

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098349.D
 Acq On : 8 Sep 2017 14:38
 Operator : SJ/JU
 Sample : I5110-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

Sohil
 9/11/2017 4:47:31 PM

Quant Time: Sep 08 15:16:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96676	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	384548	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	178977	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	338846	20.00	ng	0.00
75) Chrysene-d12	13.83	240	209718	20.00	ng	0.00
86) Perylene-d12	15.24	264	189296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	764598	120.30	ng	0.02
7) Phenol-d6	6.33	99	1045541	121.07	ng	0.00
23) Nitrobenzene-d5	7.25	82	619712	87.55	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	226394	145.79	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	960146	78.82	ng	0.00
78) Terphenyl-d14	12.79	244	721179	71.71	ng	0.00
Target Compounds						
10) Phenol	6.35	94	36952	3.659	ng	88
49) Dimethylphthalate	9.44	163	117535	8.984	ng	98
70) Phenanthrene	11.22	178	39132	2.167	ng	99
74) Fluoranthene	12.40	202	66328	3.519	ng	98
77) Pyrene	12.63	202	56629	3.301	ng	97
87) Benzo(b)fluoranthene	14.84	252	28119m	2.357	ng	

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

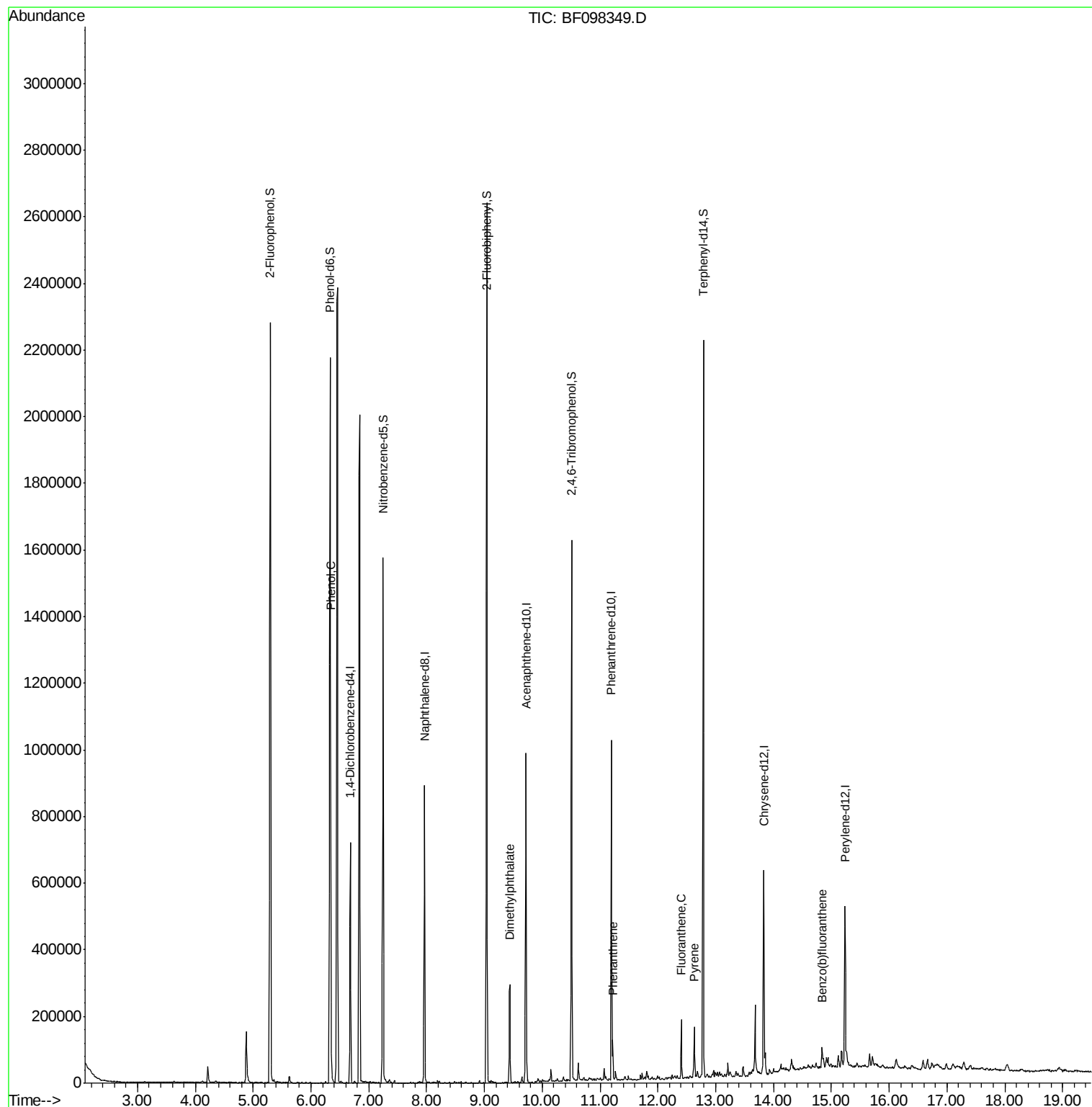
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098349.D
Acq On : 8 Sep 2017 14:38
Operator : SJ/JU
Sample : I5110-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

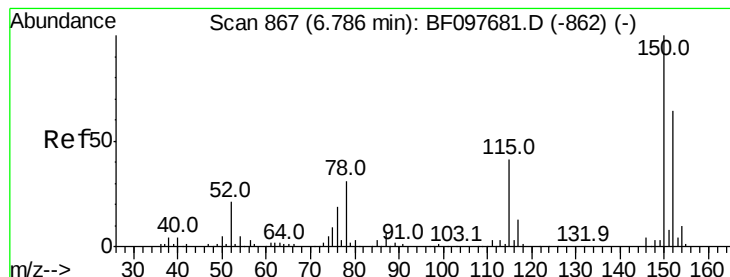
Instrument :
BNA_F
ClientSampleId :
SP-1

Manual Integrations
APPROVED

Sohil
9/11/2017 4:47:31 PM

Quant Time: Sep 08 15:16:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 15:02:28 2017
Response via : Initial Calibration





