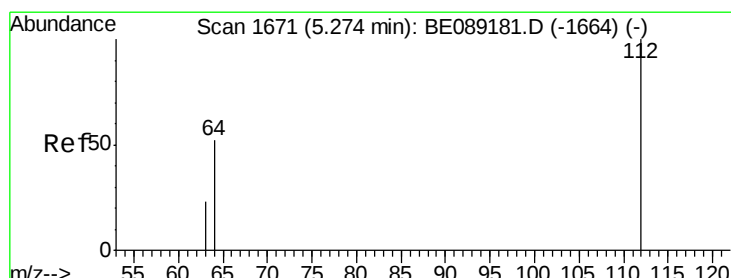
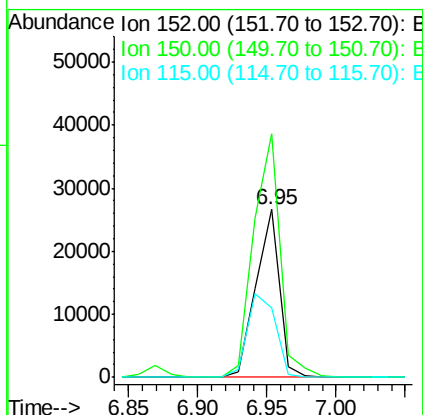
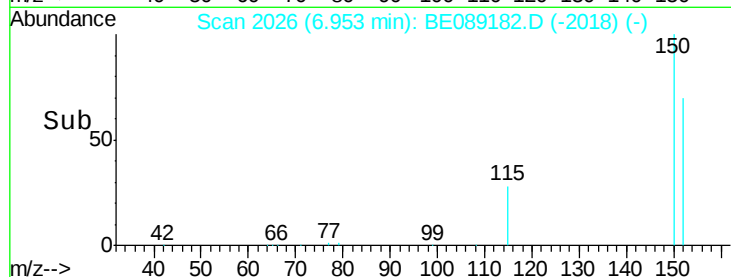
152 100

150 145.1 115.4 173.2

115 41.1 33.3 49.9

Manual Integrations
APPROVED

mohammad
12/10/2014 4:30:35 PM



#2

2-Fluorophenol

Concen: 2.21 ng

RT: 5.27 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BE089182.D

Acq: 9 Dec 2014 00:35

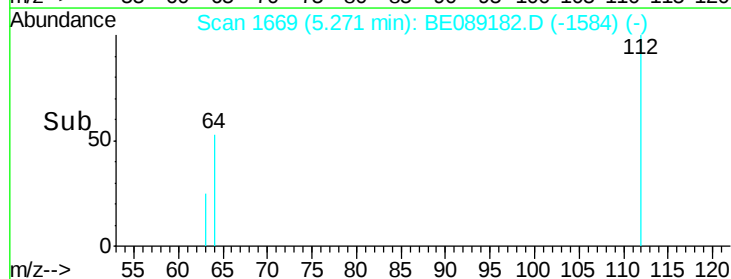
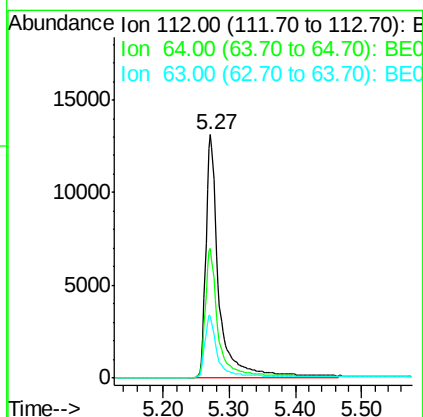
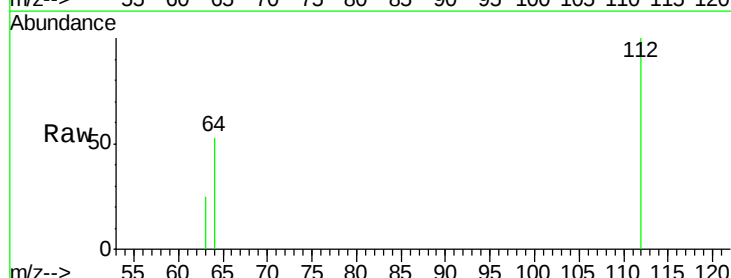
Tgt Ion:112 Resp: 18010

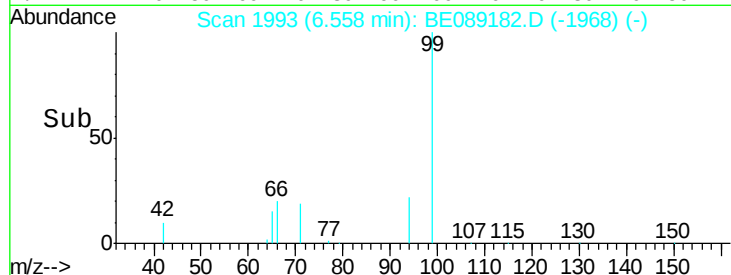
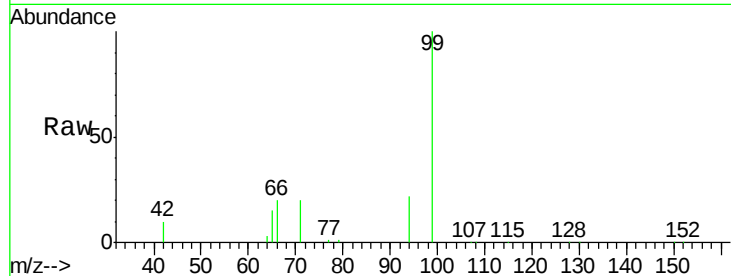
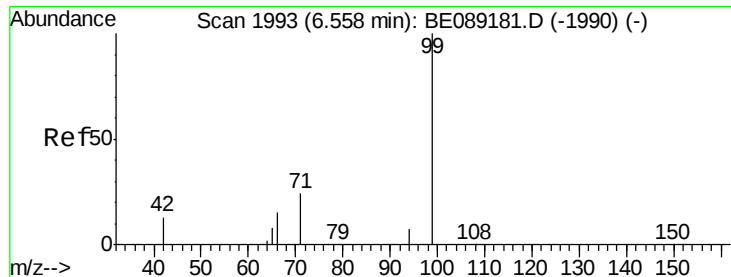
Ion Ratio Lower Upper

112 100

64 53.1 42.3 63.5

63 25.2 20.0 30.0





#3

Phenol-d6

Concen: 2.16 ng

RT: 6.56 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE089182.D

Acq: 9 Dec 2014 00:35

Instrument :

BNA_E

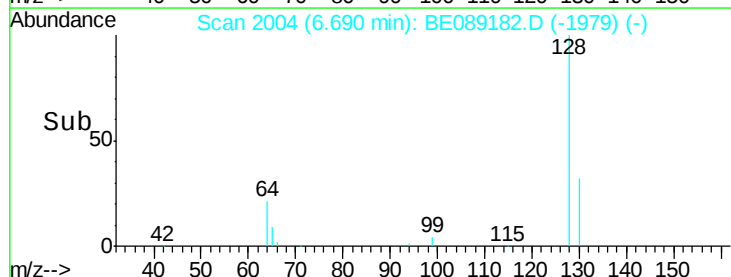
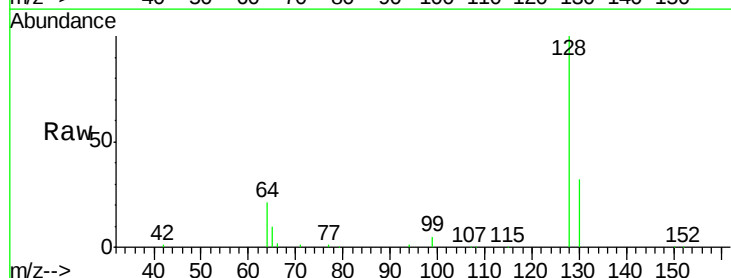
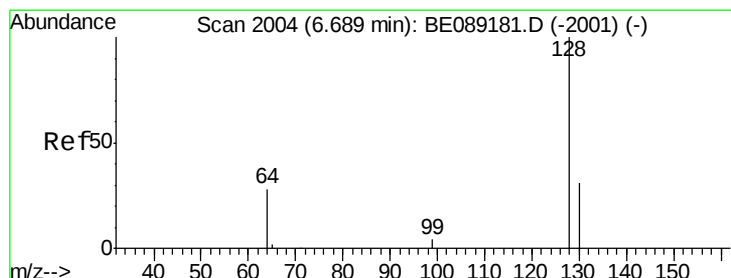
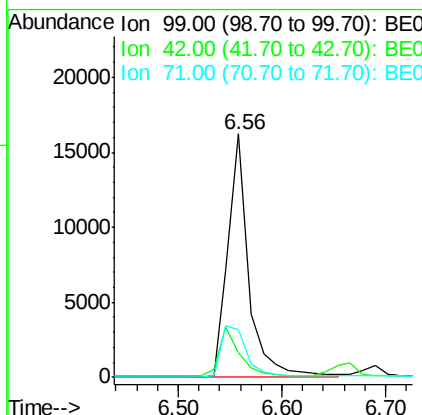
LabSampleId :

