

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116410.D
 Acq On : 20 Aug 2019 1:32
 Operator : HP/JU
 Sample : K4223-29
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-15

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:45:50 PM

Quant Time: Aug 20 04:01:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110794	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	444253	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	243711	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	445825	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	274709	20.00	ng	-0.02
87) Perylene-d12	15.42	264	318505	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	528929	79.92	ng	0.00
7) Phenol-d6	6.45	99	717764	85.96	ng	-0.01
23) Nitrobenzene-d5	7.37	82	433148	56.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	201365	85.22	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	683322	52.52	ng	-0.01
79) Terphenyl-d14	12.90	244	716532	54.96	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	155039	9.343	ng	98
75) Fluoranthene	12.54	202	68562	2.873	ng	98
78) Pyrene	12.77	202	57535	2.778	ng	98
88) Benzo(b)fluoranthene	15.01	252	38137m	2.071	ng	

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

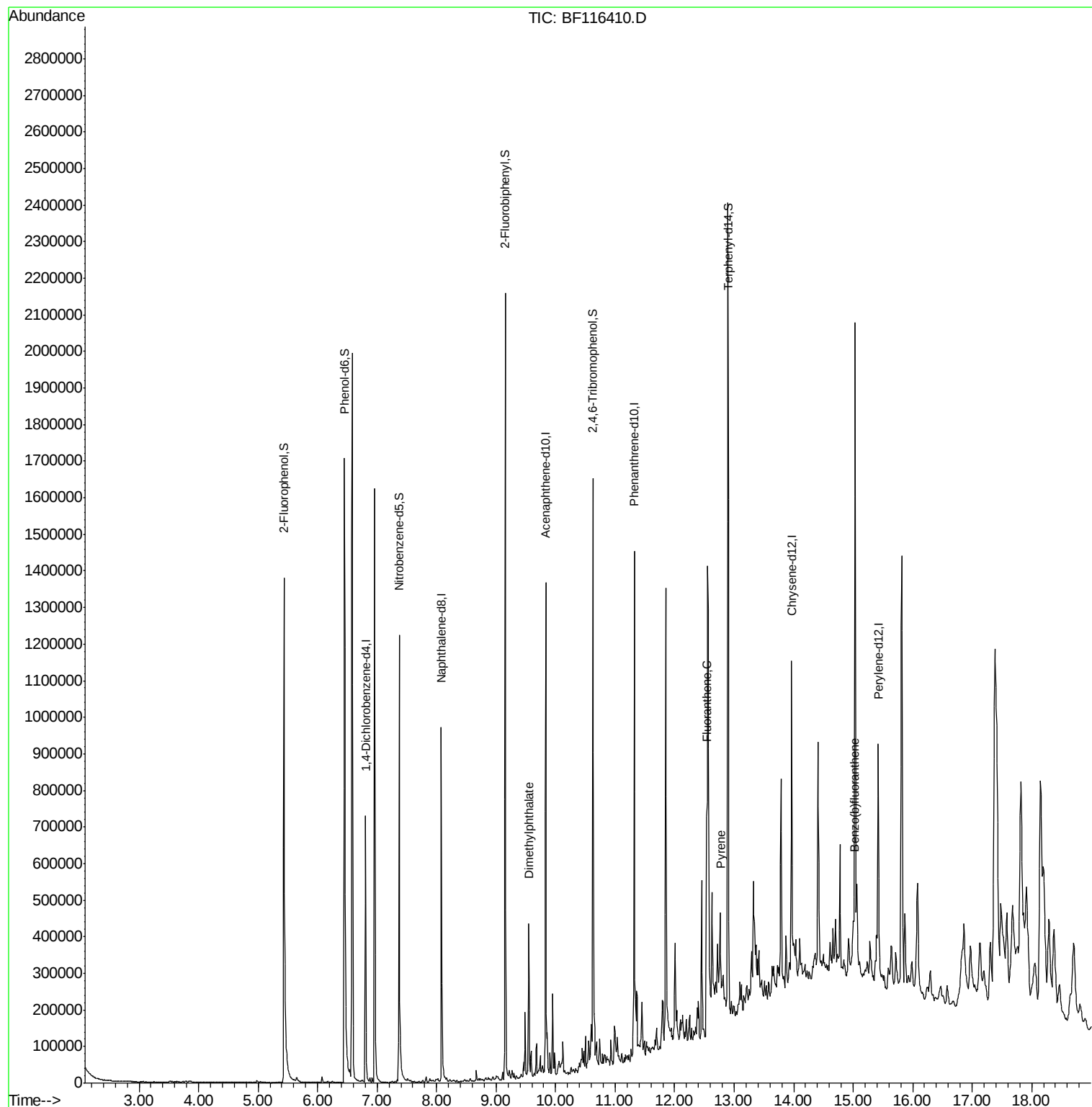
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

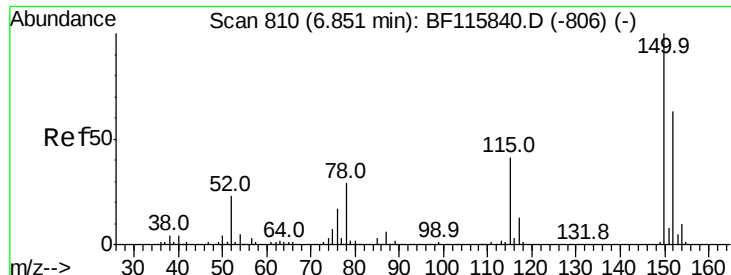
Instrument :
BNA_F
ClientSampleId :
SP-15

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:50 PM

Quant Time: Aug 20 04:01:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration





