

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089578.D
 Acq On : 4 Aug 2016 4:24
 Operator : UM/SJ
 Sample : H4328-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-003(WATERY-SHEEN)

Manual Integrations
 APPROVED

sohil
 8/4/2016 6:12:15 PM

Quant Time: Aug 04 08:41:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:58:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	42515	20.00	ng	-0.01
21) Naphthalene-d8	9.48	136	188360	20.00	ng	-0.01
38) Acenaphthene-d10	12.31	164	87896	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	156181	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	89993	20.00	ng	-0.01
86) Perylene-d12	20.07	264	86717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	13427m	5.32	ng	0.06
7) Phenol-d6	7.04	99	25451m	7.44	ng	0.03
23) Nitrobenzene-d5	8.40	82	12826	3.77	ng	0.02
41) 2,4,6-Tribromophenol	13.61	330	3922	5.62	ng	0.00
44) 2-Fluorobiphenyl	11.27	172	34438	5.09	ng	-0.01
78) Terphenyl-d14	17.06	244	24489	5.46	ng	-0.01

Target Compounds Qvalue

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

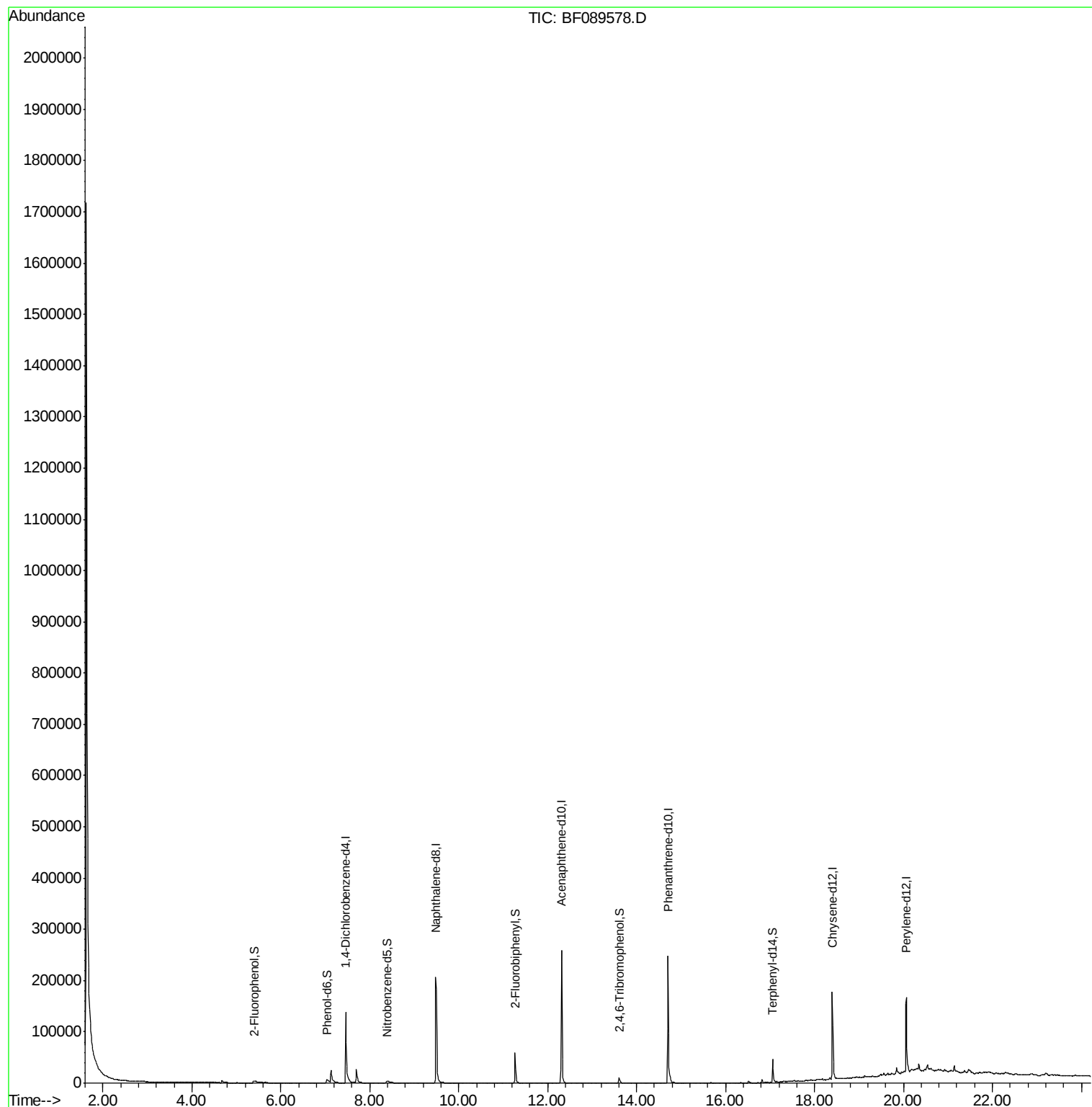
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089578.D
Acq On : 4 Aug 2016 4:24
Operator : UM/SJ
Sample : H4328-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

