

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093548.D
 Acq On : 11 Mar 2017 3:33
 Operator : SJ/MA
 Sample : I2198-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:29:16 PM

Quant Time: Mar 11 05:00:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	186744m	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	749217	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	350884	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	623781	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	479897	20.00	ng	-0.02
86) Perylene-d12	15.31	264	352252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	663256	59.11	ng	0.00
7) Phenol-d6	6.41	99	560356	39.60	ng	0.00
23) Nitrobenzene-d5	7.32	82	1211290	89.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	327786	143.38	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1662518	88.13	ng	-0.03
78) Terphenyl-d14	12.85	244	1475189	79.92	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.50	163	53088	2.28	ng	Qvalue # 96

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

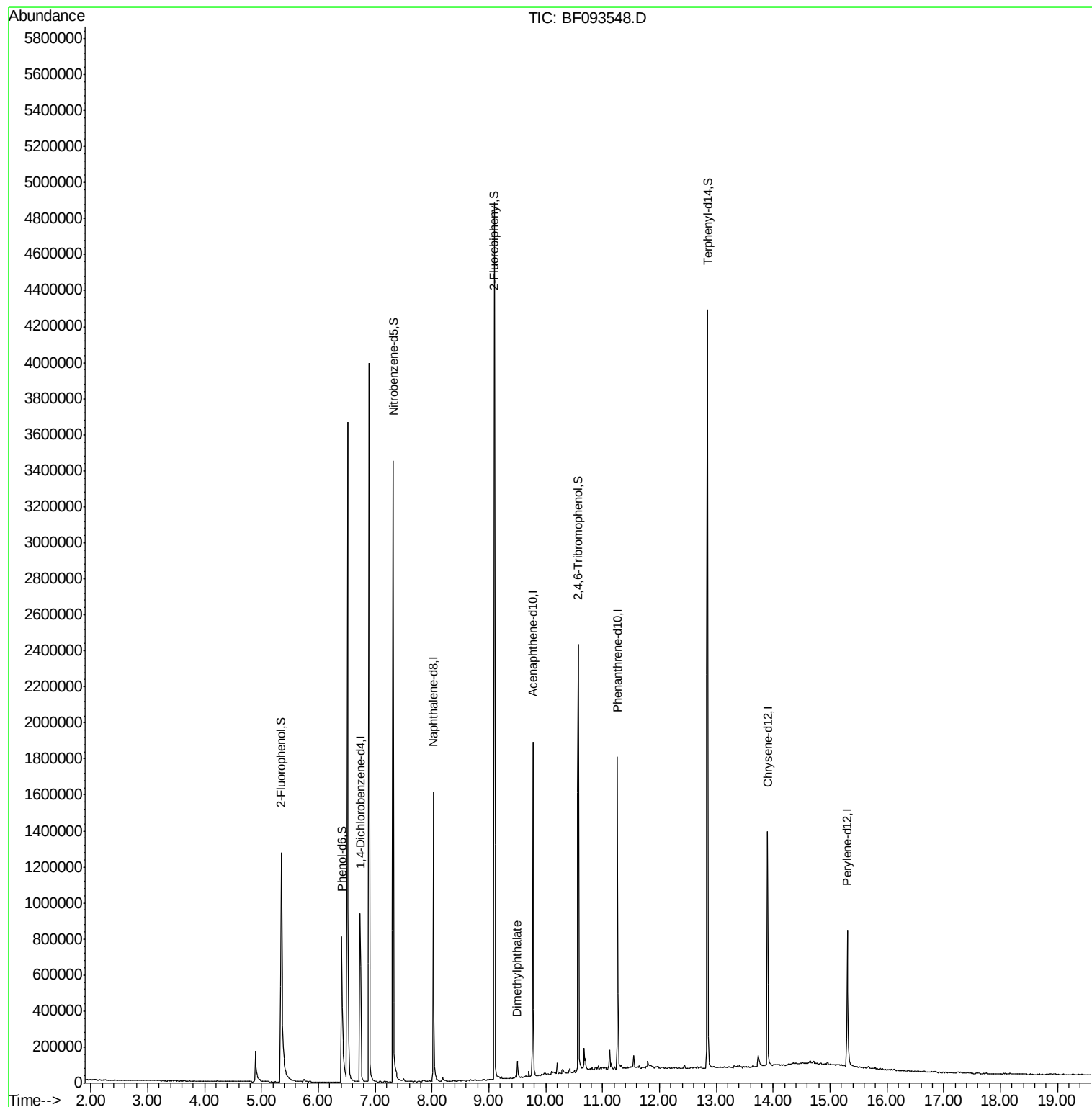
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093548.D
Acq On : 11 Mar 2017 3:33
Operator : SJ/MA
Sample : I2198-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