#1

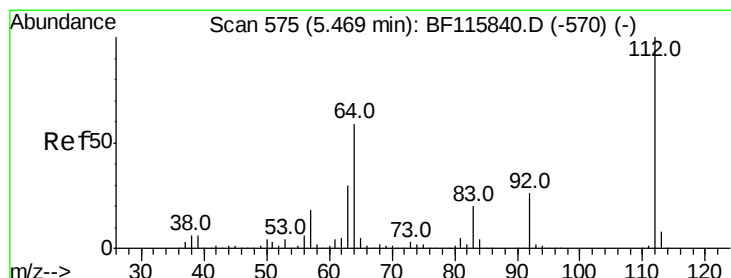
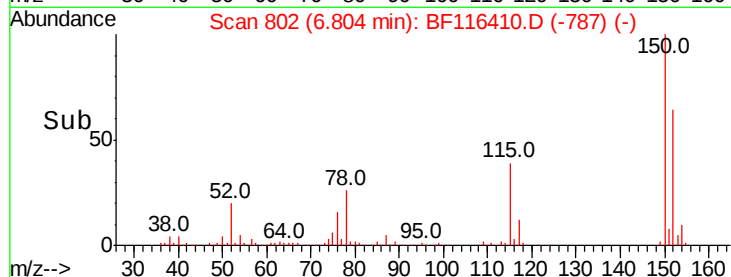
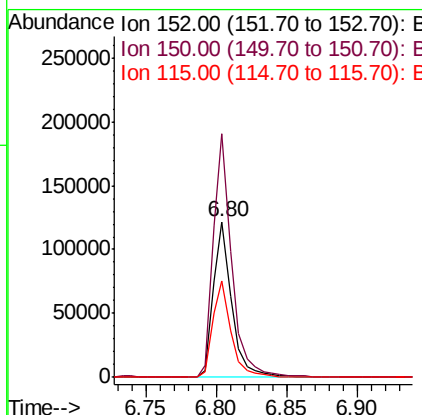
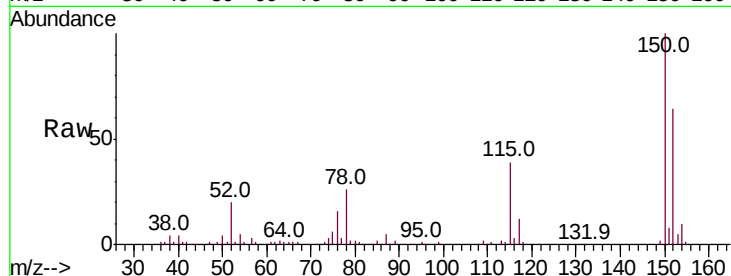
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	61.6	49.9	74.9

Manual Integrations
APPROVED

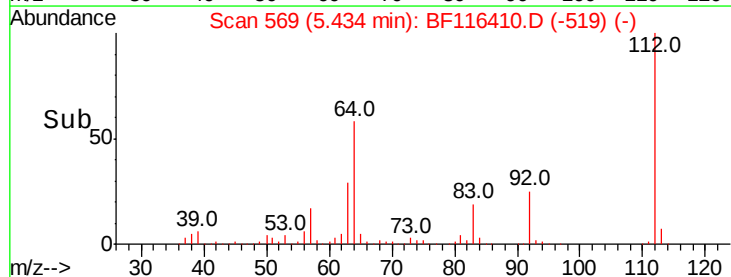
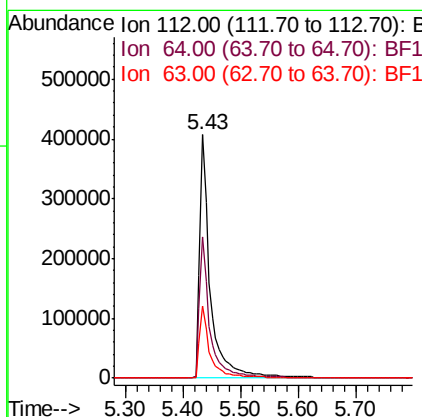
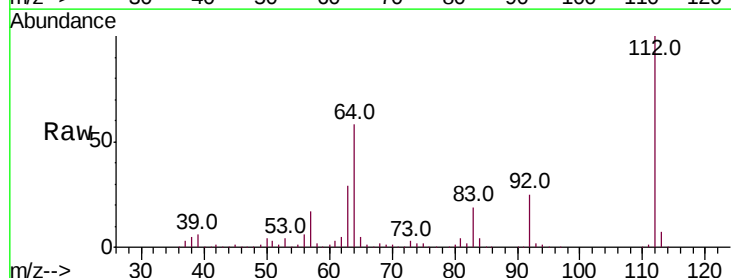
mohammad
8/22/2019 12:45:50 PM



#5

2-Fluorophenol
Concen: 79.919 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 85.959 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