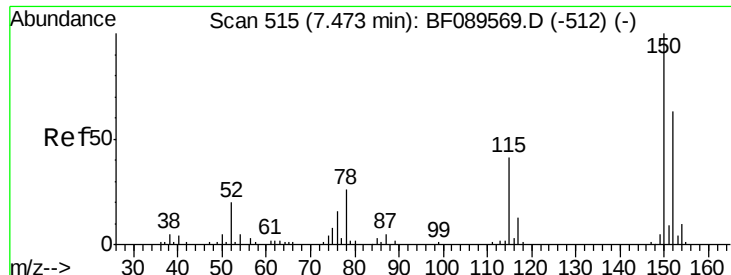
Instrument :
BNA_F
ClientSampleId :
PLSA-003(WATERY-SHEEN)

Manual Integrations
APPROVED

sohil
8/4/2016 6:12:15 PM

Quant Time: Aug 04 08:41:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:58:27 2016
Response via : Initial Calibration





#1

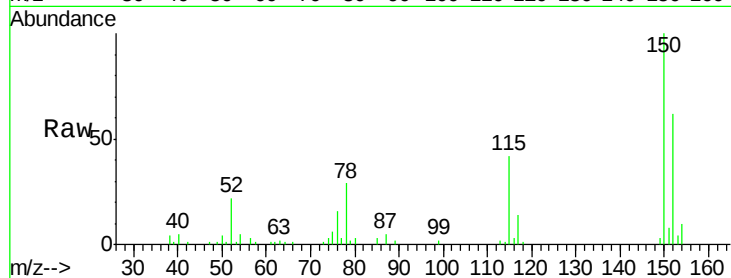
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089578.D
Acq: 4 Aug 2016 4:24

Instrument :
BNA_F
ClientSampleId :
PLSA-003(WATERY-SHEEN)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.4	191.2
115	68.2	51.8	77.8

Manual Integrations
APPROVED

sohil
8/4/2016 6:12:15 PM

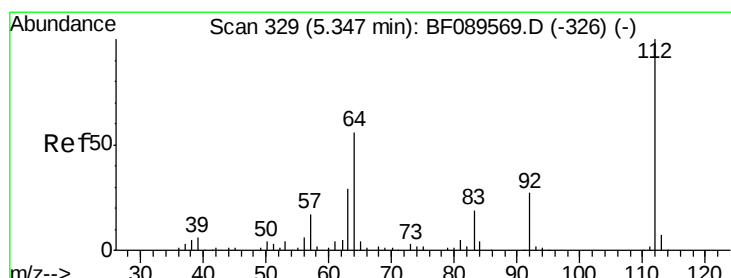
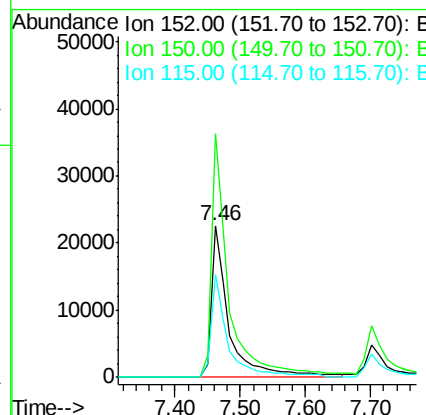
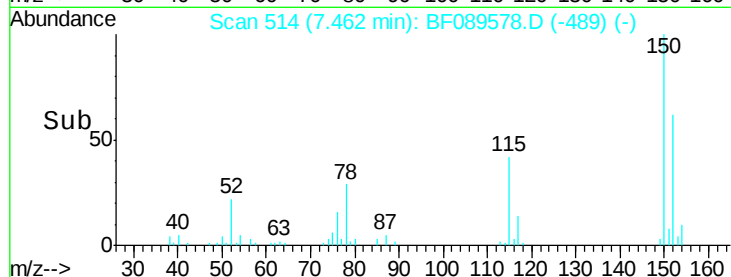


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

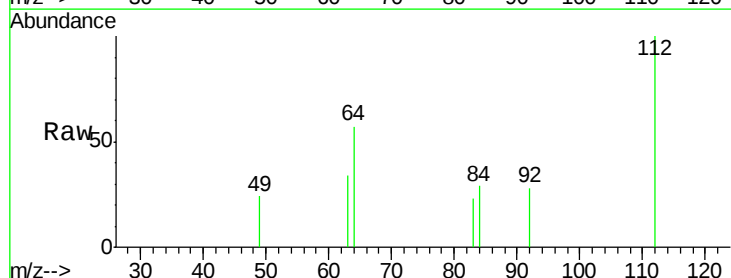
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.32 ng m
RT: 5.40 min Scan# 334
Delta R.T. 0.06 min
Lab File: BF089578.D
Acq: 4 Aug 2016 4:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.2	67.8
63	34.0	23.1	34.7

