

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114236.D
 Acq On : 13 May 2019 18:26
 Operator : JU/SJ
 Sample : K2768-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS014-0002-01

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:20 PM

Quant Time: May 14 12:53:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272070	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1022022	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	472339	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	864762	20.00	ng	0.01
76) Chrysene-d12	14.03	240	566580	20.00	ng	0.00
87) Perylene-d12	15.52	264	552359	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1836362	108.62	ng	0.02
7) Phenol-d6	6.52	99	2426973	121.37	ng	0.02
23) Nitrobenzene-d5	7.42	82	1544843	84.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	524537	107.42	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2188106	70.07	ng	0.00
79) Terphenyl-d14	12.96	244	1649916	60.03	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	6408m	7.564	ng	Qvalue 100
50) Dimethylphthalate	9.60	163	408574	11.783	ng	

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

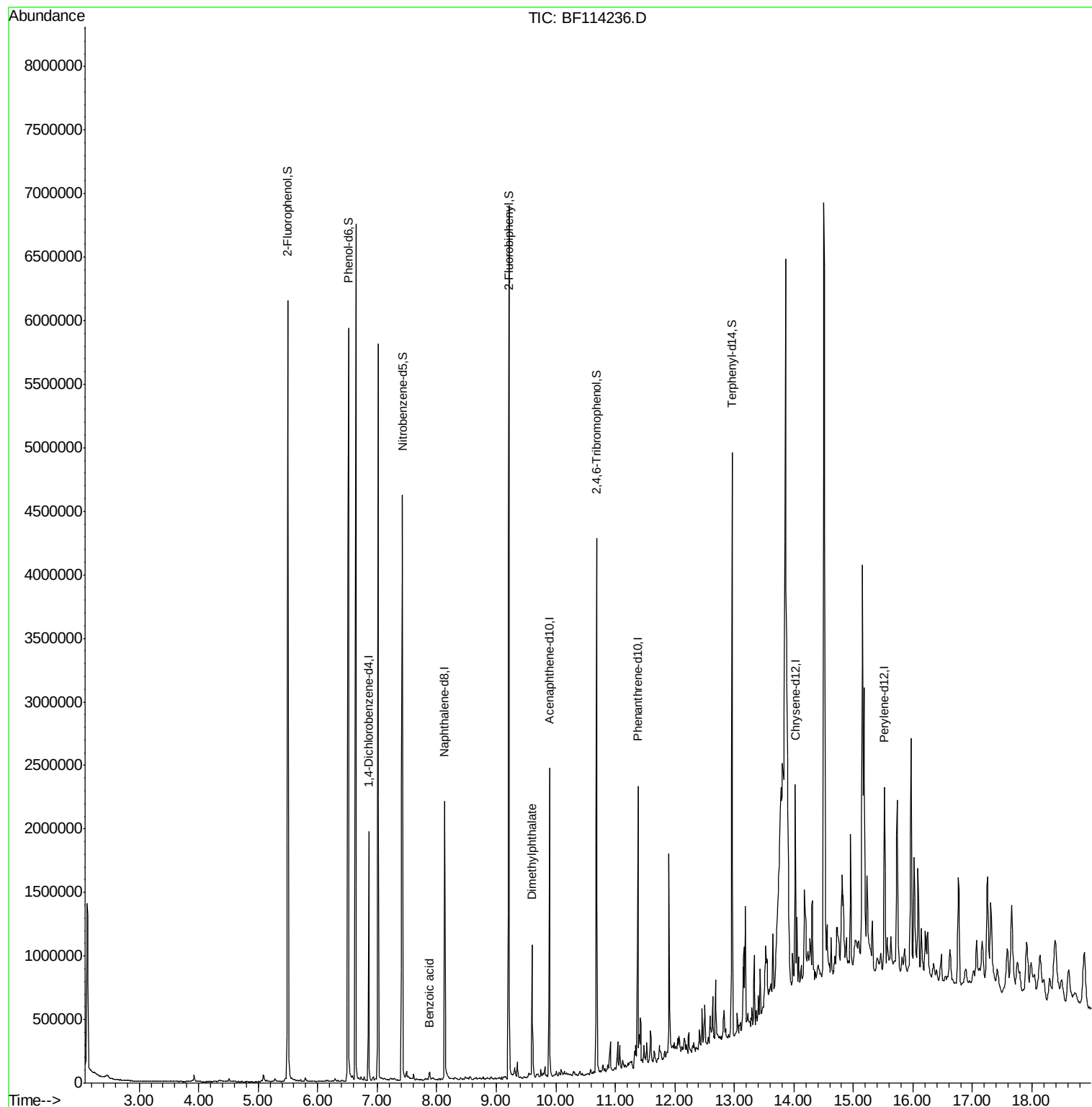
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114236.D
Acq On : 13 May 2019 18:26
Operator : JU/SJ
Sample : K2768-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

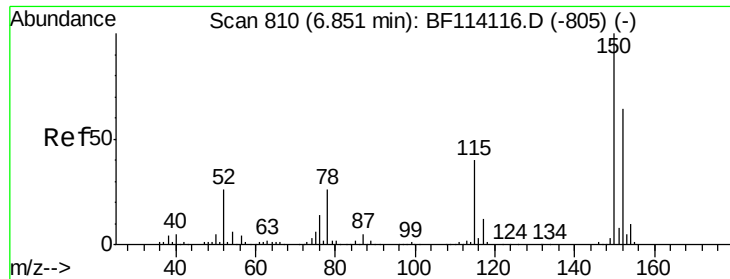
Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:20 PM

