

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096280.D
 Acq On : 29 Jun 2017 6:27
 Operator : SJ/MA
 Sample : I3909-03 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q4-BASE

Manual Integrations
 APPROVED

mohammad
 6/29/2017 6:00:07 PM

Quant Time: Jun 29 08:15:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	133957	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	523220	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212100	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	347075	20.00	ng	0.00
75) Chrysene-d12	13.93	240	322166	20.00	ng	0.01
86) Perylene-d12	15.35	264	227246	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	111509	11.99	ng	0.00
7) Phenol-d6	6.40	99	136415	12.12	ng	0.01
23) Nitrobenzene-d5	7.33	82	63958	8.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	23318	13.97	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	100269	8.66	ng	-0.01
78) Terphenyl-d14	12.87	244	84944	6.58	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.77	142	120490	7.36	ng	97
74) Fluoranthene	12.50	202	86062	4.46	ng	98
77) Pyrene	12.73	202	93662	3.54	ng	98

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

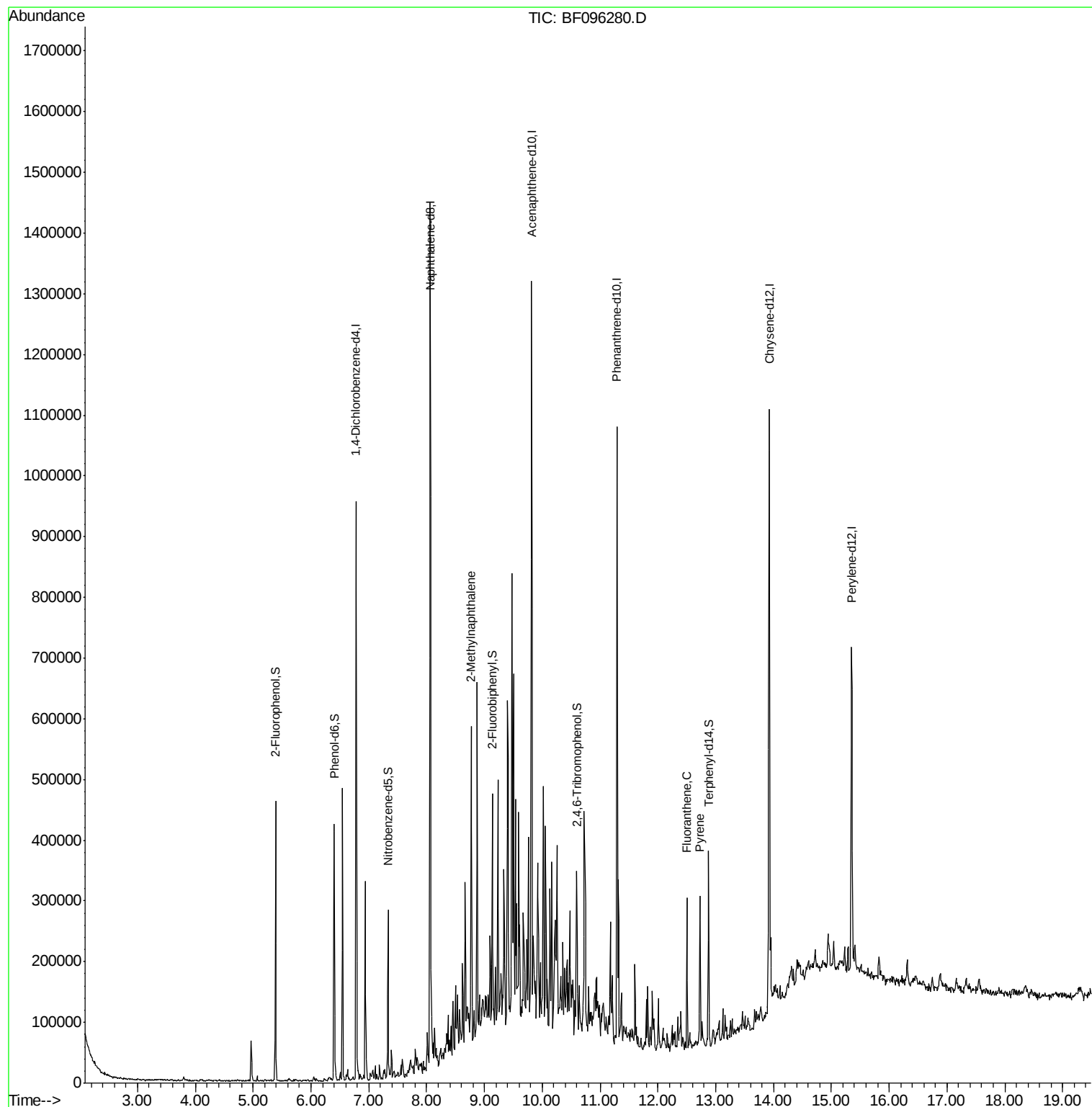
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
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Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
APPROVED