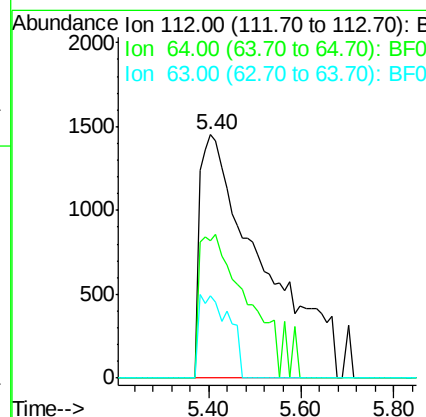
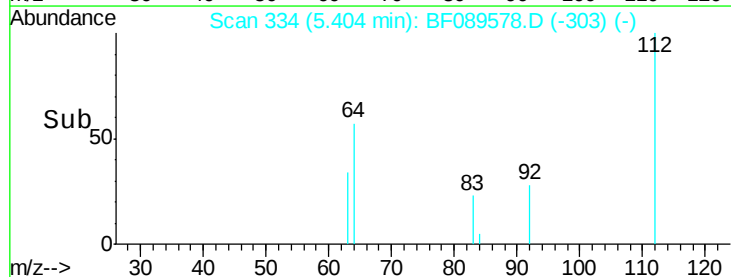


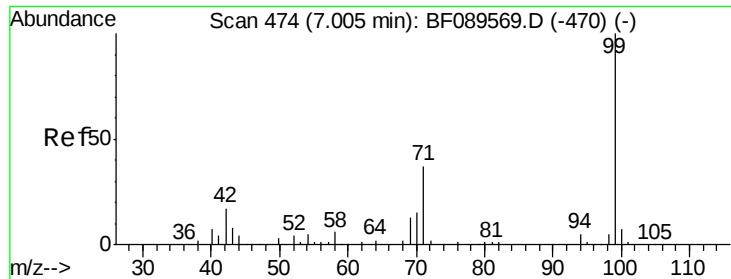
Abundance

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: 7.44 ng/mL

RT: 7.04 min Scan# 477

Delta R.T. 0.03 min

Lab File: BF089578.D

Acq: 4 Aug 2016 4:24

Instrument :

BNA_F

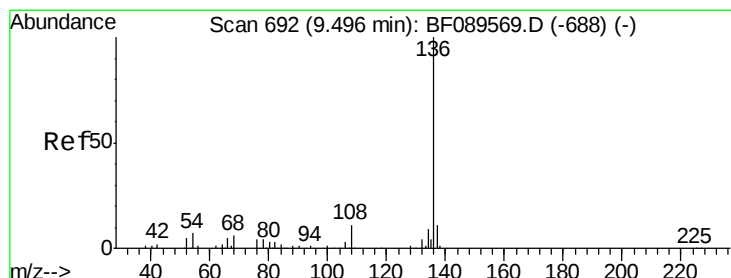
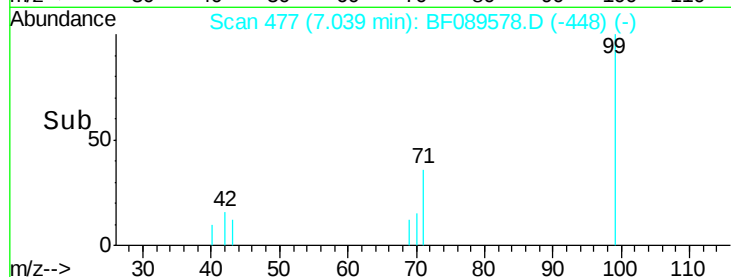
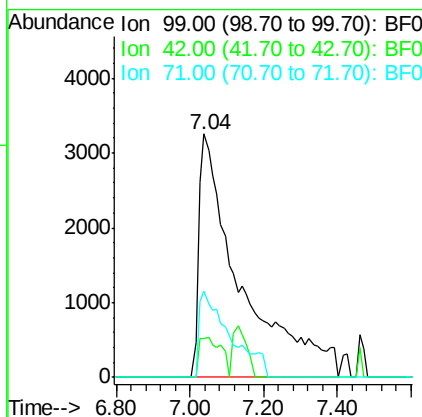
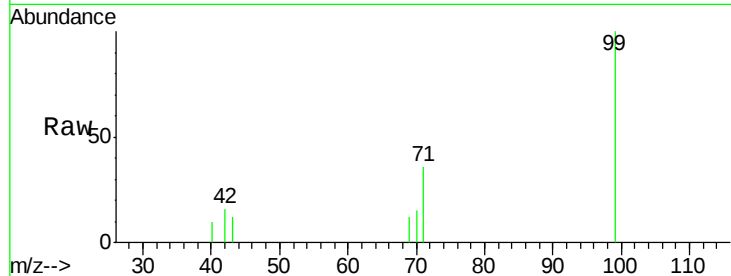
ClientSampleId :