Quant Time: May 14 12:53:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

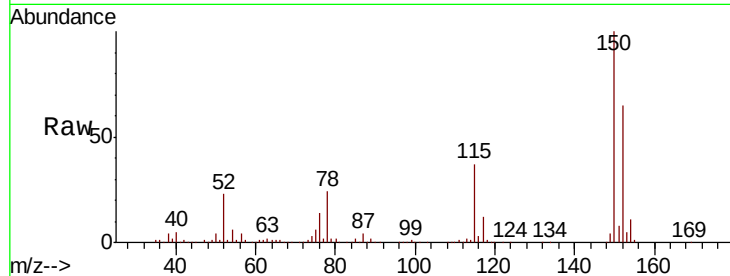
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	57.2	49.1	73.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:20 PM

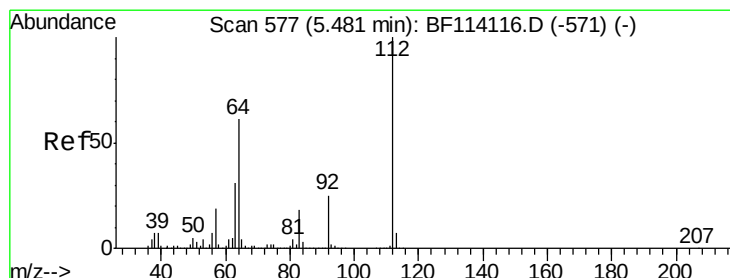
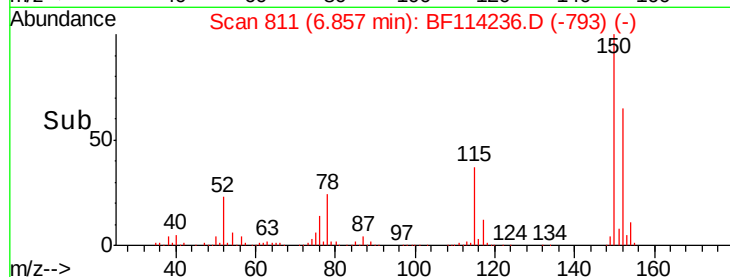
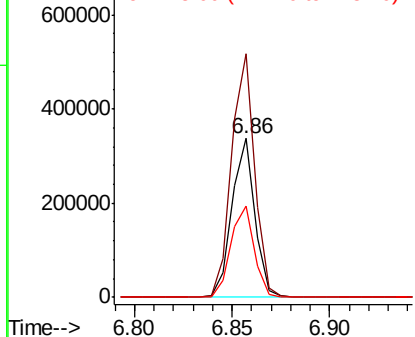


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

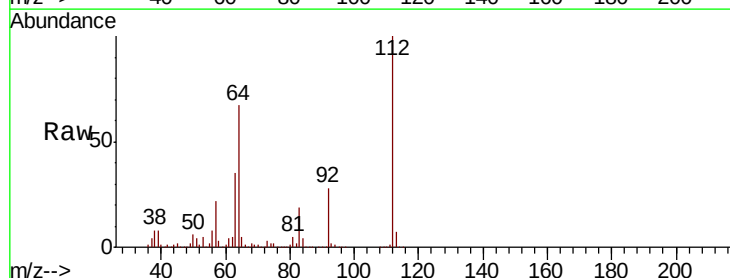
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.619 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	49.0	73.6
63	35.1	24.6	37.0

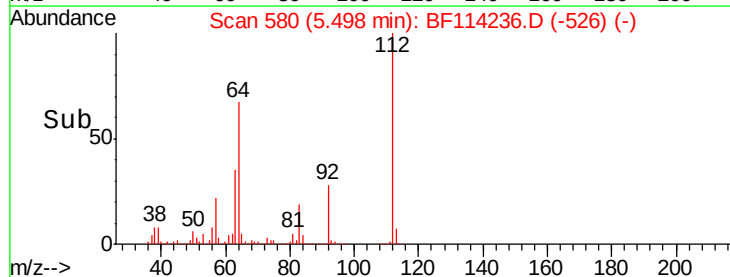
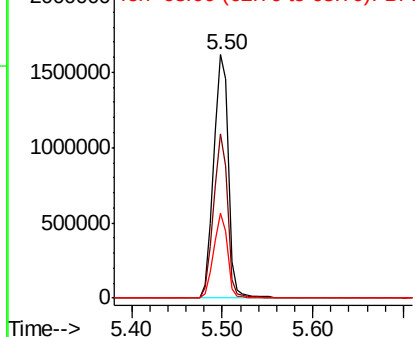


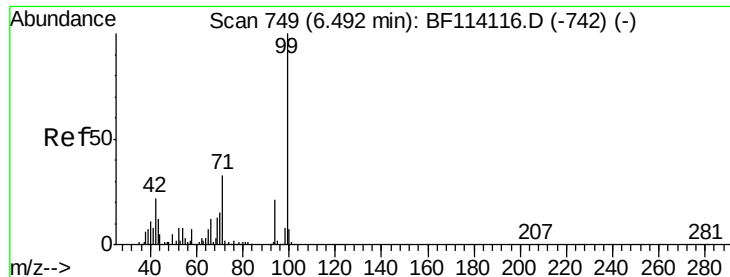
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 121.374 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF114236.D

