

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099862.D
 Acq On : 26 Oct 2017 15:34
 Operator : SJ/JU
 Sample : I6068-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:34:10 PM

Quant Time: Oct 26 17:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61814	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	245302	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	102323	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	181061	20.00	ng	0.02
75) Chrysene-d12	13.99	240	168186	20.00	ng	0.00
86) Perylene-d12	15.47	264	164683	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	426531	108.33	ng	0.00
7) Phenol-d6	6.44	99	512338	109.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	281781	73.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106593	114.31	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	520516	78.48	ng	0.00
78) Terphenyl-d14	12.93	244	473687	61.55	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	25596	4.994	ng	92
14) 1,2-Dichlorobenzene	6.96	146	13015	2.986	ng	# 84
31) Naphthalene	8.10	128	52346	4.421	ng	# 85
37) 2-Methylnaphthalene	8.80	142	310340	39.110	ng	98
51) Acenaphthene	9.88	154	25150	3.975	ng	# 74
57) Fluorene	10.40	166	65961	8.921	ng	# 90
70) Phenanthrene	11.38	178	207498	20.307	ng	96
74) Fluoranthene	12.57	202	51649	4.864	ng	97
77) Pyrene	12.80	202	63843m	4.992	ng	
79) Butylbenzylphthalate	13.39	149	54330	8.627	ng	95
82) Chrysene	14.02	228	20450	2.040	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.95	149	439300	49.673	ng	98

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

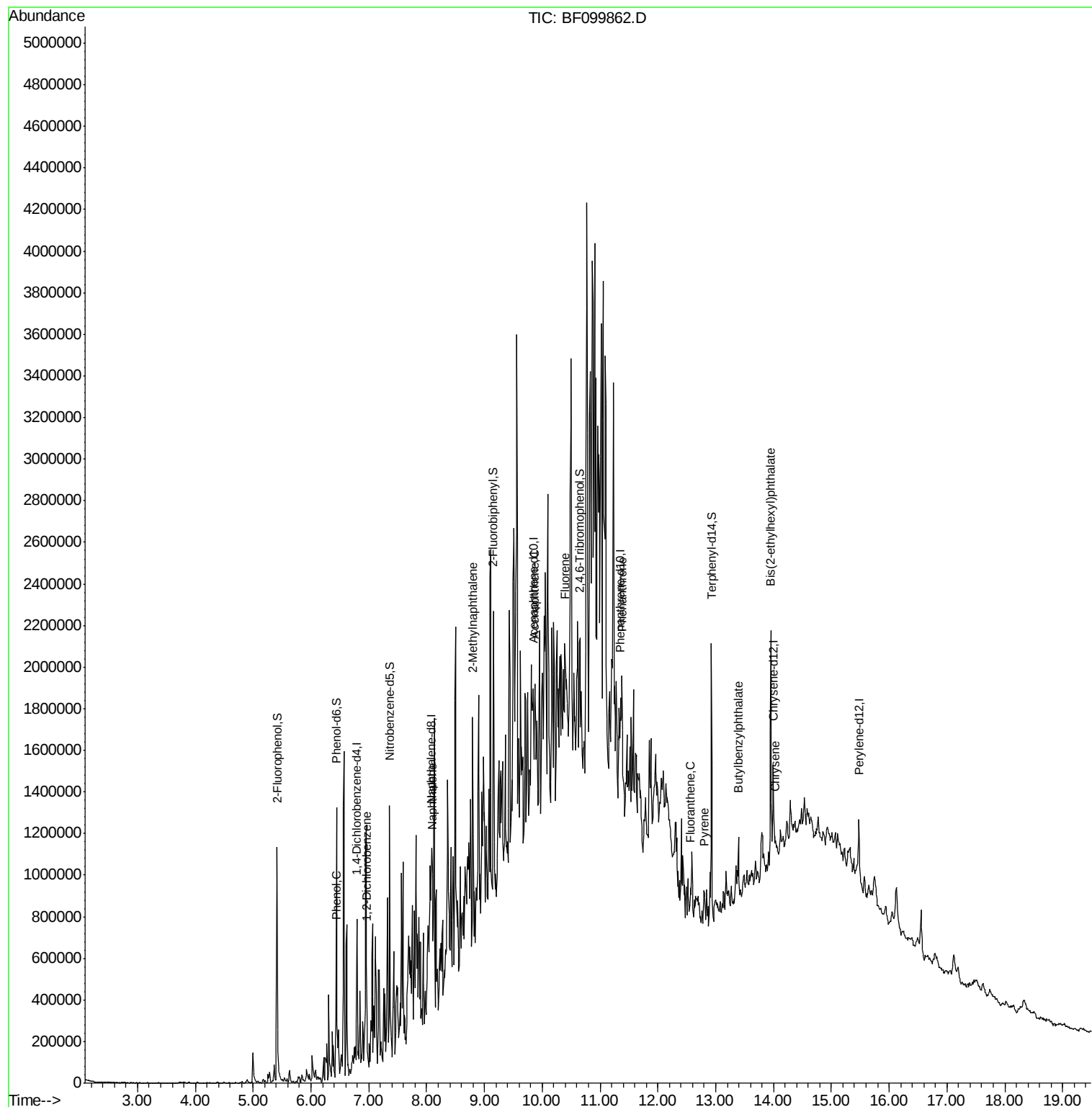
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099862.D
Acq On : 26 Oct 2017 15:34
Operator : SJ/JU
Sample : I6068-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

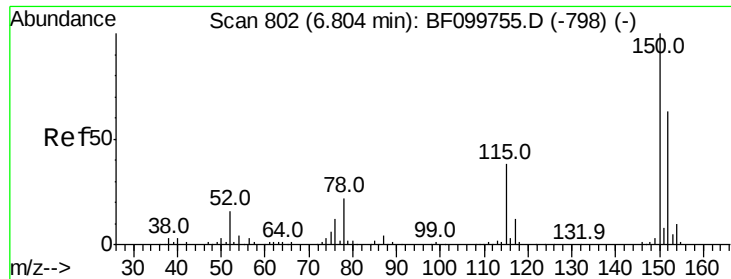
Instrument :
BNA_F
ClientSampleId :
SB-04

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM

Quant Time: Oct 26 17:05:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration





#1

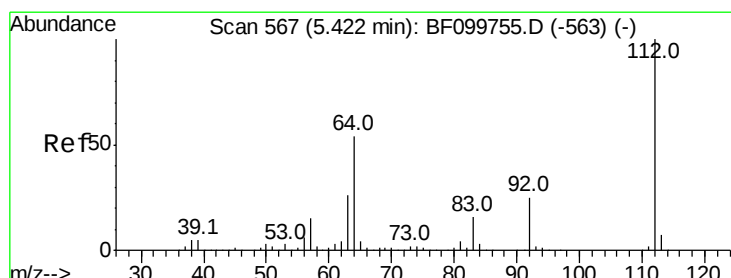
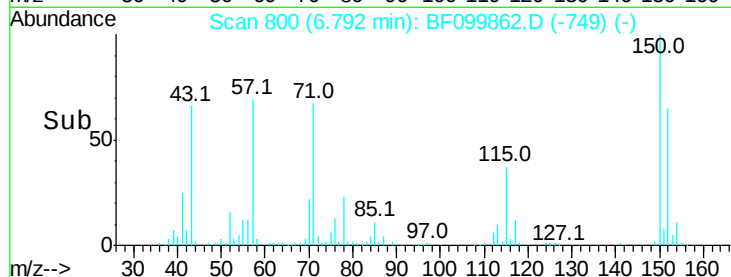
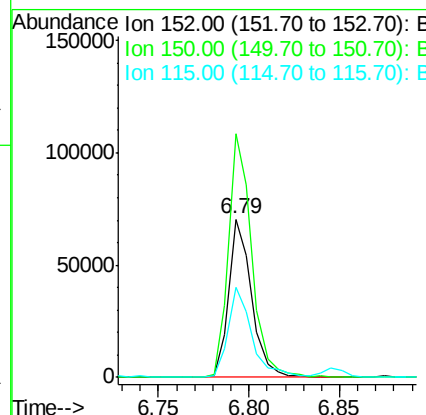
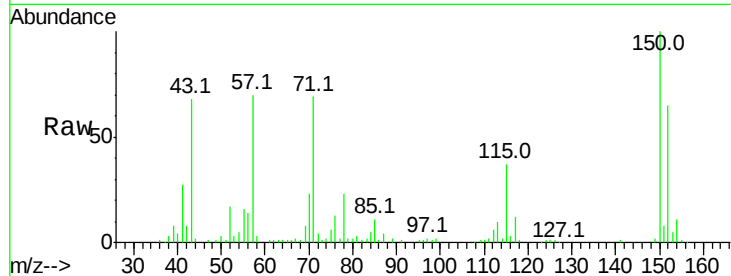
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	56.8	50.1	75.1