PLSA-003(WATERY-SHEEN)

Tot Ion:	99	Resp:	25451
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.9	20.9
71	35.6	29.3	43.9

Manual Integrations
APPROVED

sohil
8/4/2016 6:12:15 PM



#21

Naphthalene-d8

Concen: 20.00 ng

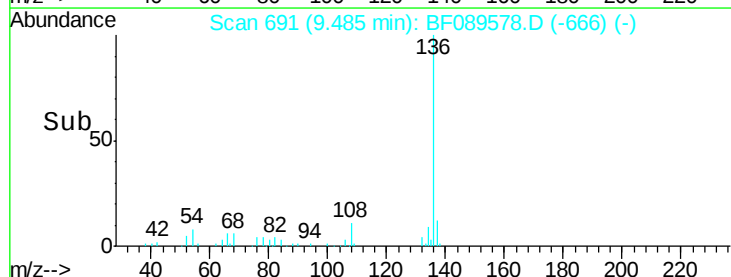
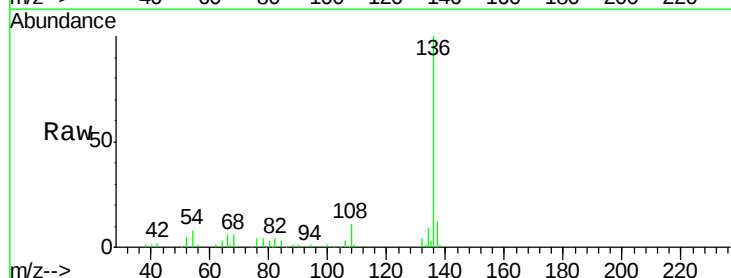
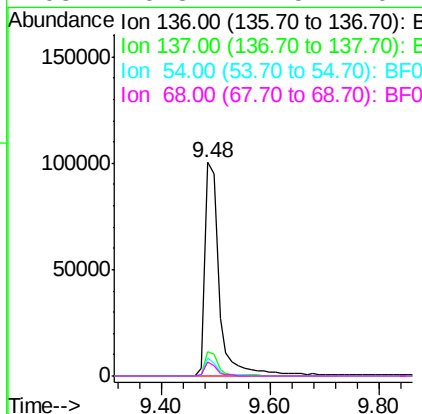
RT: 9.48 min Scan# 691

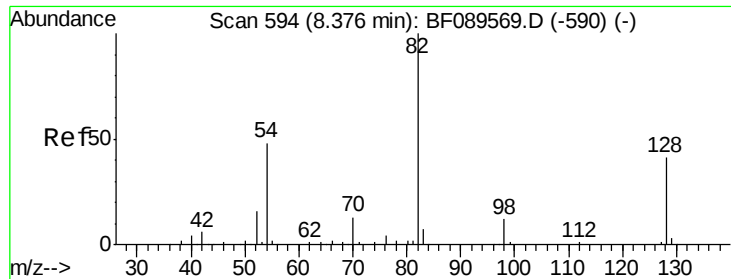
Delta R.T. -0.01 min

Lab File: BF089578.D

Acq: 4 Aug 2016 4:24

Tgt Ion:	136	Resp:	188360
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.8	13.2
54	8.4	5.9	8.9
68	6.3	4.5	6.7