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#1

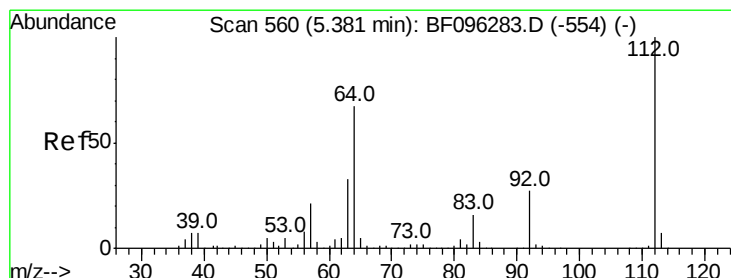
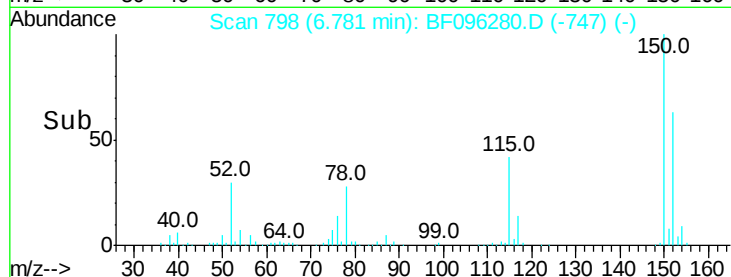
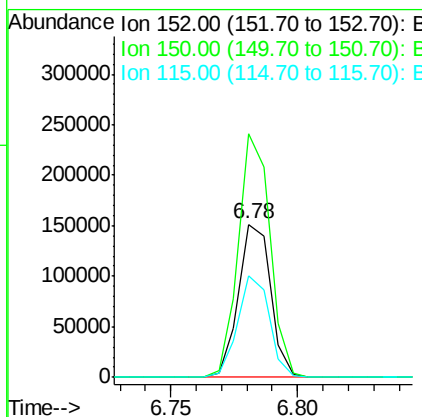
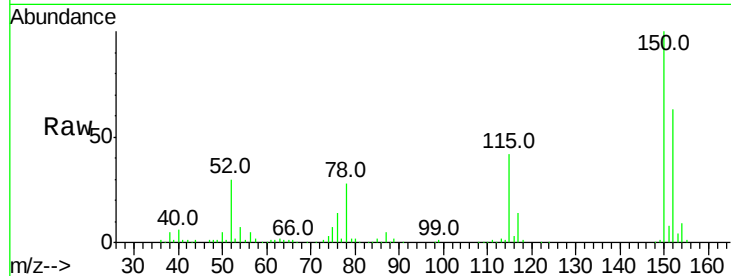
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	66.2	52.2	78.2

Manual Integrations
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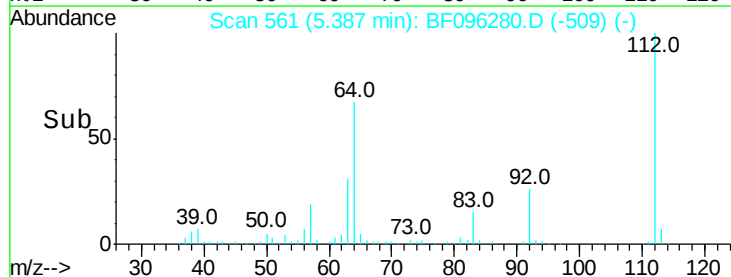
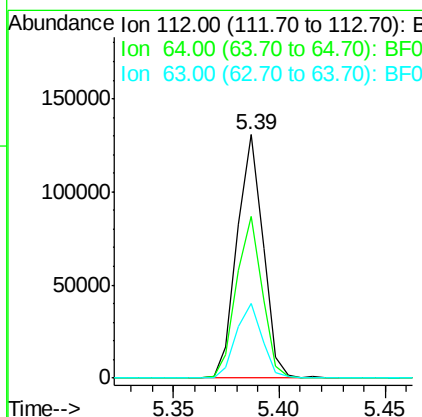
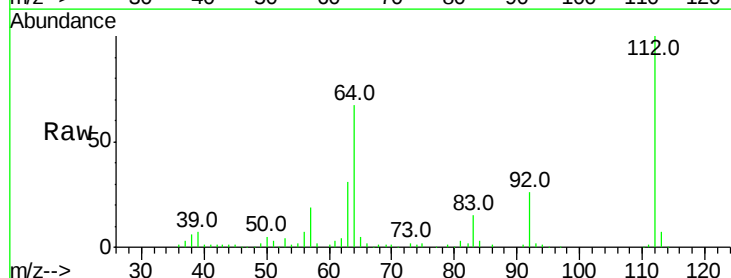
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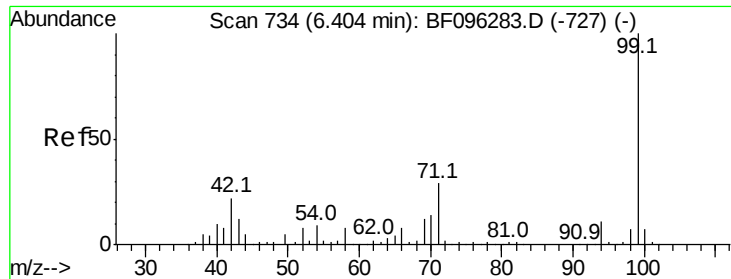


#5

2-Fluorophenol
Concen: 11.99 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	30.6	23.4	35.0





#7

Phenol-d6

Concen: 12.12 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096280.D

Acq: 29 Jun 2017 6:27

Instrument :