SSTDICC002

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	22201		
42	10.1		11.2	16.8#
71	19.8		19.3	28.9

Manual Integrations
APPROVED

mohammad
12/10/2014 4:30:35 PM



#4

2-Chlorophenol

Concen: 2.39 ng

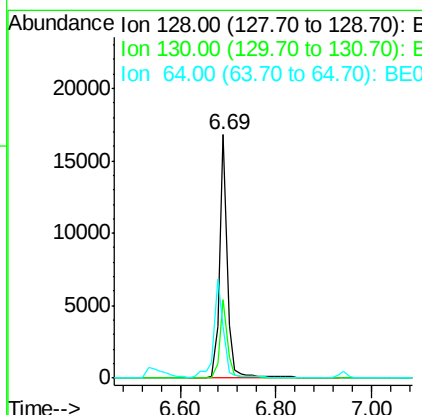
RT: 6.69 min Scan# 2004

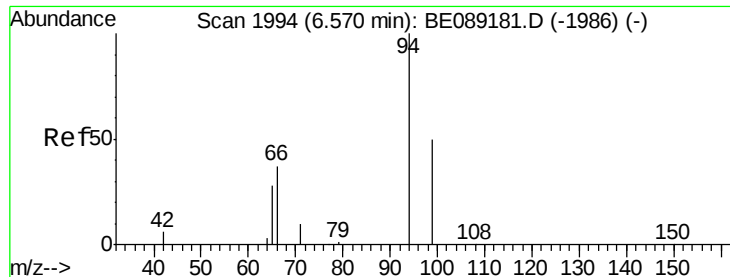
Delta R.T. 0.00 min

Lab File: BE089182.D

Acq: 9 Dec 2014 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	18277		
130	32.4		11.2	51.2
64	21.4		10.6	50.6





#5

Phenol

Concen: 2.38 ng

RT: 6.57 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE089182.D

Acq: 9 Dec 2014 00:35

Instrument :

BNA_E

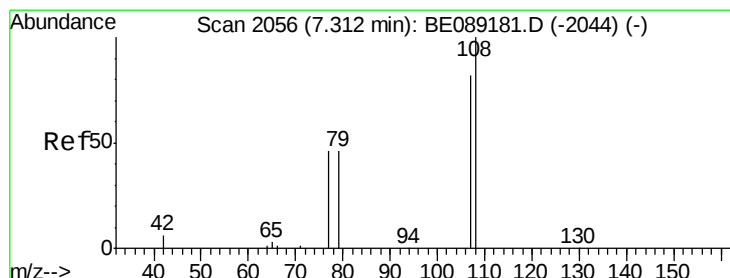
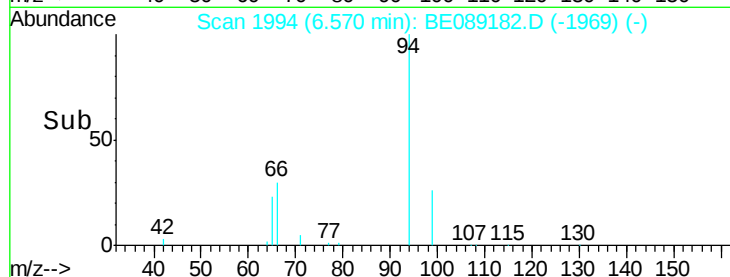
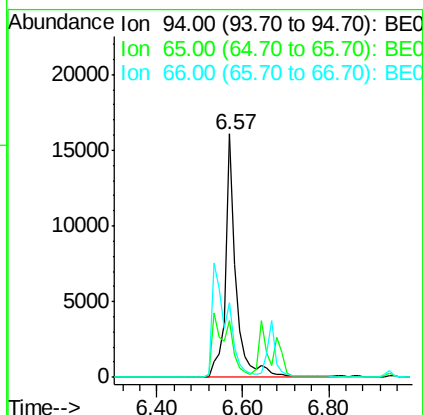
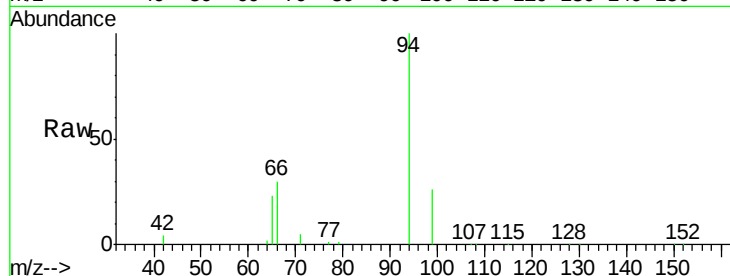
LabSampleId :

SSTDICC002

Tgt Ion:	94	Resp:	26868
Ion	Ratio	Lower	Upper
94	100		
65	23.2	9.0	49.0
66	30.5	17.7	57.7

Manual Integrations
APPROVED

mohammad
12/10/2014 4:30:35 PM



#6

2-Methylphenol

Concen: 1.02 ng m

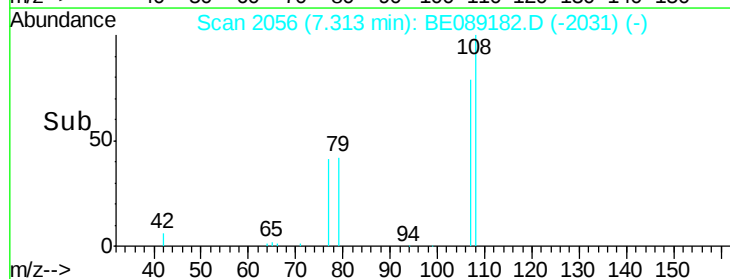
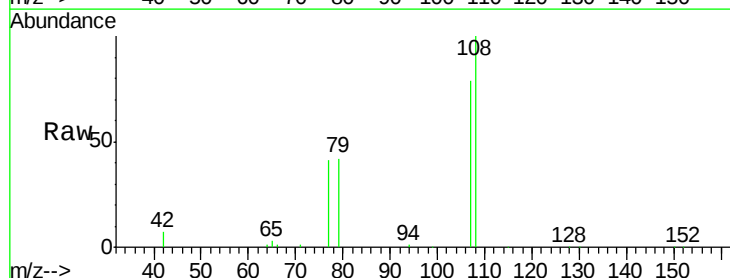
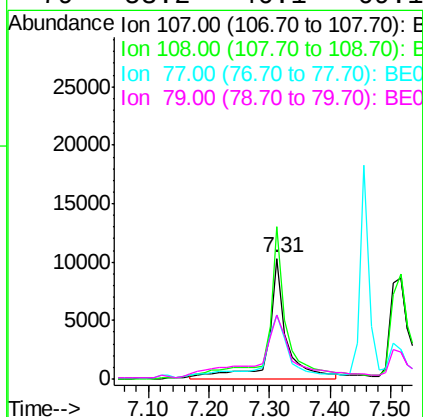
RT: 7.31 min Scan# 2056