Manual Integrations
APPROVED

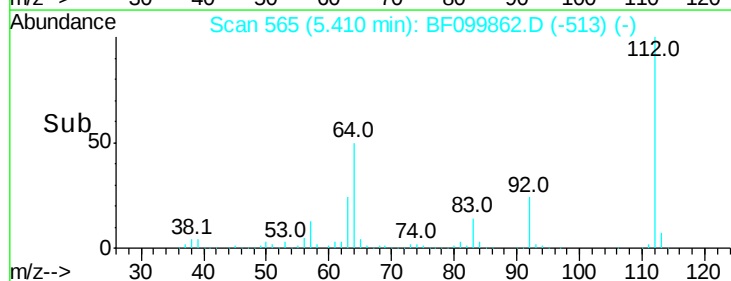
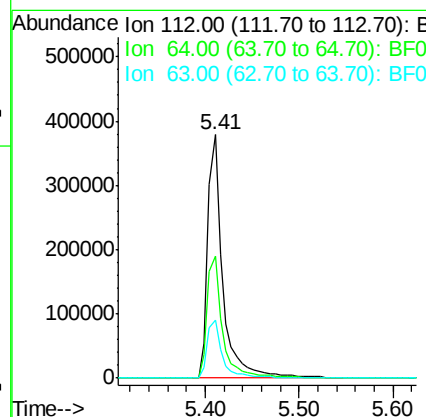
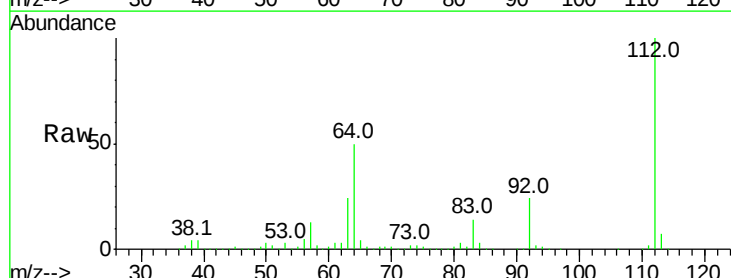
Sohil
10/27/2017 5:34:10 PM

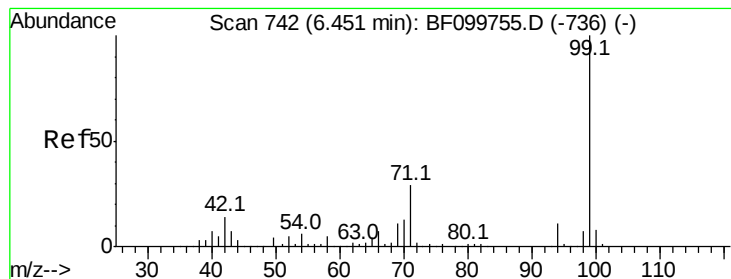


#5

2-Fluorophenol
Concen: 108.331 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	47.9	71.9
63	23.9	23.7	35.5





#7

Phenol-d6

Concen: 109.743 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

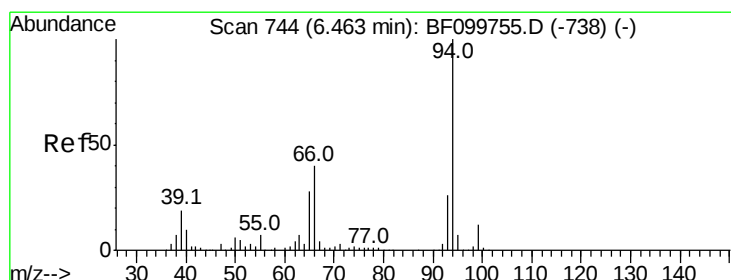
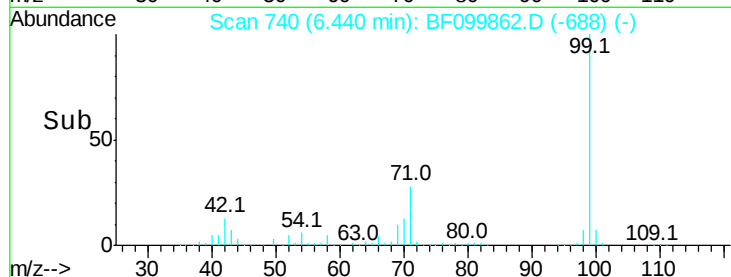
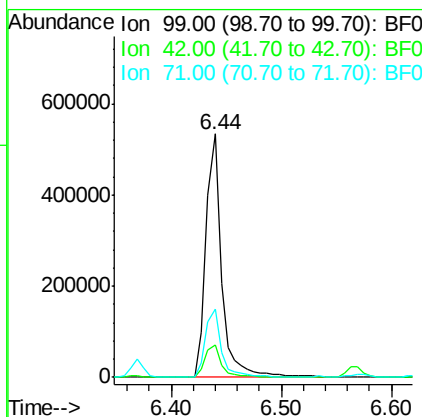
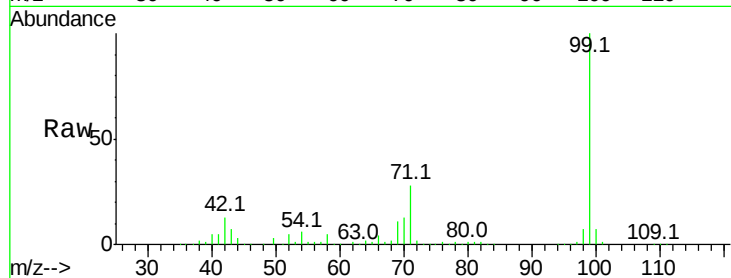
ClientSampleId :

SB-04

Tot Ion	Ratio	Resp	Lower	Upper
99	100	512338		
42	13.1		14.5	21.7#
71	27.9		25.4	38.0

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM



#10

Phenol

Concen: 4.994 ng

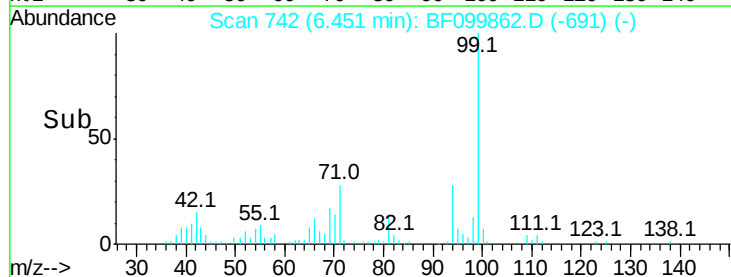
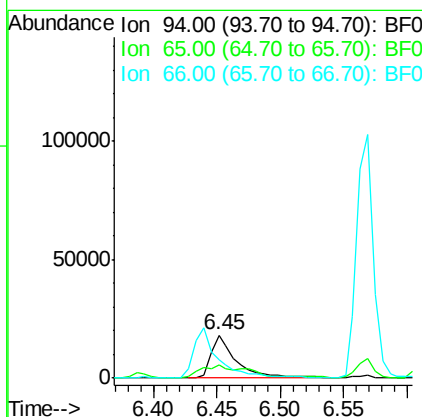
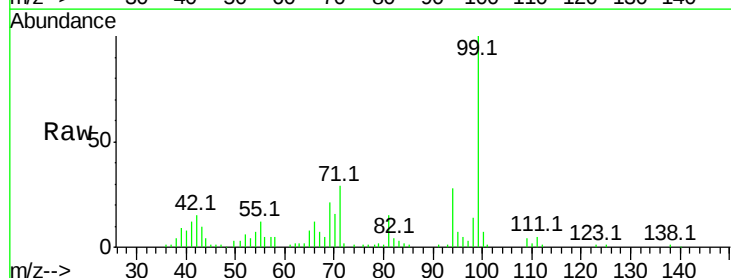
RT: 6.45 min Scan# 742

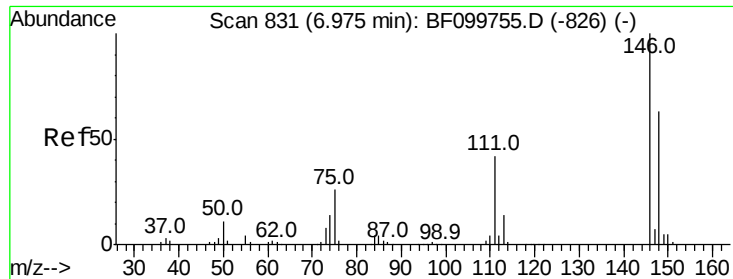
Delta R.T. 0.00 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	25596		
65	29.6		7.9	47.9
66	43.1		16.2	56.2