BNA_F

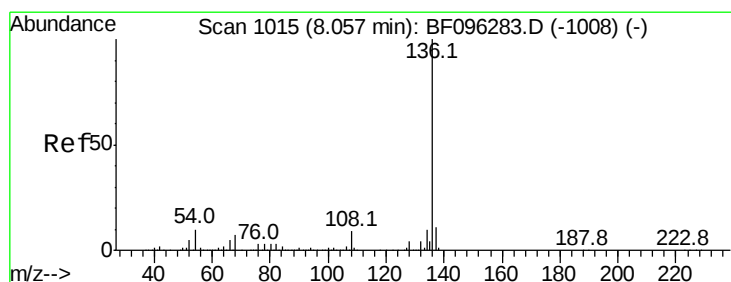
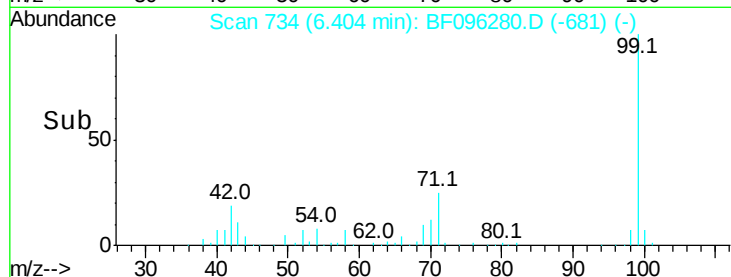
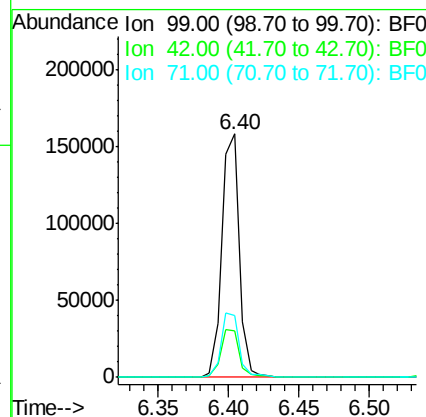
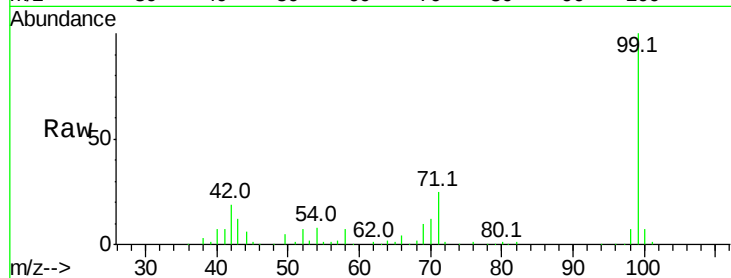
ClientSampleId :

E2-Q4-BASE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		136415		
42	19.2	13.5	20.3		
71	25.3	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

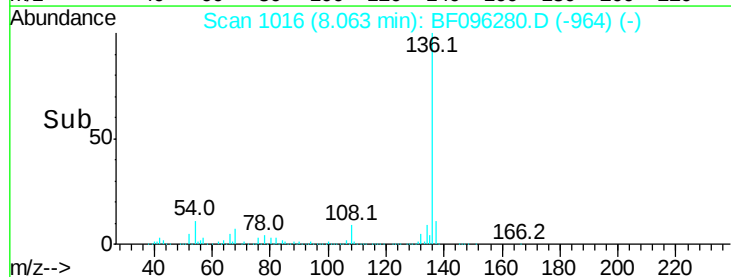
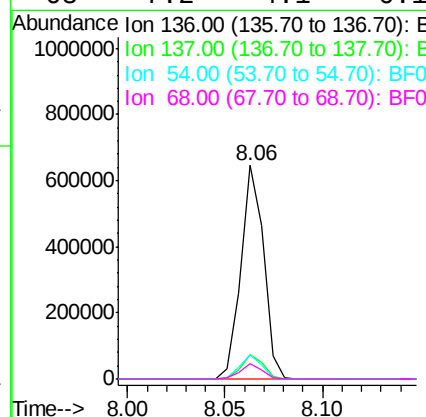
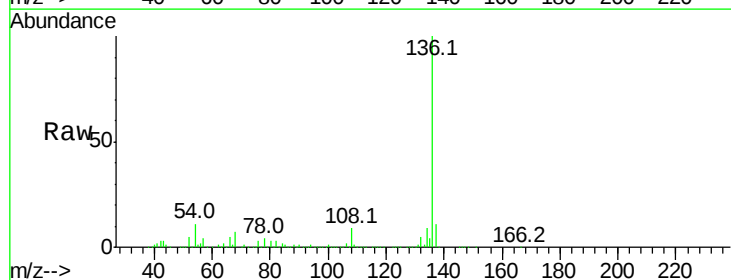
RT: 8.06 min Scan# 1016

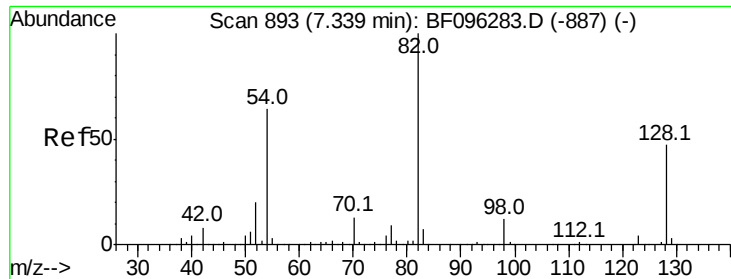
Delta R.T. 0.01 min

Lab File: BF096280.D

Acq: 29 Jun 2017 6:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		523220		
137	11.2	8.5	12.7		
54	11.4	4.9	7.3#		
68	7.2	4.1	6.1#		