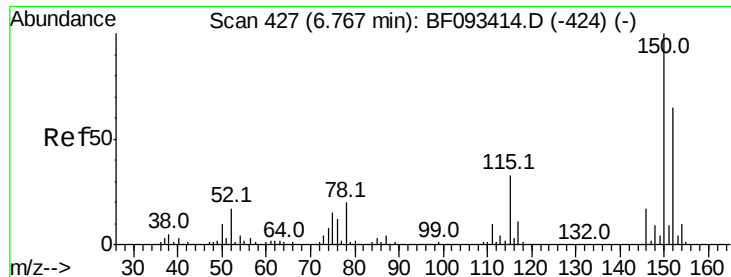
Instrument :
BNA_F
ClientSampleId :
P-4

Manual Integrations
APPROVED

mohammad
3/13/2017 5:29:16 PM

Quant Time: Mar 11 05:00:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.73 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

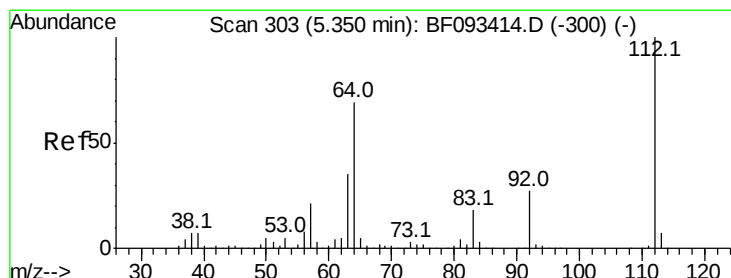
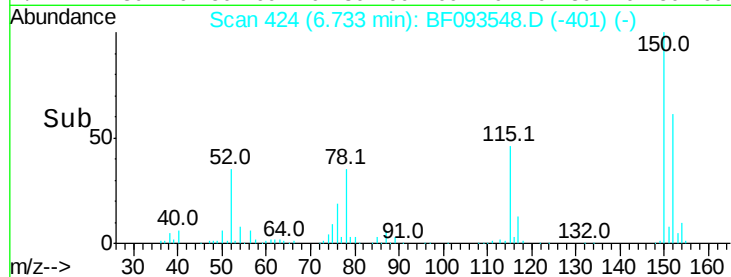
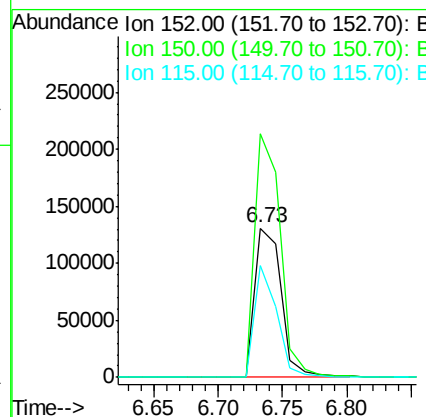
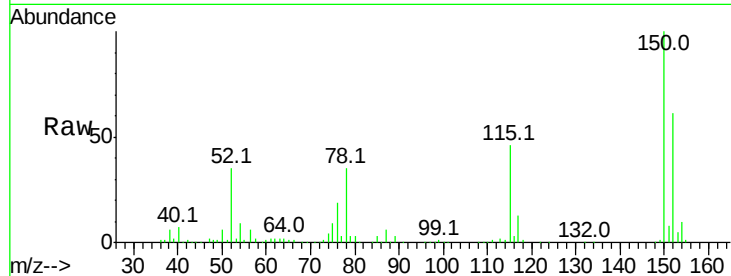
ClientSampleId :

P-4

Tot Ion:	152	Resp:	186744
Ion Ratio	Lower	Upper	
152	100		
150	163.0	124.9	187.3
115	74.9	46.0	69.0

Manual Integrations
APPROVED

mohammad
3/13/2017 5:29:16 PM



#5

2-Fluorophenol

Concen: 59.11 ng/mL

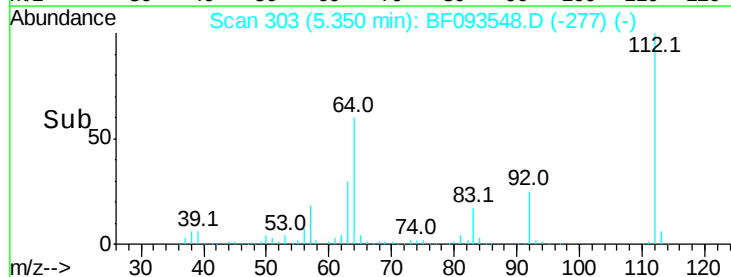
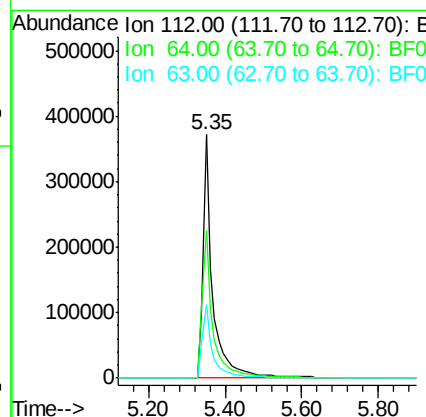
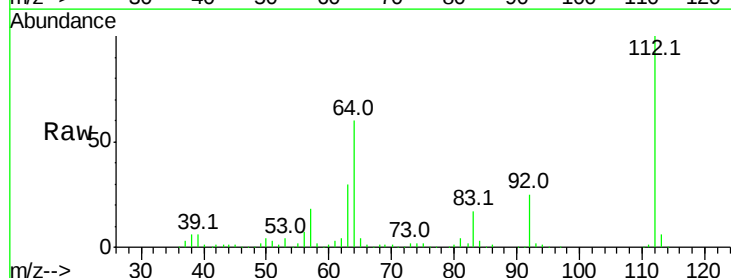
RT: 5.35 min Scan# 303