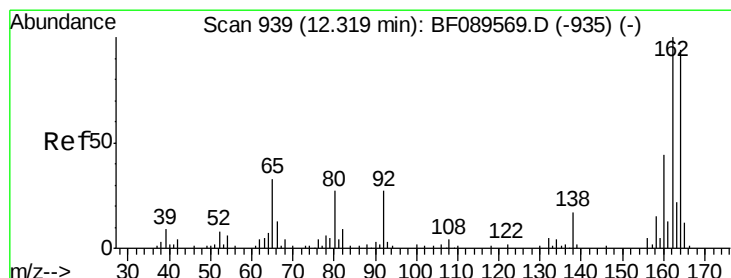
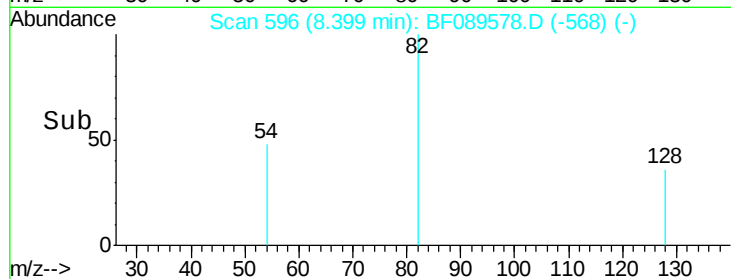
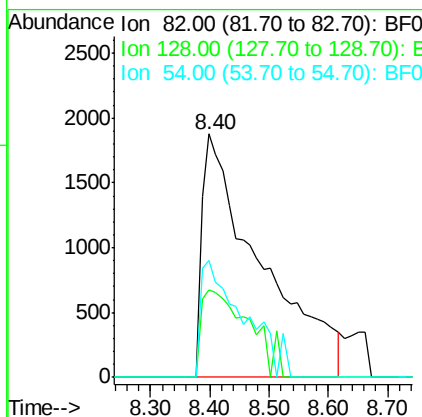
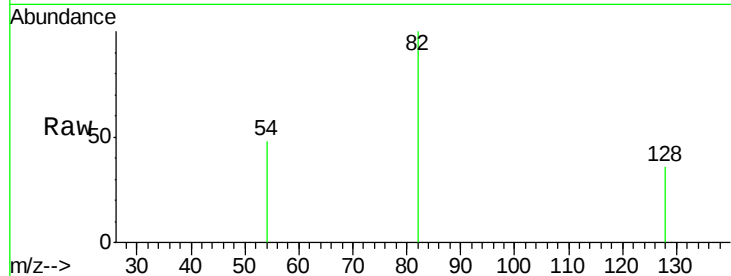
#23
 Nitrobenzene-d5
 Concen: 3.77 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.02 min
 Lab File: BF089578.D
 Acq: 4 Aug 2016 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-003(WATERY-SHEEN)

Tot Ion:	82	Resp:	12826
Ion Ratio	Lower	Upper	
82	100		
128	35.8	32.4	48.6
54	48.1	38.6	58.0

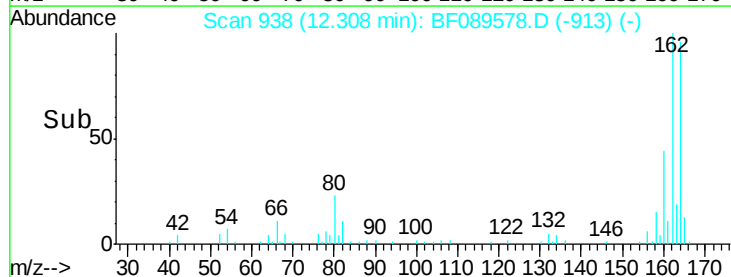
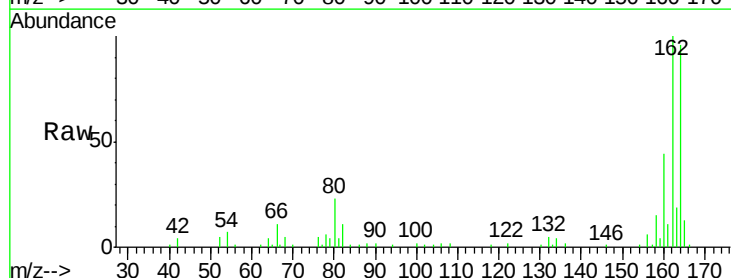
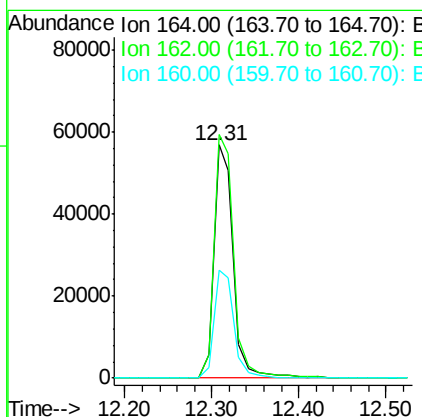
Manual Integrations
 APPROVED

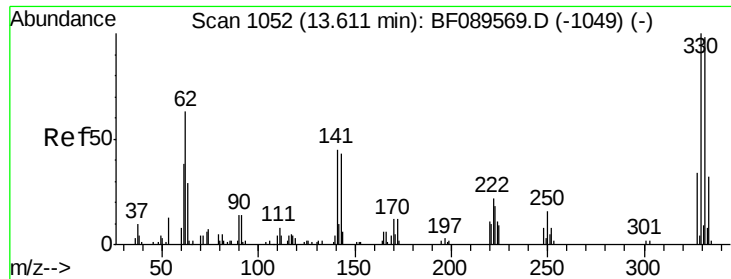
sohil
 8/4/2016 6:12:15 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.31 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF089578.D
 Acq: 4 Aug 2016 4:24