#1

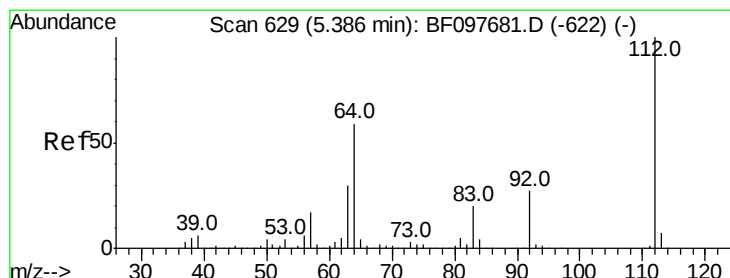
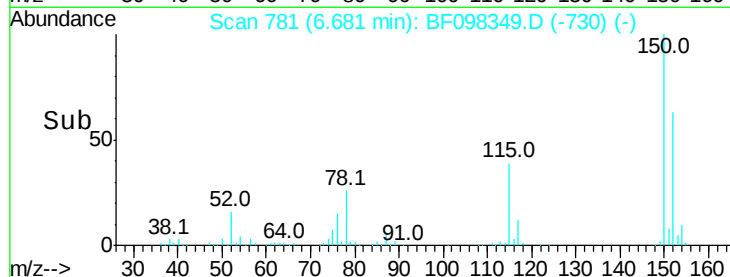
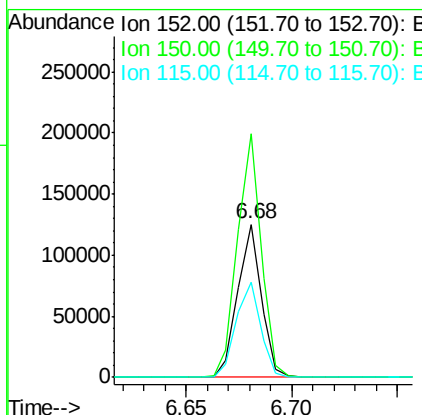
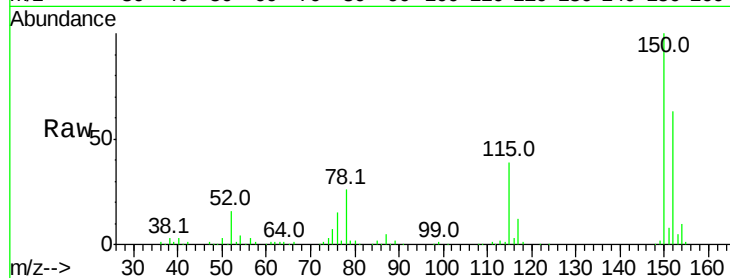
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF098349.D
 Acq: 8 Sep 2017 14:38

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	62.2	52.2	78.2

Manual Integrations
 APPROVED

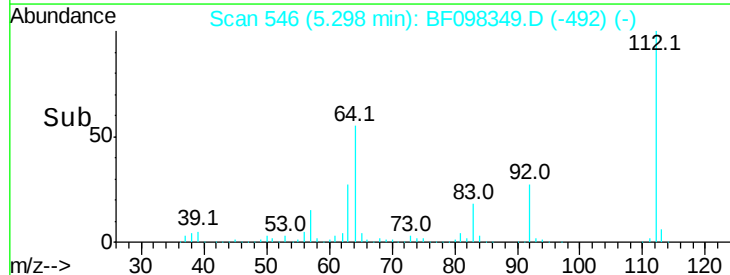
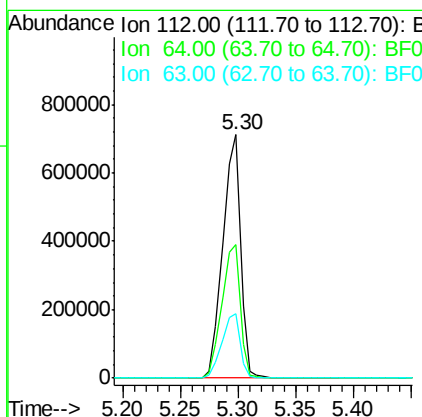
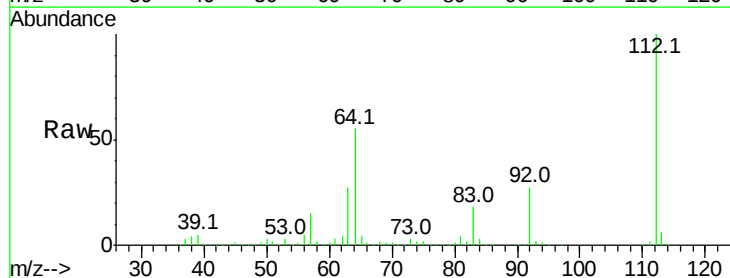
Sohil
 9/11/2017 4:47:31 PM



#5

2-Fluorophenol
 Concen: 120.300 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.02 min
 Lab File: BF098349.D
 Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.7	23.4	35.0





#7

Phenol-d6

Concen: 121.072 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF098349.D

Acq: 8 Sep 2017 14:38

Instrument :

BNA_F

ClientSampled :