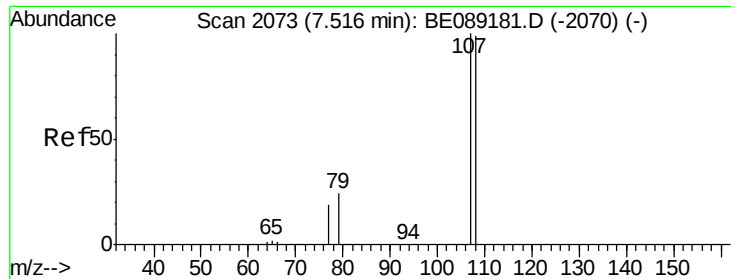
Delta R.T. 0.00 min

Lab File: BE089182.D

Acq: 9 Dec 2014 00:35

Tgt Ion:	107	Resp:	21696
Ion	Ratio	Lower	Upper
107	100		
108	126.5	97.6	146.4
77	52.4	45.8	68.6
79	53.2	46.1	69.1





#7

3+4-Methylphenols

Concen: 0.71 ng

RT: 7.52 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE089182.D

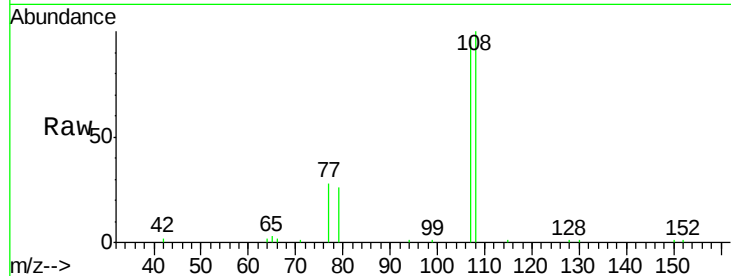
Acq: 9 Dec 2014 00:35

Instrument :

BNA_E

LabSampleId :

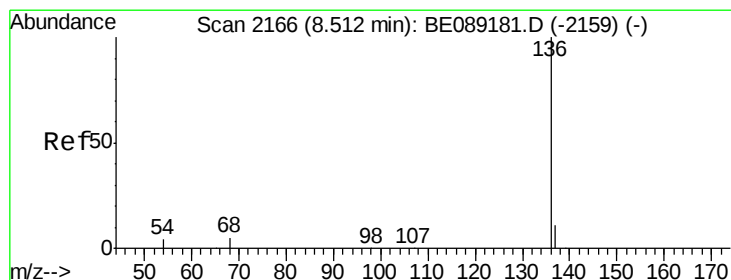
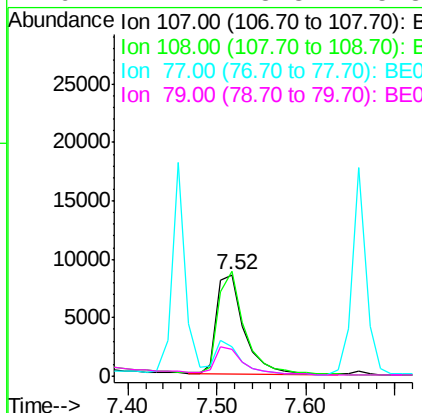
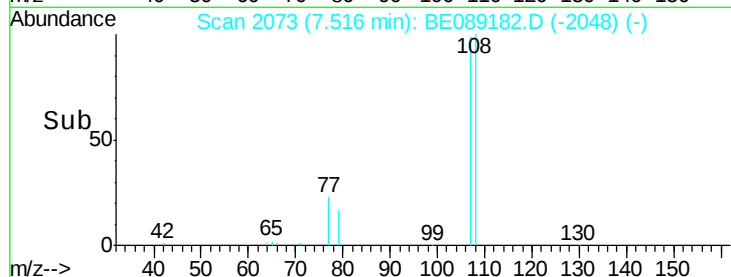
SSTDICC002



Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.4	80.4	120.4
77	29.0	12.4	52.4
79	27.1	8.3	48.3

Manual Integrations
APPROVED

mohammad
12/10/2014 4:30:35 PM



#8

Naphthalene-d8

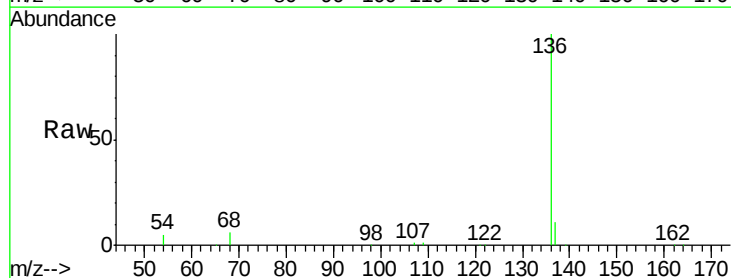
Concen: 5.00 ng

RT: 8.51 min Scan# 2166

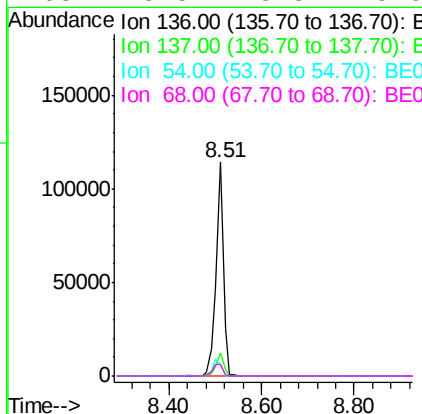
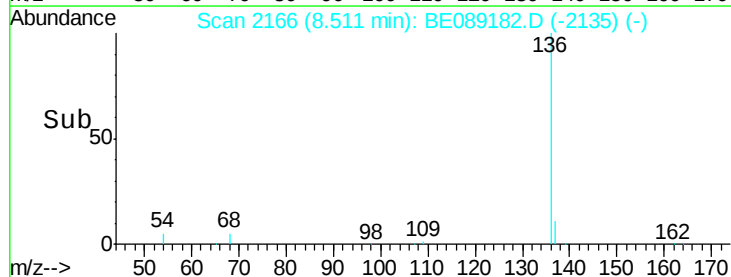
Delta R.T. -0.00 min