Tgt Ion:	164	Resp:	87896
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.4	128.2
160	46.4	37.3	55.9





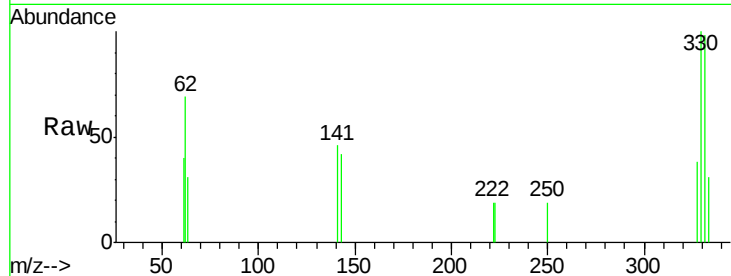
#41
 2,4,6-Tribromophenol
 Concen: 5.62 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089578.D
 Acq: 4 Aug 2016 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-003(WATERY-SHEEN)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.7	115.1
141	47.9	40.3	60.5

Manual Integrations
 APPROVED

sohil
 8/4/2016 6:12:15 PM

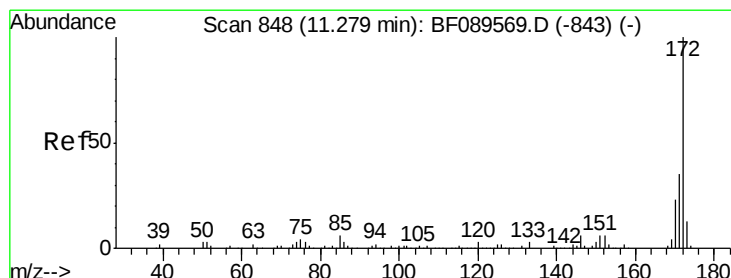
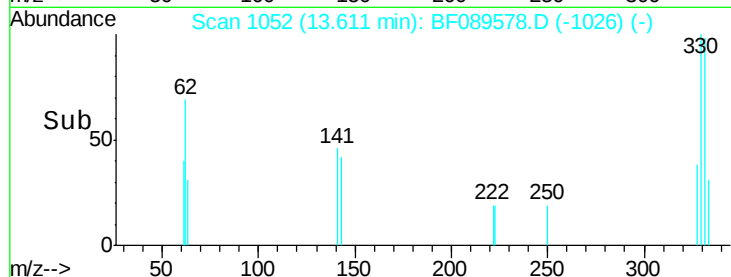
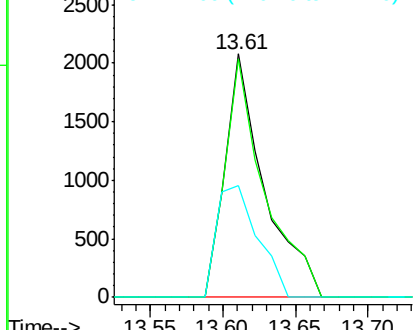


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 5.09 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089578.D
 Acq: 4 Aug 2016 4:24

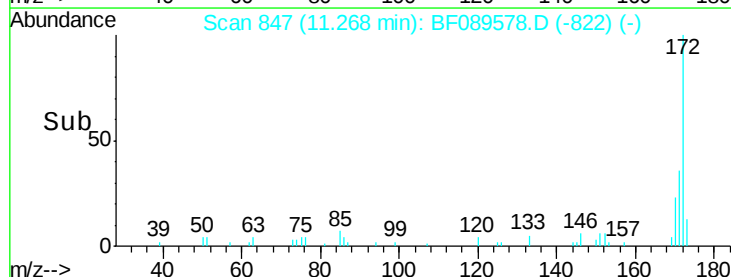
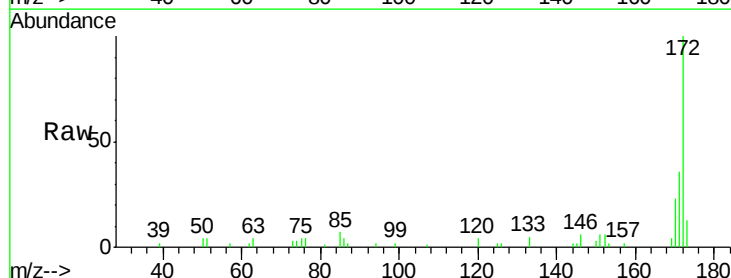
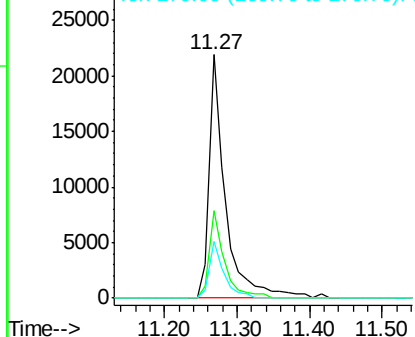
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	23.5	18.6	28.0

