

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118335.D
 Acq On : 27 Dec 2019 13:56
 Operator : JU
 Sample : K6431-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(0-2)

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:27:33 PM

Quant Time: Dec 28 01:10:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140635	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	552637	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	300036	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	572773	20.00	ng	0.00
76) Chrysene-d12	14.04	240	419457	20.00	ng	0.00
87) Perylene-d12	15.54	264	394967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1195064	145.05	ng	0.01
7) Phenol-d6	6.49	99	1513087	148.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	926335	95.87	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	540704	145.93	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1886390	95.97	ng	0.00
79) Terphenyl-d14	12.99	244	2400897	94.96	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	5878m	6.554	ng	Qvalue 99
50) Dimethylphthalate	9.61	163	224523	9.969	ng	

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

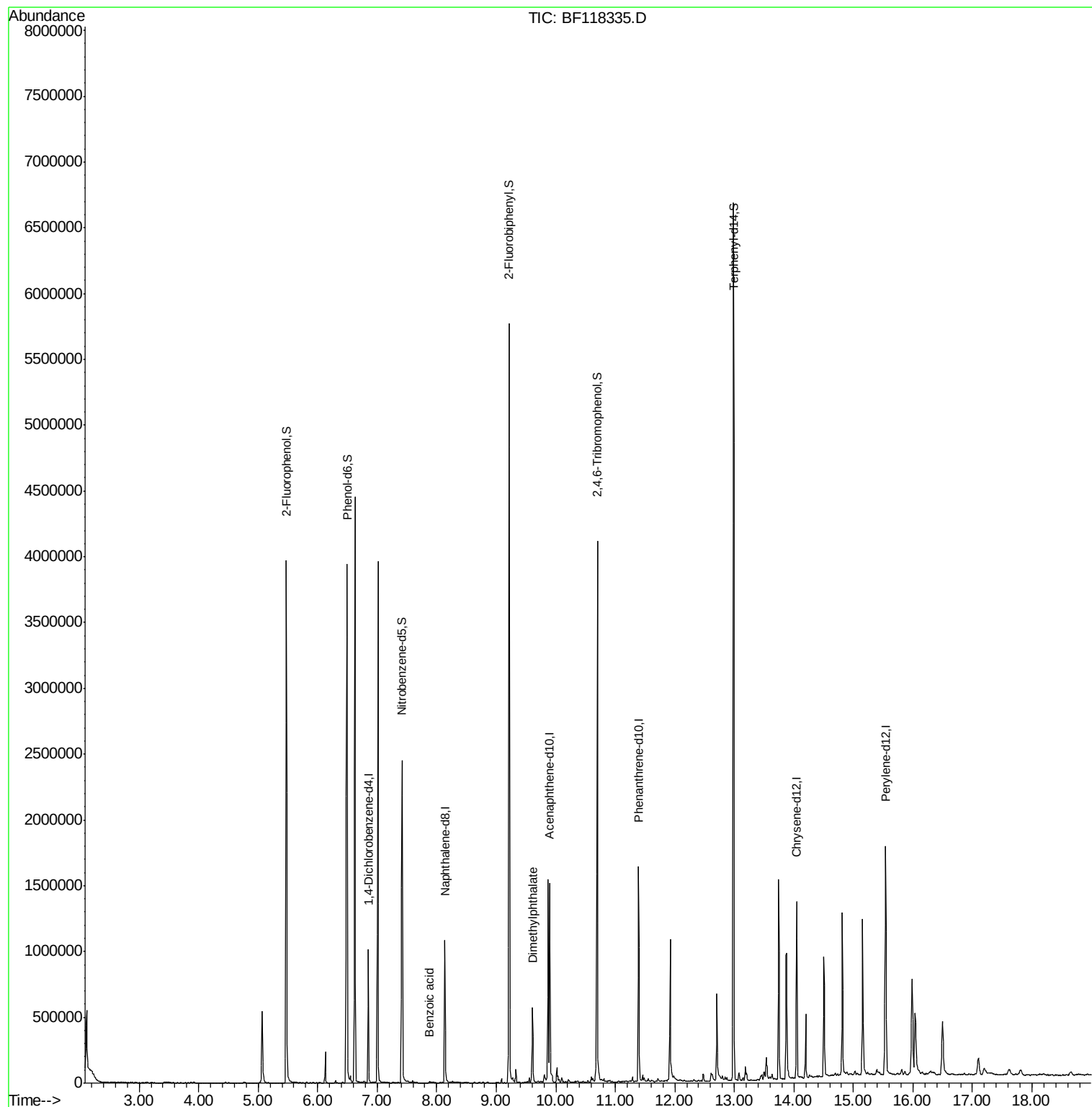
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118335.D
Acq On : 27 Dec 2019 13:56
Operator : JU
Sample : K6431-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

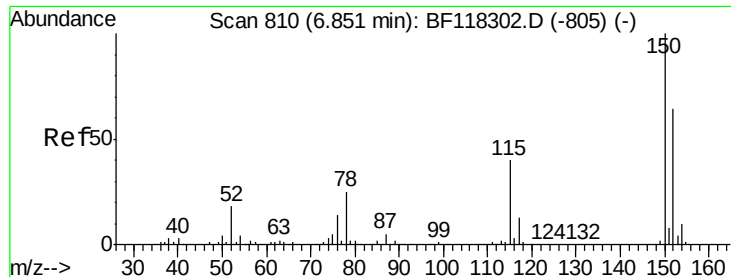
Instrument :
BNA_F
ClientSampleId :
SB-3-(0-2)