SP-1

Tot Ion: 99 Resp: 1045541

Ion Ratio Lower Upper

99 100

42 13.8 13.5 20.3

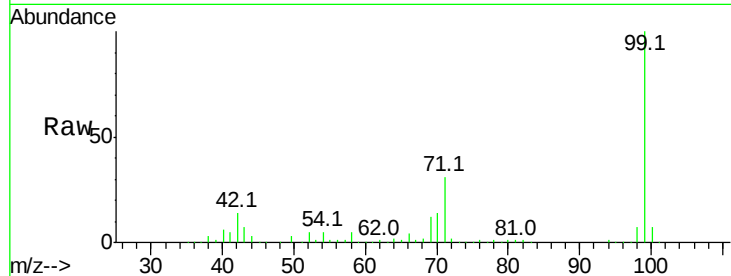
71 31.4 24.5 36.7

Manual Integrations

APPROVED

Sohil

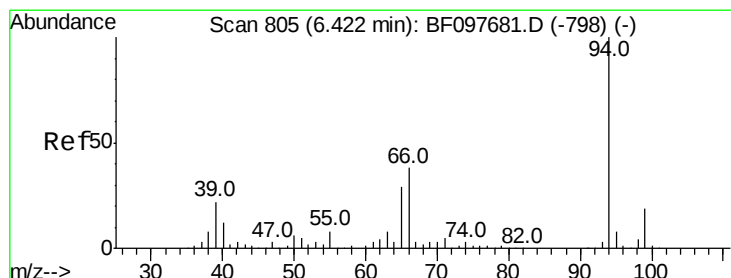
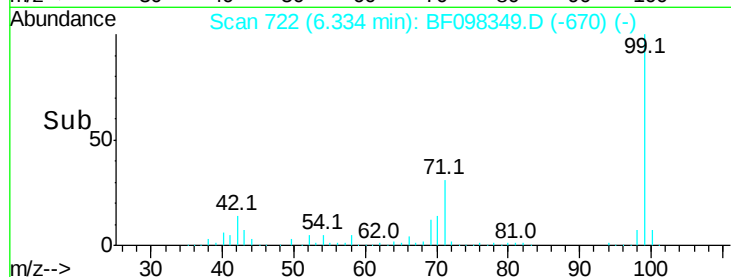
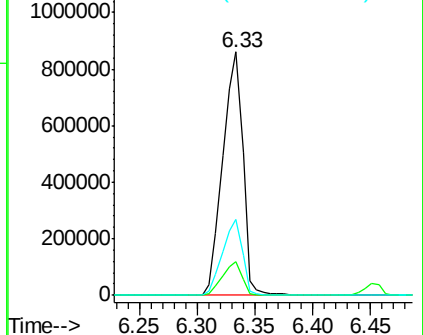
9/11/2017 4:47:31 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.659 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF098349.D

Acq: 8 Sep 2017 14:38

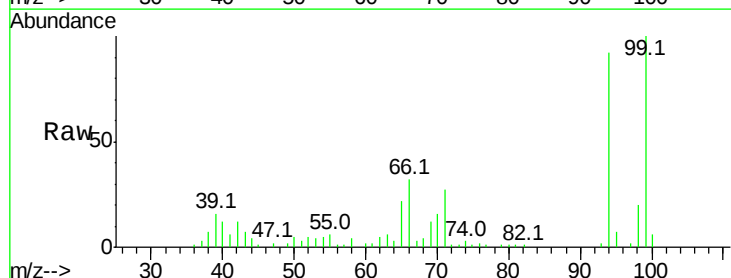
Tgt Ion: 94 Resp: 36952

Ion Ratio Lower Upper

94 100

65 23.8 9.9 49.9

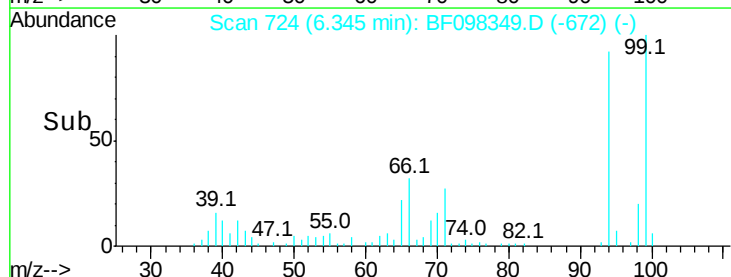
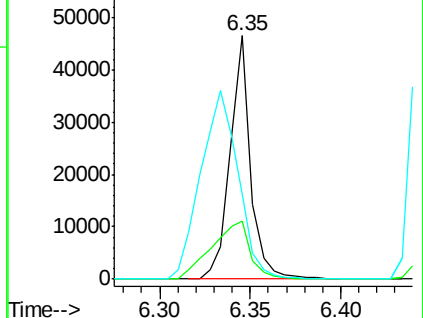
66 34.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





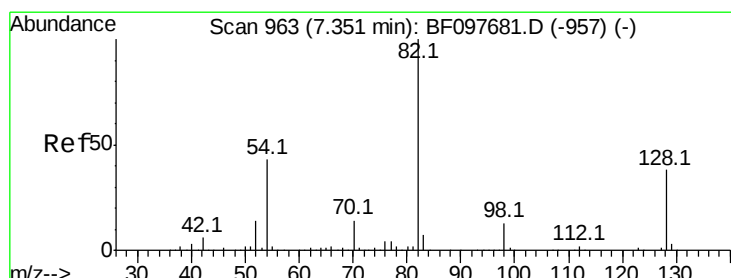
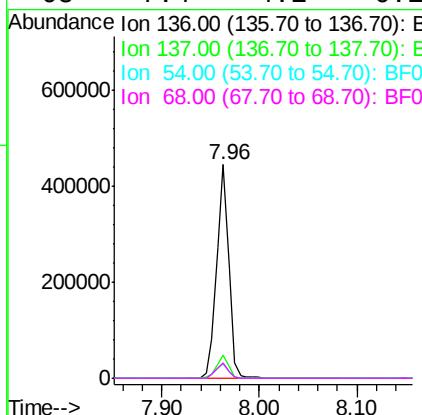
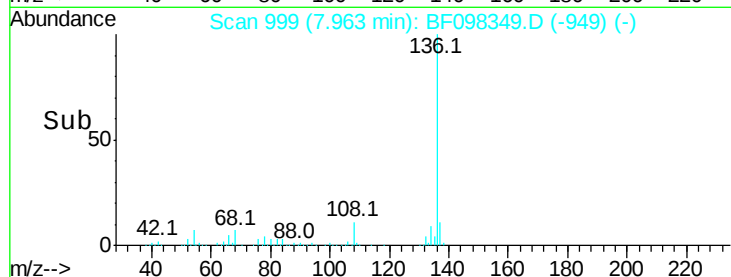
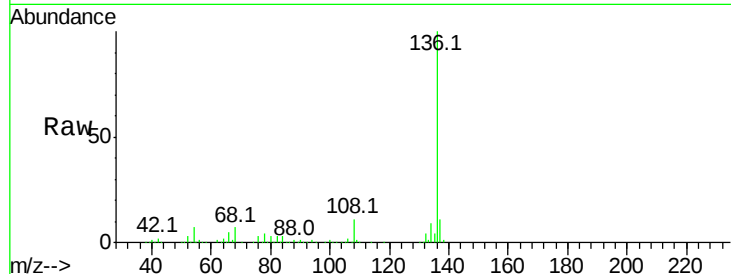
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	6.9	4.9	7.3	
68	7.4	4.1	6.1	