Acq: 13 May 2019 18:26

Instrument :

BNA_F

ClientSampleId :

P026-SS014-0002-01

Tot Ion: 99 Resp: 2426973

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

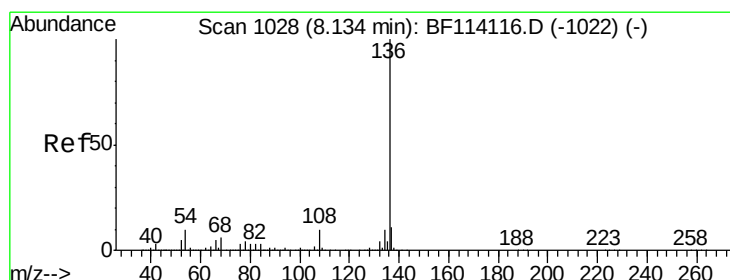
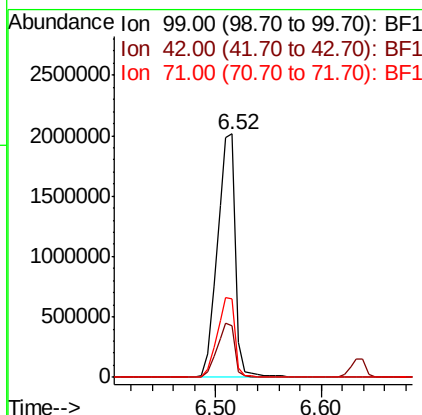
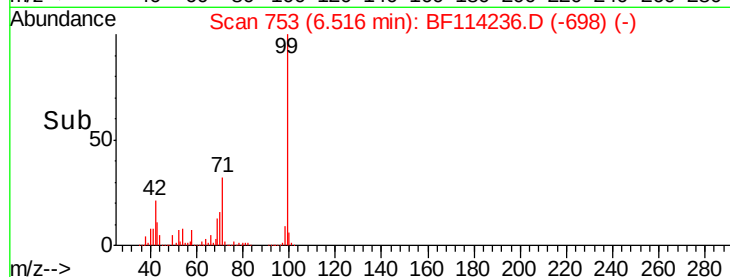
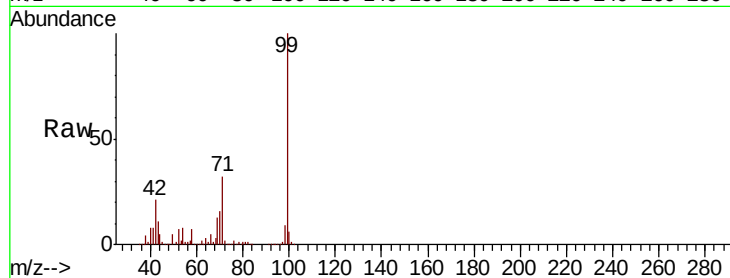
71 32.3 26.2 39.2

Manual Integrations

APPROVED

Sohil

5/14/2019 8:03:20 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114236.D

Acq: 13 May 2019 18:26

Tgt Ion: 136 Resp: 1022022

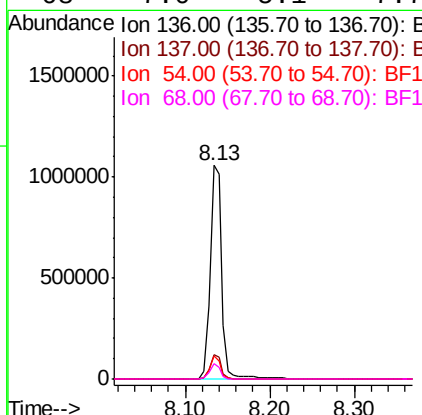
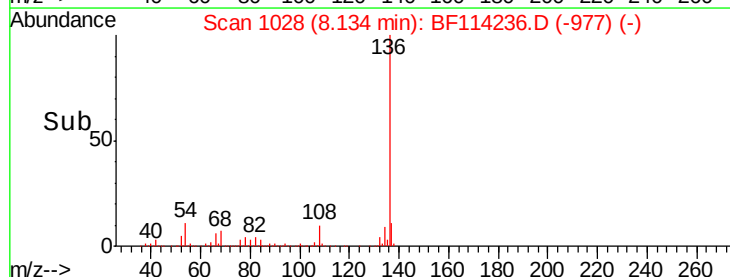
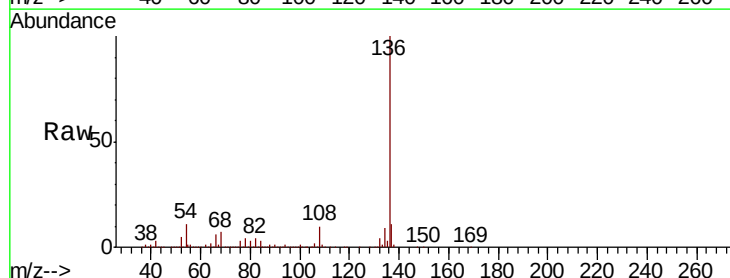
Ion Ratio Lower Upper