Manual Integrations
APPROVED

mohammad
12/29/2019 5:27:33 PM

Quant Time: Dec 28 01:10:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration





#1

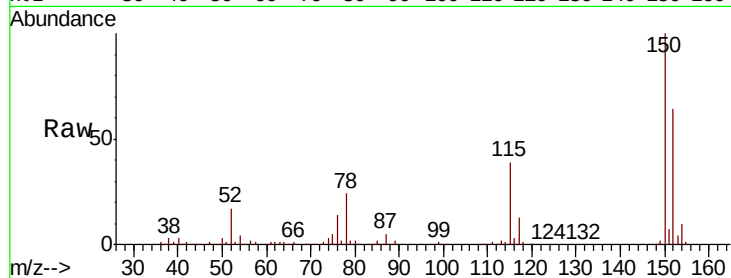
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :
SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.4	188.2
115	61.6	50.2	75.4

Manual Integrations
APPROVED

mohammad
12/29/2019 5:27:33 PM

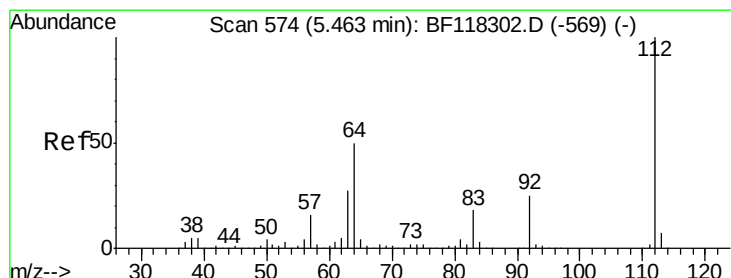
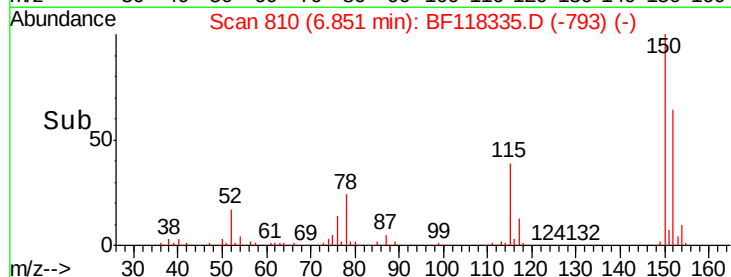
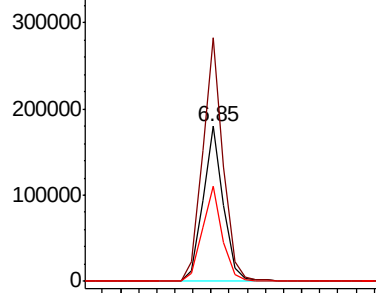


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

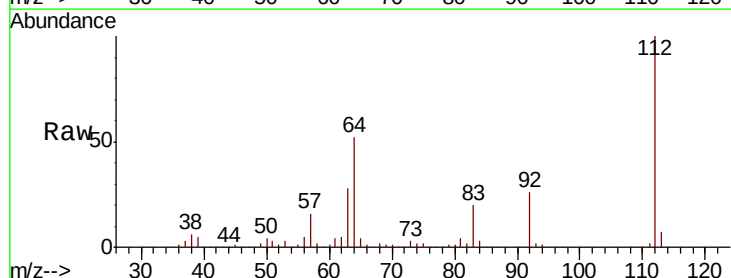
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.054 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.7	59.5
63	28.3	21.7	32.5

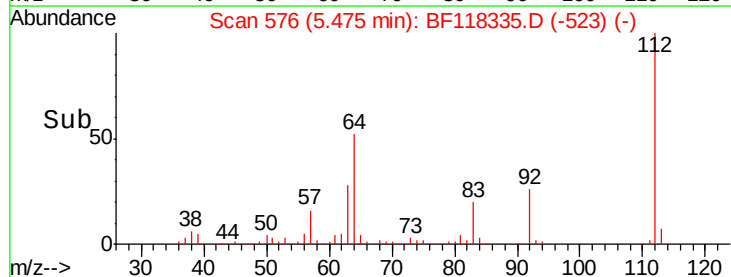
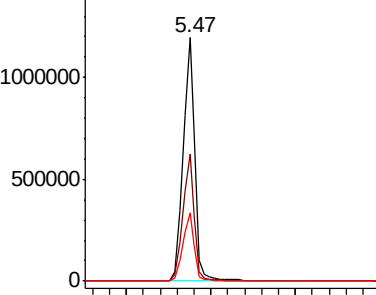


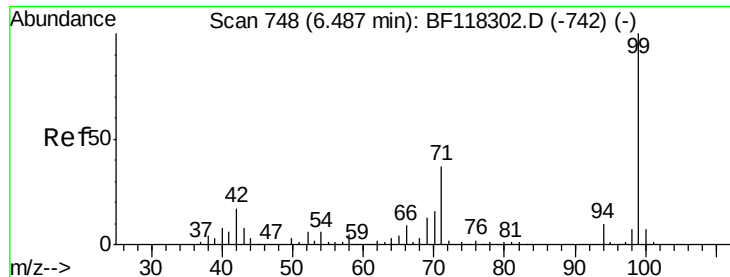
Abundance

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: 148.046 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118335.D