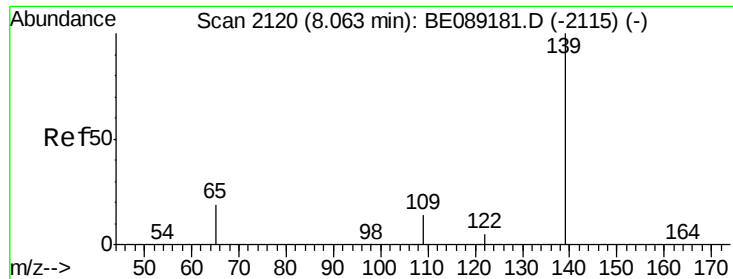
Lab File: BE089182.D

Acq: 9 Dec 2014 00:35



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.3	3.4	5.2#
68	5.5	3.8	5.6





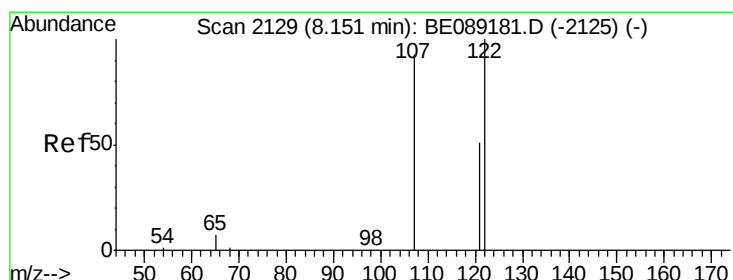
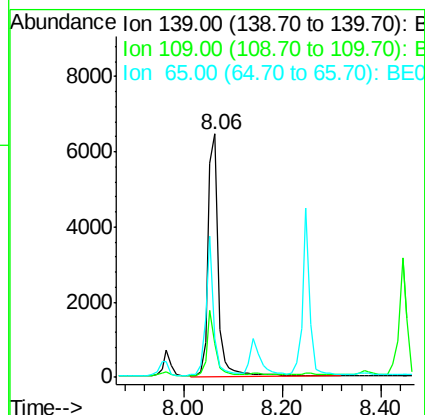
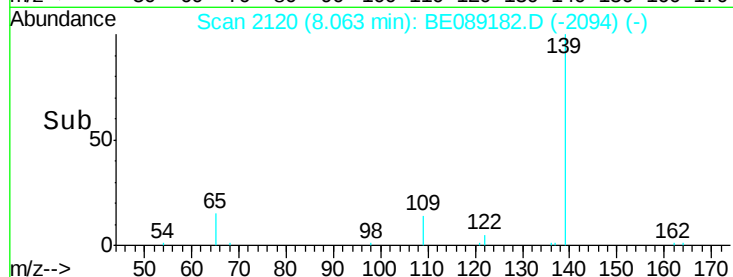
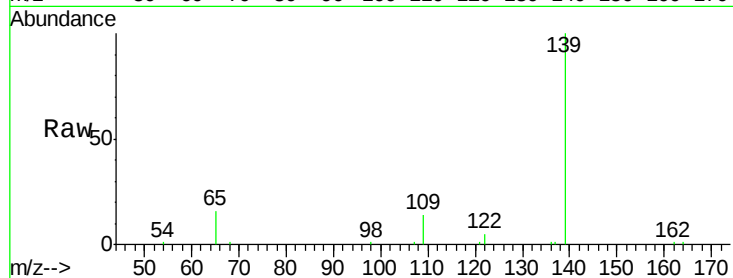
#9
2-Nitrophenol
Concen: 2.91 ng
RT: 8.06 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	9281		
109	13.6	13.0	19.4	
65	15.8	16.4	24.6	

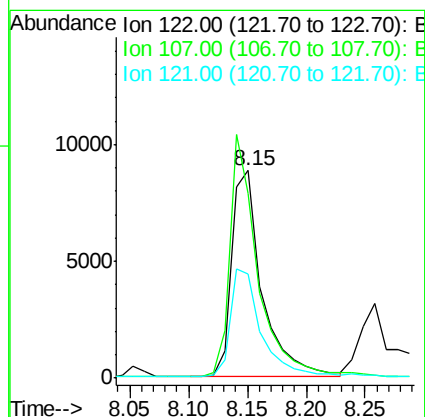
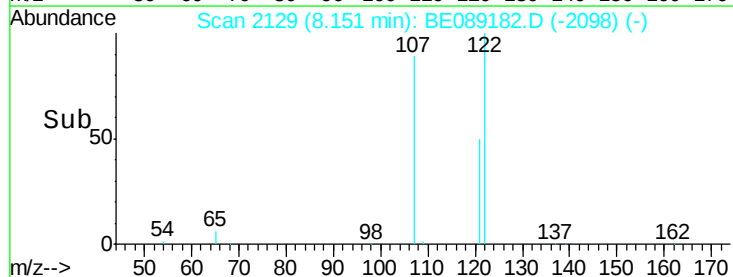
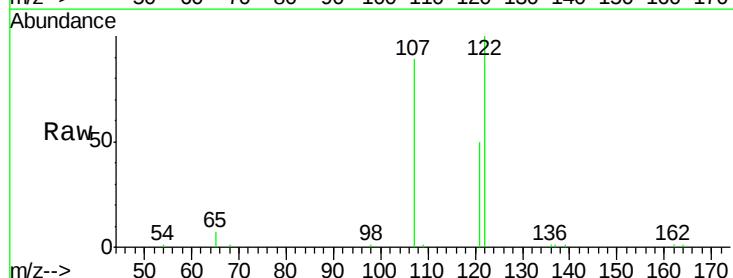
Manual Integrations
APPROVED

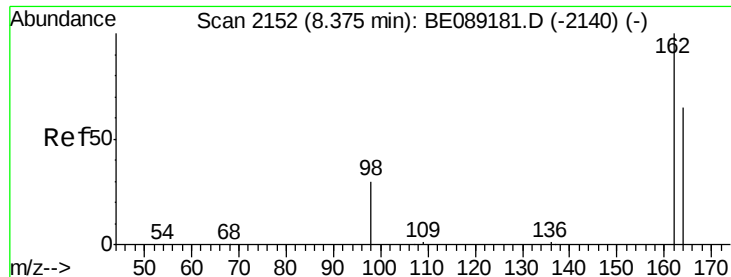
mohammad
12/10/2014 4:30:35 PM



#10
2,4-Dimethylphenol
Concen: 2.45 ng
RT: 8.15 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15893		
107	89.1	74.3	111.5	
121	50.3	41.5	62.3	





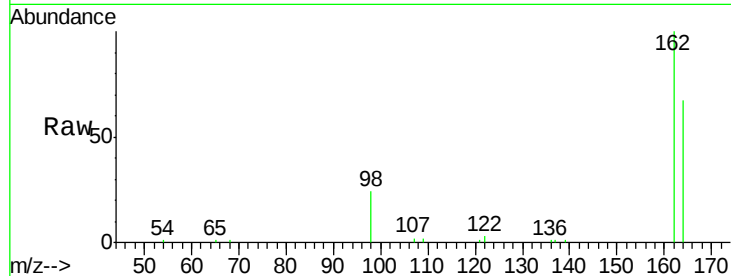
#11
 2,4-Dichlorophenol
 Concen: 2.30 ng
 RT: 8.37 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE089182.D
 Acq: 9 Dec 2014 00:35

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC002

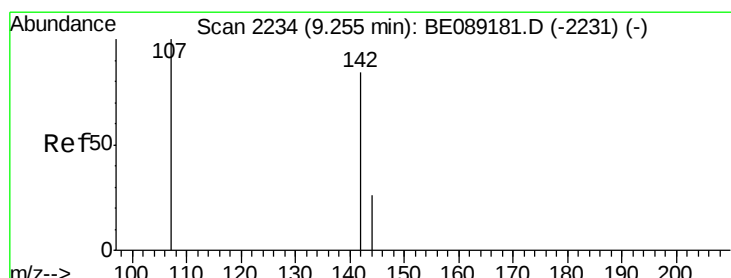
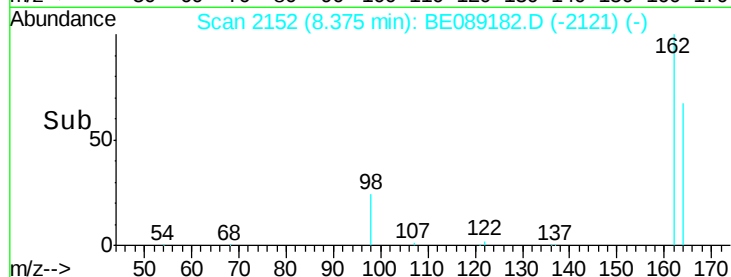
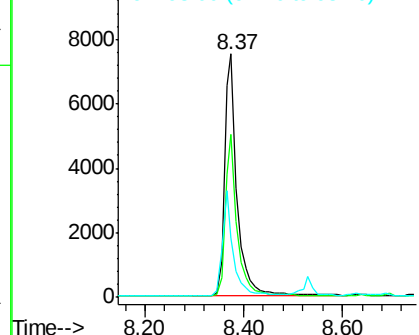
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	45.3	85.3
98	24.1	10.9	50.9

Manual Integrations
 APPROVED

mohammad
 12/10/2014 4:30:35 PM

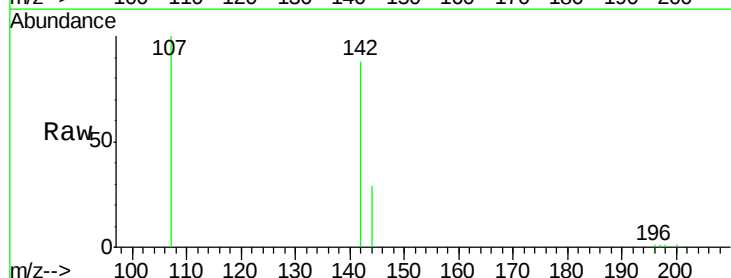


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

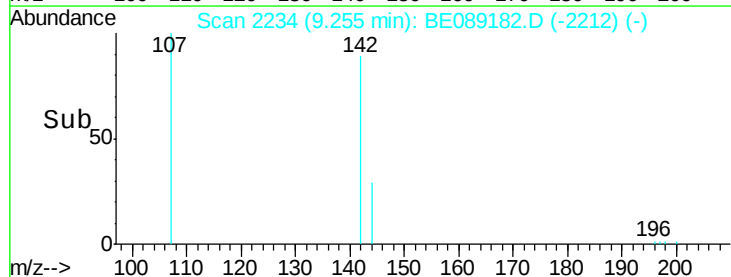
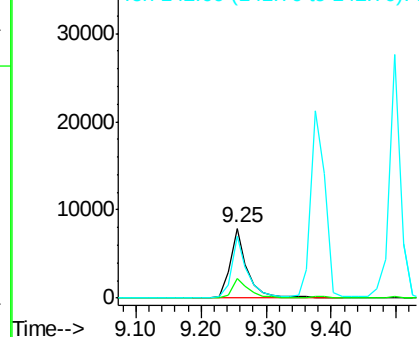