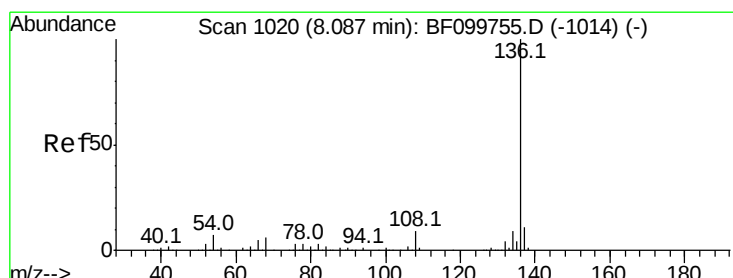
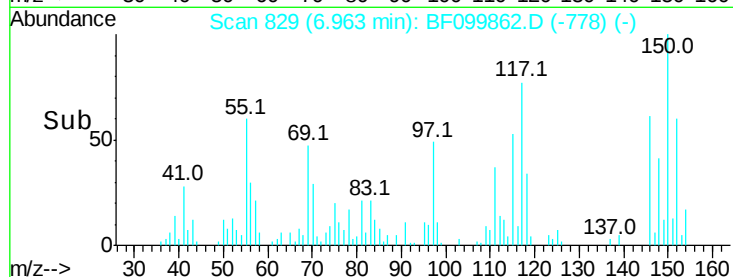
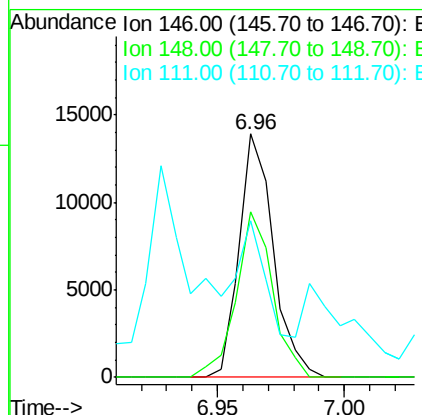
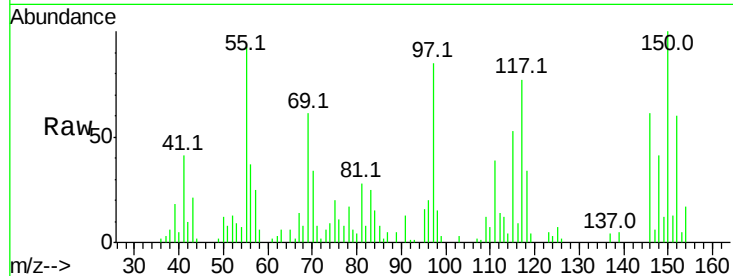
#14
1,2-Dichlorobenzene
Concen: 2.986 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.6	75.8
111	64.2	36.0	54.0

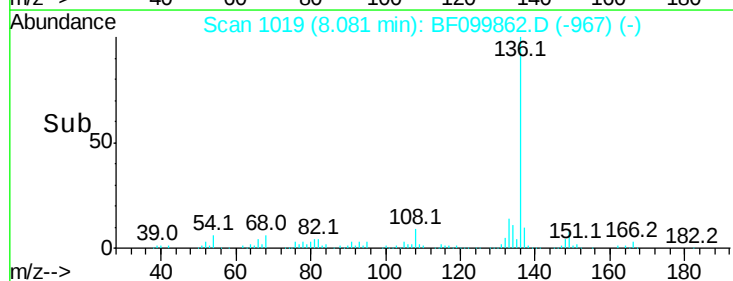
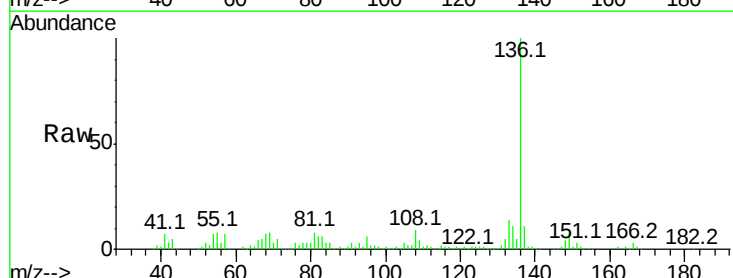
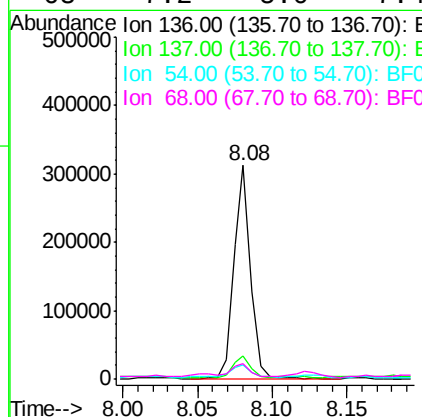
Manual Integrations
APPROVED

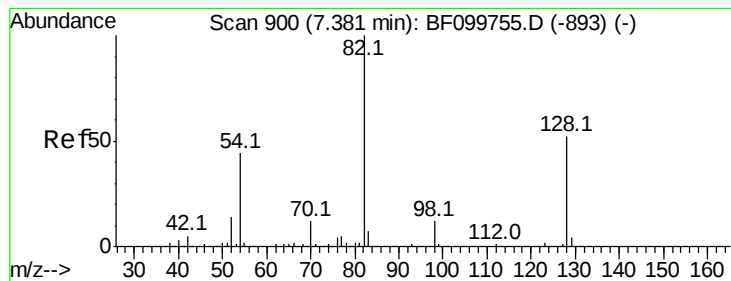
Sohil
10/27/2017 5:34:10 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	7.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 73.955 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

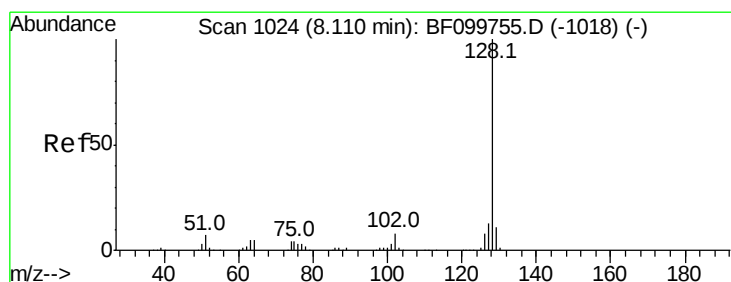
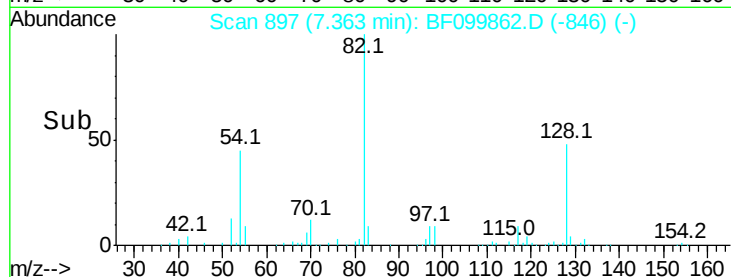
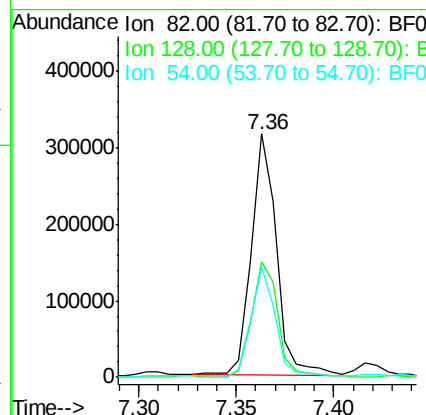
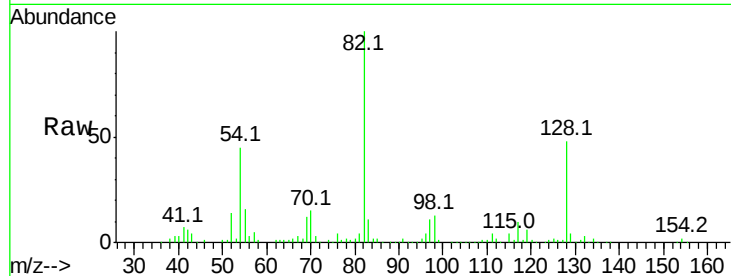
ClientSampled :

SB-04

Tot Ion	82	Resp	281781
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	45.5	41.4	62.2