Acq: 27 Dec 2019 13:56

Instrument :

BNA_F

ClientSampleId :

SB-3-(0-2)

Tot Ion: 99 Resp: 1513087

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

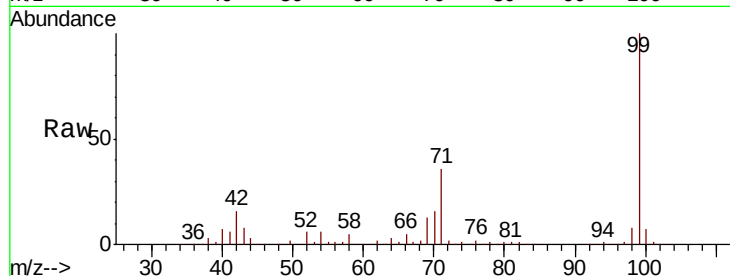
71 36.1 29.4 44.2

Manual Integrations

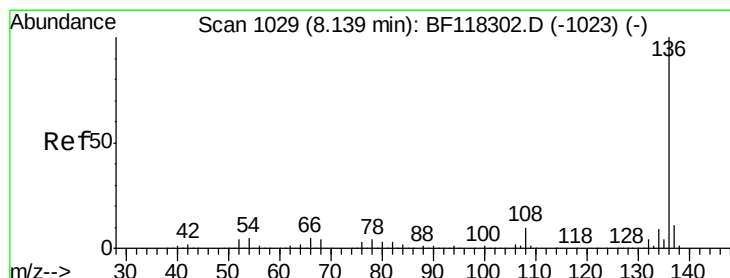
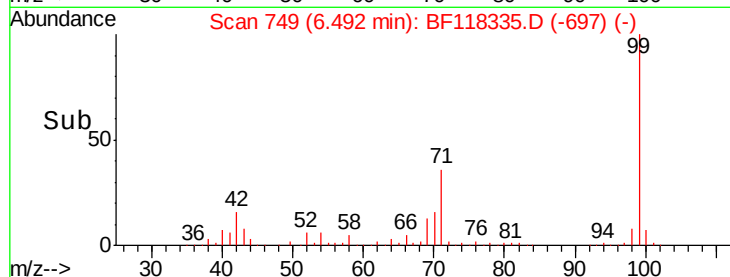
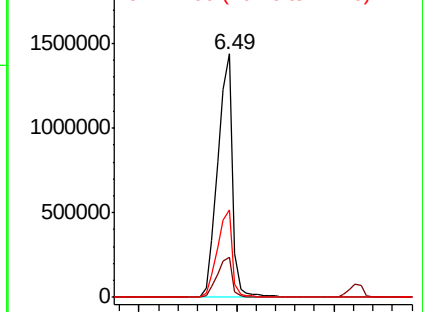
APPROVED

mohammad

12/29/2019 5:27:33 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118335.D

Acq: 27 Dec 2019 13:56

Tgt Ion: 136 Resp: 552637

Ion Ratio Lower Upper

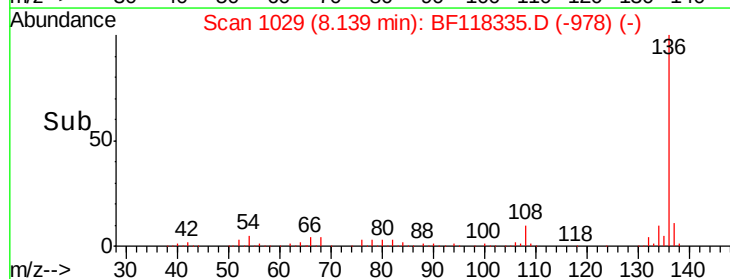
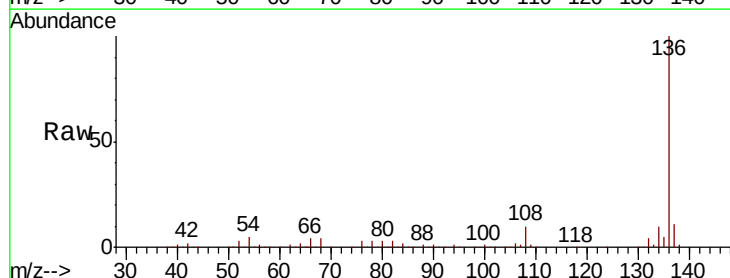
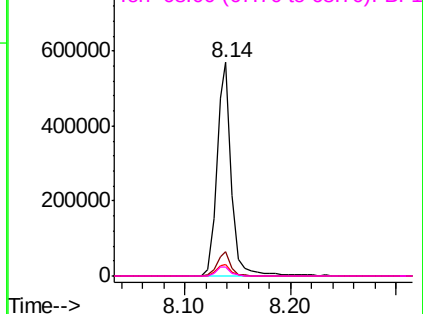
136 100