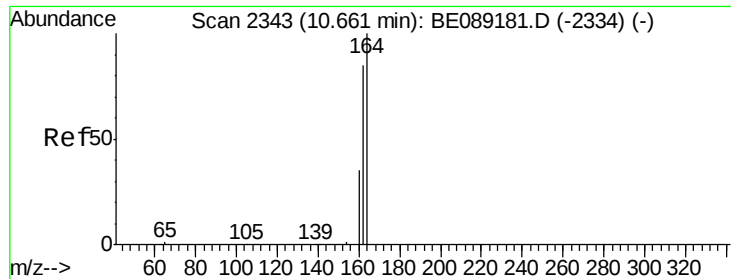
#12
 4-Chloro-3-methylphenol
 Concen: 2.40 ng
 RT: 9.25 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BE089182.D
 Acq: 9 Dec 2014 00:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	21.3	31.9
142	88.4	66.7	100.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





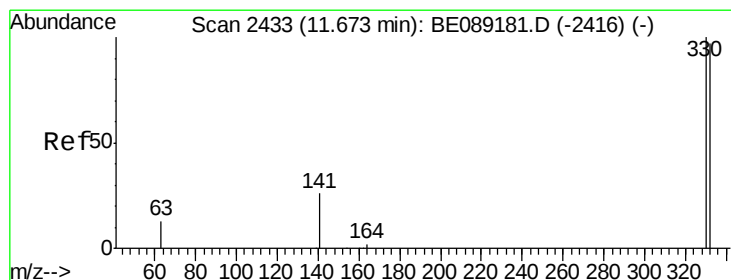
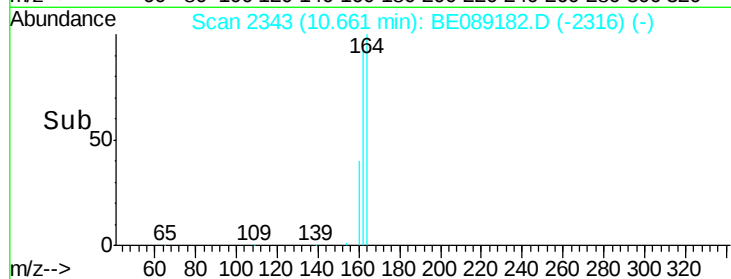
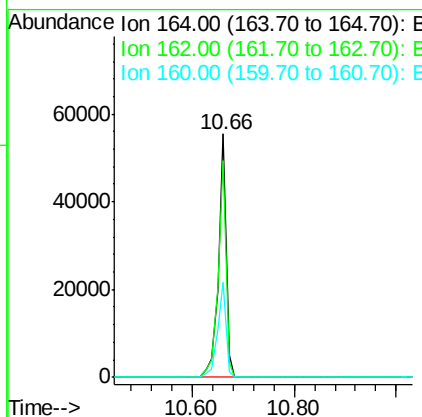
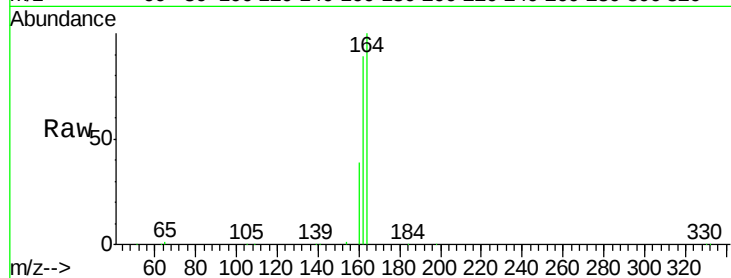
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Instrument :
BNA_E
LabSampleId :
SSTDIC002

Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.0	68.0	102.0
160	39.0	28.2	42.2

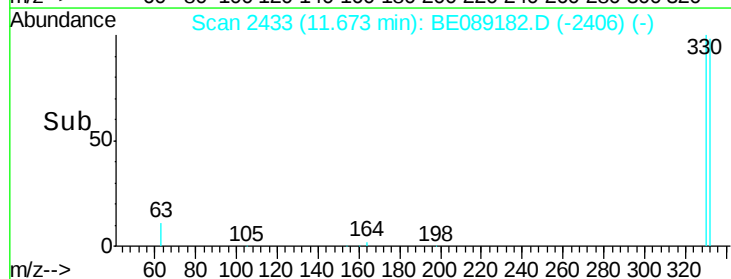
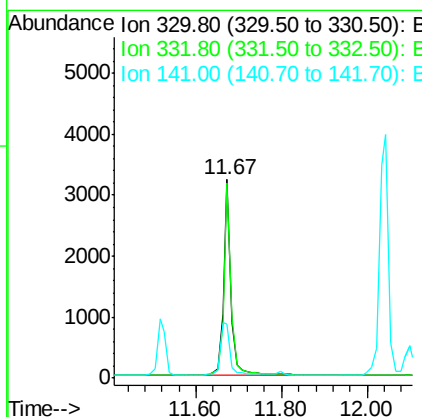
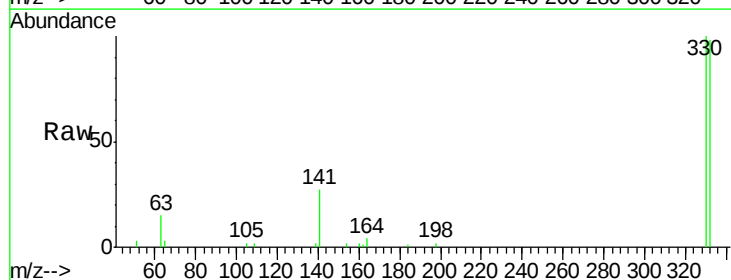
Manual Integrations
APPROVED

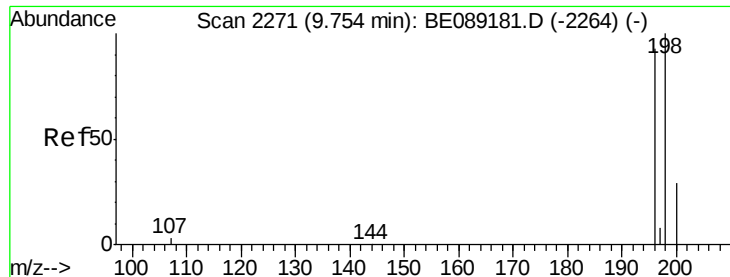
mohammad
12/10/2014 4:30:35 PM



#14
2,4,6-Tribromophenol
Concen: 1.70 ng
RT: 11.67 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

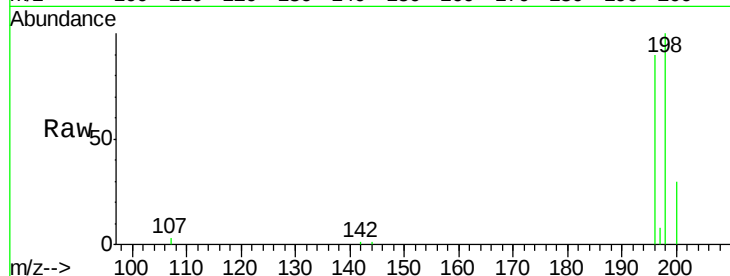
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	35.2	28.4	42.6