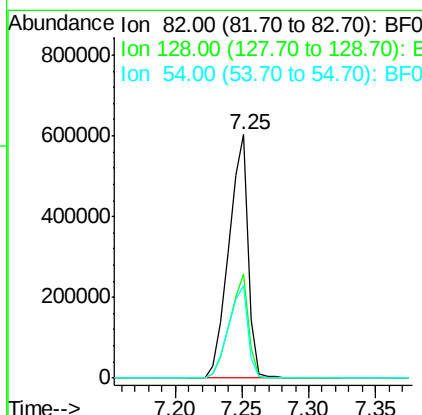
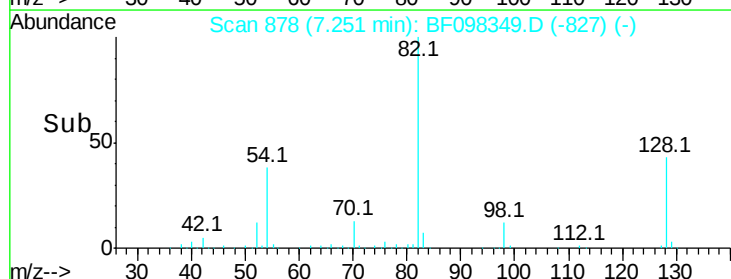
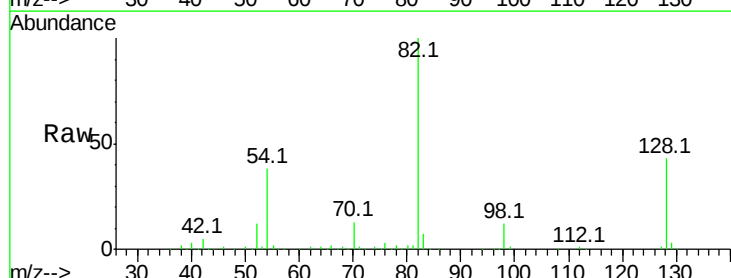
Manual Integrations
APPROVED

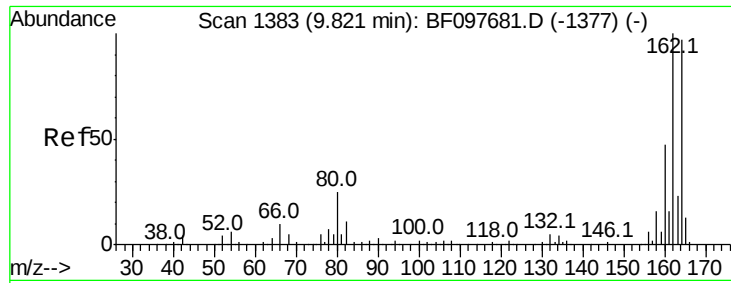
Sohil
9/11/2017 4:47:31 PM



#23
Nitrobenzene-d5
Concen: 87.546 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.0	51.0	
54	38.0	42.2	63.2	





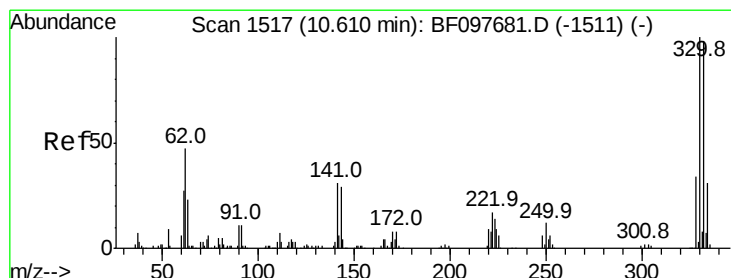
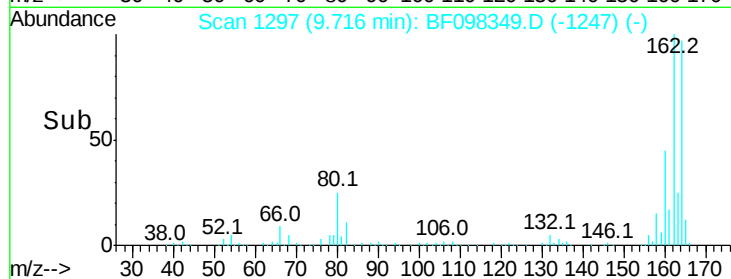
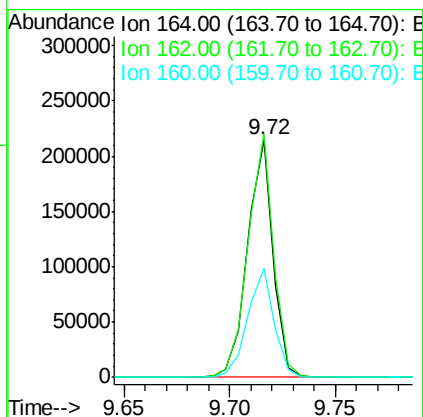
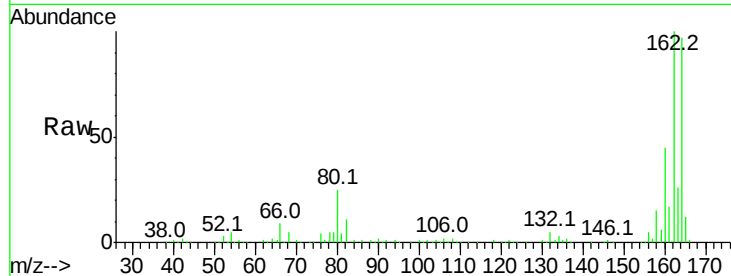
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	178977		
162	102.6	82.6	123.8	
160	46.0	36.2	54.2	

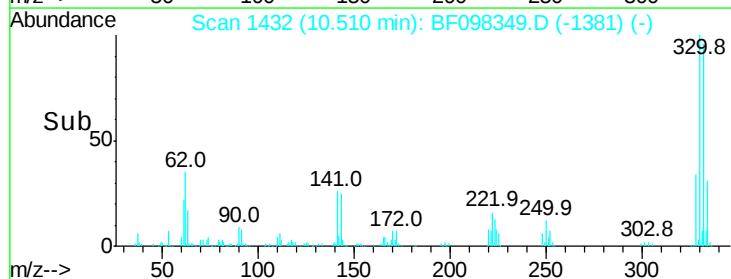
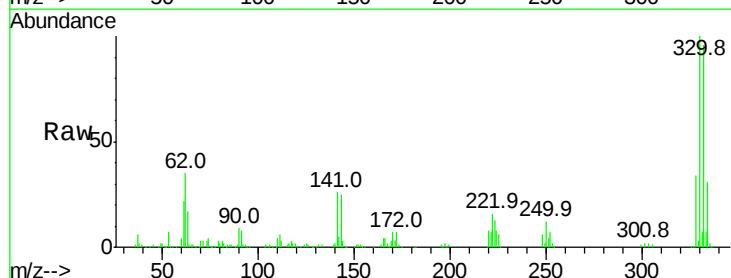
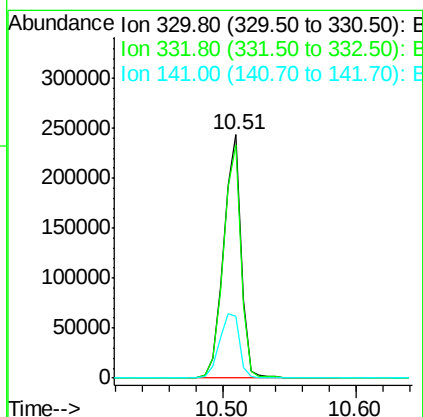
Manual Integrations
APPROVED