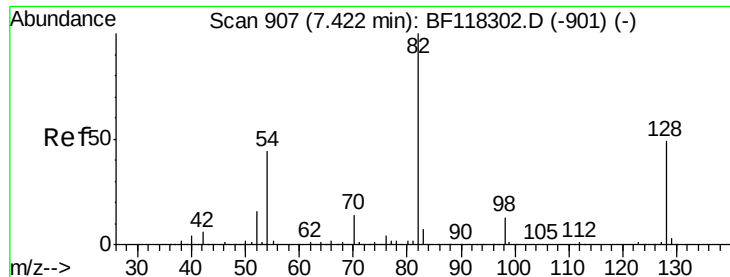
137 11.2 8.9 13.3

54 5.1 4.2 6.4

68 4.2 3.5 5.3

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





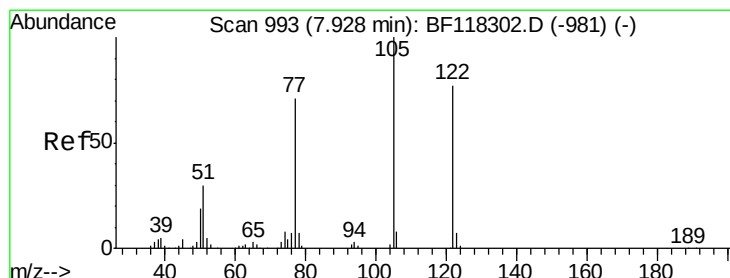
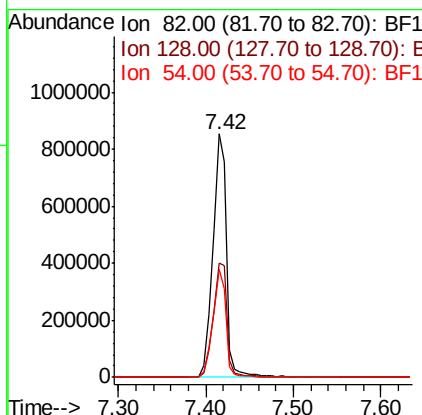
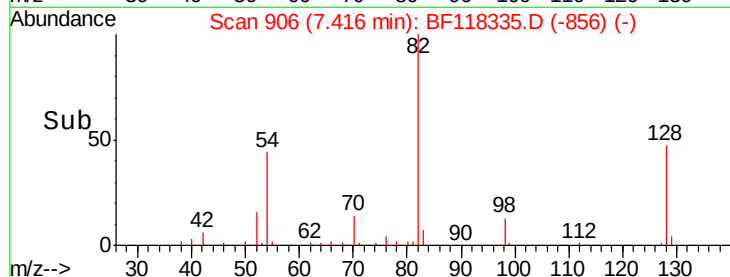
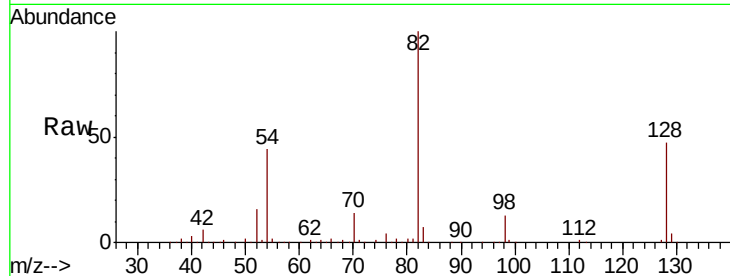
#23
 Nitrobenzene-d5
 Concen: 95.871 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118335.D
 Acq: 27 Dec 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	44.2	34.9	52.3

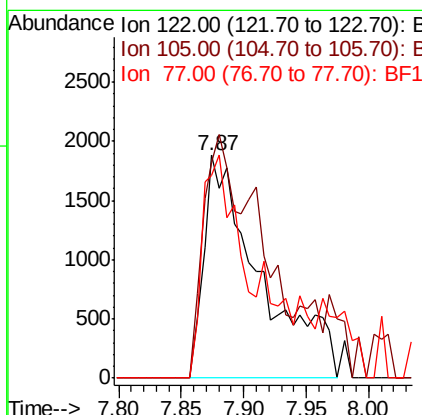
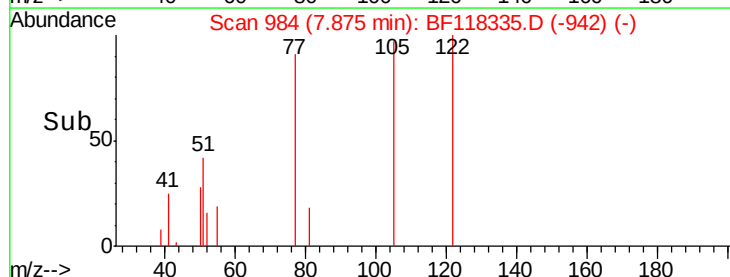
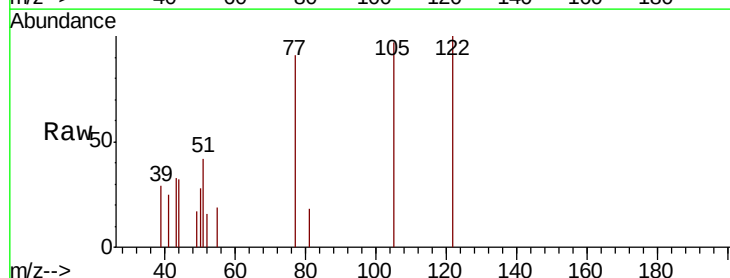
Manual Integrations
 APPROVED