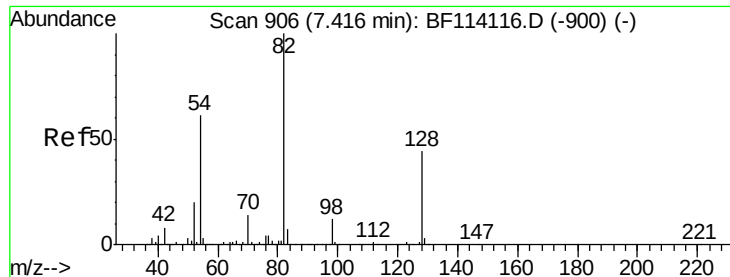
136 100

137 11.4 8.8 13.2

54 10.6 7.8 11.8

68 7.0 5.1 7.7





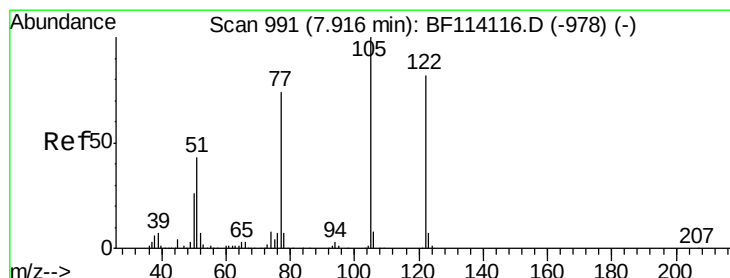
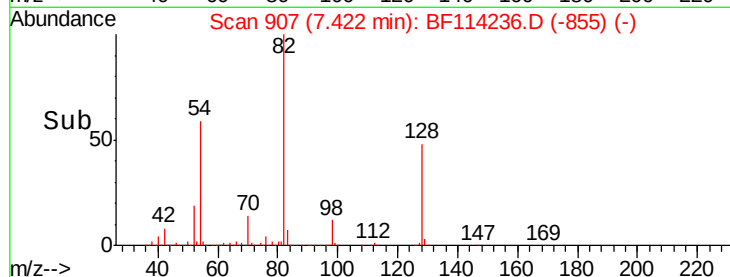
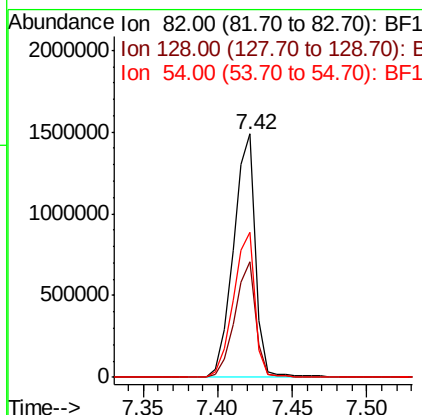
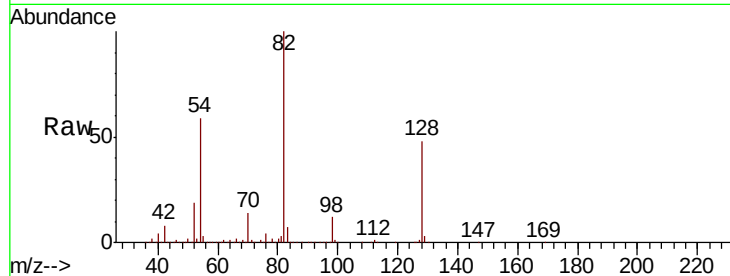
#23
 Nitrobenzene-d5
 Concen: 84.829 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114236.D
 Acq: 13 May 2019 18:26

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS014-0002-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.5	53.3
54	59.5	48.5	72.7

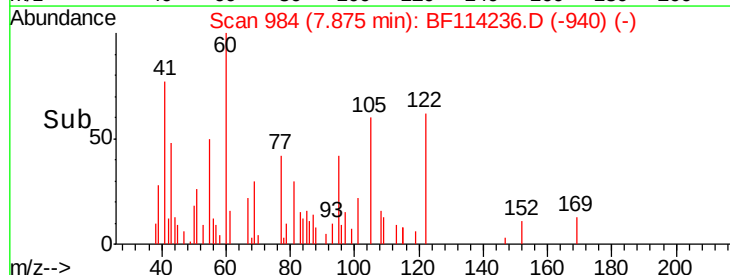
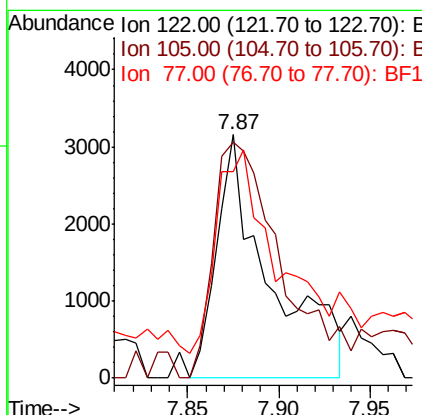
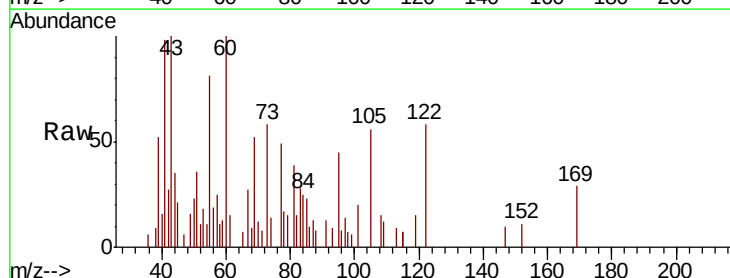
Manual Integrations
 APPROVED