Sohil
9/11/2017 4:47:31 PM



#41
2,4,6-Tribromophenol
Concen: 145.786 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	226394		
332	97.1	76.6	115.0	
141	30.6	31.4	47.2	





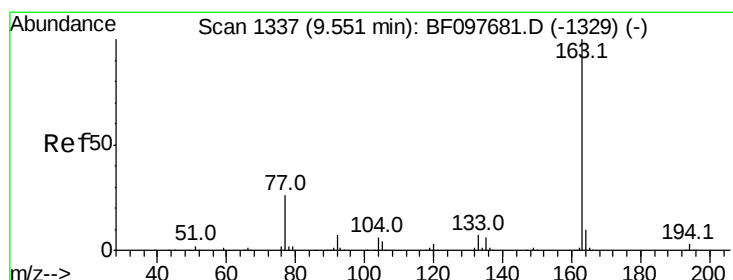
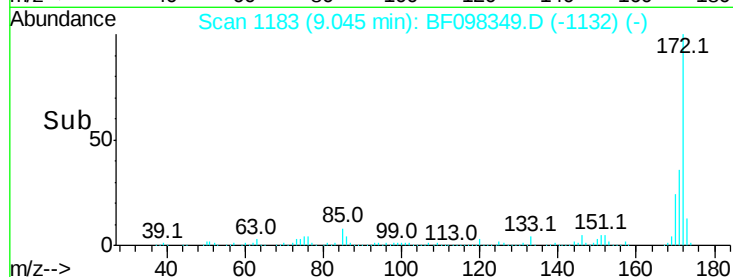
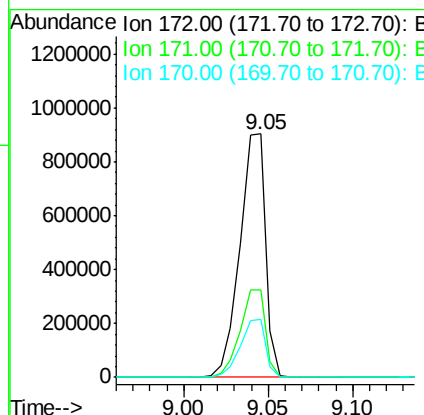
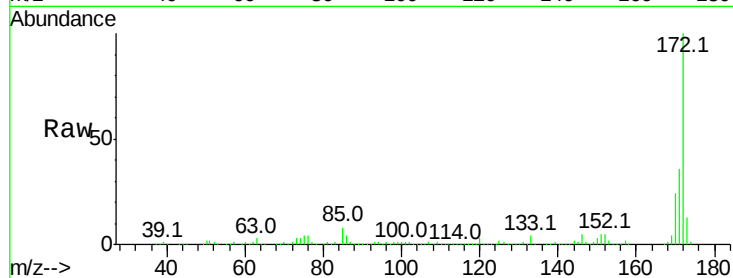
#44
2-Fluorobiphenyl
Concen: 78.817 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	960146		
171	35.7		29.6	44.4
170	23.6		19.8	29.8

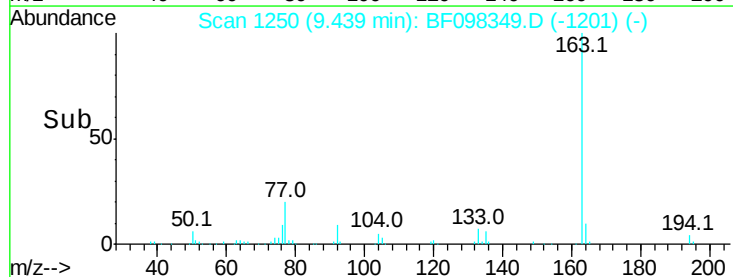
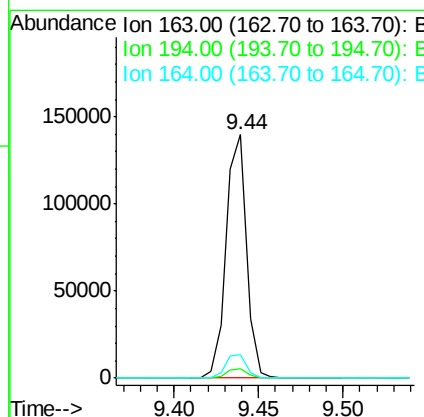
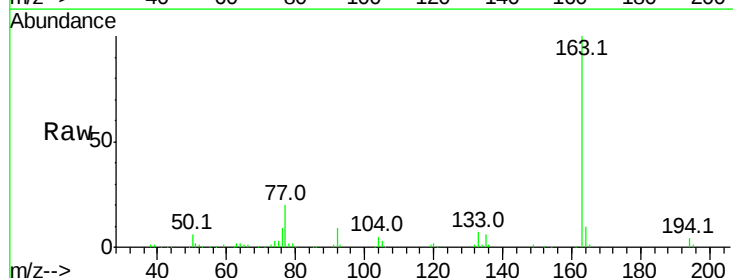
Manual Integrations
APPROVED

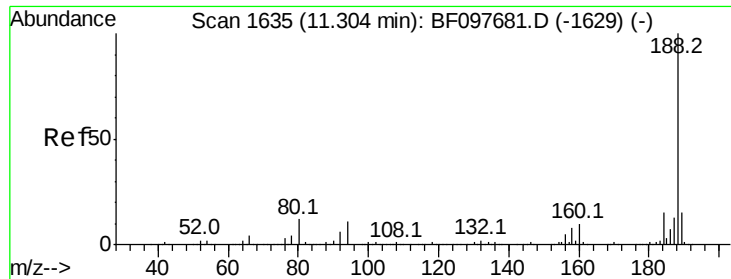
Sohil
9/11/2017 4:47:31 PM



#49
Dimethylphthalate
Concen: 8.984 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	117535		
194	3.7		2.6	4.0
164	9.8		8.4	12.6