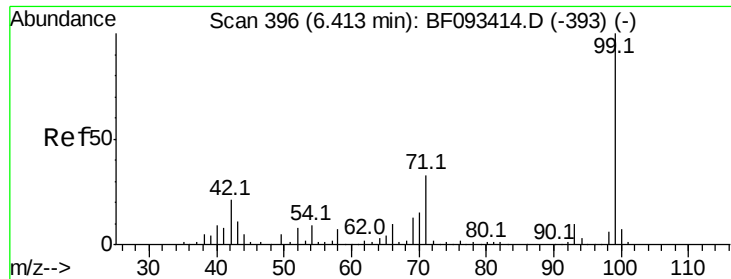
Delta R.T. -0.00 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Tgt Ion:	112	Resp:	663256
Ion Ratio	Lower	Upper	
112	100		
64	60.4	46.1	69.1
63	30.3	23.8	35.6





#7

Phenol-d6

Concen: 39.60 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

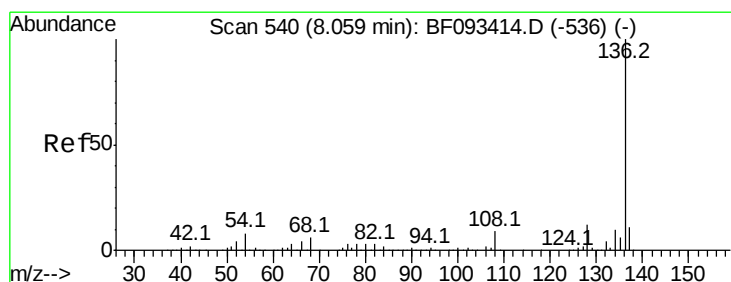
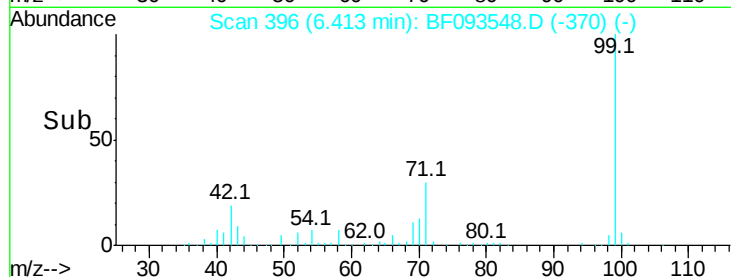
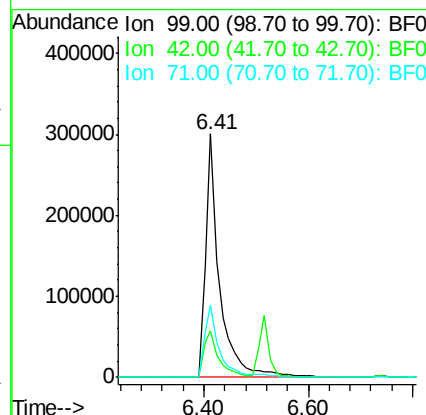
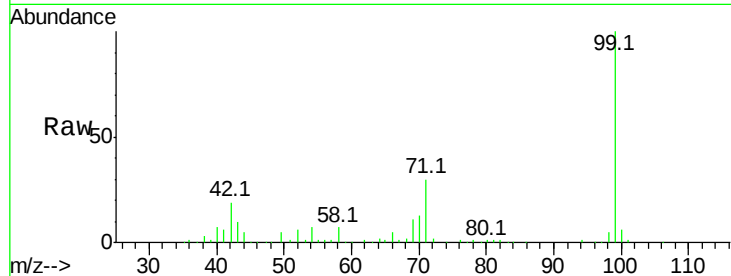
ClientSampleId :

P-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		560356		
42	18.9	15.6	23.4		
71	29.6	27.5	41.3		