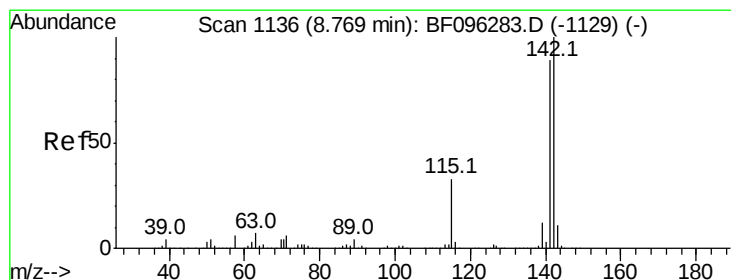
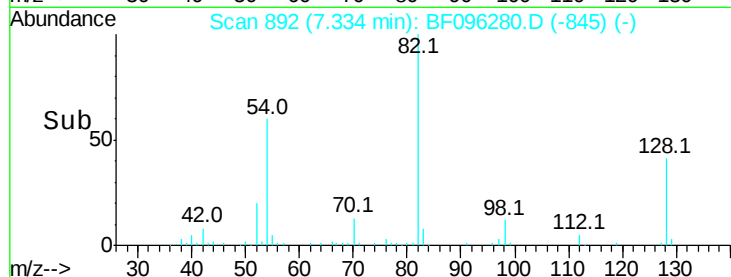
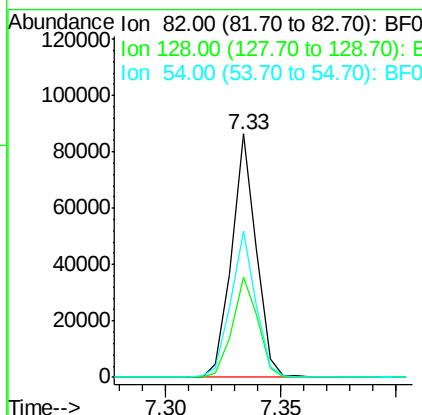
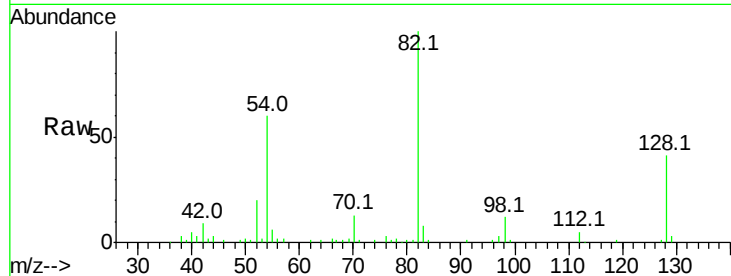
#23
 Nitrobenzene-d5
 Concen: 8.46 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096280.D
 Acq: 29 Jun 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	34.0	51.0	
54	60.1	42.2	63.2	

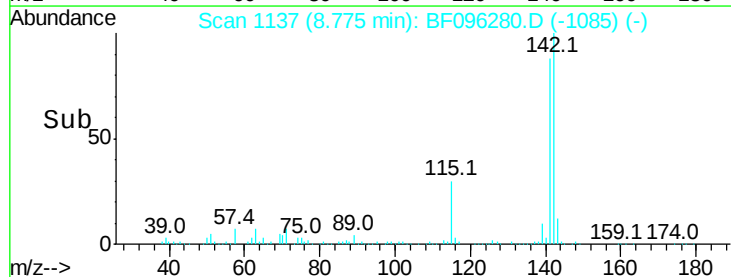
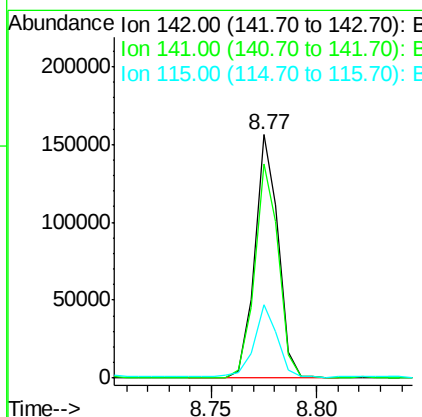
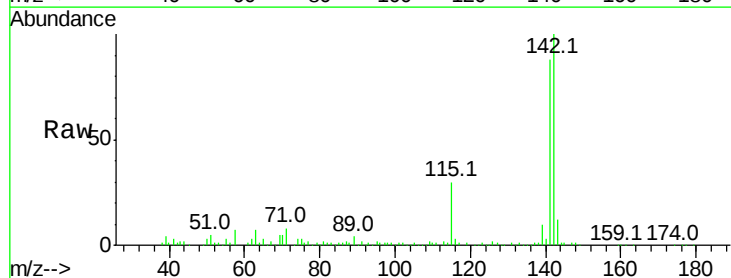
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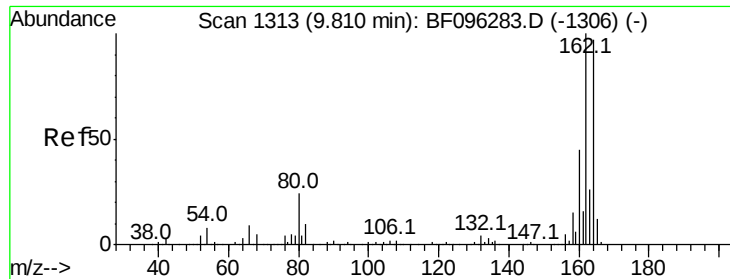
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#37
 2-Methylnaphthalene
 Concen: 7.36 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF096280.D
 Acq: 29 Jun 2017 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.1	71.3	106.9	
115	30.1	27.1	40.7	