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM



#31

Naphthalene

Concen: 4.421 ng

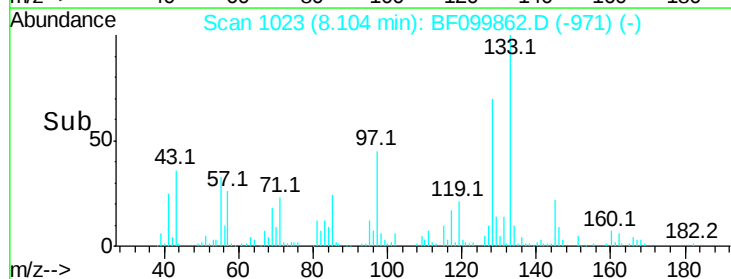
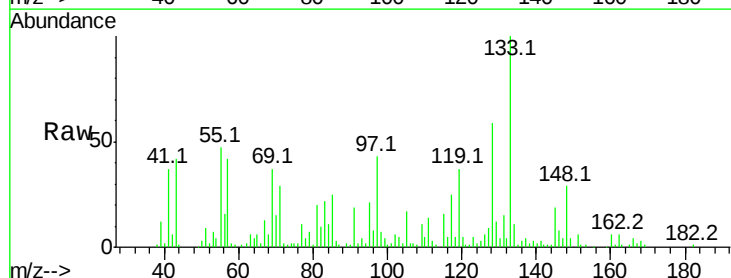
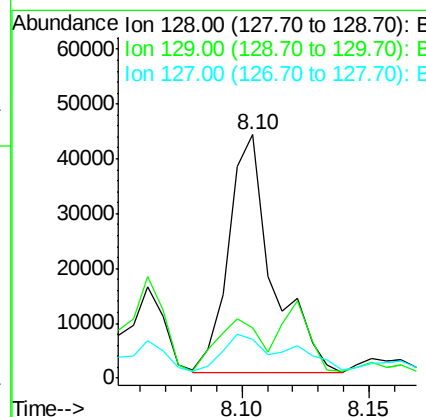
RT: 8.10 min Scan# 1023

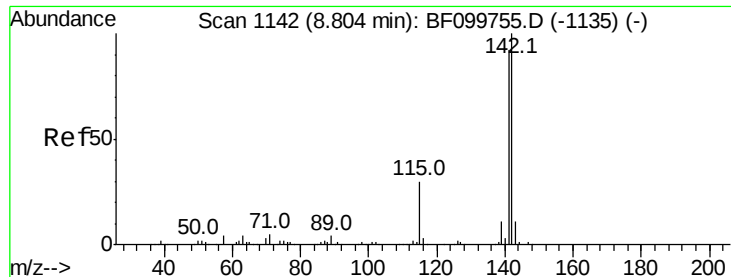
Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion	128	Resp	52346
Ion Ratio	Lower	Upper	
128	100		
129	20.8	8.8	13.2#
127	16.1	10.9	16.3





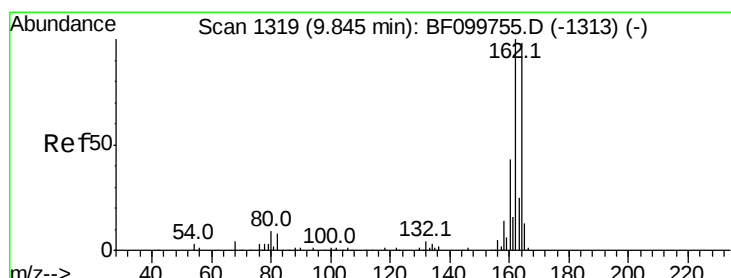
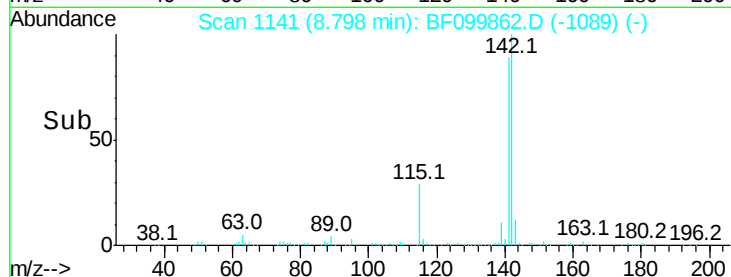
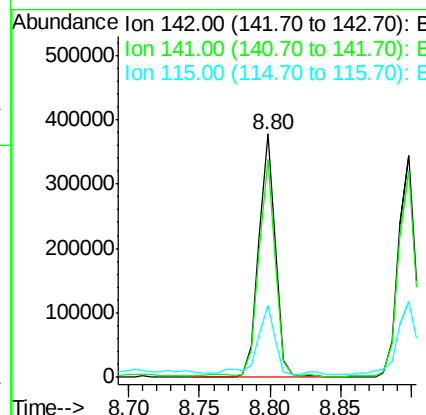
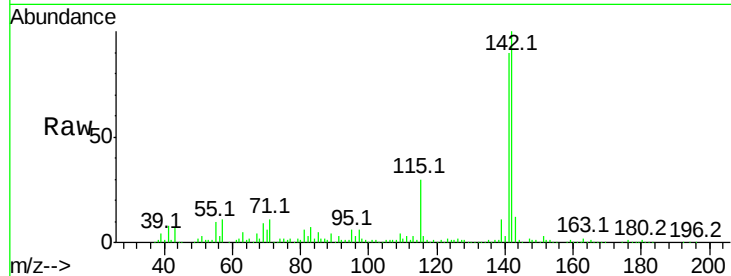
#37
2-Methylnaphthalene
Concen: 39.110 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	29.7	26.1	39.1

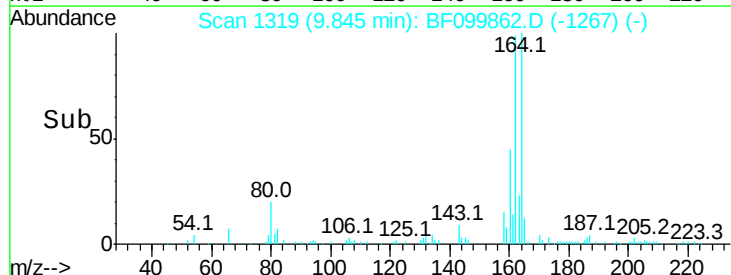
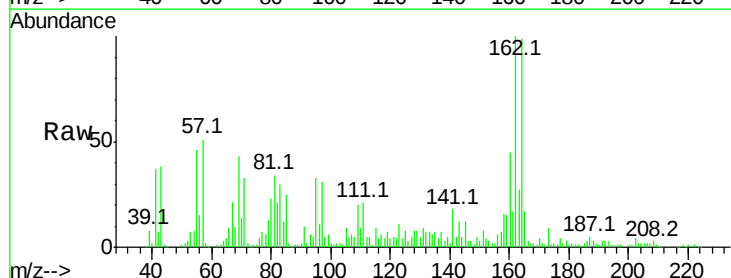
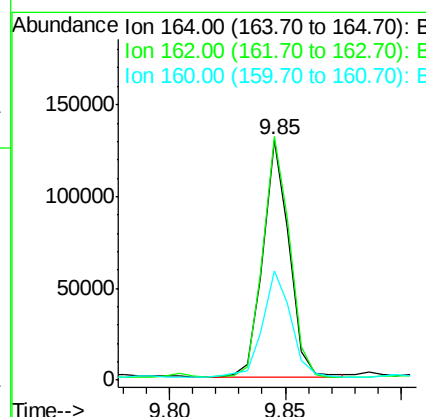
Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.3	38.3	57.5





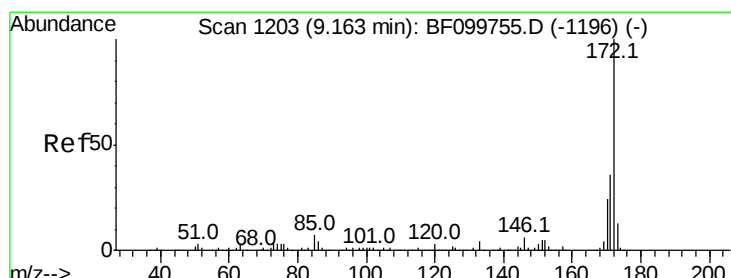
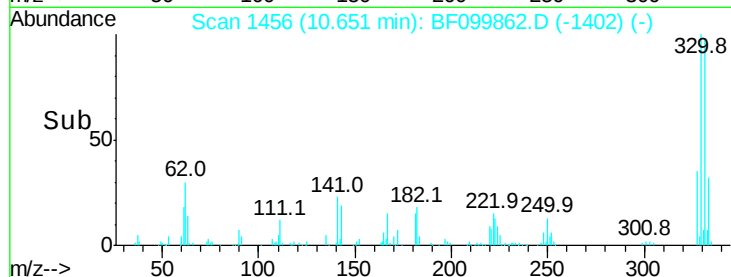
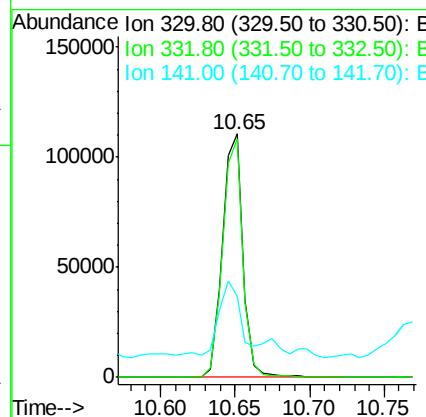
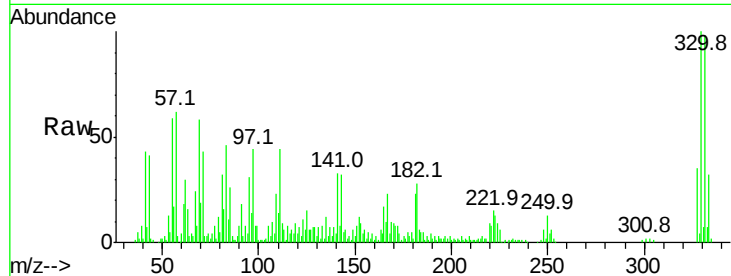
#41
 2,4,6-Tribromophenol
 Concen: 114.311 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.02 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Instrument :
 BNA_F
 ClientSampled :
 SB-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100	106593		
332	97.0	77.0	115.6	
141	30.3	29.9	44.9	