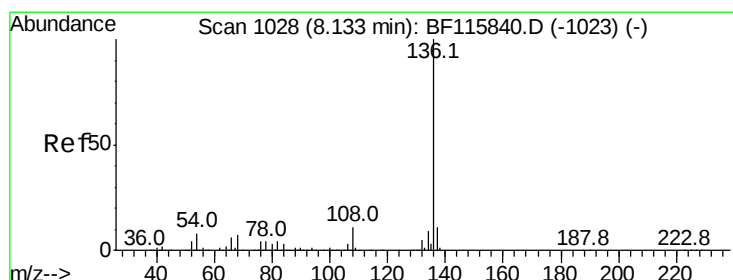
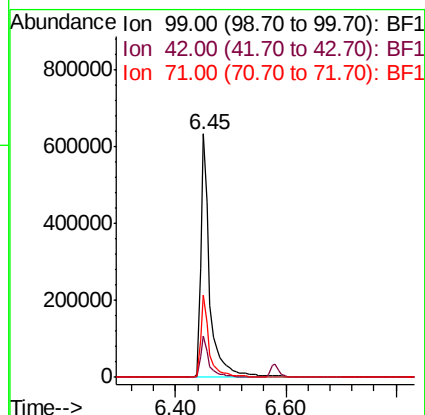
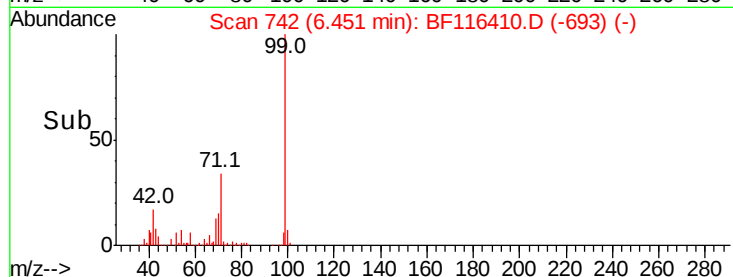
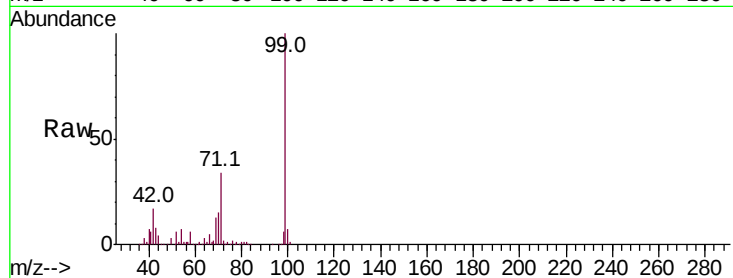
ClientSampled :

SP-15

Tot Ion:	99	Resp:	717764
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.8	20.8
71	33.7	27.3	40.9

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:50 PM



#21

Naphthalene-d8

Concen: 20.000 ng

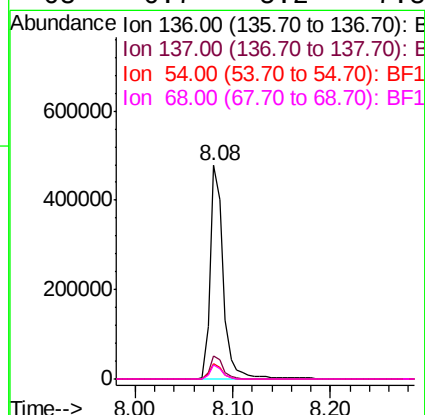
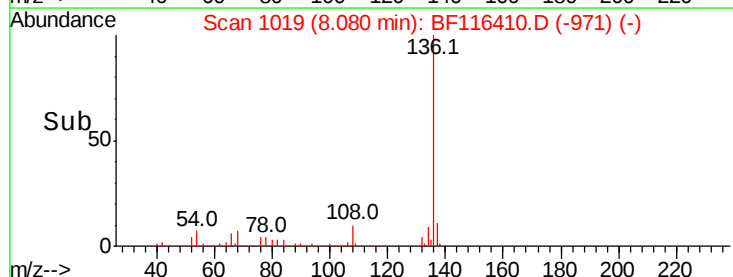
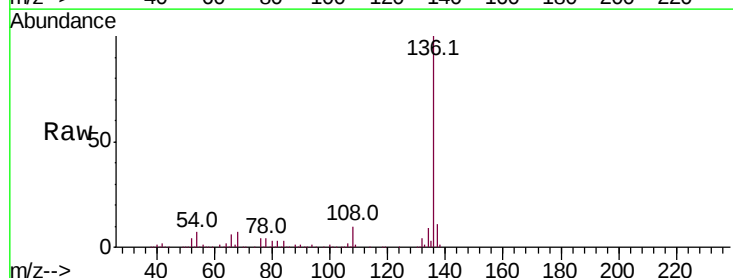
RT: 8.08 min Scan# 1019

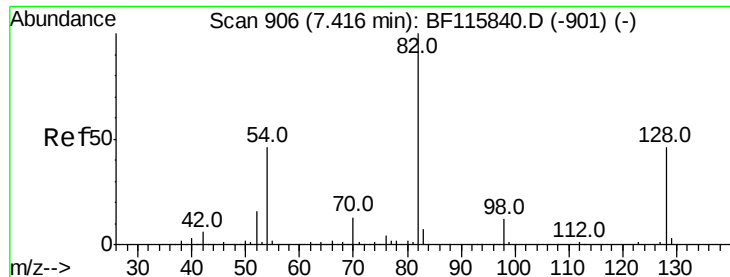
Delta R.T. -0.02 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Tgt Ion:	136	Resp:	444253
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.3	5.8	8.6
68	6.7	5.2	7.8





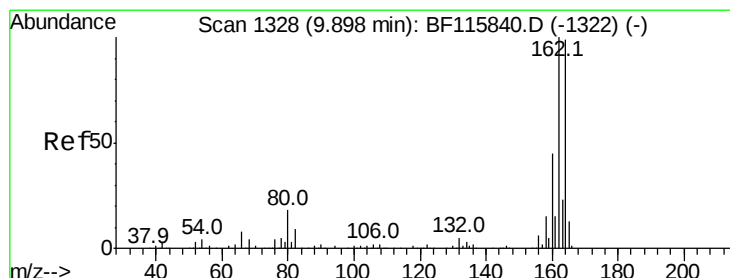
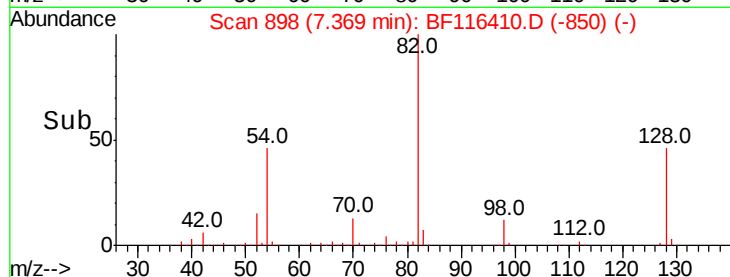
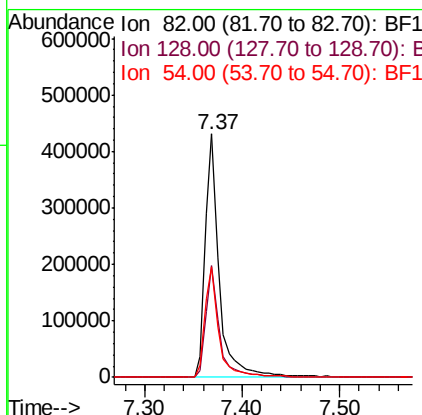
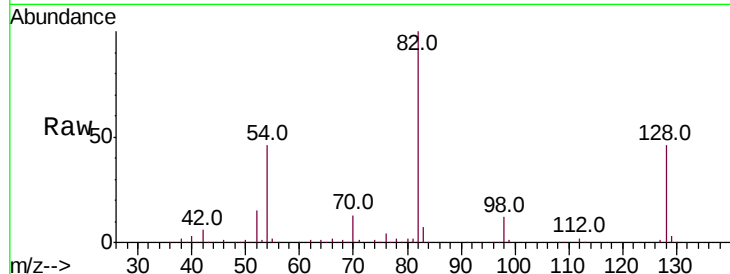
#23
 Nitrobenzene-d5
 Concen: 56.280 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116410.D
 Acq: 20 Aug 2019 1:32