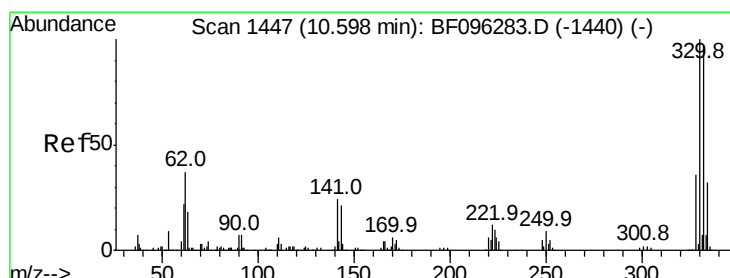
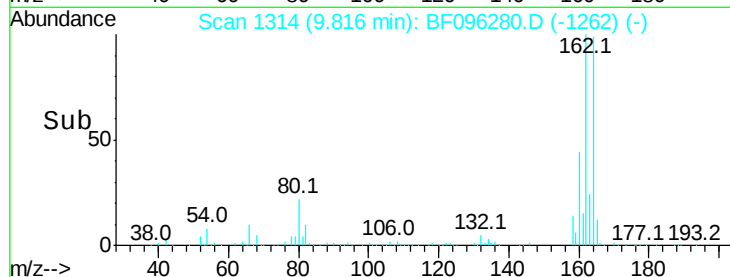
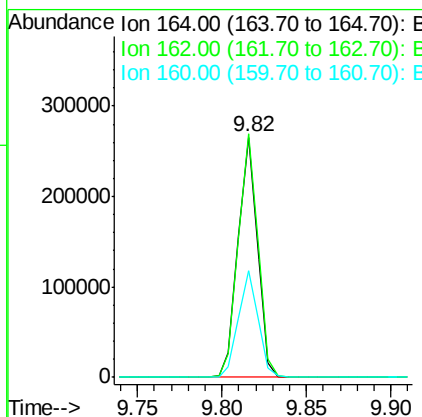
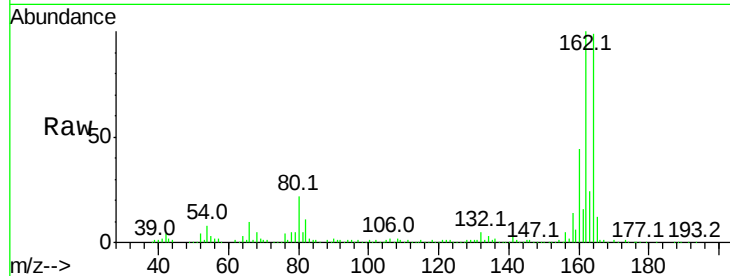
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	212100		
162	101.5	82.6	123.8	
160	44.5	36.2	54.2	

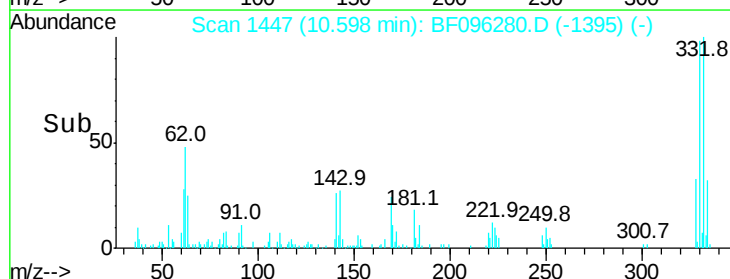
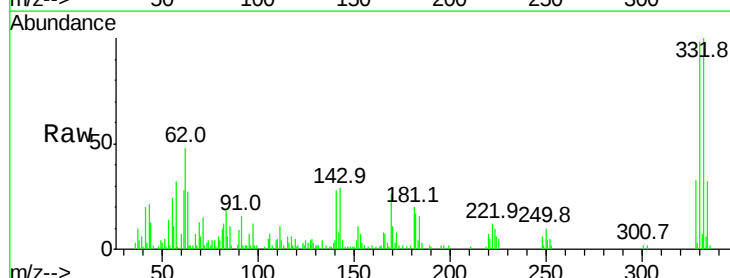
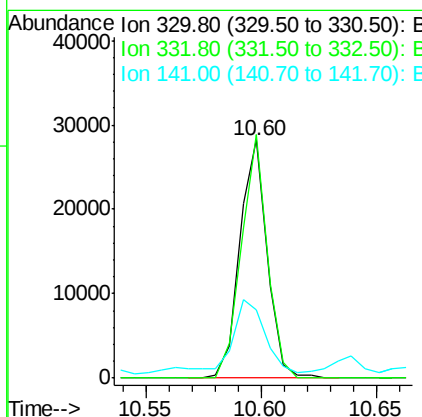
Manual Integrations
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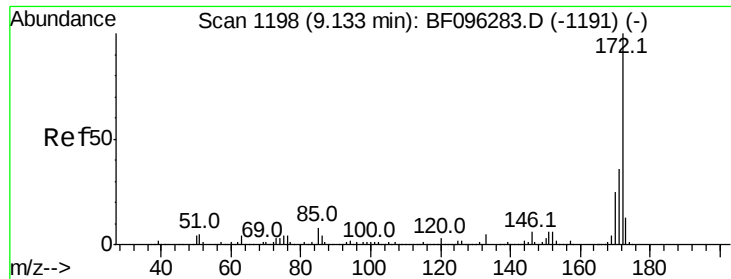
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#41
2,4,6-Tribromophenol
Concen: 13.97 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	23318		
332	96.5	76.6	115.0	
141	40.2	31.4	47.2	