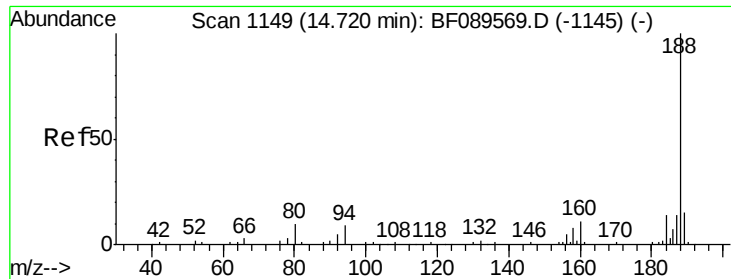
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





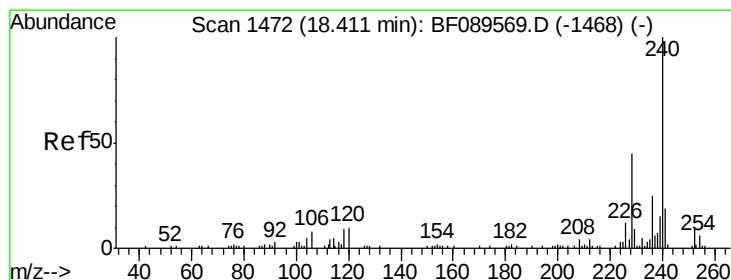
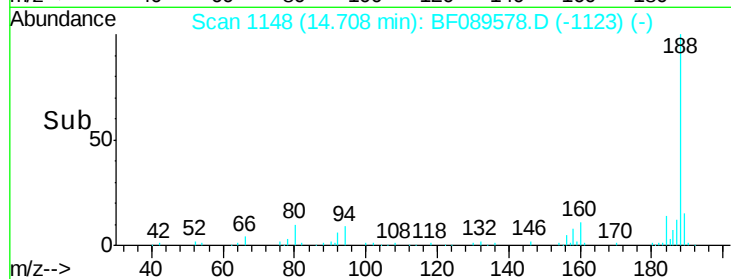
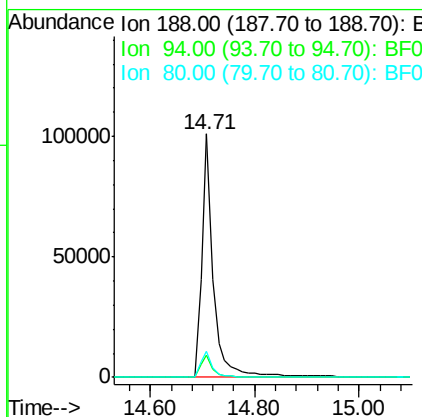
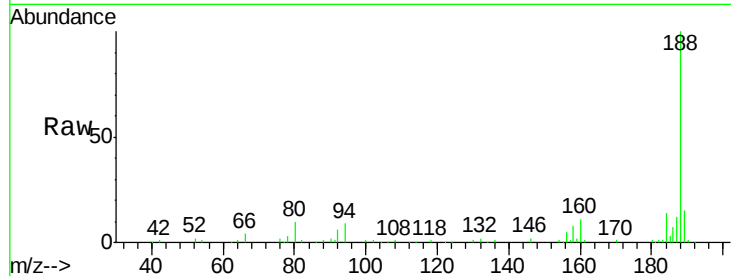
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF089578.D
Acq: 4 Aug 2016 4:24

Instrument :
BNA_F
ClientSampleId :
PLSA-003(WATERY-SHEEN)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	156181		
94	9.1	7.0	10.4	
80	10.5	7.7	11.5	

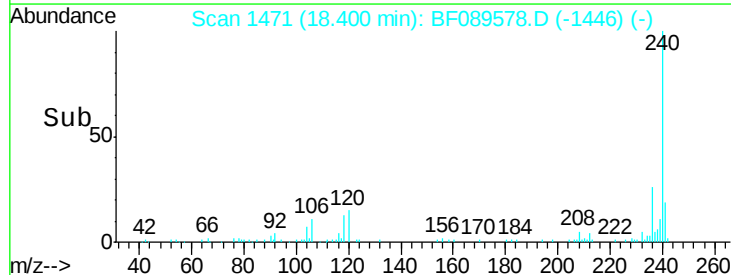
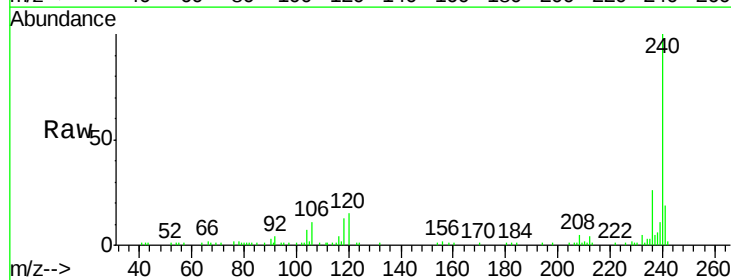
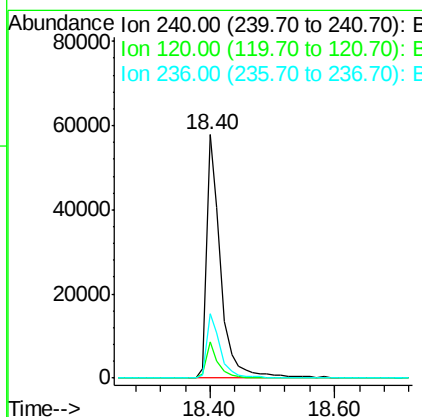
Manual Integrations
APPROVED