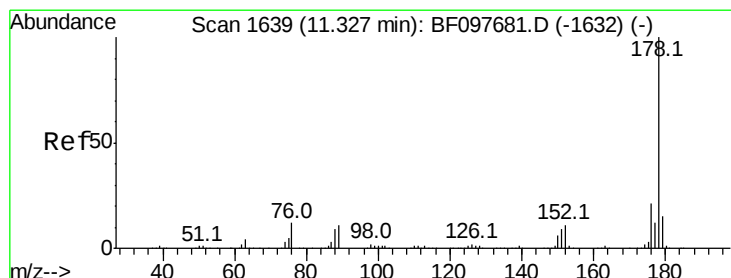
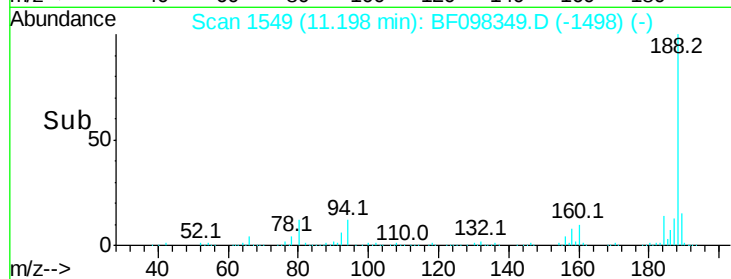
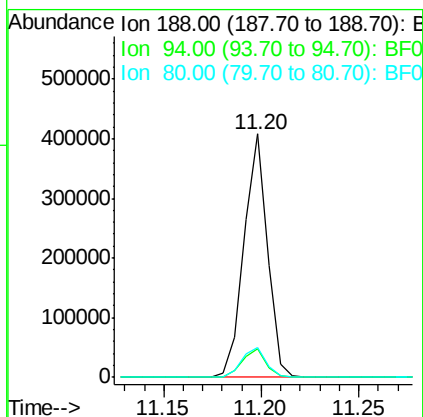
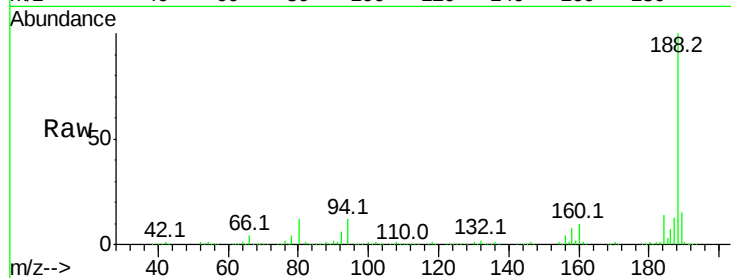
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.0	9.4	14.2	
80	12.3	10.2	15.2	

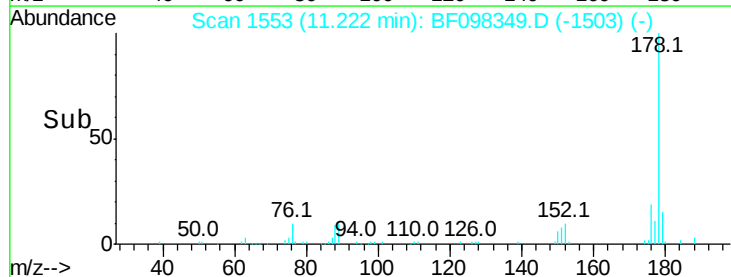
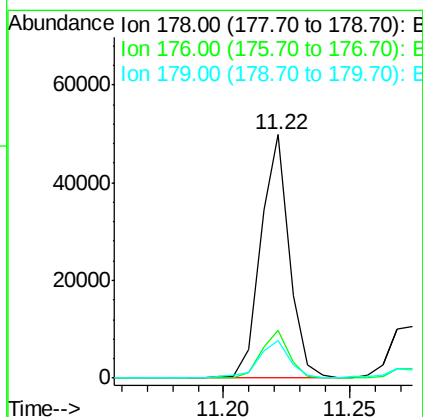
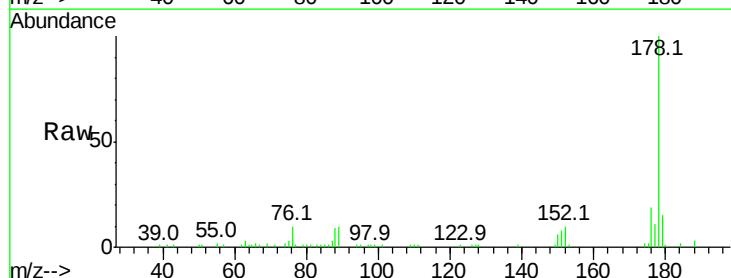
Manual Integrations
APPROVED

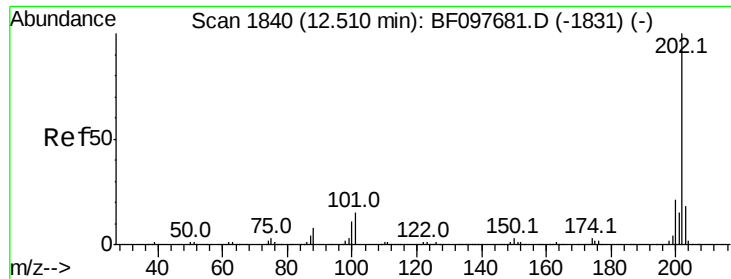
Sohil
9/11/2017 4:47:31 PM



#70
Phenanthrene
Concen: 2.167 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	16.2	24.4	
179	15.4	12.6	19.0	