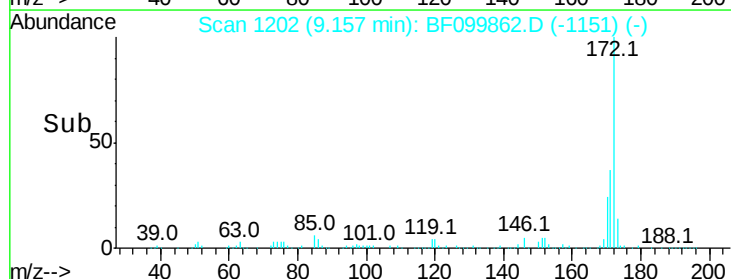
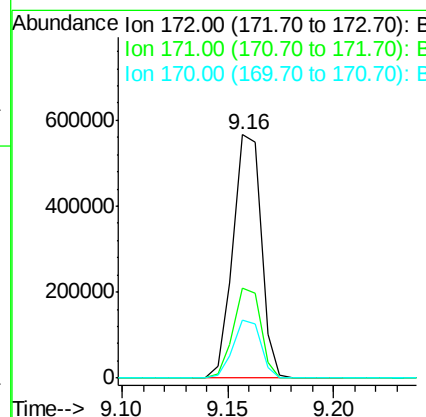
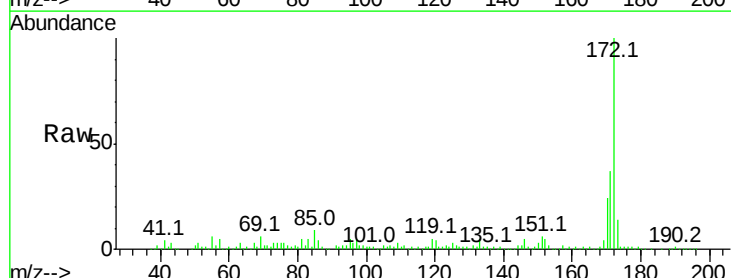
Manual Integrations
 APPROVED

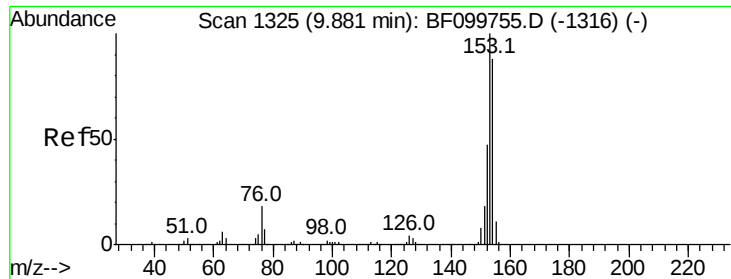
Sohil
 10/27/2017 5:34:10 PM



#44
 2-Fluorobiphenyl
 Concen: 78.484 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	520516		
171	36.9	29.7	44.5	
170	23.8	19.6	29.4	





#51

Acenaphthene

Concen: 3.975 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

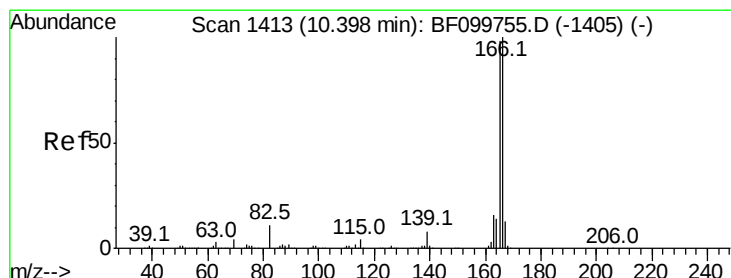
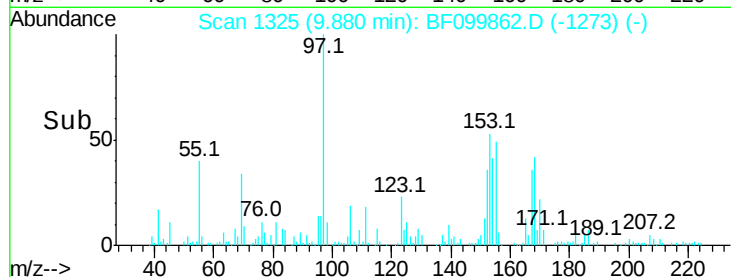
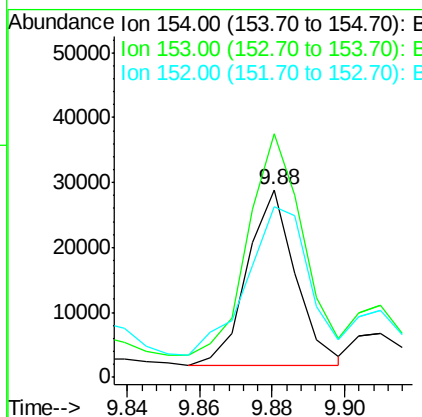
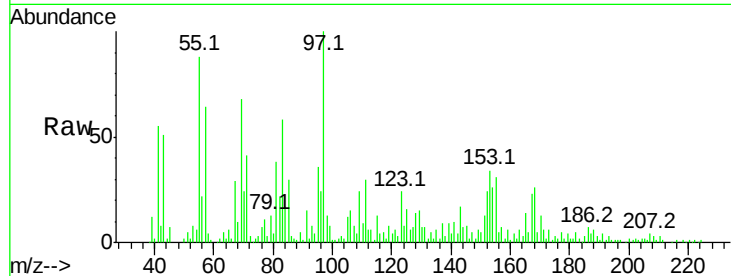
ClientSampled :

SB-04

Tot Ion	Ratio	Lower	Upper
154	100		
153	129.7	91.2	136.8
152	91.2	43.8	65.8

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM



#57

Fluorene

Concen: 8.921 ng

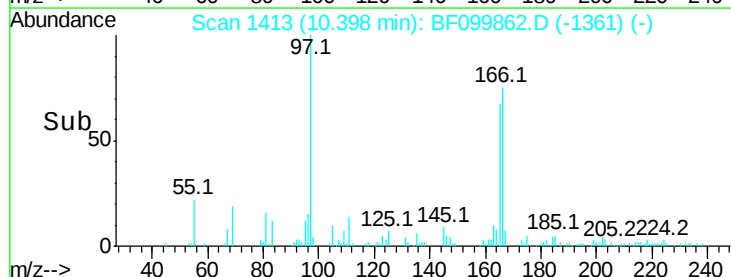
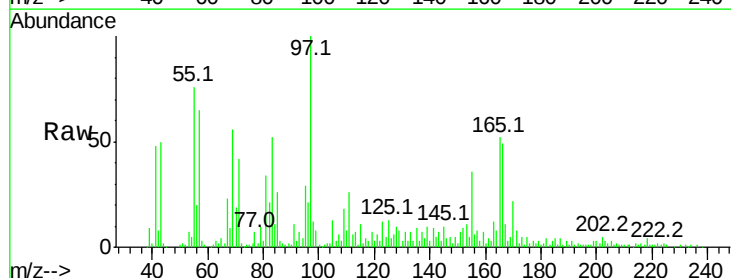
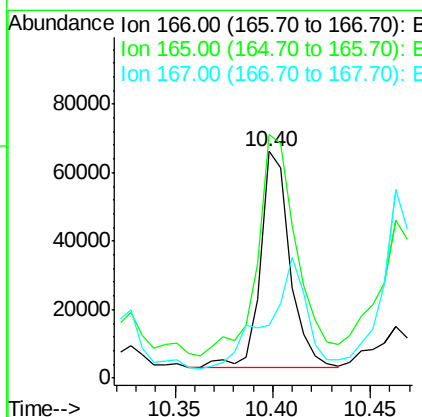
RT: 10.40 min Scan# 1413