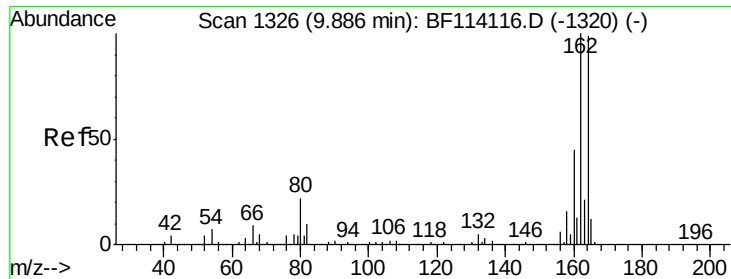
Sohil
 5/14/2019 8:03:20 PM



#32
 Benzoic acid
 Concen: 7.564 ng m
 RT: 7.87 min Scan# 984
 Delta R.T. -0.04 min
 Lab File: BF114236.D
 Acq: 13 May 2019 18:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	96.7	99.9	139.9#
77	84.9	69.4	109.4





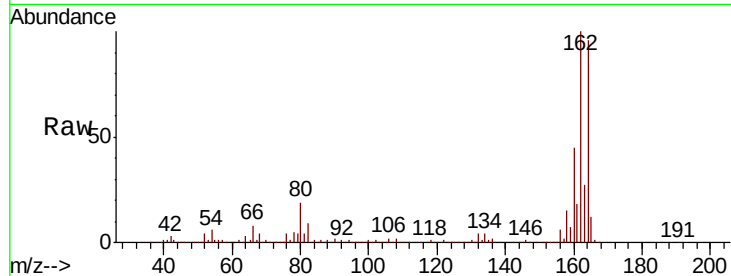
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	80.6	120.8	
160	46.9	36.5	54.7	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:20 PM

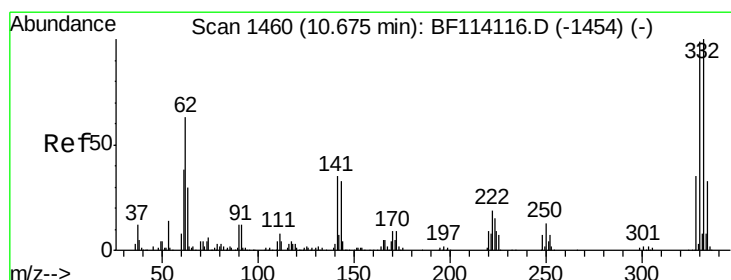
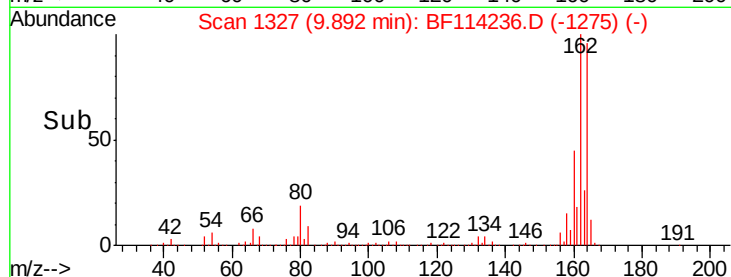
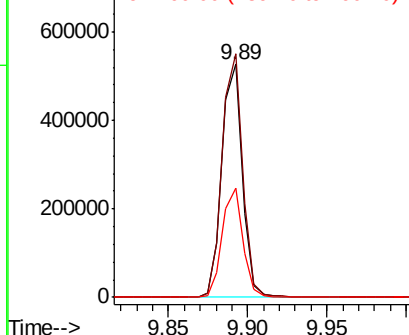


Abundance

Ion 164.00 (163.70 to 164.70): E

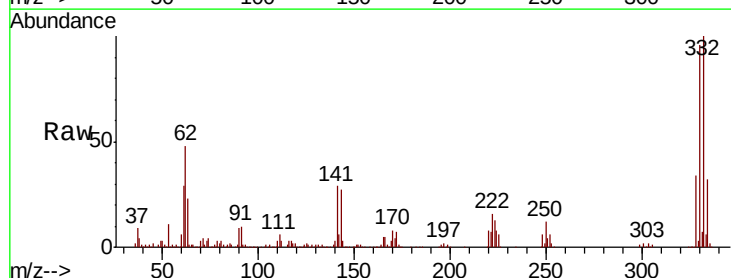
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 107.417 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.3	81.4	122.2	
141	32.2	26.6	40.0	