Instrument :
 BNA_F
 ClientSampled :
 SP-15

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	45.5	36.0	54.0

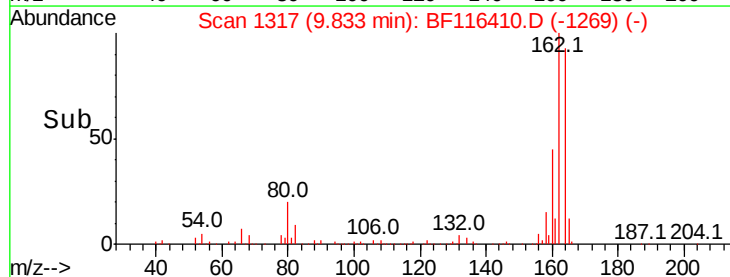
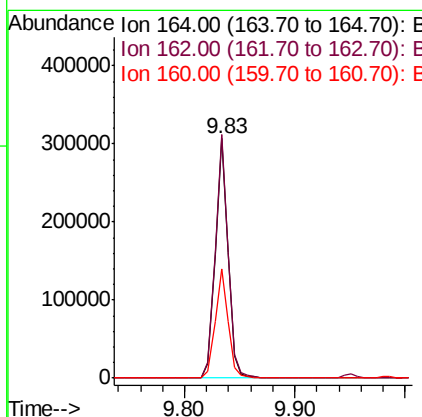
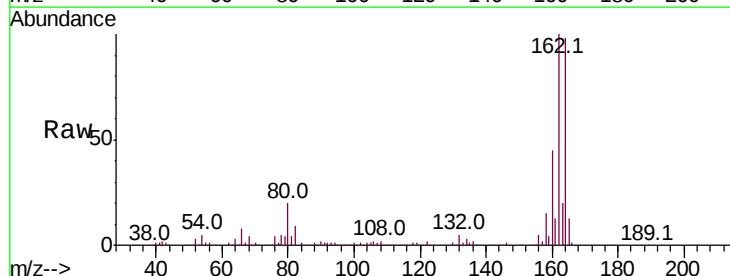
Manual Integrations
 APPROVED

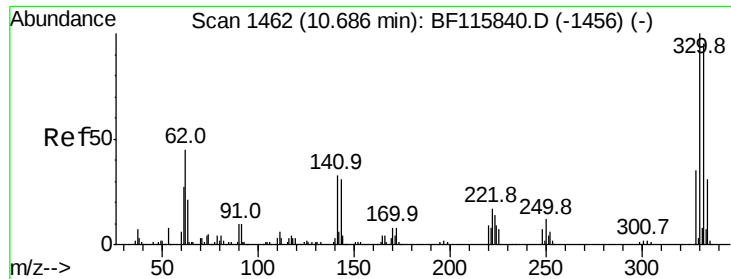
mohammad
 8/22/2019 12:45:50 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116410.D
 Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	45.5	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 85.221 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

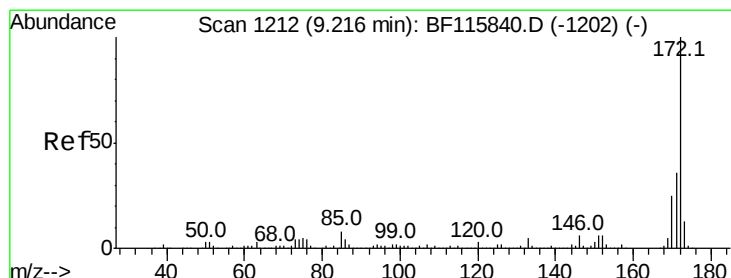
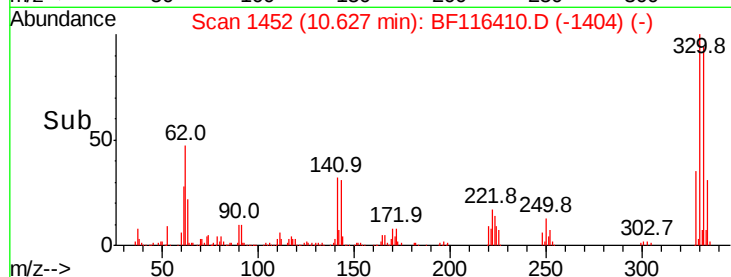
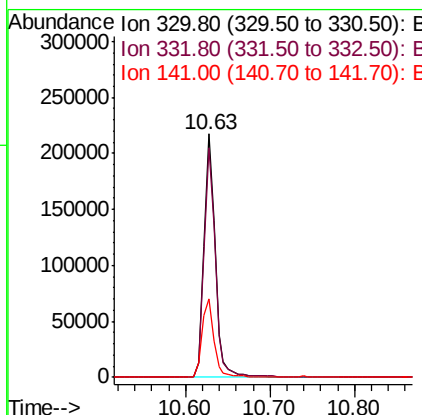
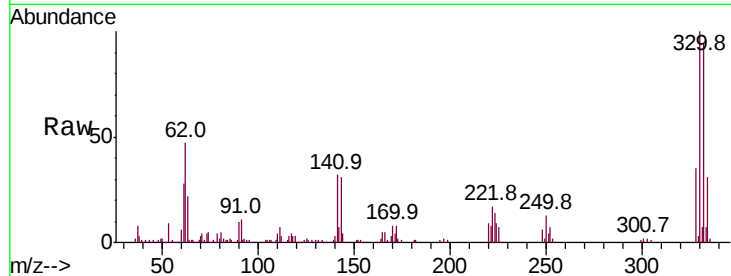
ClientSampled :