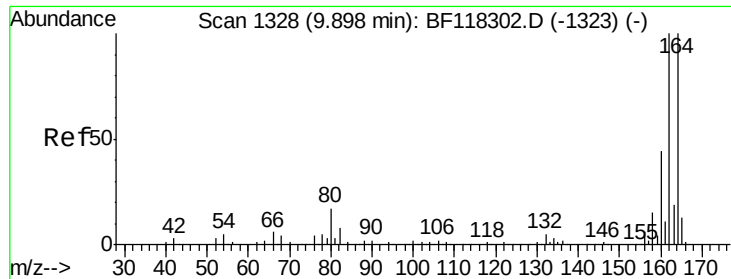
mohammad
 12/29/2019 5:27:33 PM



#32
 Benzoic acid
 Concen: 6.554 ng m
 RT: 7.87 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF118335.D
 Acq: 27 Dec 2019 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	96.9	106.8	146.8#
77	90.9	70.4	110.4





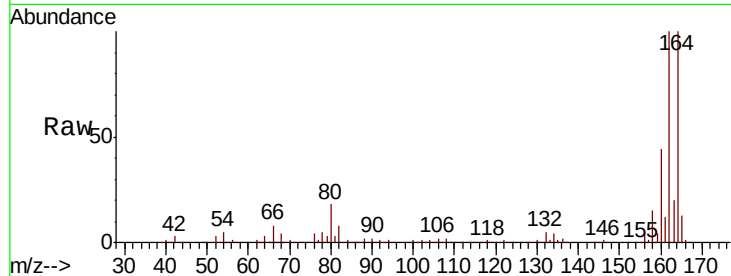
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :
SB-3-(0-2)

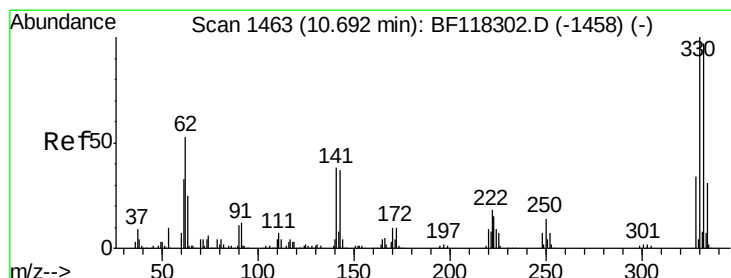
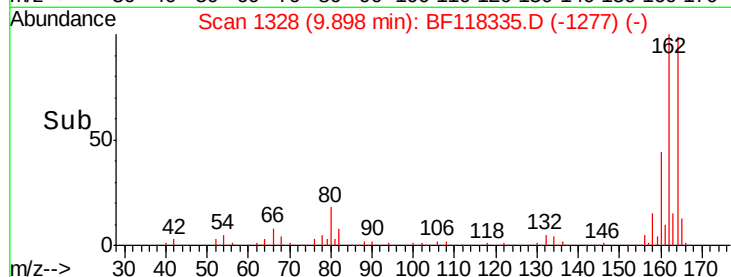
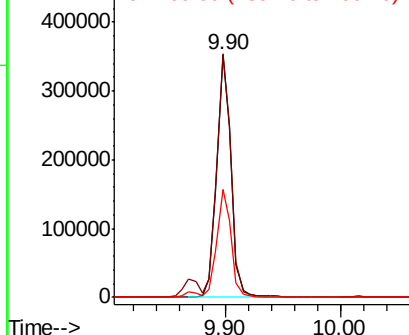
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.0	120.0
160	44.5	34.8	52.2

Manual Integrations
APPROVED

mohammad
12/29/2019 5:27:33 PM

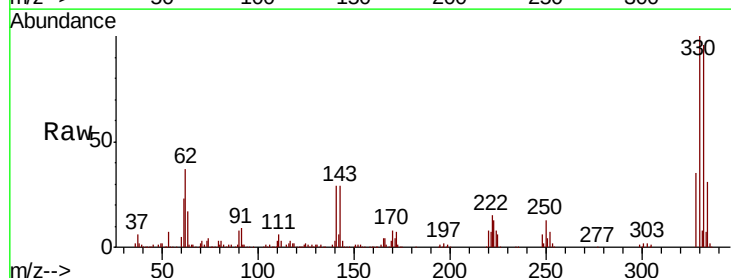


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

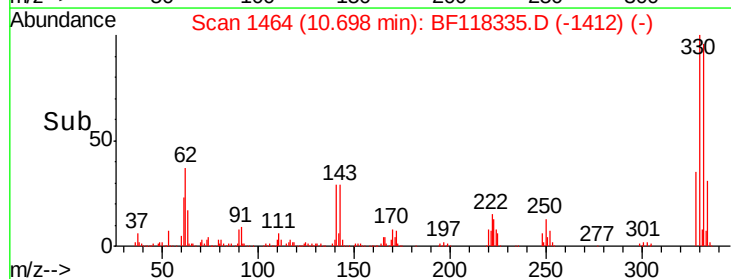
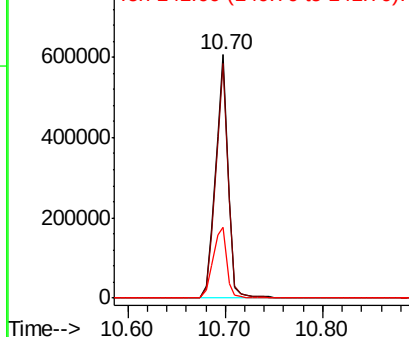