Manual Integrations
APPROVED

mohammad
3/13/2017 5:29:16 PM



#21

Naphthalene-d8

Concen: 20.00 ng

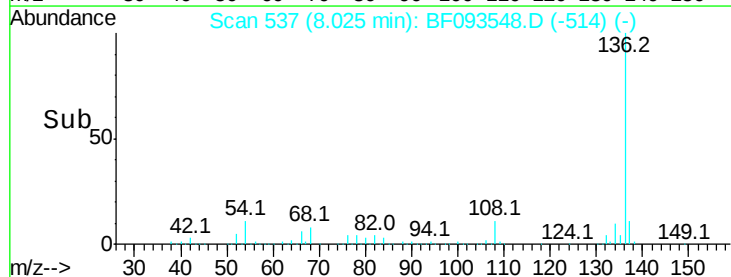
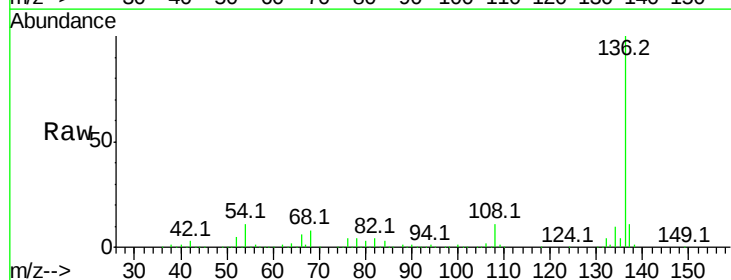
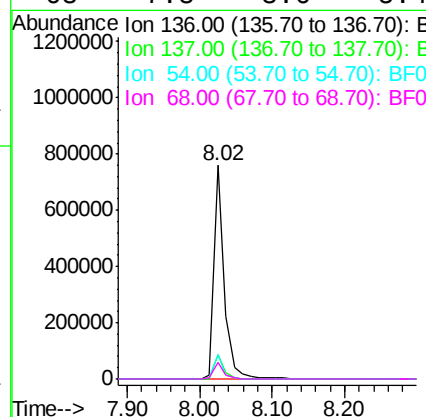
RT: 8.02 min Scan# 537

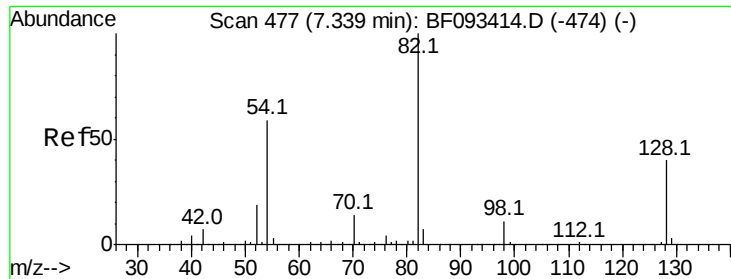
Delta R.T. -0.03 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		749217		
137	11.2	8.4	12.6		
54	11.2	4.5	6.7#		
68	7.8	3.6	5.4#		





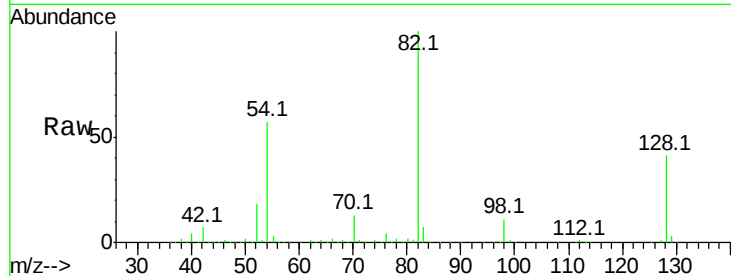
#23
 Nitrobenzene-d5
 Concen: 89.70 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Instrument :
 BNA_F
 ClientSampleID :
 P-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	56.7	39.5	59.3

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:29:16 PM

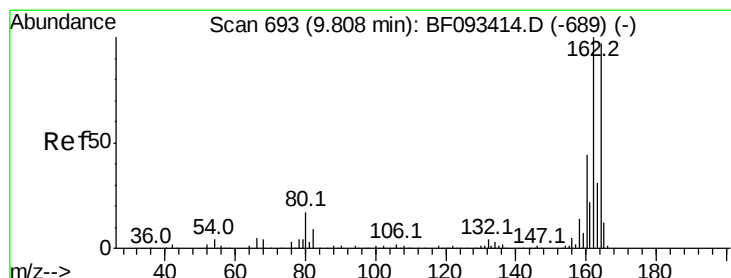
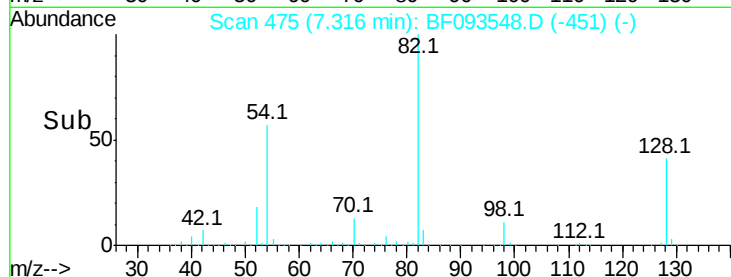
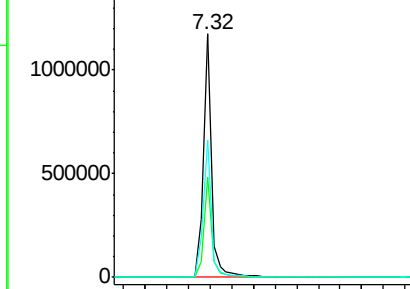