SP-15

Tot Ion:	330	Resp:	201365
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.8	115.2
141	34.4	26.3	39.5

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:50 PM



#45

2-Fluorobiphenyl

Concen: 52.518 ng

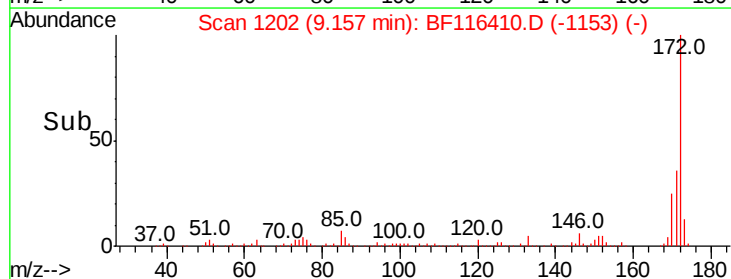
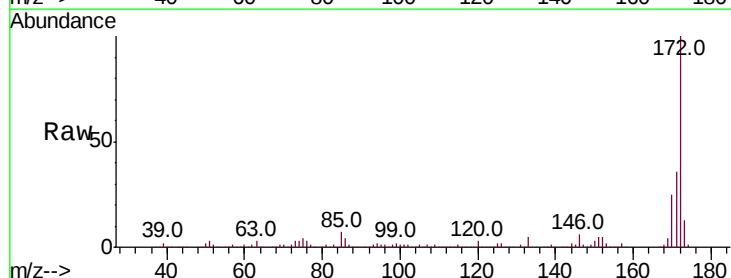
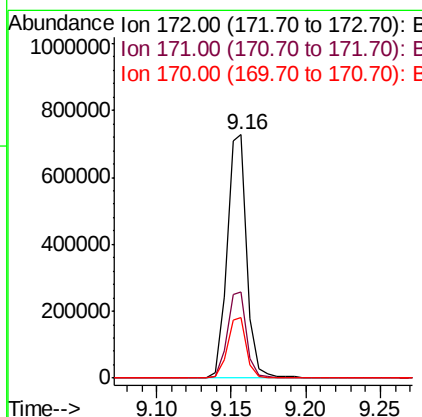
RT: 9.16 min Scan# 1202

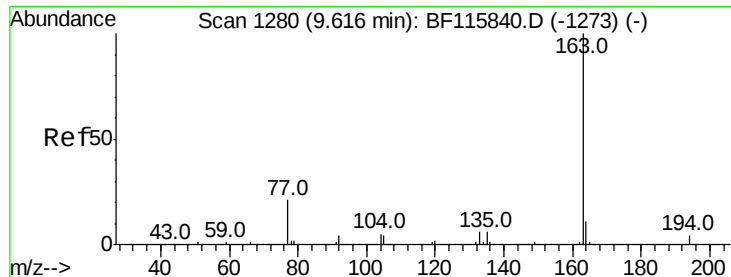
Delta R.T. -0.01 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Tgt Ion:	172	Resp:	683322
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	24.7	20.1	30.1





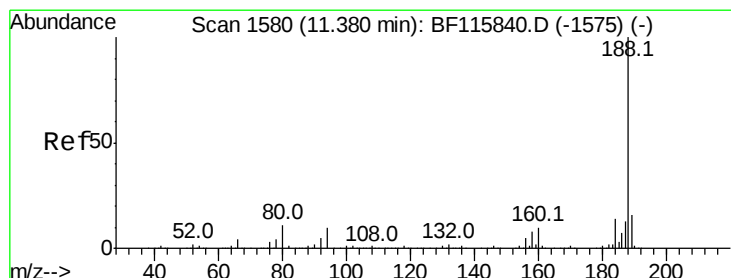
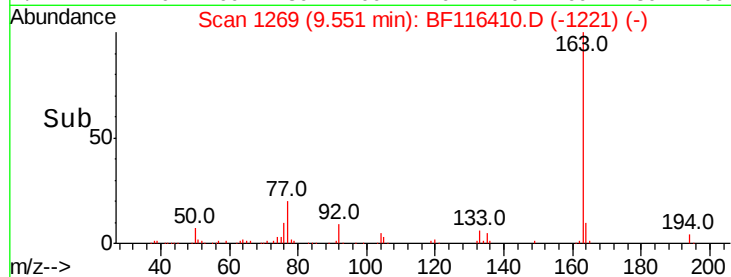
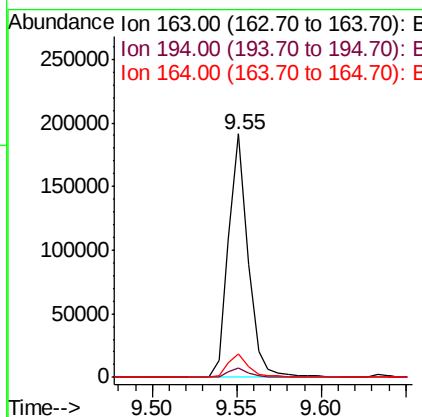
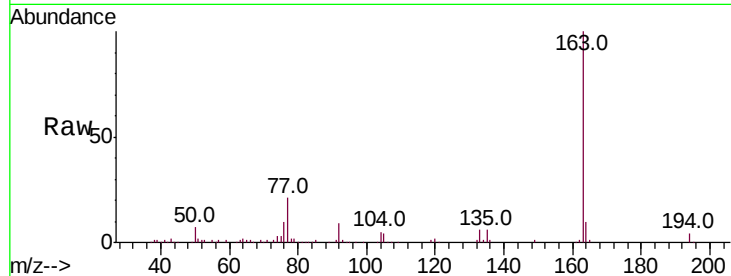
#50
Dimethylphthalate
Concen: 9.343 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Instrument :
BNA_F
ClientSampled :
SP-15