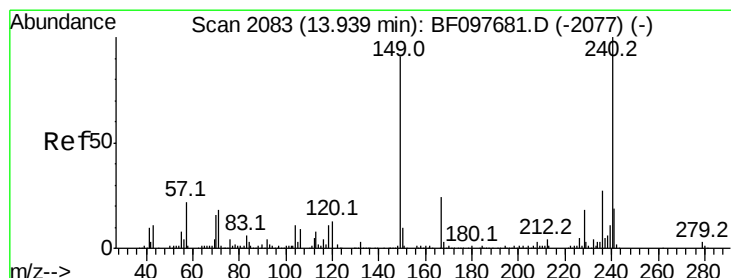
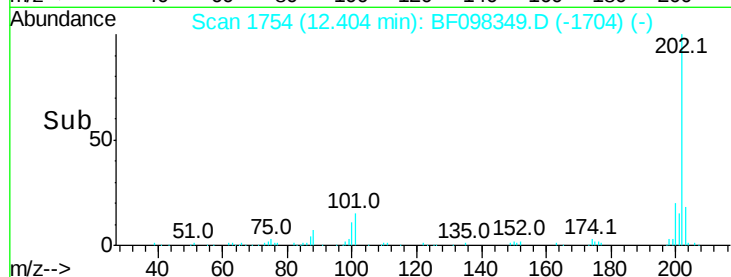
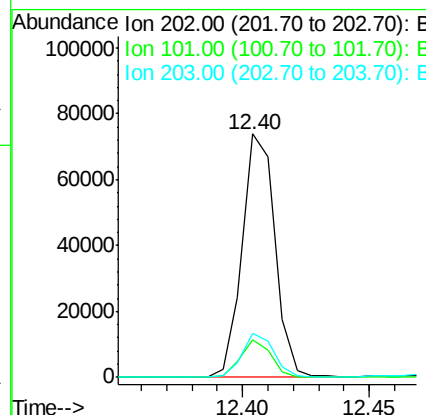
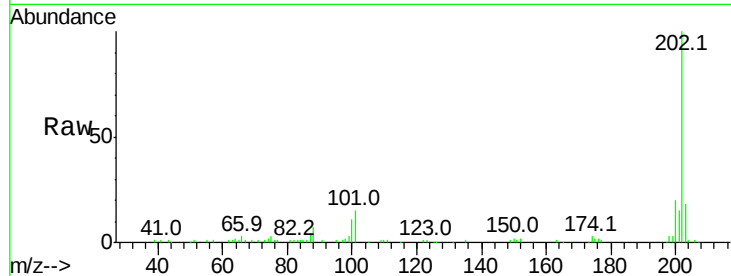
#74
Fluoranthene
Concen: 3.519 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	0.0	33.2
203	18.1	0.0	38.1

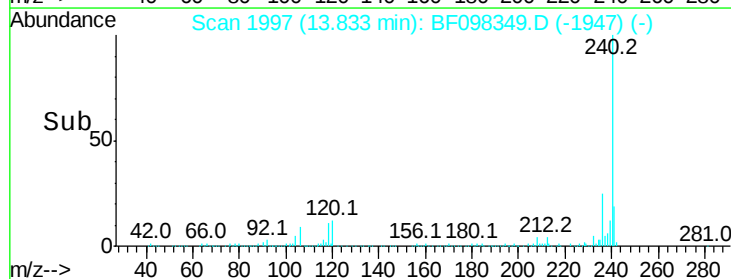
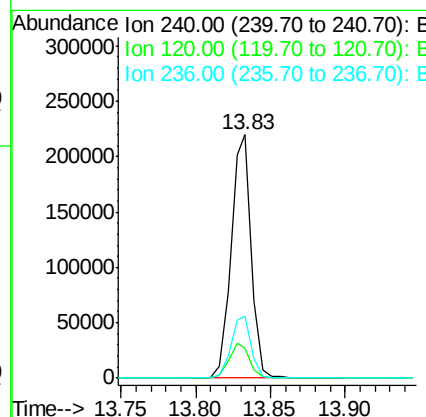
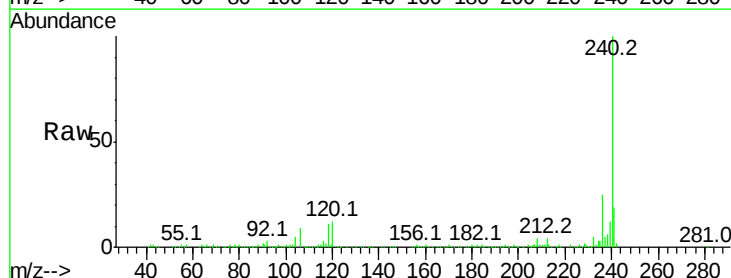
Manual Integrations
APPROVED

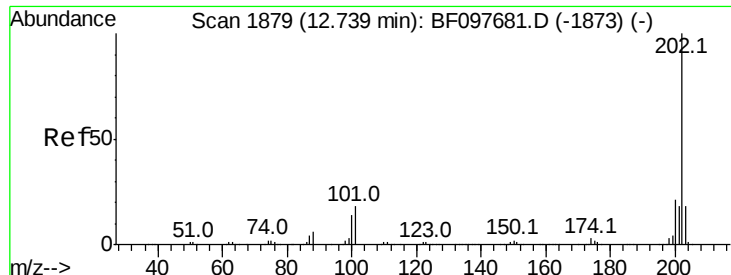
Sohil
9/11/2017 4:47:31 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	25.3	20.5	30.7





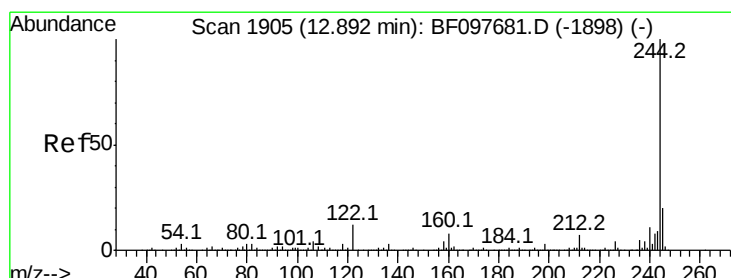
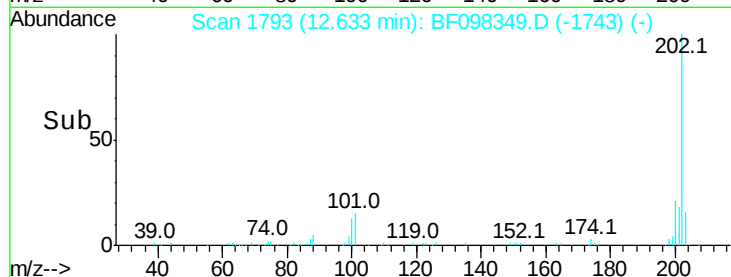
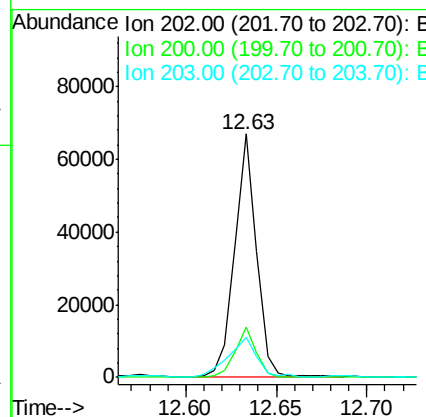
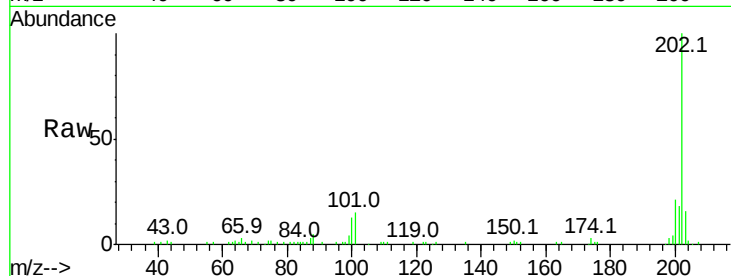
#77
Pvrene
Concen: 3.301 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	16.3	14.4	21.6