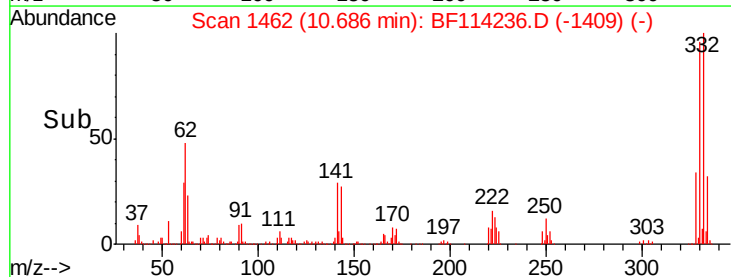
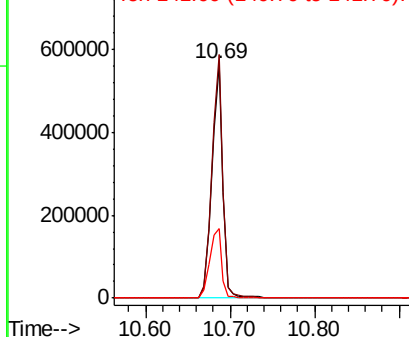


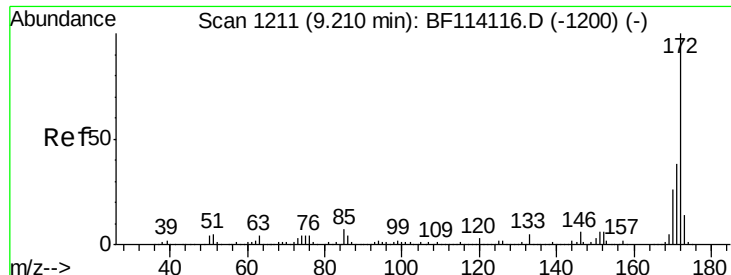
Abundance

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





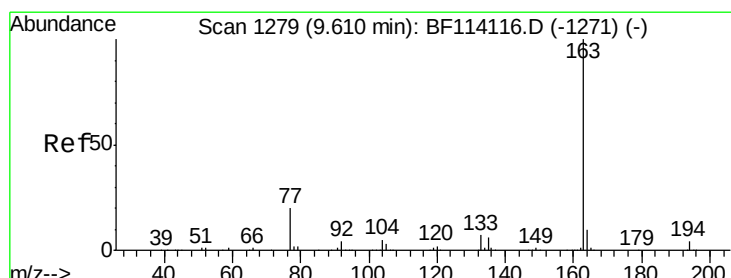
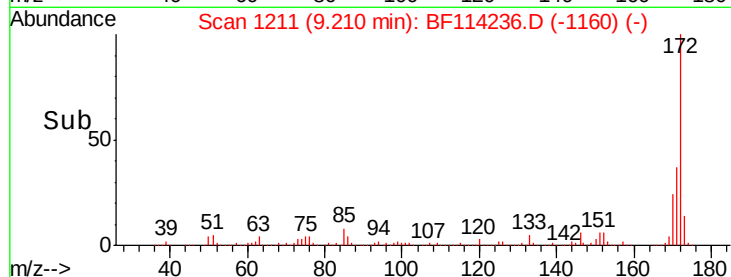
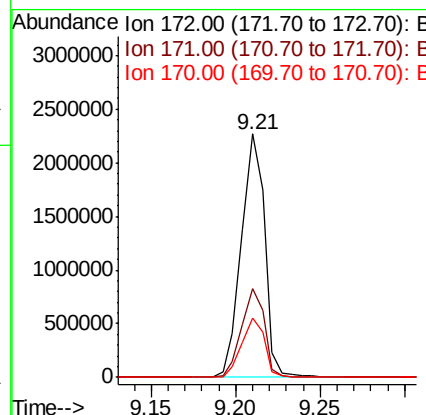
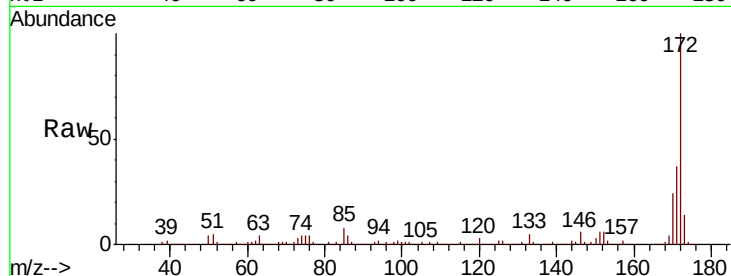
#45
2-Fluorobiphenyl
Concen: 70.074 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.4	20.5	30.7