Tot Ion	Ratio	Resp	Lower	Upper
163	100	155039		
194	3.9		3.0	4.6
164	9.8		8.4	12.6

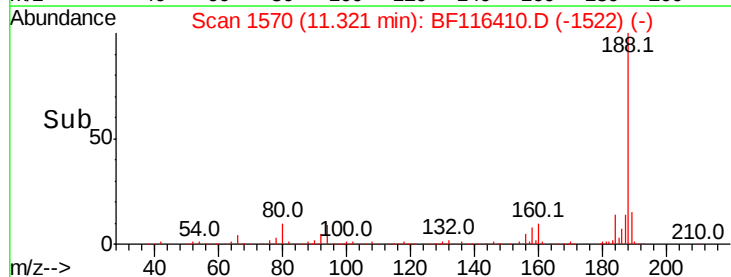
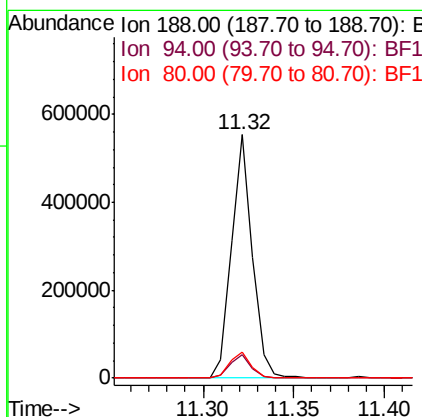
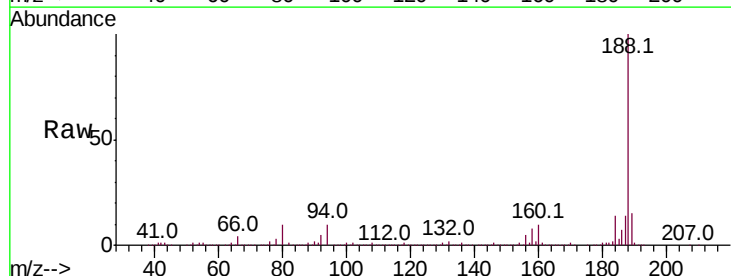
Manual Integrations
APPROVED

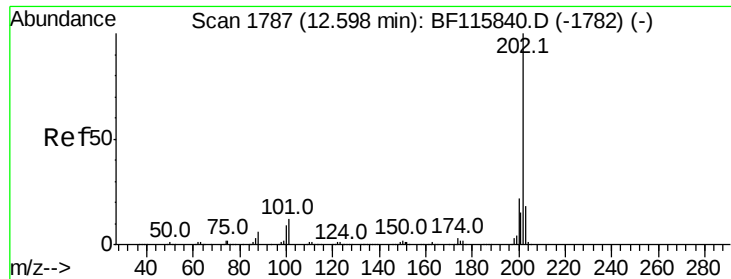
mohammad
8/22/2019 12:45:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	445825		
94	9.6		8.1	12.1
80	10.5		8.7	13.1





#75

Fluoranthene

Concen: 2.873 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

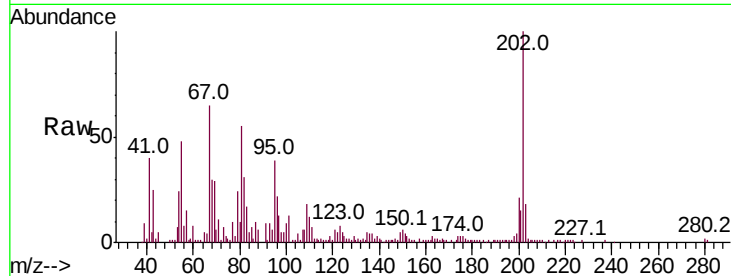
ClientSampled :

SP-15

Tot Ion:	202	Resp:	68562
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	31.2
203	18.2	0.0	37.8

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:50 PM

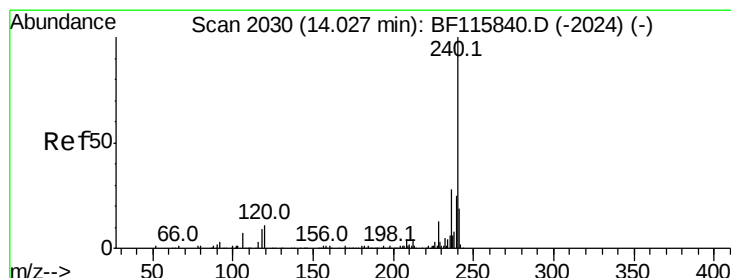
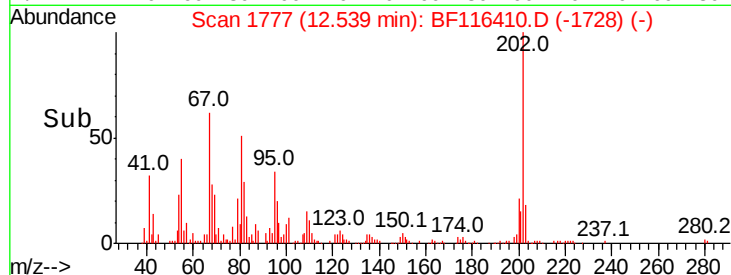
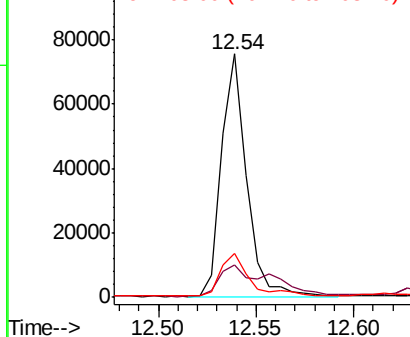