Abundance

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: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

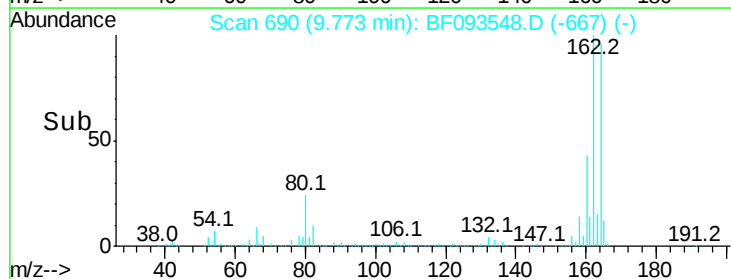
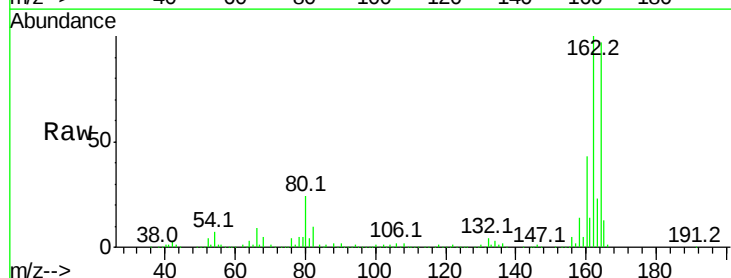
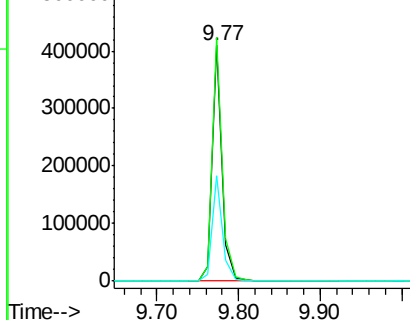
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.8	36.9	55.3

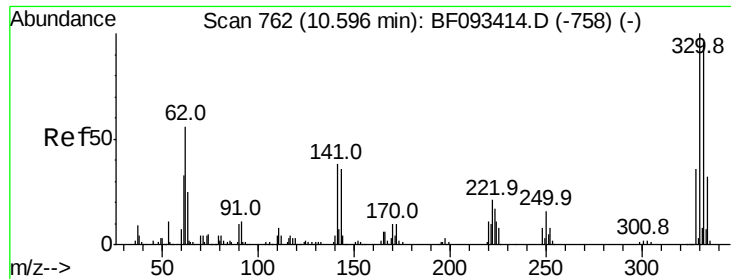
Abundance

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





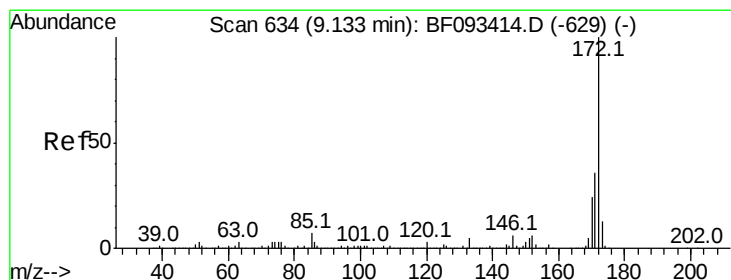
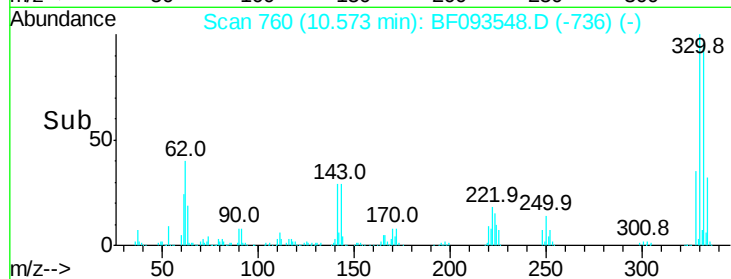
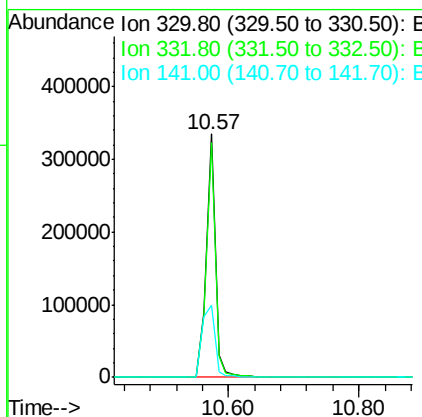
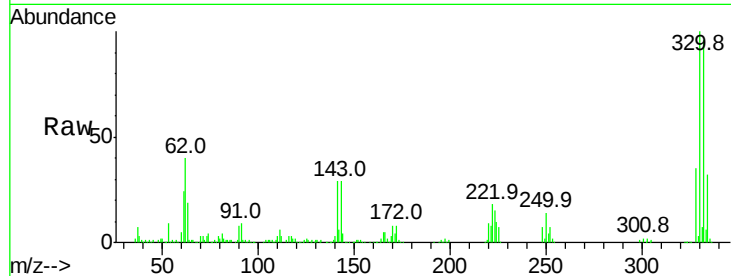
#41
 2,4,6-Tribromophenol
 Concen: 143.38 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Instrument :
 BNA_F
 ClientSampled :
 P-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	327786		
332	96.0		77.4	116.2
141	41.6		34.1	51.1