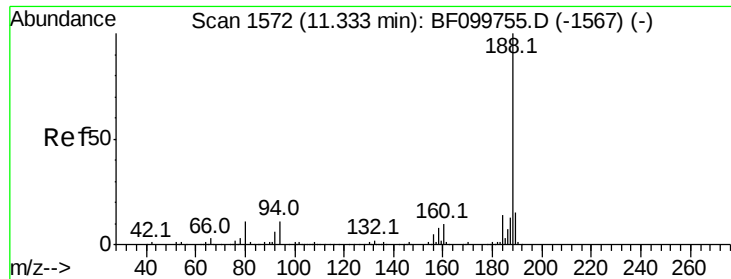
Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.5	79.8	119.8
167	23.3	10.6	16.0





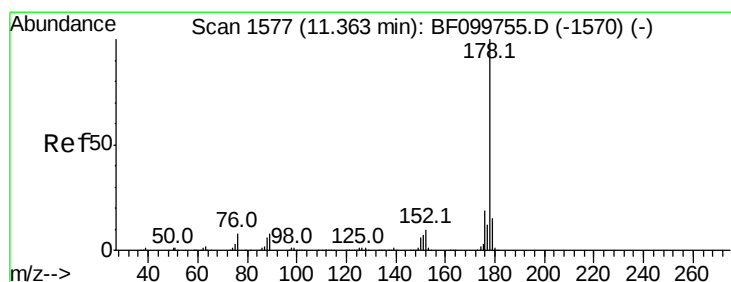
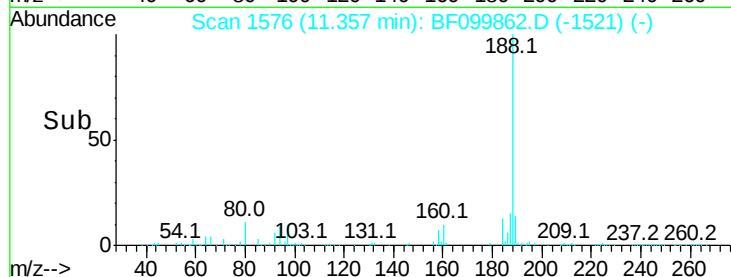
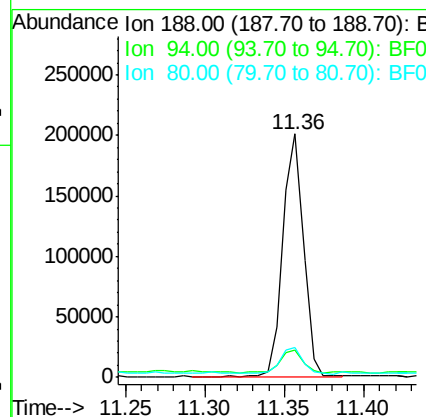
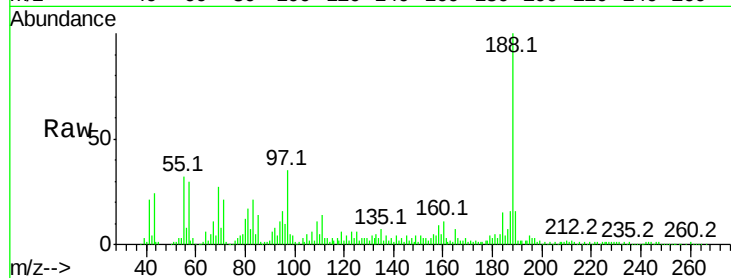
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Resp	Lower	Upper
188	100	181061		
94	11.2	8.5	12.7	
80	12.4	9.2	13.8	

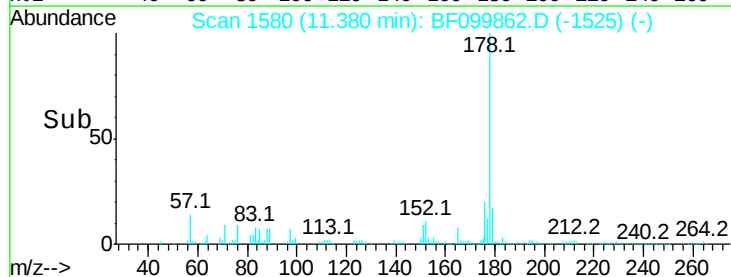
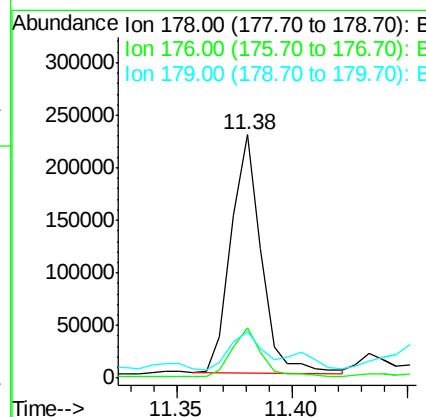
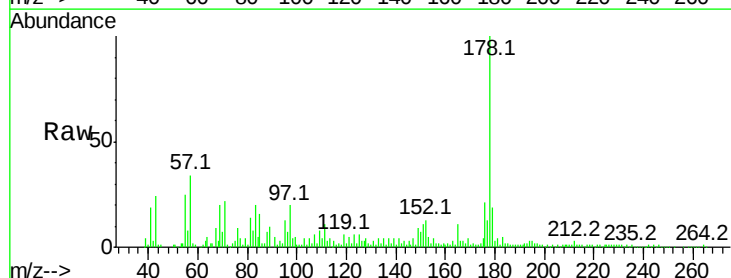
Manual Integrations
APPROVED

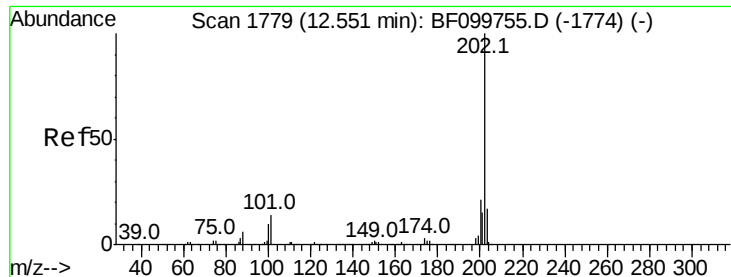
Sohil
10/27/2017 5:34:10 PM



#70
Phenanthrene
Concen: 20.307 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	207498		
176	20.6	15.8	23.8	
179	18.9	13.0	19.6	





#74

Fluoranthene

Concen: 4.864 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.02 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

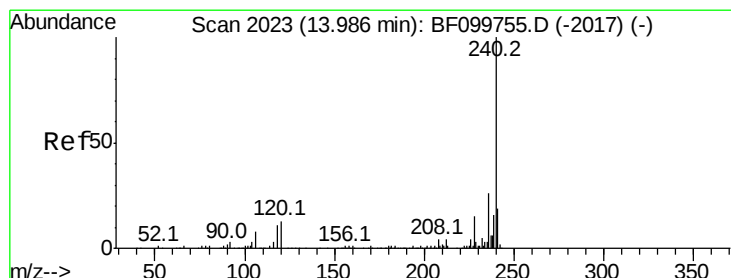
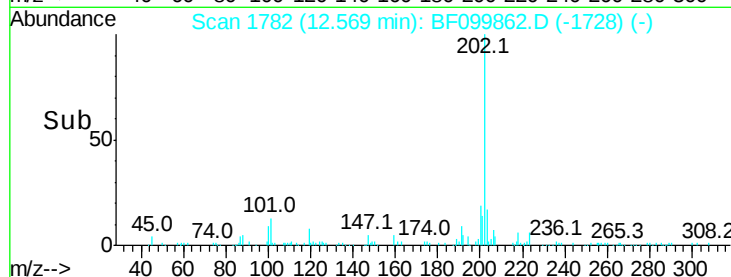
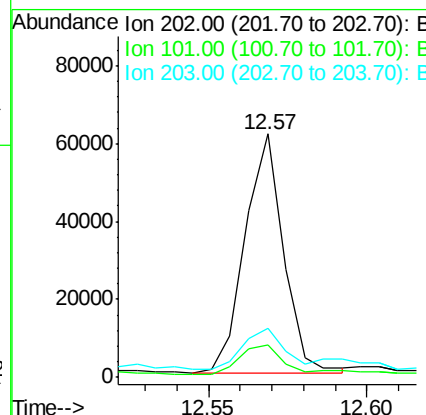
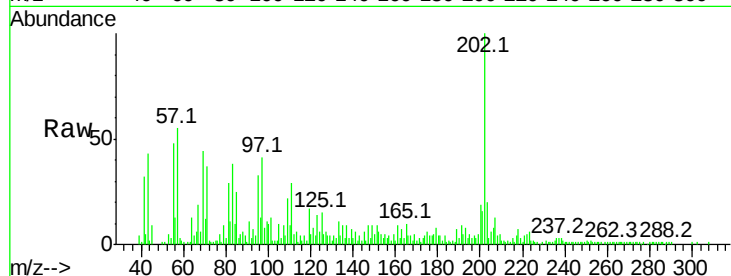
ClientSampled :