#15
 2,4,6-Trichlorophenol
 Concen: 2.12 ng
 RT: 9.75 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BE089182.D
 Acq: 9 Dec 2014 00:35

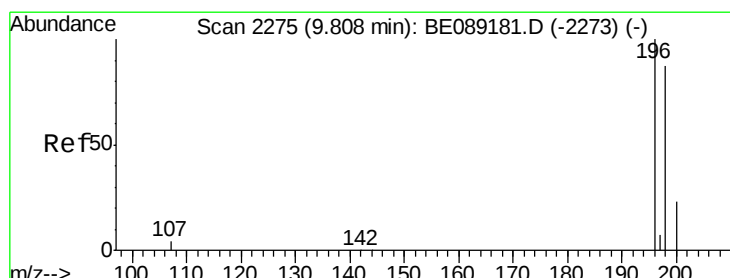
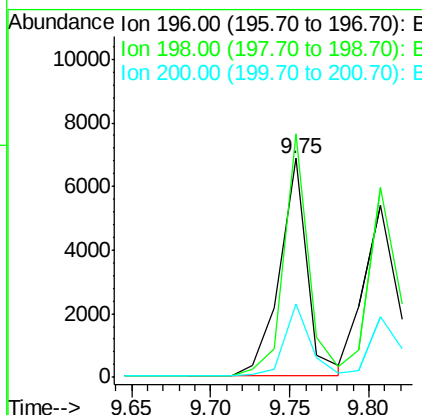
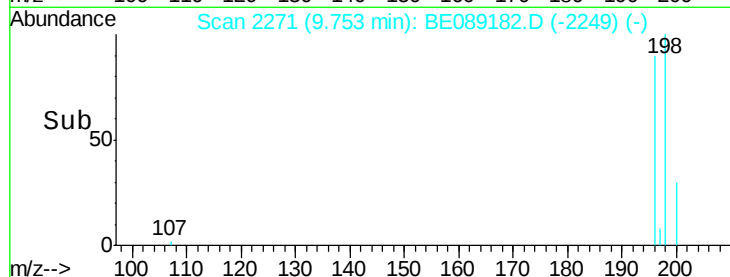
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC002



Tgt Ion:196 Resp: 8318
 Ion Ratio Lower Upper
 196 100
 198 111.1 85.6 128.4
 200 33.3 25.4 38.2

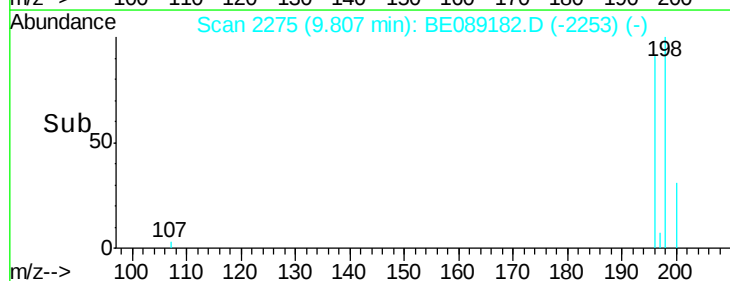
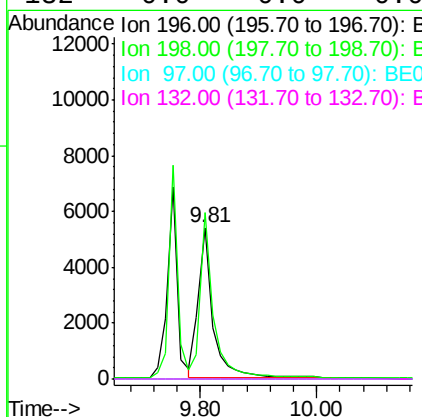
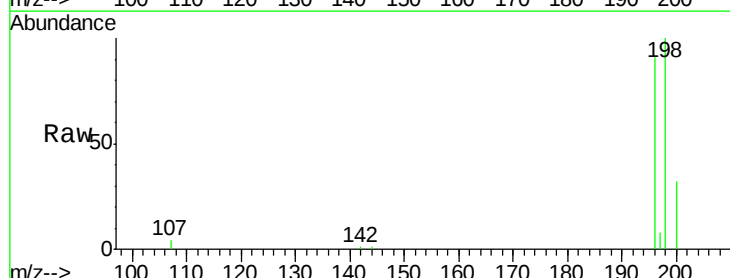
Manual Integrations
 APPROVED

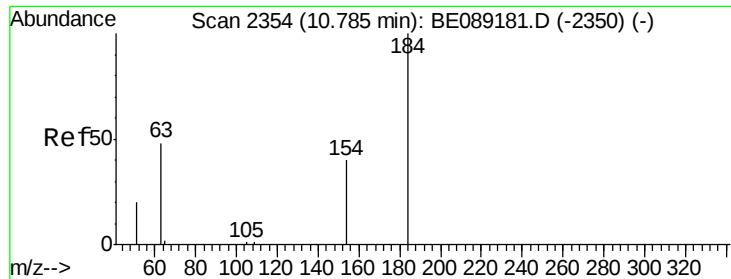
mohammad
 12/10/2014 4:30:35 PM



#16
 2,4,5-Trichlorophenol
 Concen: 2.32 ng
 RT: 9.81 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE089182.D
 Acq: 9 Dec 2014 00:35

Tgt Ion:196 Resp: 9131
 Ion Ratio Lower Upper
 196 100
 198 110.3 70.8 106.2#
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0





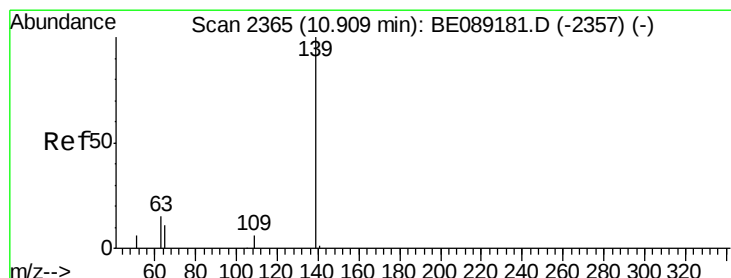
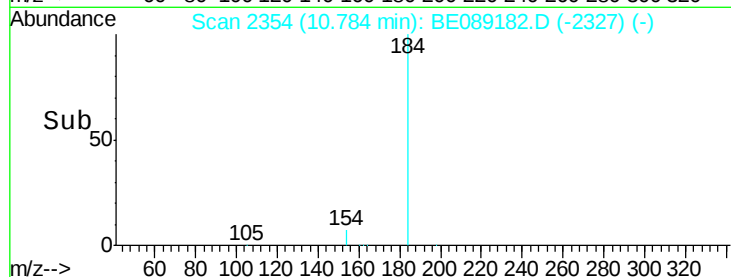
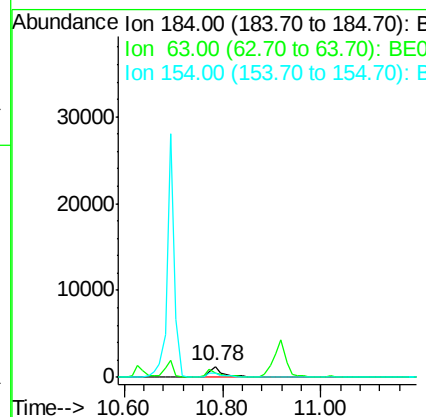
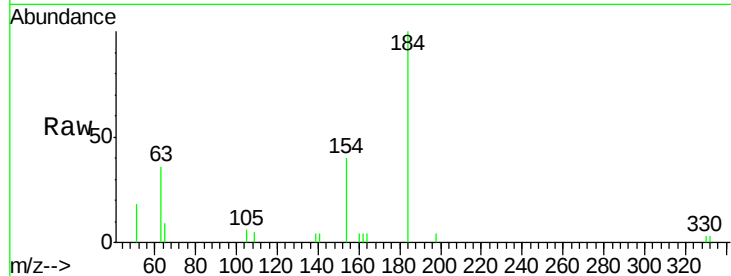
#17
2,4-Dinitrophenol
Concen: 4.32 ng
RT: 10.78 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	2396		
63	36.3	45.2	67.8#	
154	39.8	39.5	59.3	