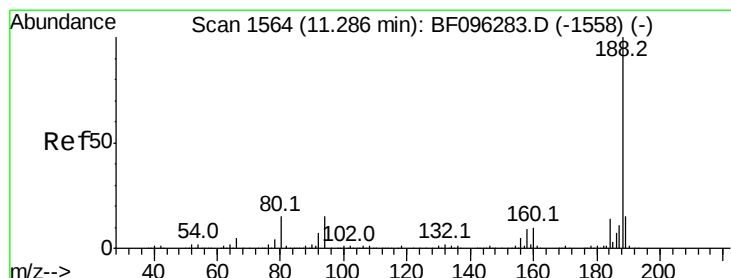
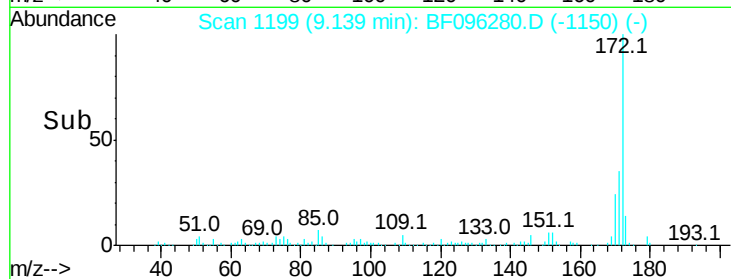
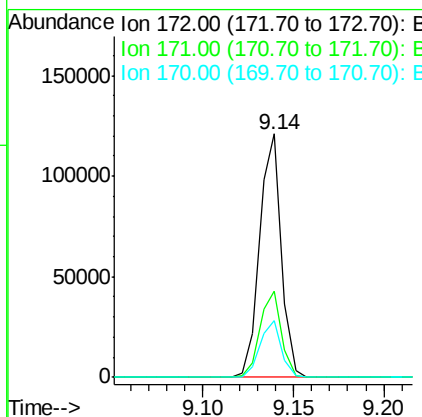
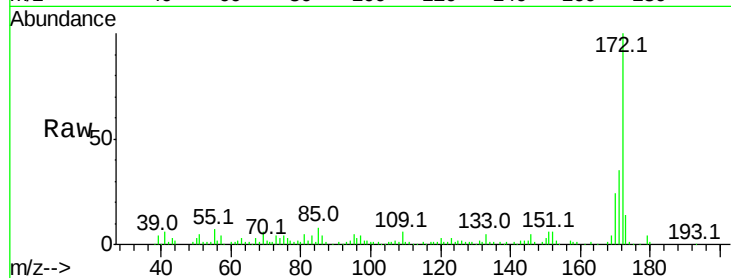
#44
2-Fluorobiphenyl
Concen: 8.66 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	23.5	19.8	29.8	

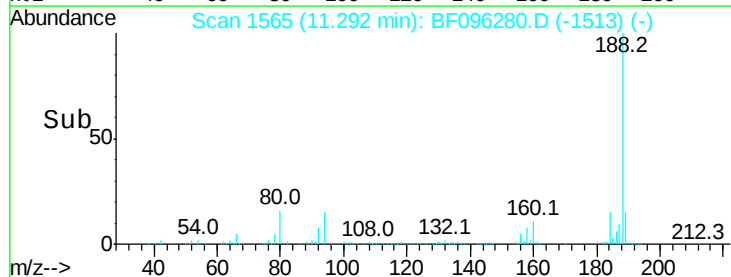
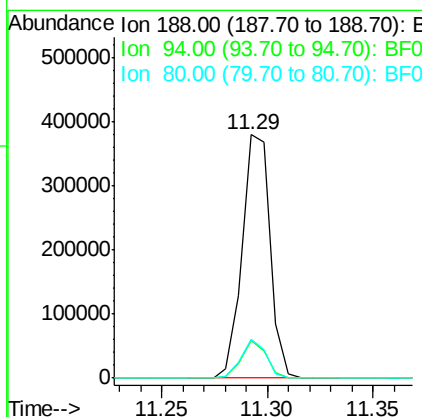
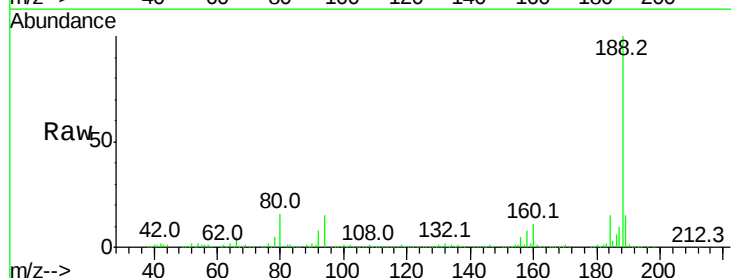
Manual Integrations
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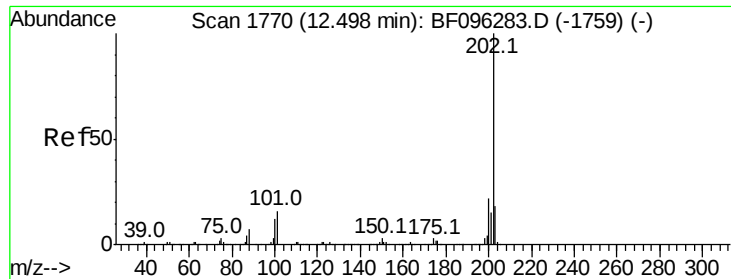
mohammad
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	15.3	9.4	14.2#	
80	16.2	10.2	15.2#	





#74

Fluoranthene

Concen: 4.46 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096280.D

Acq: 29 Jun 2017 6:27

Instrument :

BNA_F

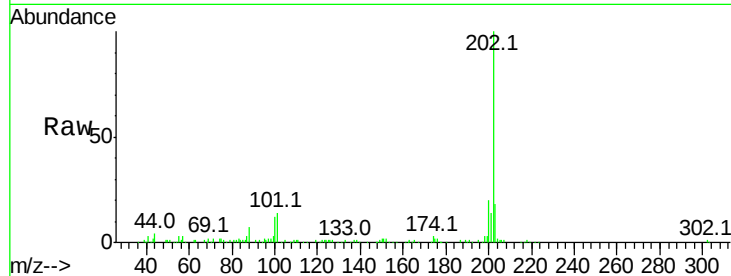
ClientSampled :

E2-Q4-BASE

Tot Ion:	202	Resp:	86062
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	17.6	0.0	38.1