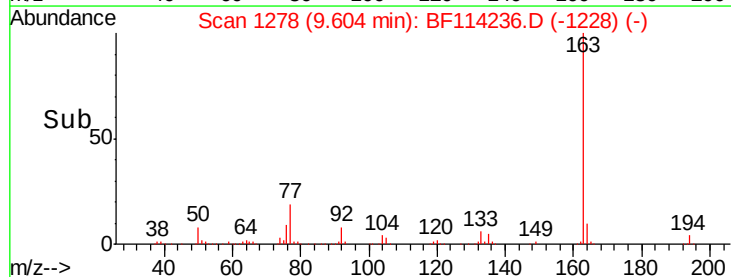
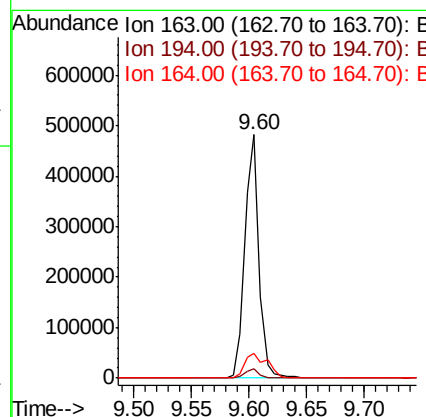
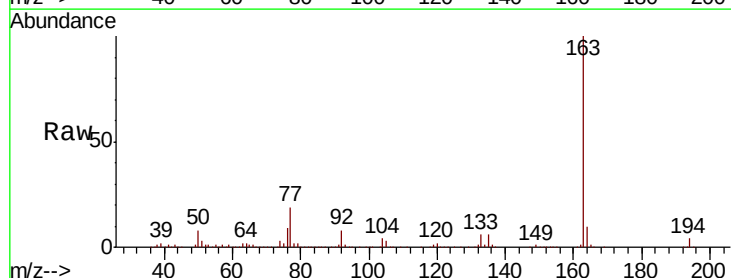
Manual Integrations
APPROVED

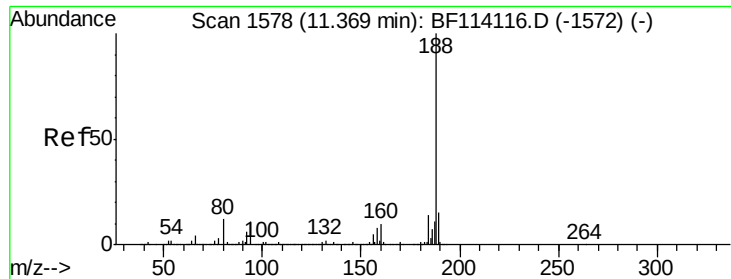
Sohil
5/14/2019 8:03:20 PM



#50
Dimethylphthalate
Concen: 11.783 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.2	12.2





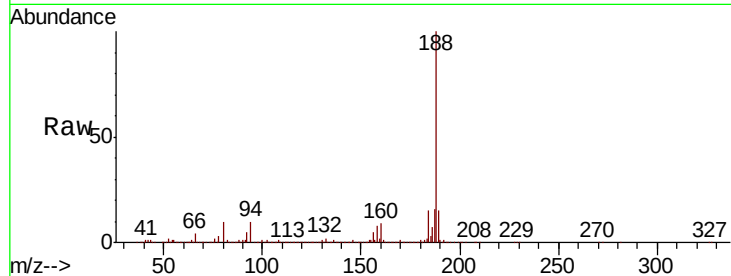
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Instrument :
BNA_F
ClientSampleId :
P026-SS014-0002-01

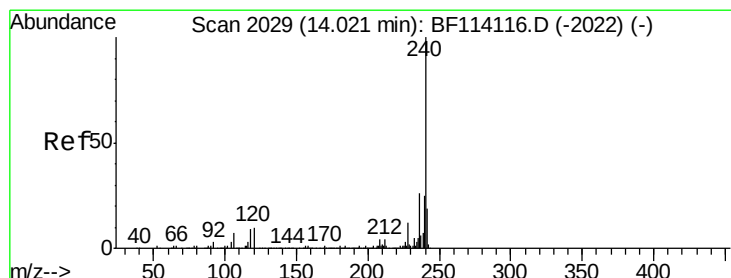
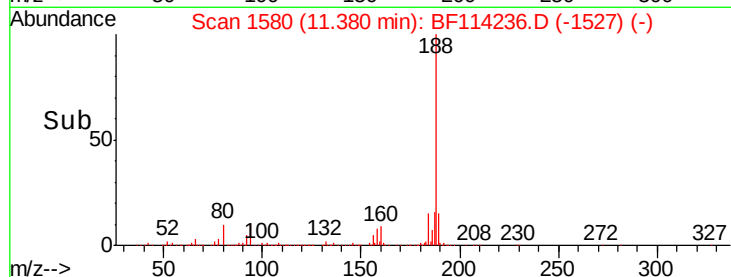
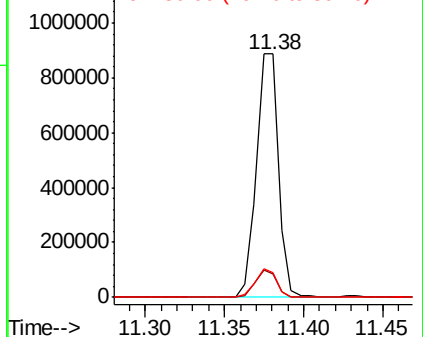
Tot Ion	Ratio	Resp	Lower	Upper
188	100	864762		
94	9.6		8.4	12.6
80	10.2		9.2	13.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:20 PM