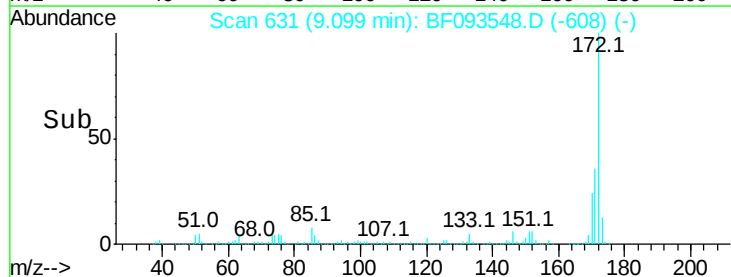
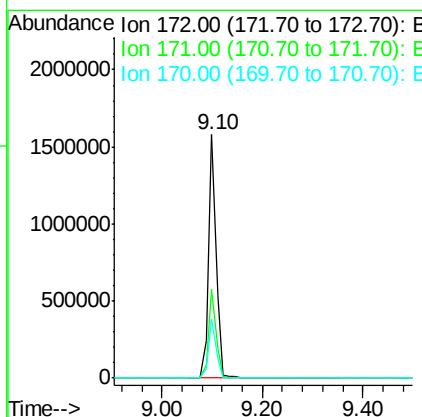
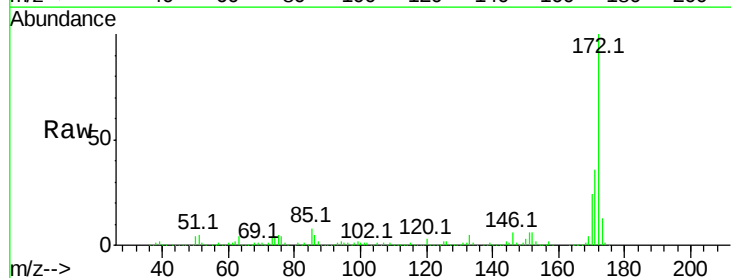
Manual Integrations
 APPROVED

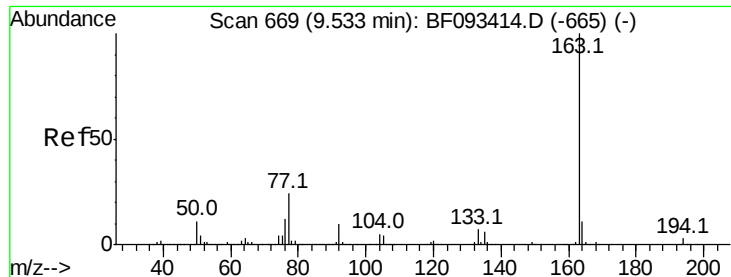
mohammad
 3/13/2017 5:29:16 PM



#44
 2-Fluorobiphenyl
 Concen: 88.13 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1662518		
171	36.4		29.4	44.0
170	24.5		20.2	30.4





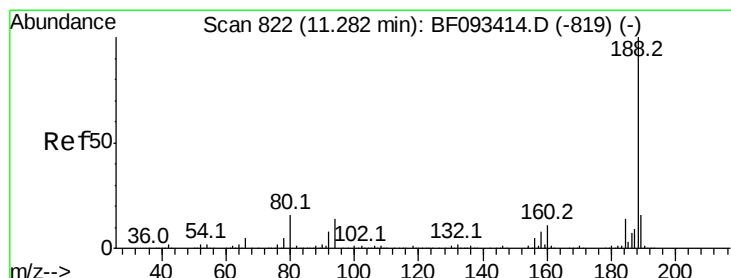
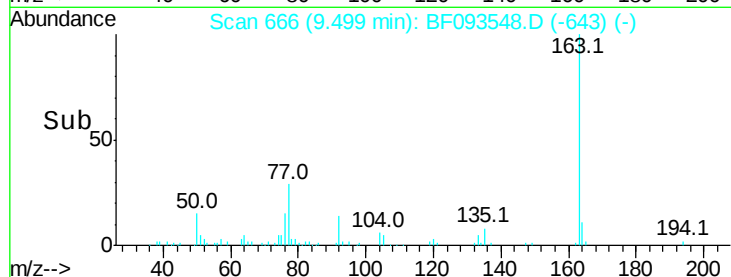
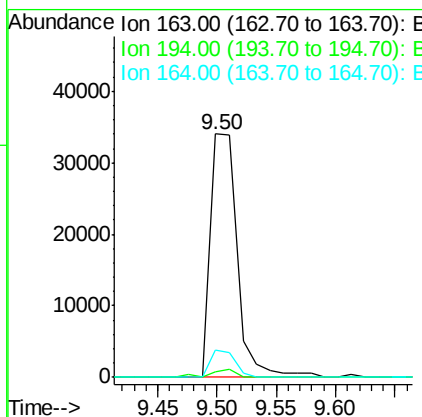
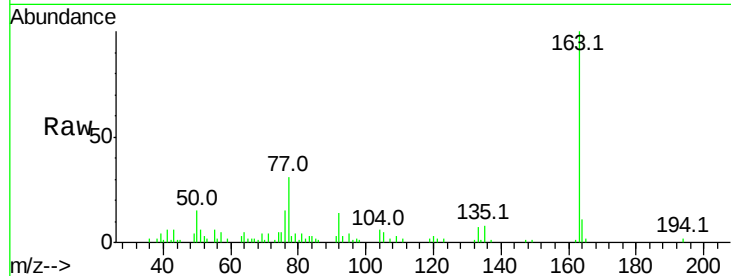
#49
Dimethylphthalate
Concen: 2.28 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF093548.D
Acq: 11 Mar 2017 3:33