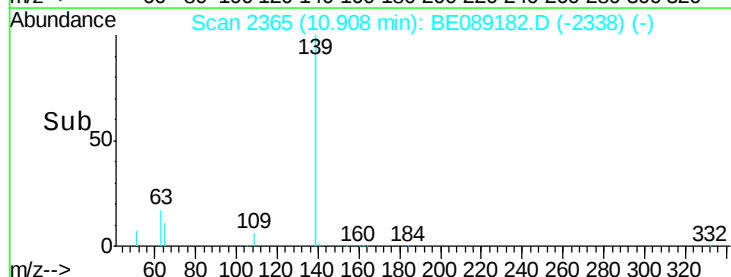
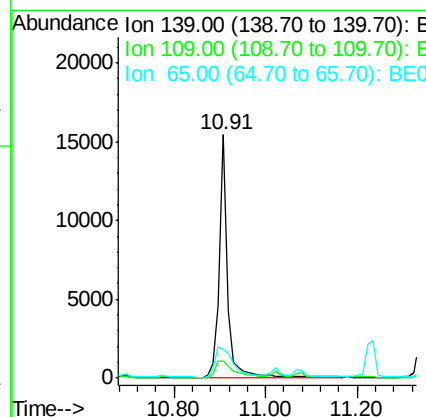
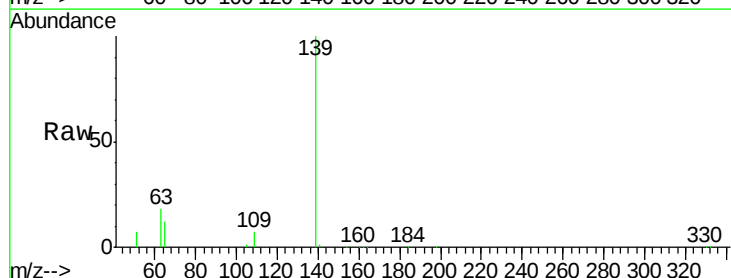
Manual Integrations
APPROVED

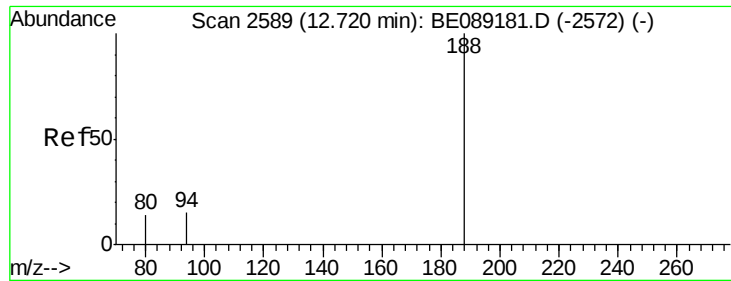
mohammad
12/10/2014 4:30:35 PM



#18
4-Nitrophenol
Concen: 6.70 ng
RT: 10.91 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	19270		
109	6.8	0.0	26.6	
65	11.9	0.0	31.7	





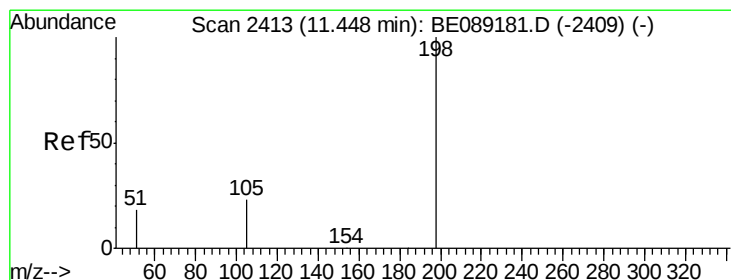
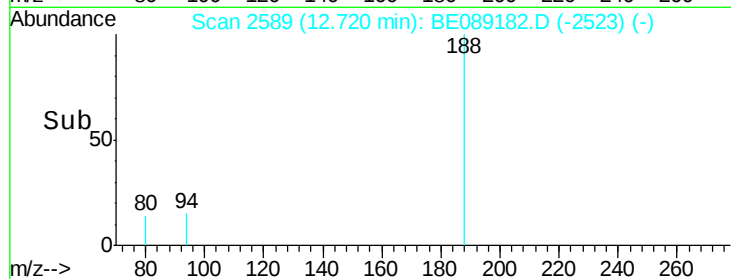
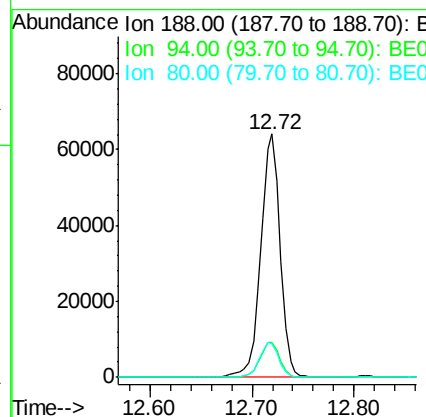
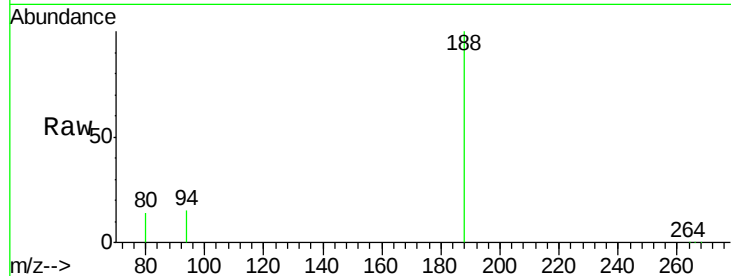
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Instrument :
BNA_E
LabSampleId :
SSTDIC002

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.6	11.7	17.5
80	13.7	11.0	16.4

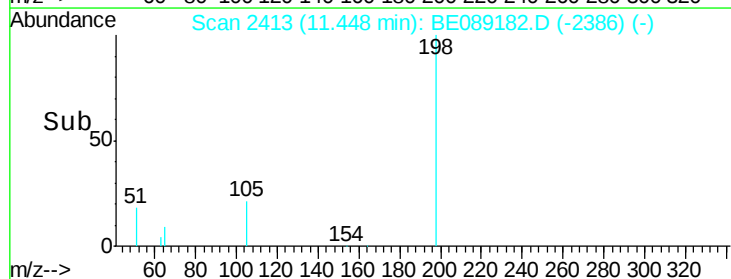
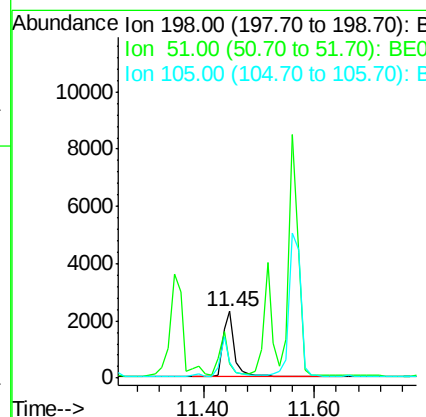
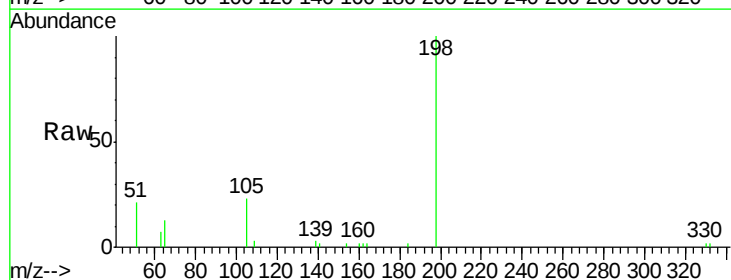
Manual Integrations
APPROVED