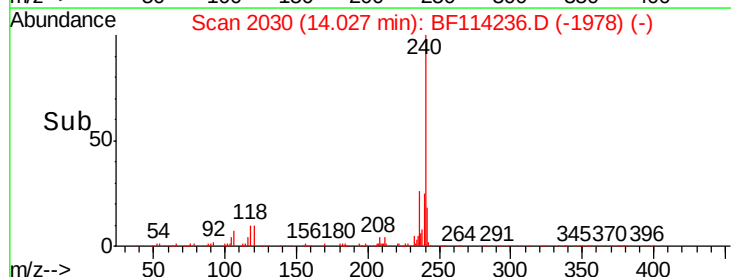
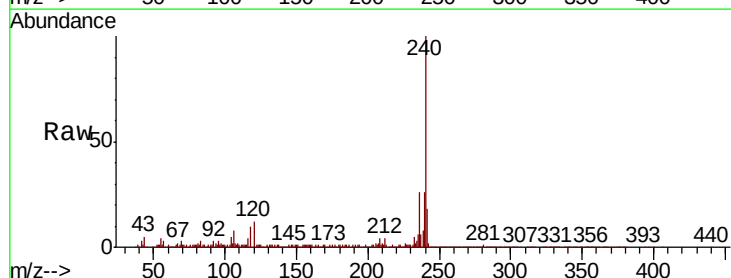
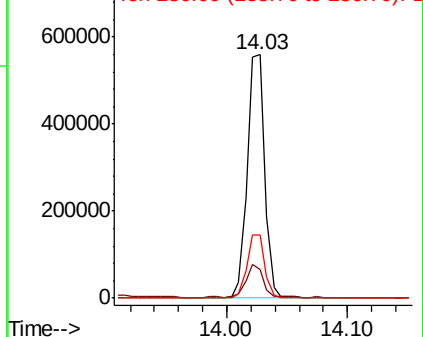
Abundance Ion 188.00 (187.70 to 188.70): E
1200000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

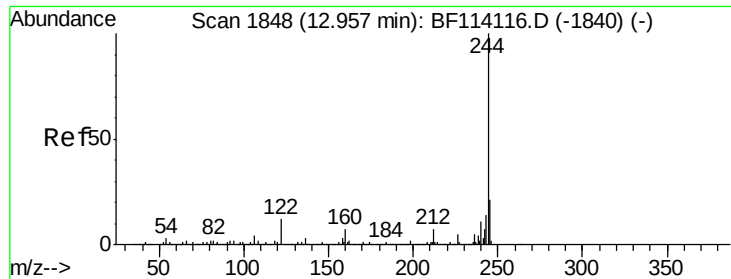


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114236.D
Acq: 13 May 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	566580		
120	11.5		8.3	12.5
236	26.1		20.8	31.2

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





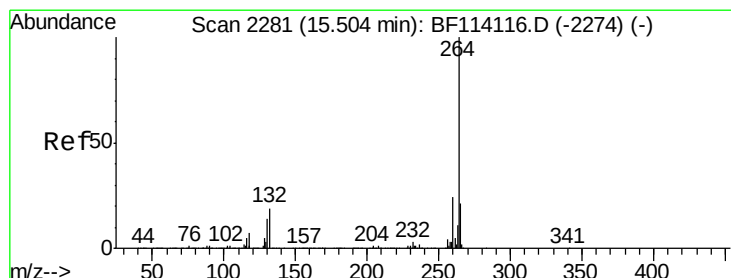
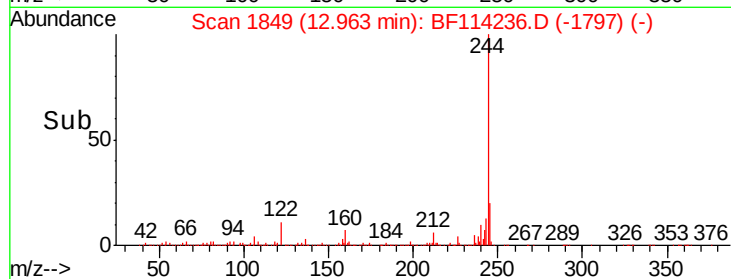
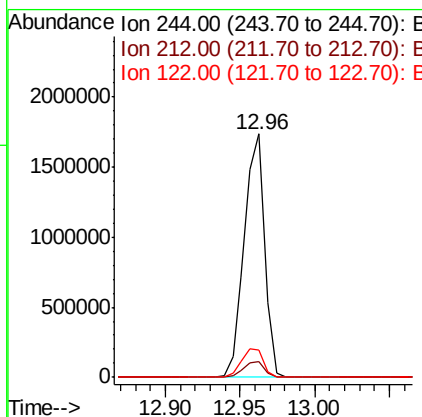
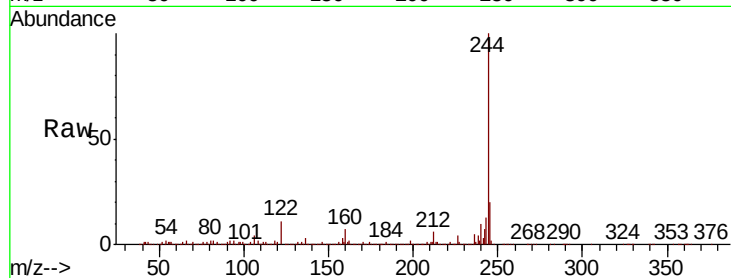
#79
 Terphenyl-d14
 Concen: 60.030 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114236.D
 Acq: 13 May 2019 18:26

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS014-0002-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.3	9.4	14.2

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:20 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.02 min
 Lab File: BF114236.D
 Acq: 13 May 2019 18:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.7	16.9	25.3