Instrument :
BNA_F
ClientSampleId :
P-4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	53088		
194	2.3		3.0	4.4#
164	11.4		8.0	12.0

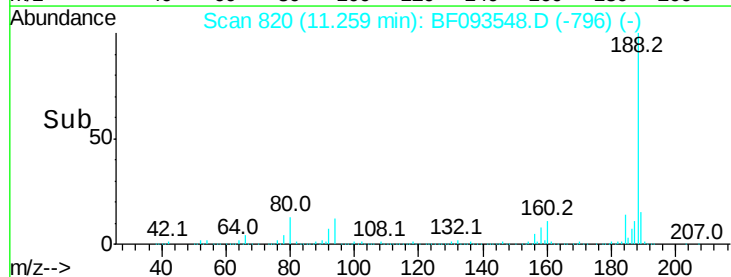
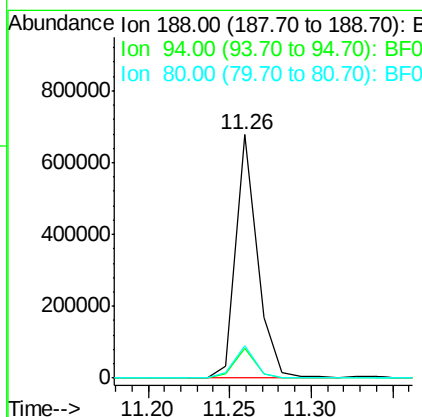
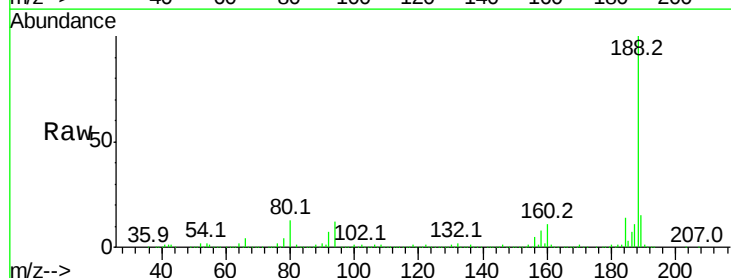
Manual Integrations
APPROVED

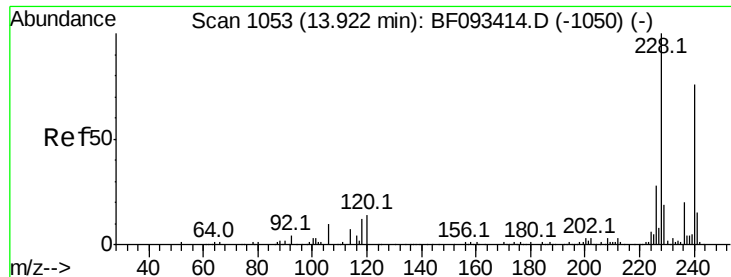
mohammad
3/13/2017 5:29:16 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093548.D
Acq: 11 Mar 2017 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	623781		
94	12.4		10.0	15.0
80	13.2		11.2	16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Instrument :