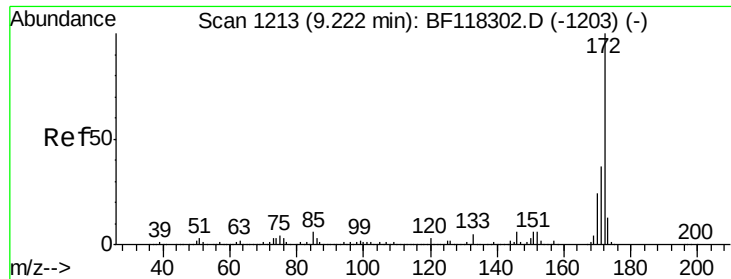
#42
2,4,6-Tribromophenol
Concen: 145.930 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.3	26.0	39.0



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





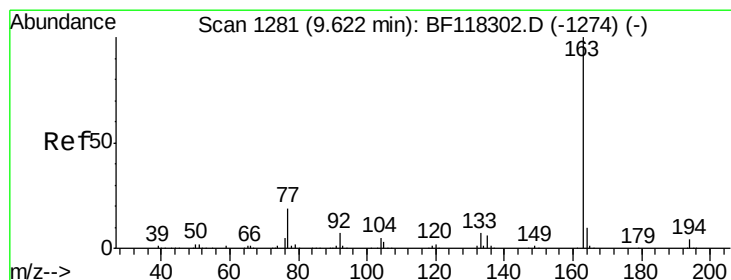
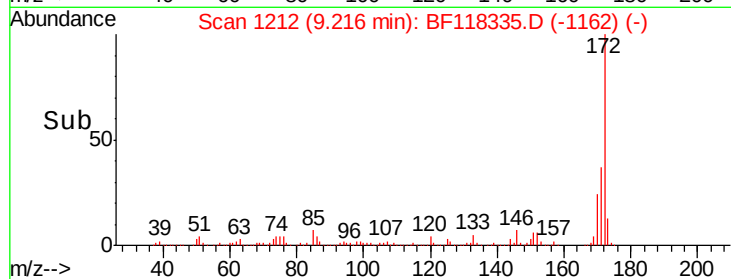
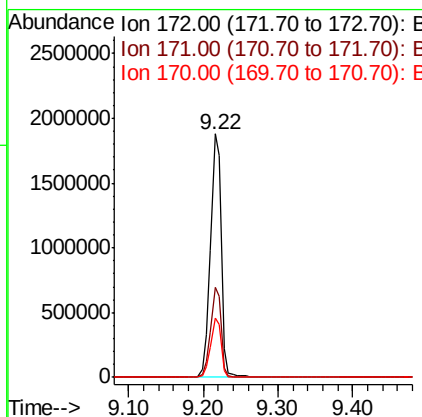
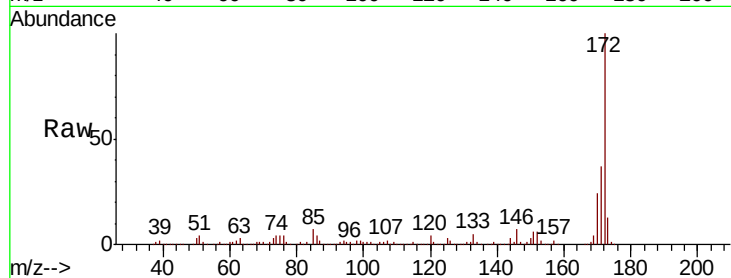
#45
2-Fluorobiphenyl
Concen: 95.972 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :
SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	24.3	19.2	28.8

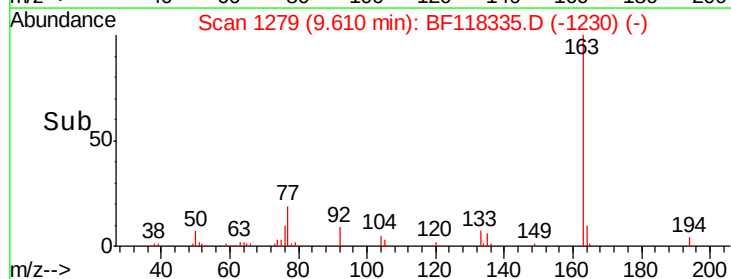
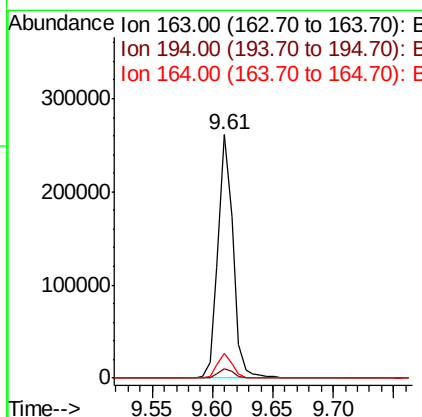
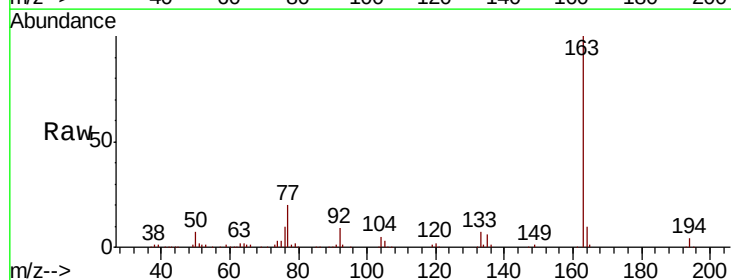
Manual Integrations
APPROVED