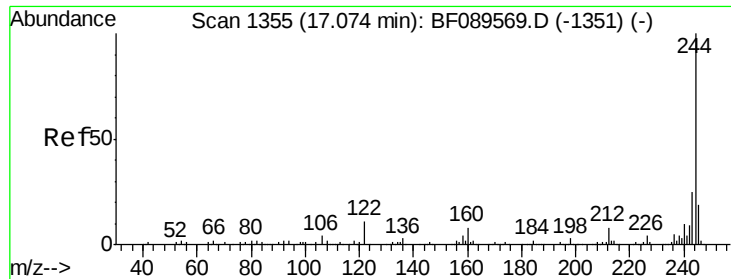
sohil
8/4/2016 6:12:15 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF089578.D
Acq: 4 Aug 2016 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	89993		
120	14.7	8.2	12.2#	
236	26.5	20.3	30.5	





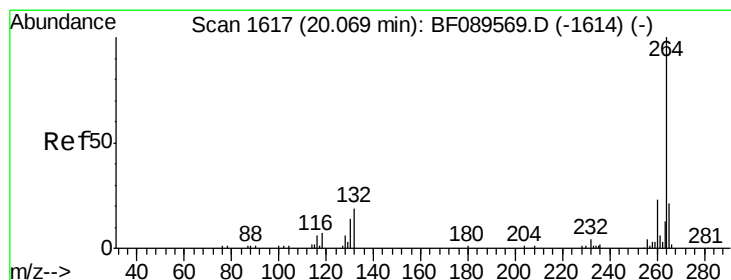
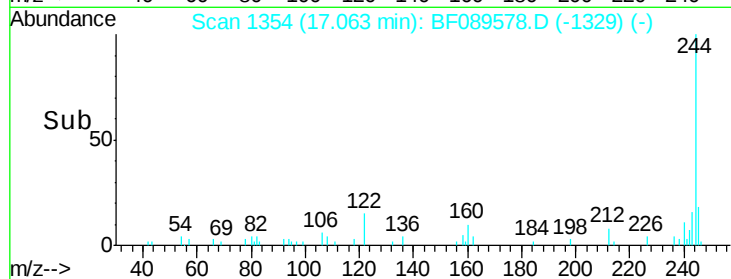
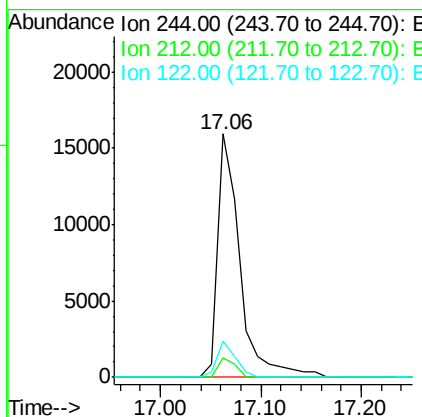
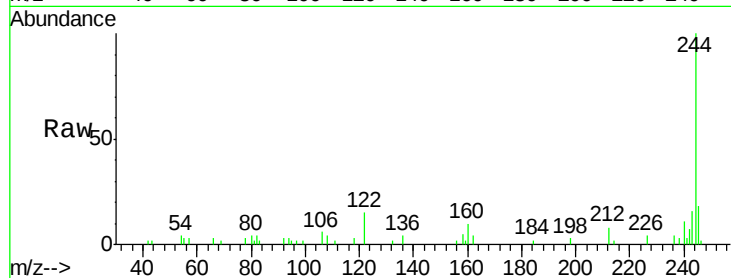
#78
 Terphenyl-d14
 Concen: 5.46 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF089578.D
 Acq: 4 Aug 2016 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PLSA-003(WATERY-SHEEN)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	15.0	8.5	12.7

Manual Integrations
 APPROVED

sohil
 8/4/2016 6:12:15 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF089578.D
 Acq: 4 Aug 2016 4:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.2	16.6	25.0