SB-04

Tot Ion:	202	Resp:	51649
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	20.0	0.0	38.1

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM



#75

Chrysene-d12

Concen: 20.000 ng

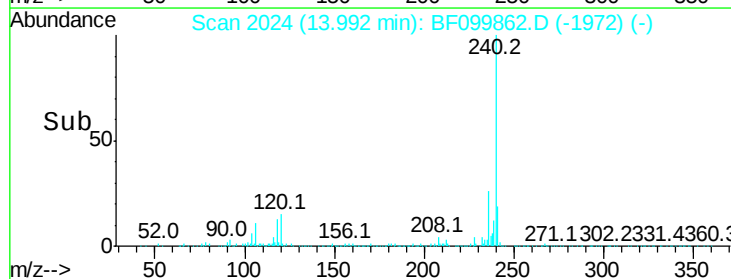
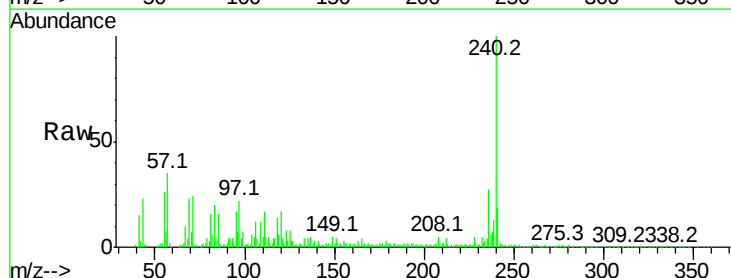
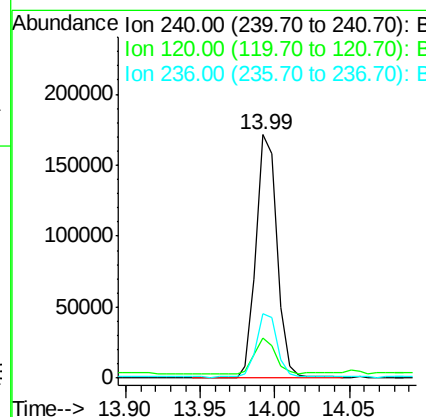
RT: 13.99 min Scan# 2024

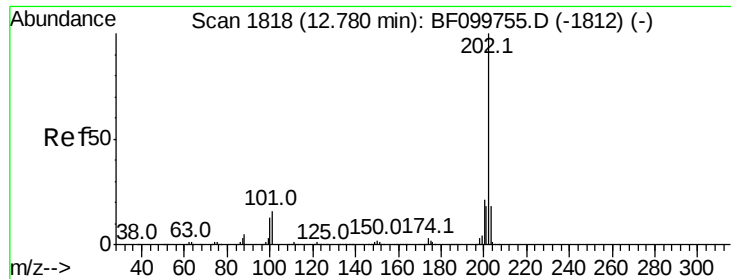
Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion:	240	Resp:	168186
Ion Ratio	Lower	Upper	
240	100		
120	16.7	9.5	14.3#
236	26.5	20.7	31.1





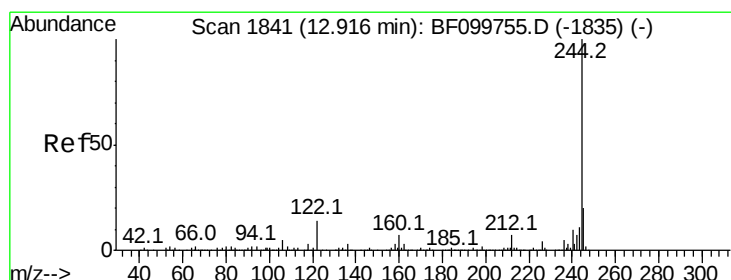
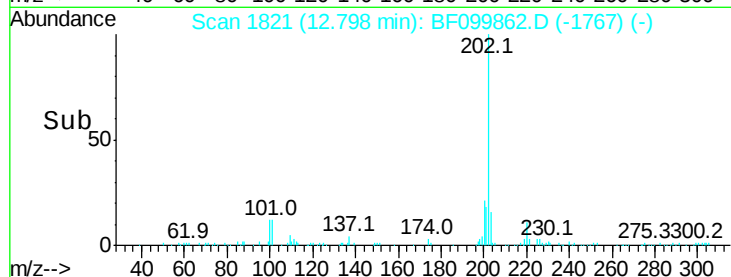
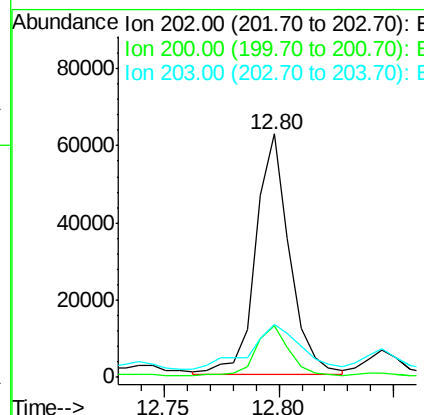
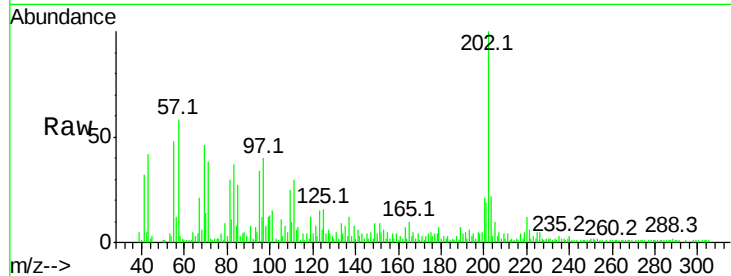
#77
Pvrene
Concen: 4.992 ng/mL
RT: 12.80 min Scan# 1821
Delta R.T. 0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	21.5	14.3	21.5#

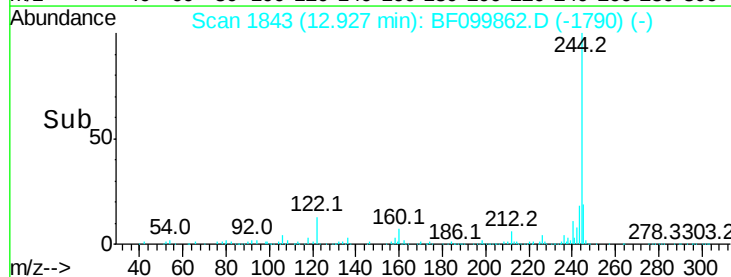
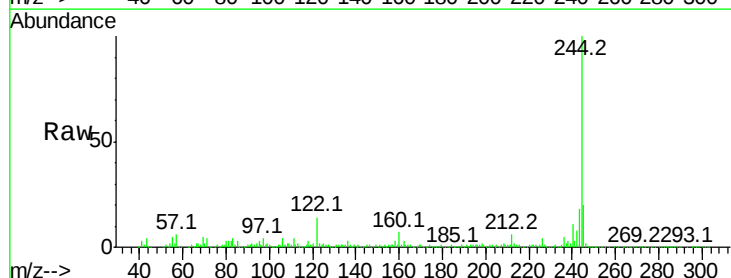
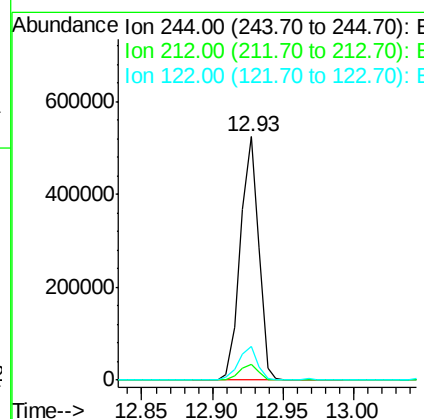
Manual Integrations
APPROVED

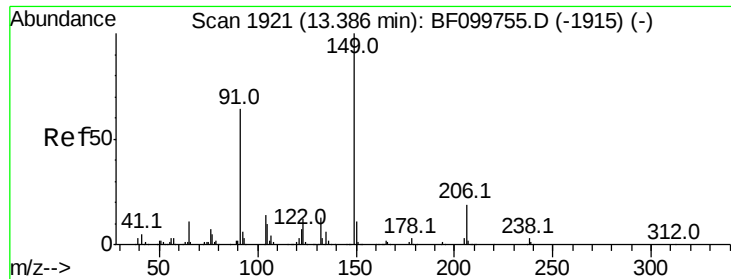
Sohil
10/27/2017 5:34:10 PM



#78
Terphenyl-d14
Concen: 61.550 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.7	11.0	16.4