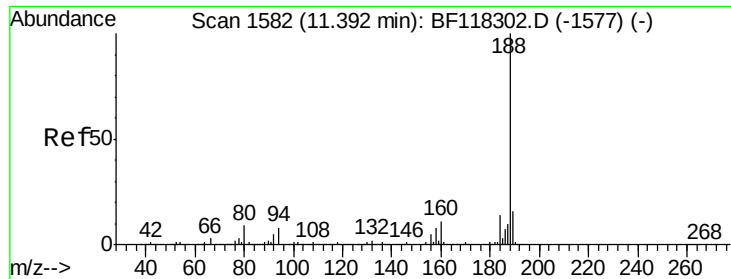
mohammad
12/29/2019 5:27:33 PM



#50
Dimethylphthalate
Concen: 9.969 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF118335.D

Acq: 27 Dec 2019 13:56

Instrument :

BNA_F

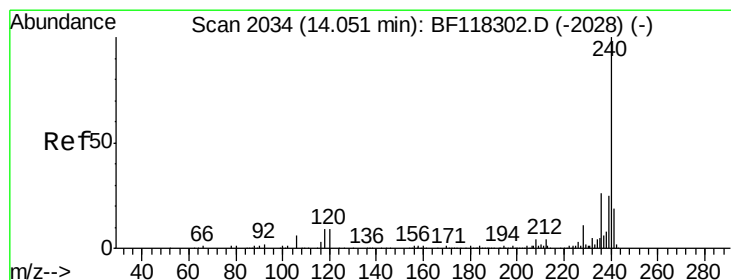
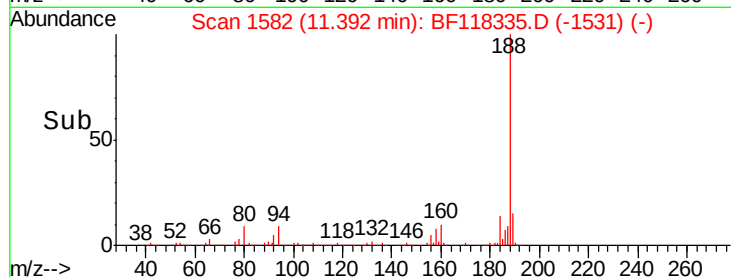
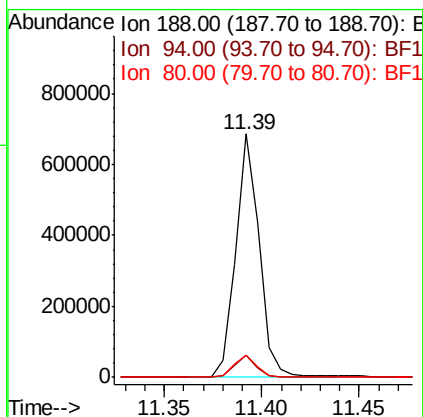
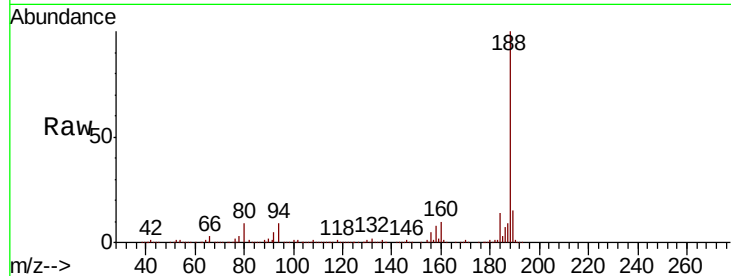
ClientSampleId :

SB-3-(0-2)

Tot Ion:	188	Resp:	572773
Ion Ratio	Lower	Upper	
188	100		
94	8.9	6.7	10.1
80	9.3	7.2	10.8