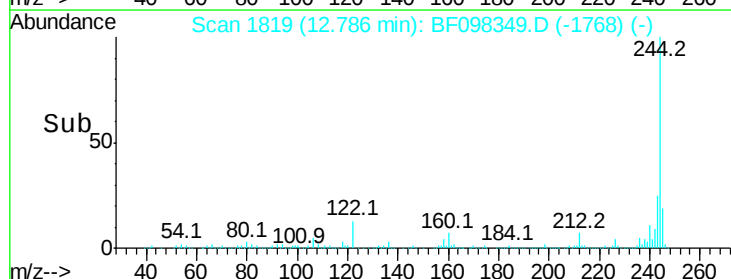
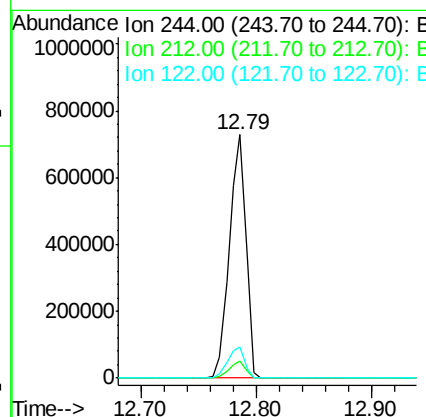
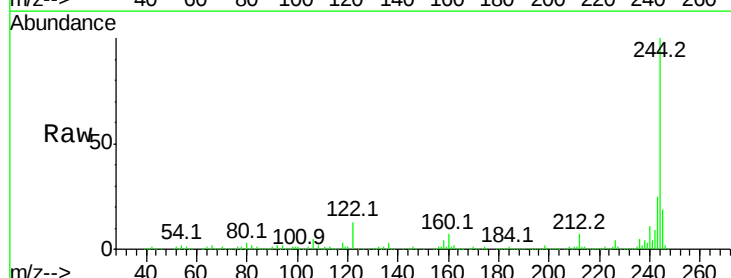
Manual Integrations
APPROVED

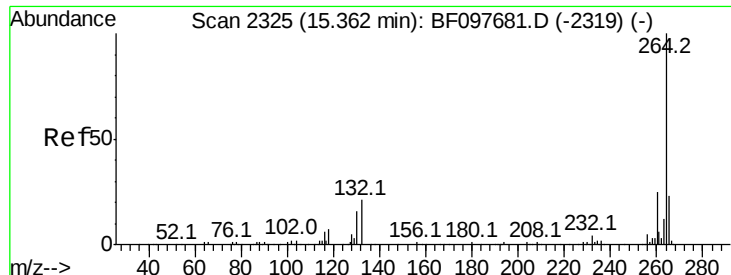
Sohil
9/11/2017 4:47:31 PM



#78
Terphenyl-d14
Concen: 71.711 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.7	10.3	15.5





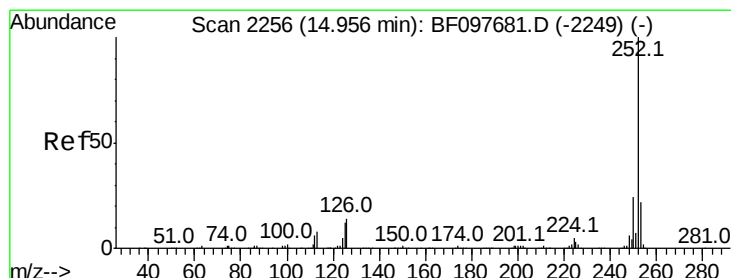
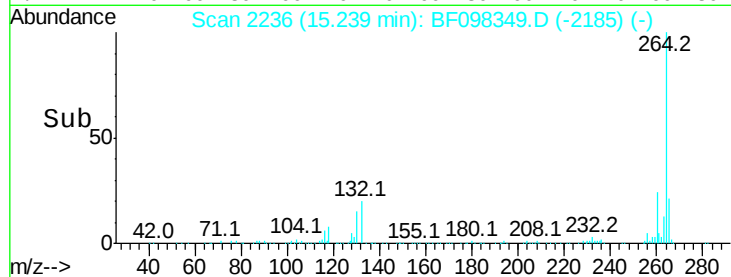
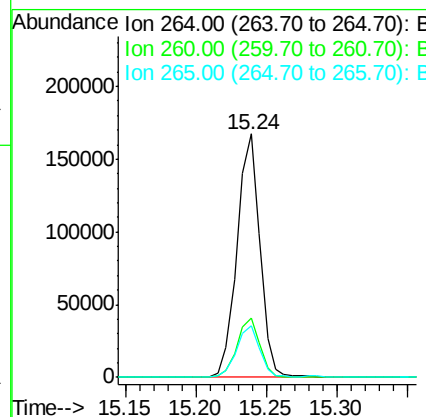
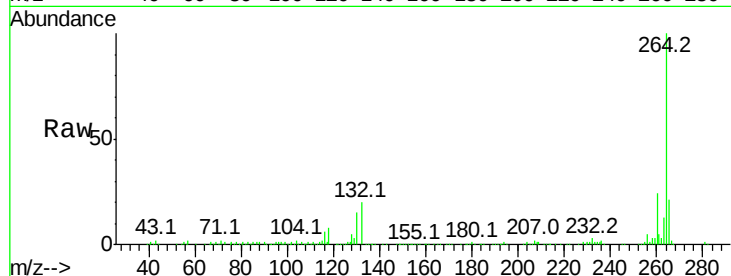
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.2	25.8

Manual Integrations
APPROVED

Sohil
9/11/2017 4:47:31 PM



#87
Benzo(b)fluoranthene
Concen: 2.357 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098349.D
Acq: 8 Sep 2017 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	13.5	9.8	14.8