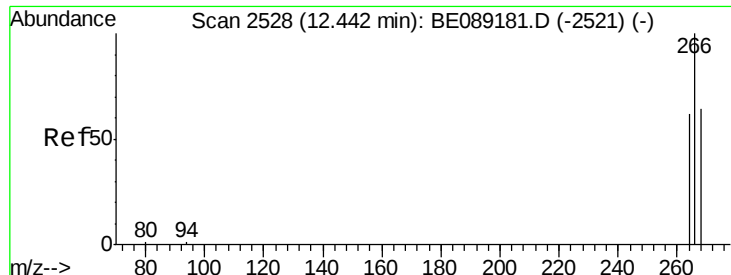
mohammad
12/10/2014 4:30:35 PM



#20
4,6-Dinitro-2-methylphenol
Concen: 3.68 ng
RT: 11.45 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BE089182.D
Acq: 9 Dec 2014 00:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	20.9	10.8	50.8
105	23.0	10.4	50.4





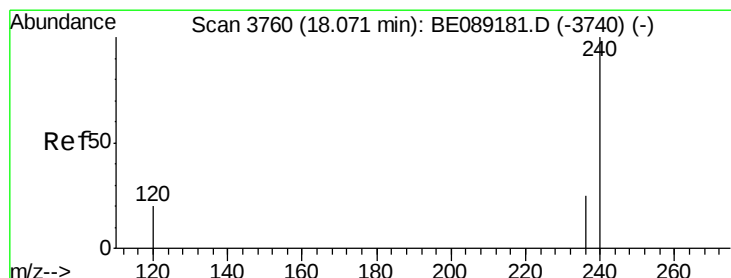
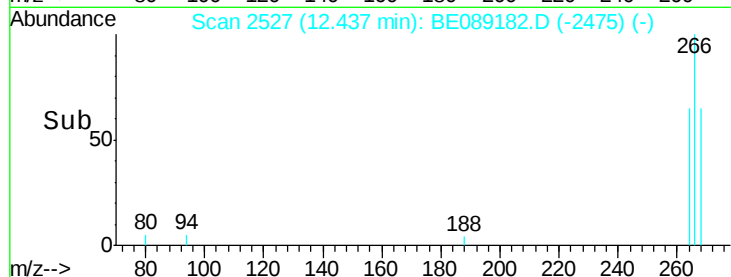
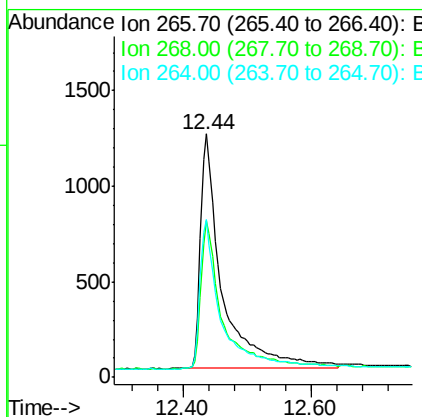
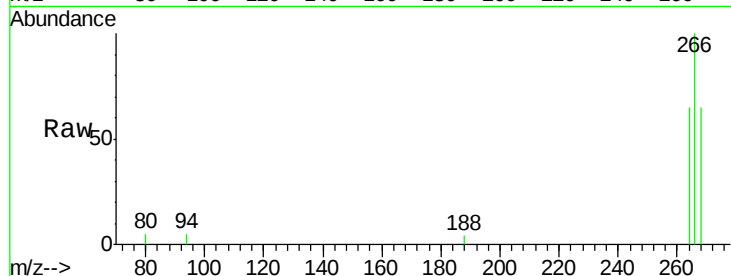
#21
 Pentachlorophenol
 Concen: 1.61 ng
 RT: 12.44 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BE089182.D
 Acq: 9 Dec 2014 00:35

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC002

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	2878		
268	64.5	53.9	80.9	
264	64.8	52.6	78.8	

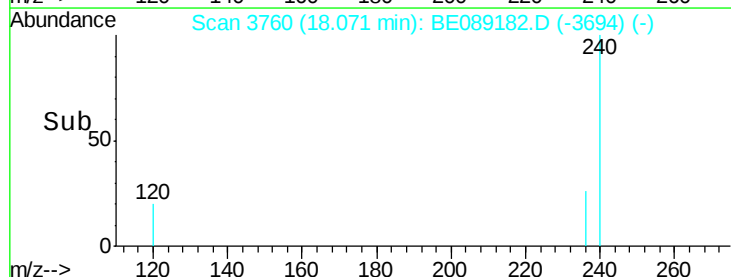
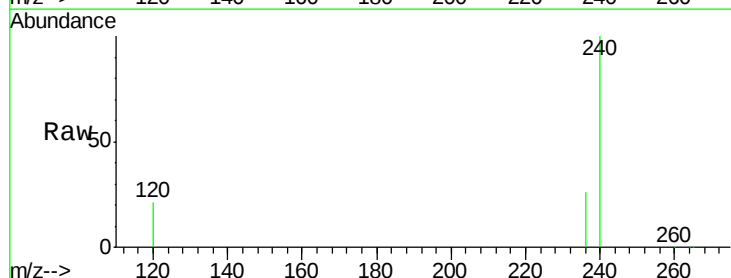
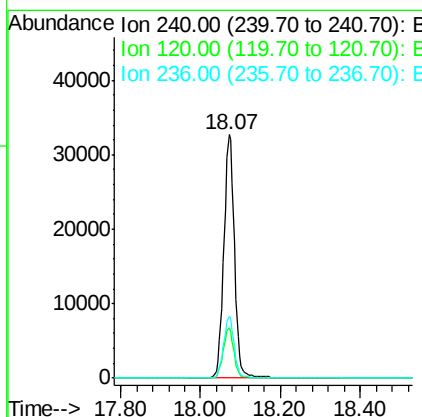
Manual Integrations
 APPROVED

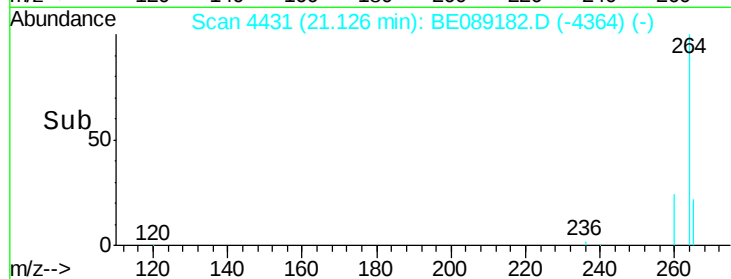
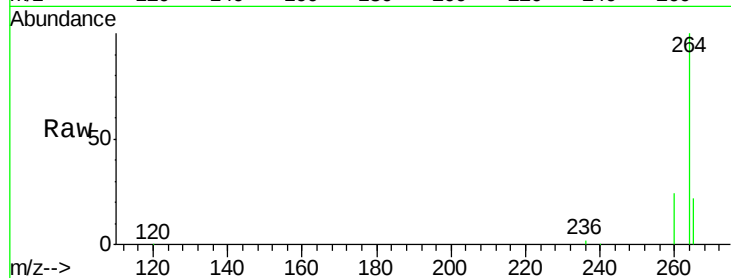
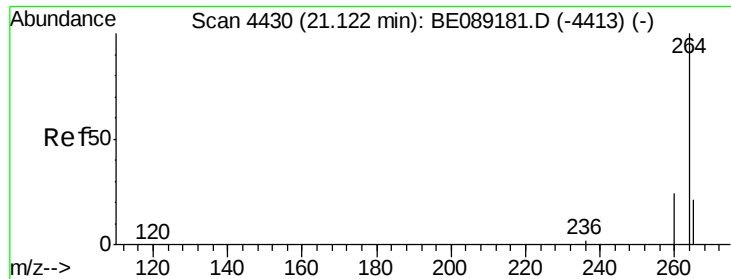
mohammad
 12/10/2014 4:30:35 PM



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.07 min Scan# 3760
 Delta R.T. -0.00 min
 Lab File: BE089182.D
 Acq: 9 Dec 2014 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	60493		
120	20.6	15.8	23.8	
236	25.6	20.2	30.4	





#23

Perylene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 4431

Delta R.T. 0.00 min

Lab File: BE089182.D

Acq: 9 Dec 2014 00:35

Instrument :

BNA_E

LabSampleId :

SSTDIC002

Tgt Ion: 264 Resp: 55353

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.8 17.2 25.8

Manual Integrations

APPROVED

mohammad

12/10/2014 4:30:35 PM