BNA_F

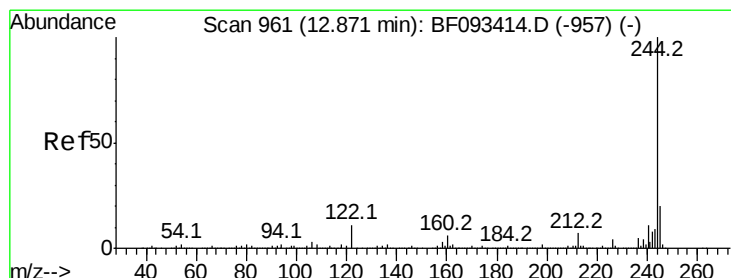
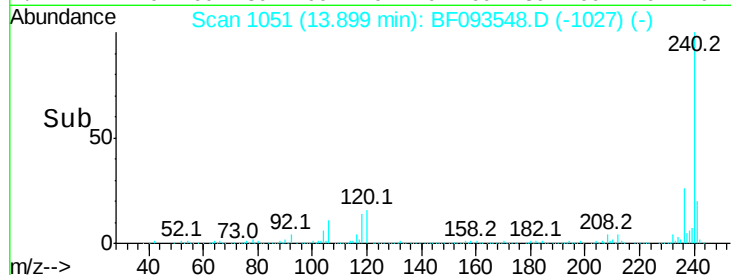
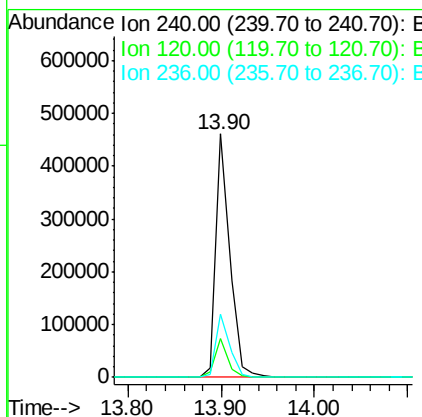
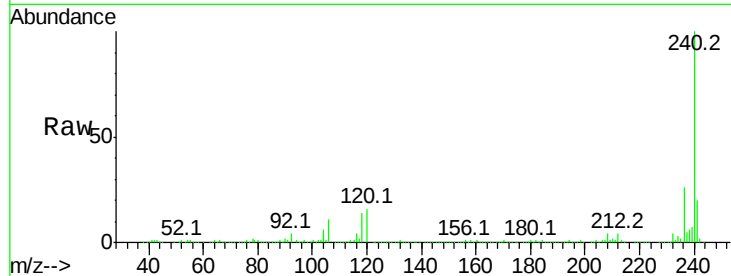
ClientSampleId :

P-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	12.9	19.3
236	26.2	20.9	31.3

Manual Integrations
APPROVED

mohammad
3/13/2017 5:29:16 PM



#78

Terphenyl-d14

Concen: 79.92 ng

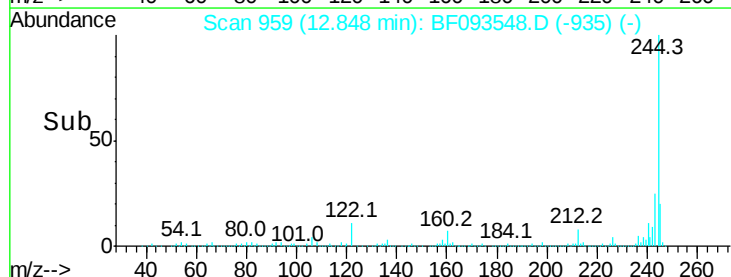
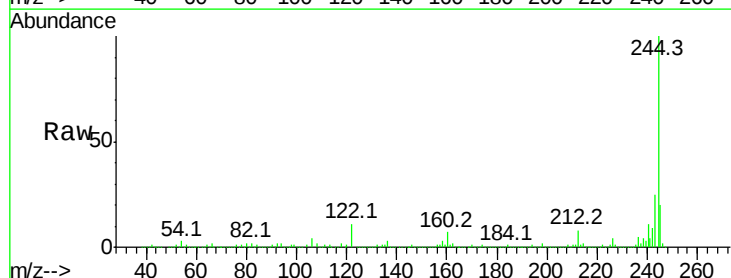
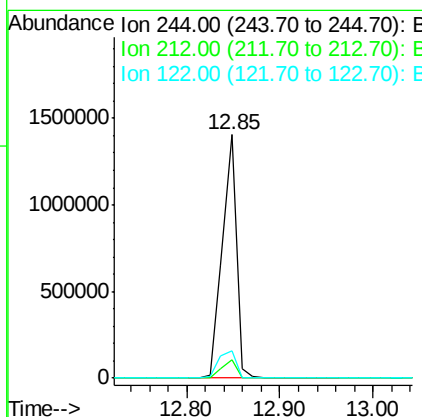
RT: 12.85 min Scan# 959

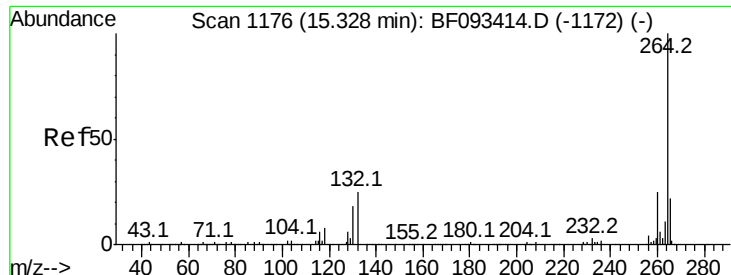
Delta R.T. -0.02 min

Lab File: BF093548.D

Acq: 11 Mar 2017 3:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.5	11.4	17.2





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093548.D
 Acq: 11 Mar 2017 3:33

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.4	26.0

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:29:16 PM