Manual Integrations
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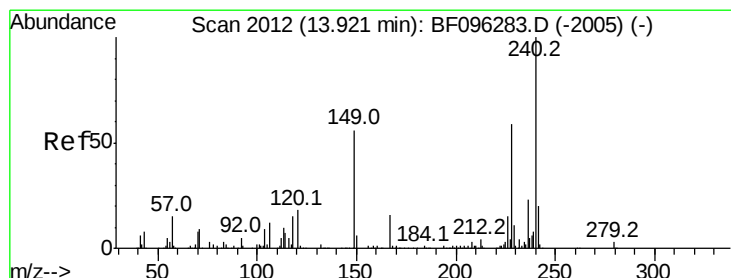
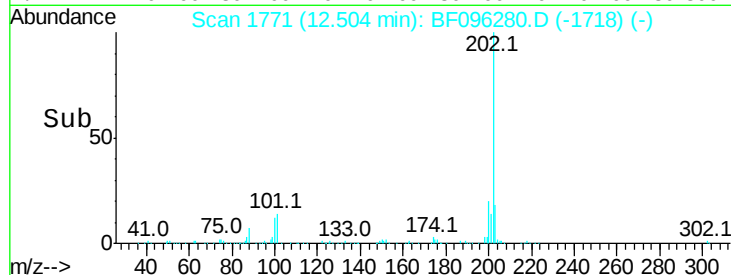
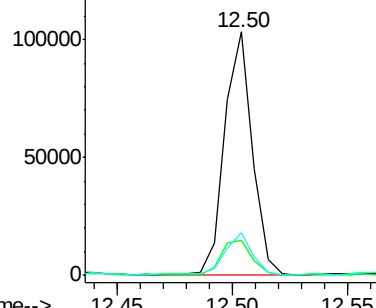
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096280.D

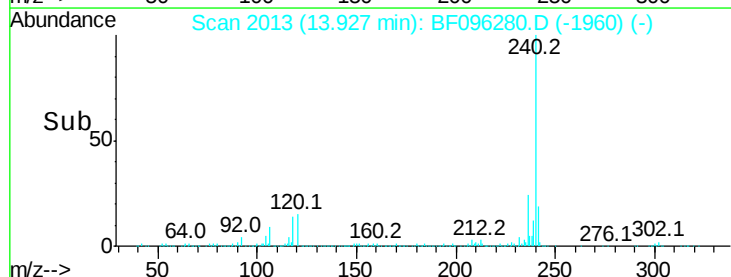
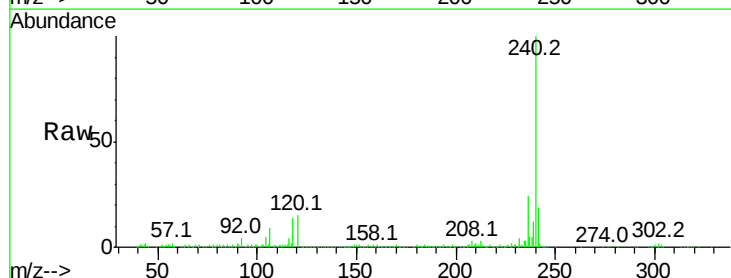
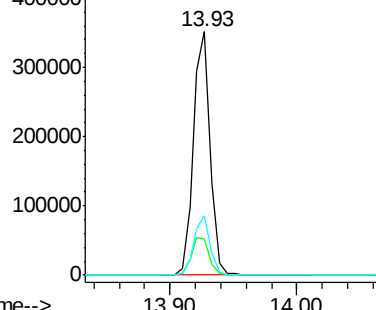
Acq: 29 Jun 2017 6:27

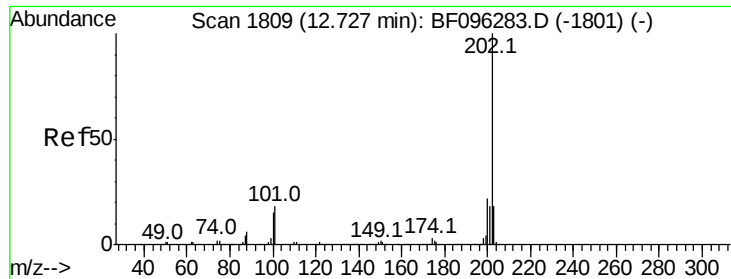
Tgt Ion:	240	Resp:	322166
Ion Ratio	Lower	Upper	
240	100		
120	15.2	5.8	8.8#
236	24.2	20.5	30.7

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.54 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096280.D

Acq: 29 Jun 2017 6:27

Instrument :

BNA_F

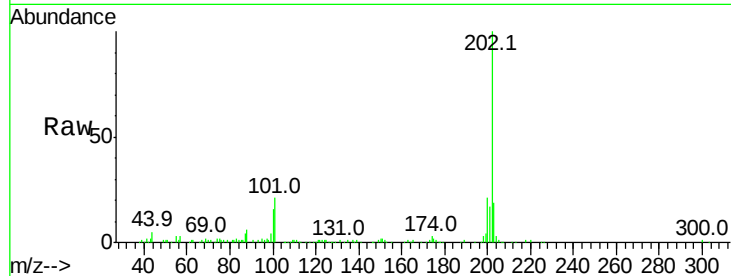
ClientSampleId :

E2-Q4-BASE

Tot Ion:	202	Resp:	93662
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	18.9	14.4	21.6