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

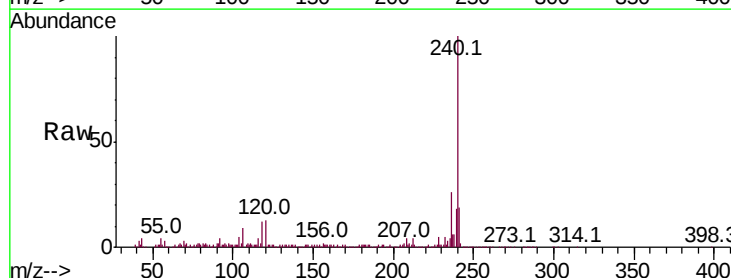
RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Tgt Ion:	240	Resp:	274709
Ion Ratio	Lower	Upper	
240	100		
120	13.4	10.7	16.1
236	26.0	22.2	33.2

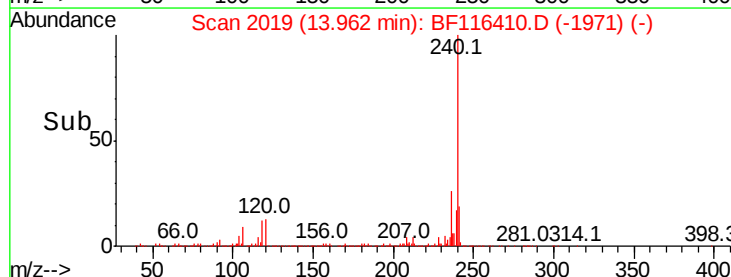
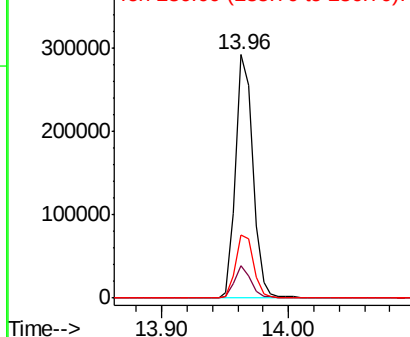


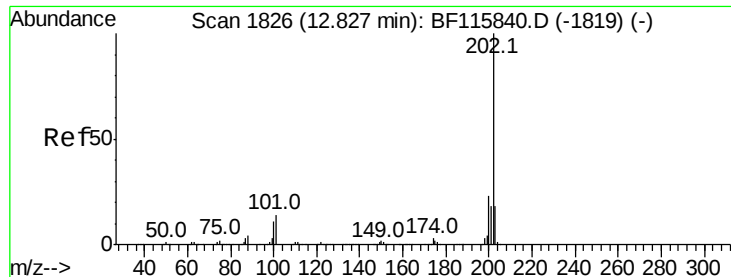
Abundance

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





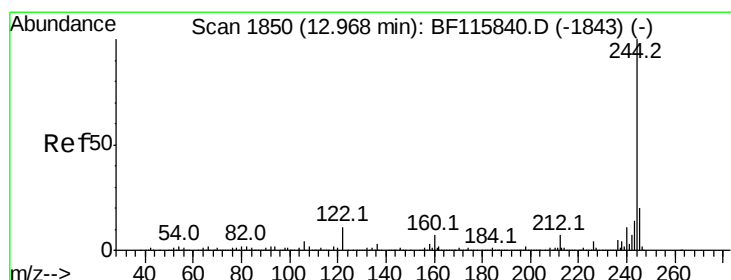
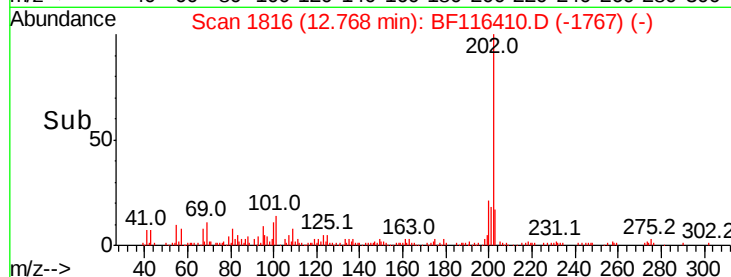
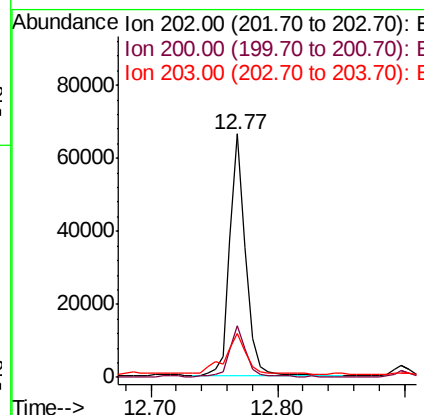
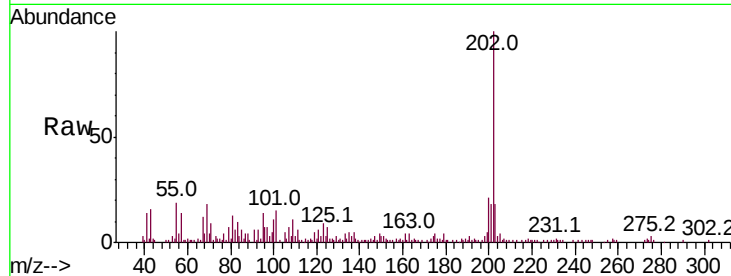
#78
Pvrene
Concen: 2.778 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	18.0	27.0
203	18.2	14.1	21.1