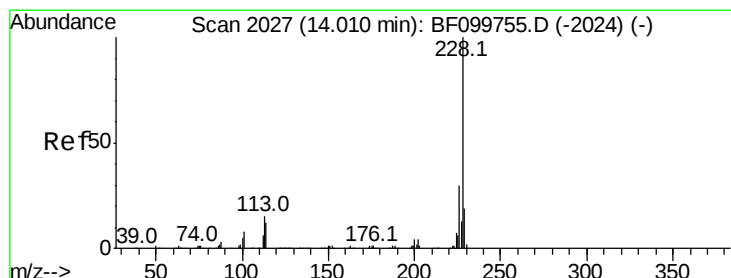
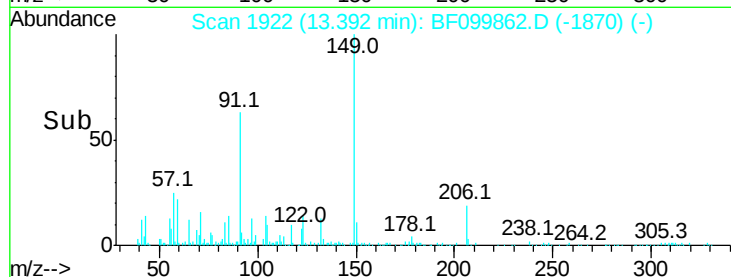
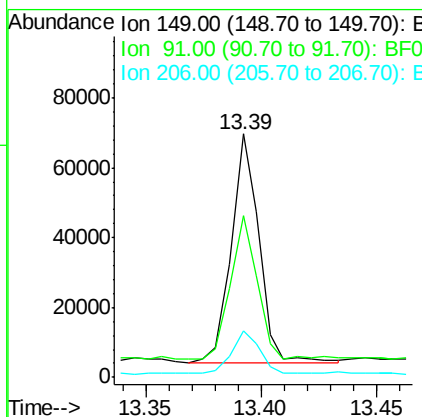
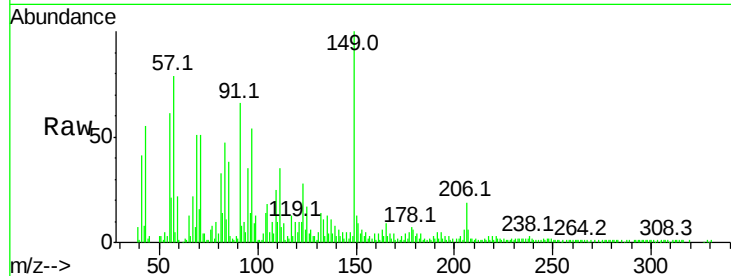
#79
Butylbenzylphthalate
Concen: 8.627 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100	54330		
91	66.4	56.8	85.2	
206	19.2	14.1	21.1	

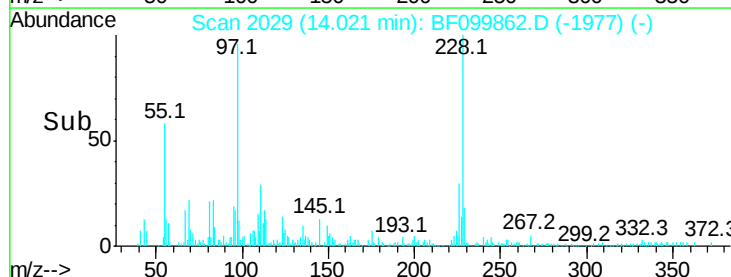
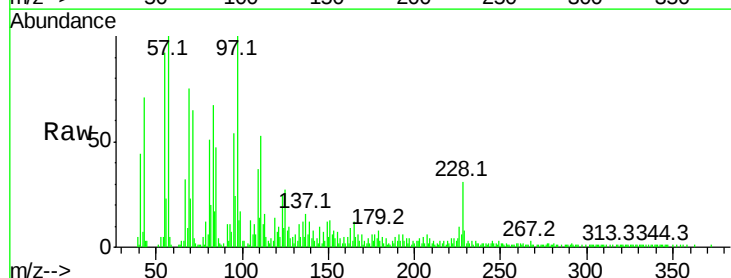
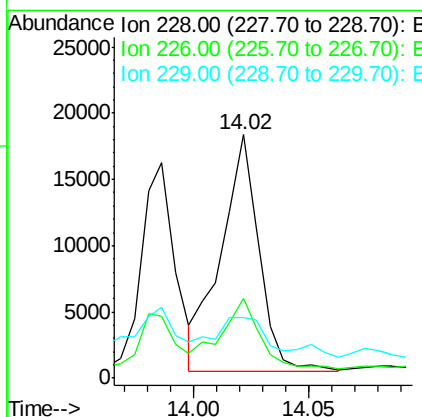
Manual Integrations
APPROVED

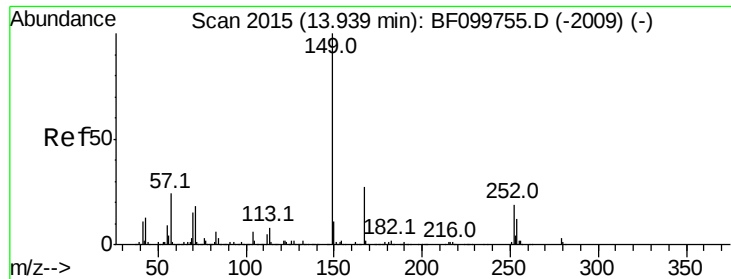
Sohil
10/27/2017 5:34:10 PM



#82
Chrysene
Concen: 2.040 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20450		
226	32.7	25.0	37.6	
229	24.7	16.2	24.4	





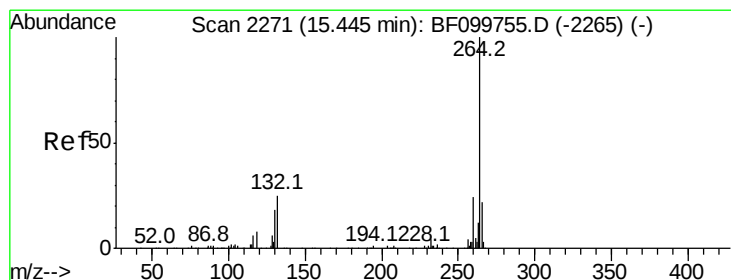
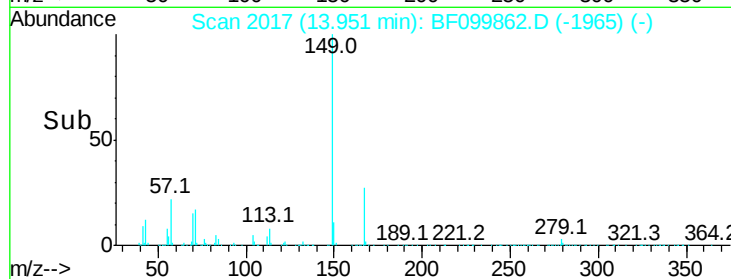
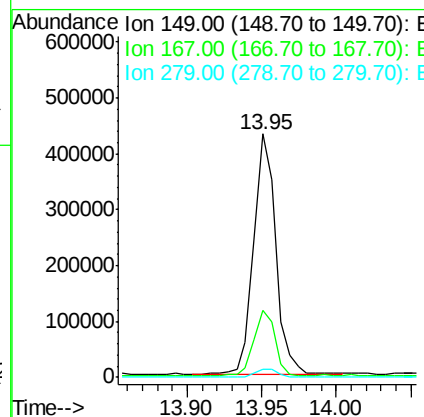
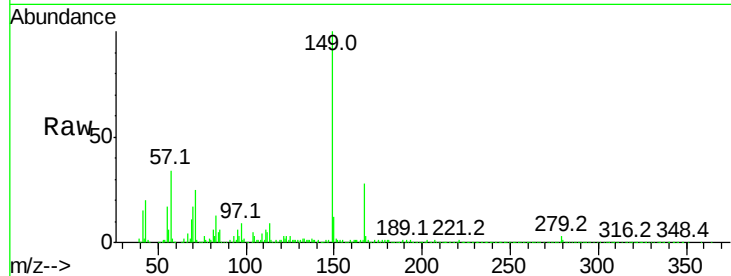
#83
Bis(2-ethylhexyl)phthalate
Concen: 49.673 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :
SB-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.5	21.3	31.9	
279	3.1	3.0	4.4	

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:10 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.2	28.8	
265	20.9	17.5	26.3	