Manual Integrations
APPROVED

mohammad
12/29/2019 5:27:33 PM



#76

Chrysene-d12

Concen: 20.000 ng

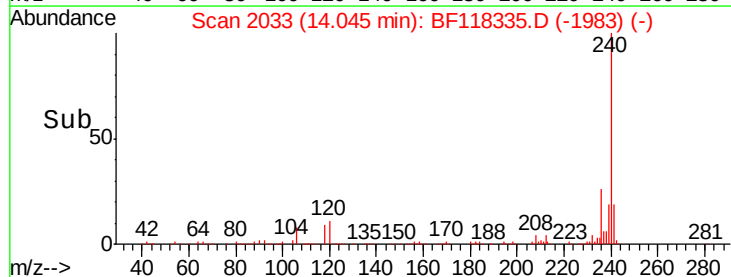
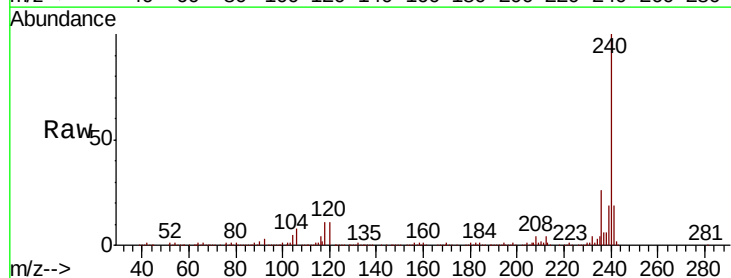
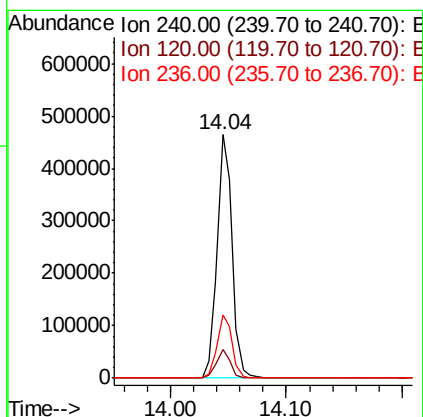
RT: 14.04 min Scan# 2033

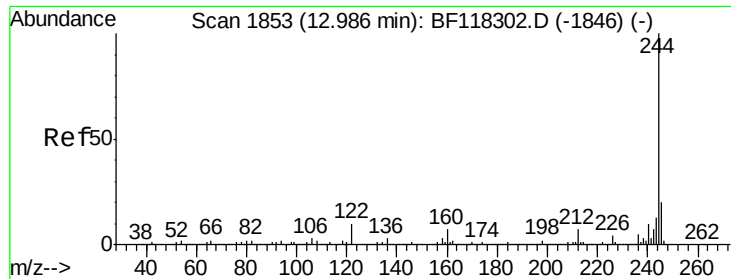
Delta R.T. -0.01 min

Lab File: BF118335.D

Acq: 27 Dec 2019 13:56

Tgt Ion:	240	Resp:	419457
Ion Ratio	Lower	Upper	
240	100		
120	11.5	7.1	10.7#
236	26.2	21.0	31.6





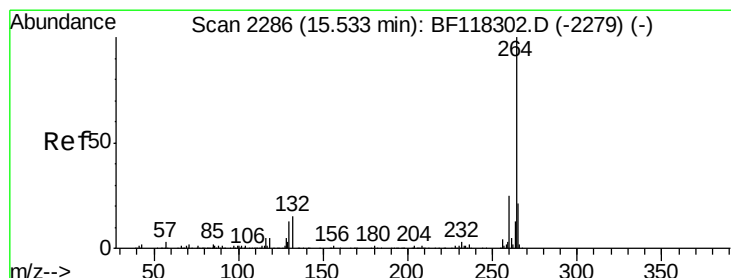
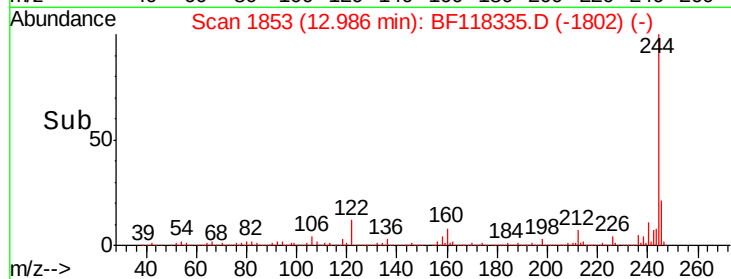
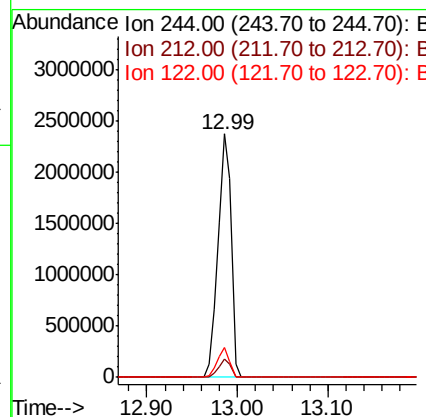
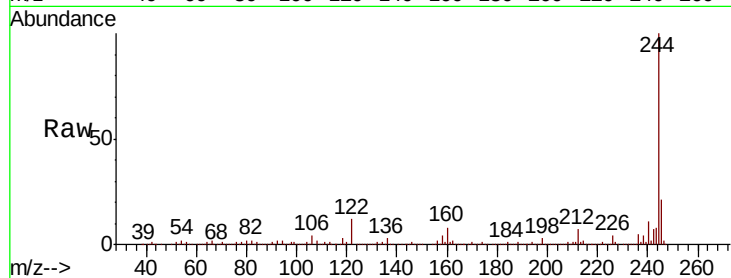
#79
 Terphenyl-d14
 Concen: 94.960 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF118335.D
 Acq: 27 Dec 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	12.4	7.8	11.8

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:27:33 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF118335.D
 Acq: 27 Dec 2019 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.2	17.0	25.4