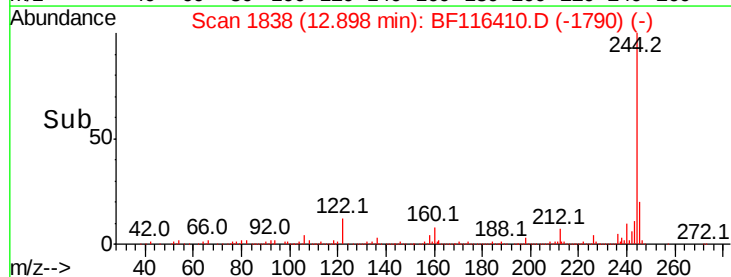
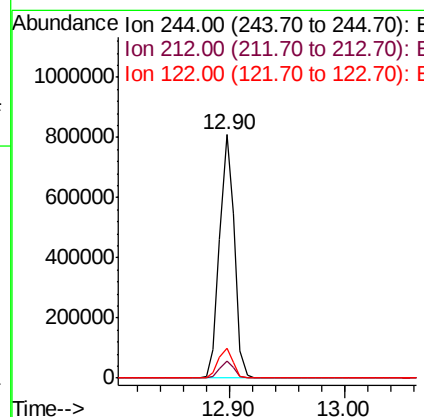
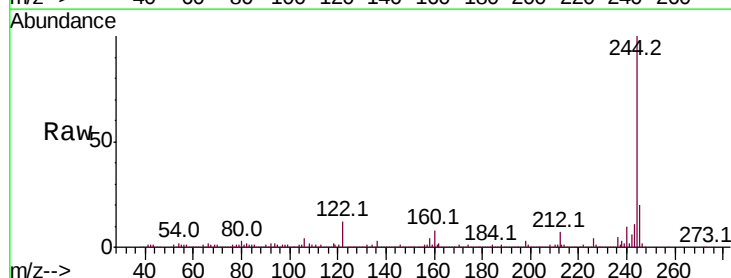
Manual Integrations
APPROVED

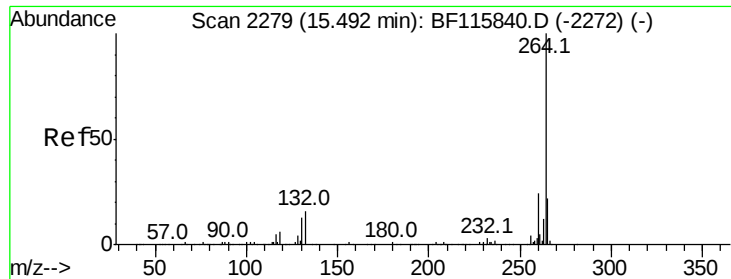
mohammad
8/22/2019 12:45:50 PM



#79
Terphenyl-d14
Concen: 54.962 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	9.0	13.4





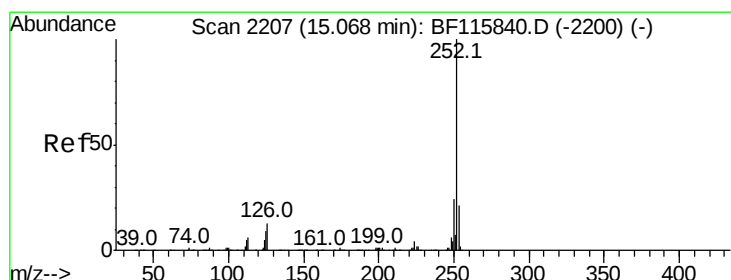
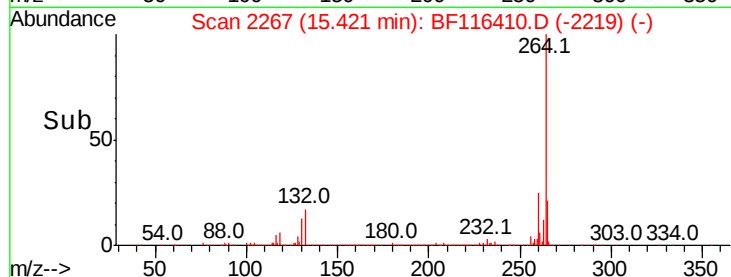
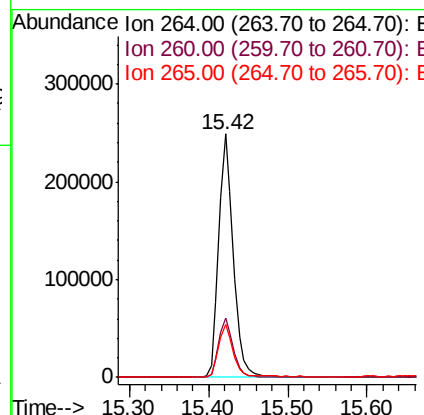
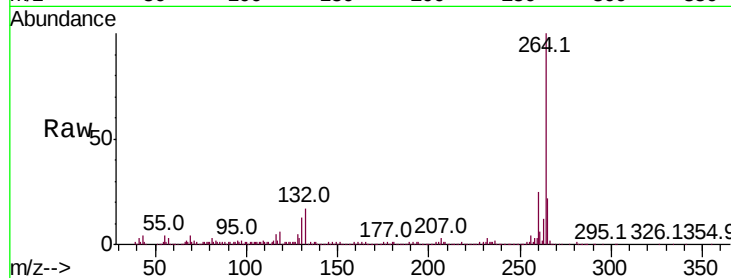
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Instrument :
BNA_F
ClientSampleId :
SP-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.7	17.4	26.0

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:50 PM



#88
Benzo(b)fluoranthene
Concen: 2.071 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	23.3	8.4	12.6