Manual Integrations
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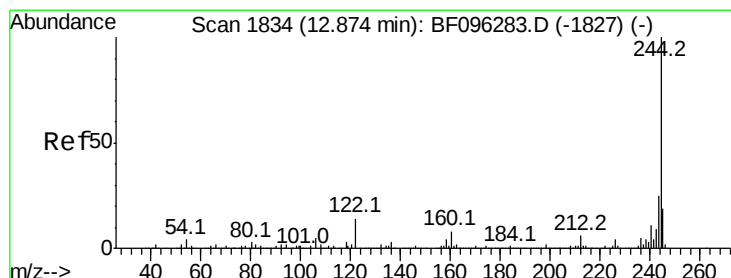
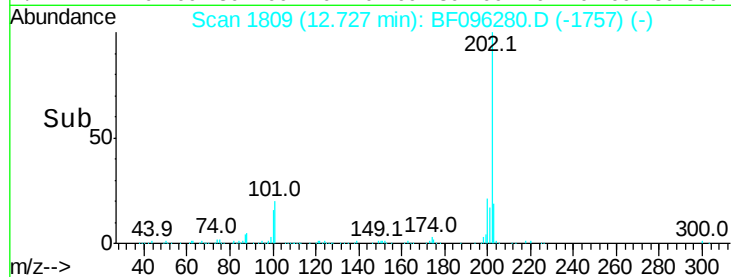
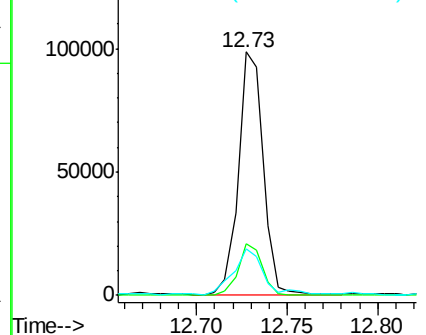
mohammad
6/29/2017 6:00:07 PM



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: 6.58 ng

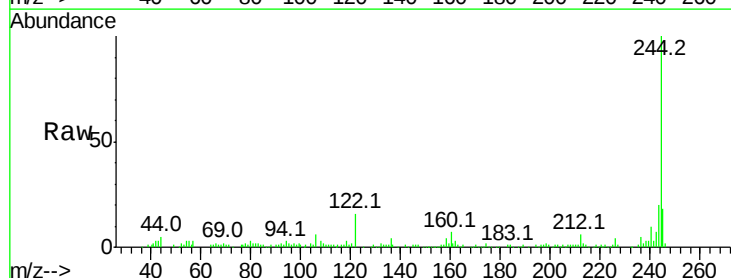
RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096280.D

Acq: 29 Jun 2017 6:27

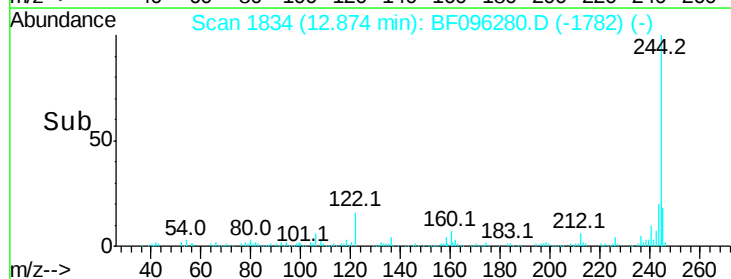
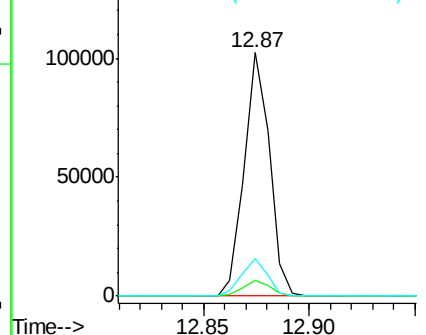
Tgt Ion:	244	Resp:	84944
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.0	9.0
122	15.5	10.3	15.5#

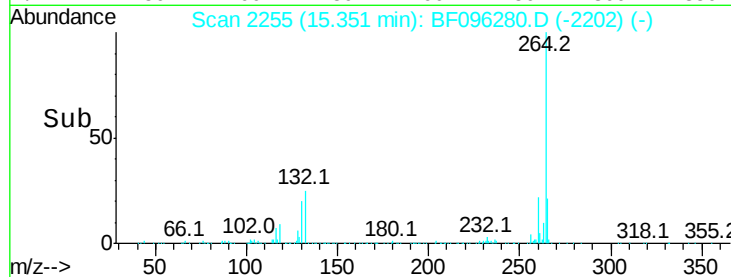
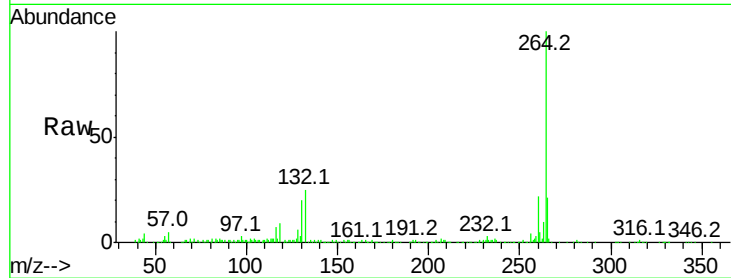
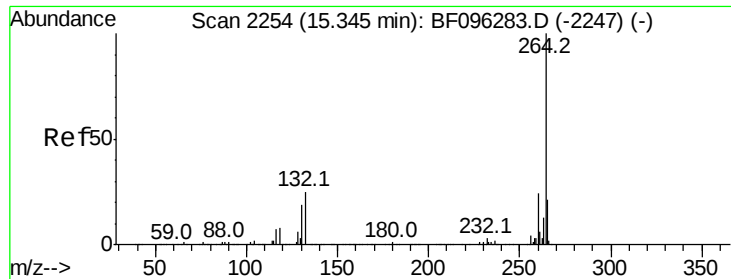


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096280.D
Acq: 29 Jun 2017 6:27

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.8	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/29/2017 6:00:07 PM

