

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115619.D
 Acq On : 17 Jul 2019 1:04
 Operator : HP/JU
 Sample : K3811-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2(PLAY-AREA)-0-6

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:26:43 PM

Quant Time: Jul 17 06:52:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132313	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	408460	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	193800	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	383505	20.00	ng	0.00
76) Chrysene-d12	14.05	240	287331	20.00	ng	0.00
87) Perylene-d12	15.53	264	250962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	142746	17.65	ng	0.00
7) Phenol-d6	6.51	99	186325	18.15	ng	0.00
23) Nitrobenzene-d5	7.44	82	109028	15.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	37567	16.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	185638	16.77	ng	0.00
79) Terphenyl-d14	12.99	244	217545	13.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	31389	2.153	ng	99
75) Fluoranthene	12.63	202	62354	3.002	ng	99
78) Pyrene	12.86	202	56004	2.301	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	38687	3.010	ng	99
88) Benzo(b)fluoranthene	15.10	252	38502m	2.383	ng	

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

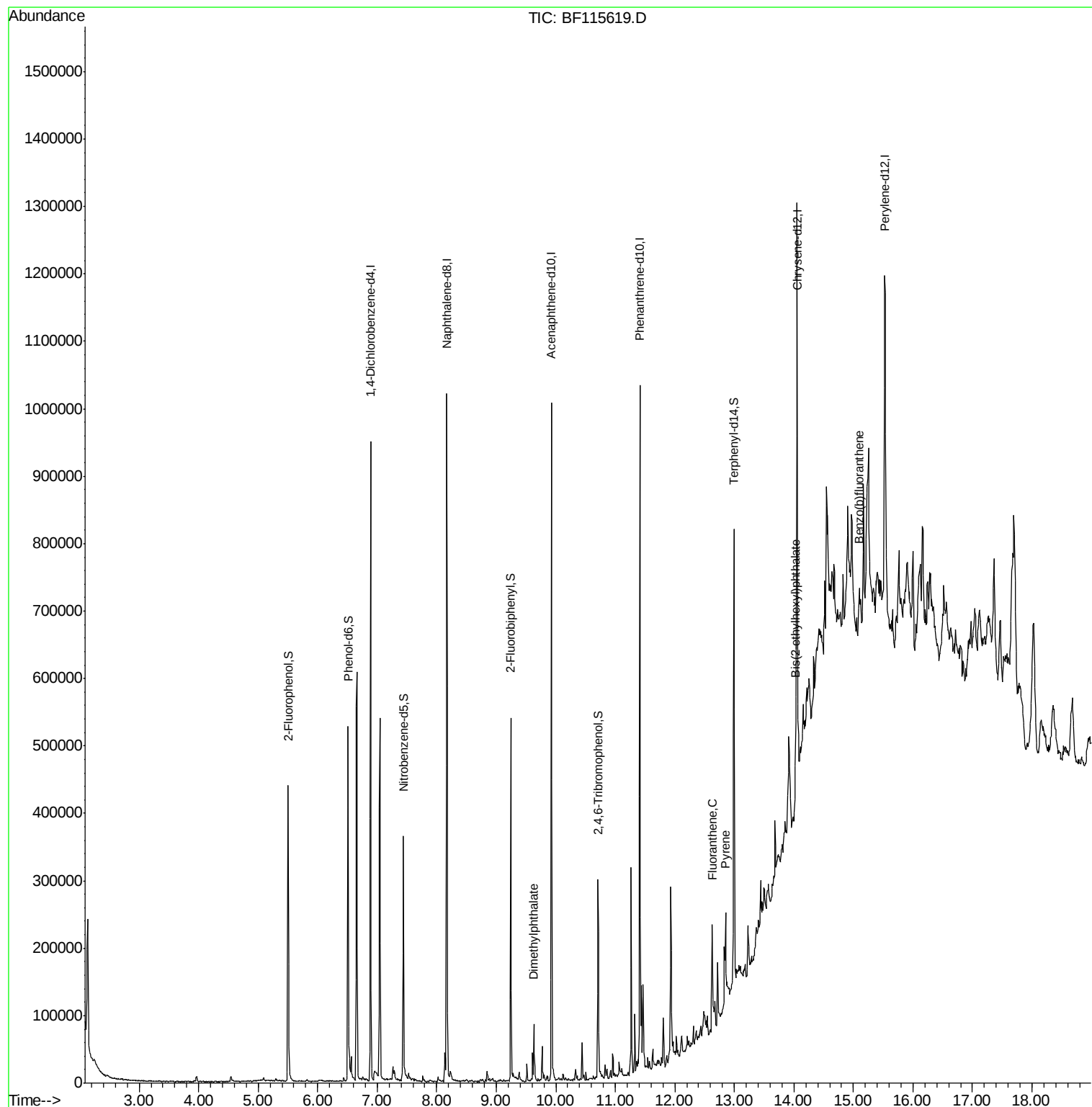
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115619.D
Acq On : 17 Jul 2019 1:04
Operator : HP/JU
Sample : K3811-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

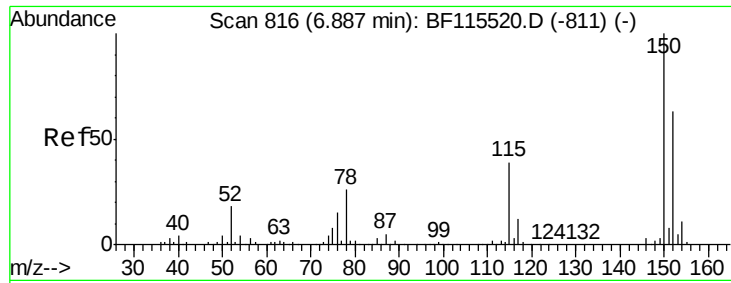
Instrument :
BNA_F
ClientSampleId :
S-2(PLAY-AREA)-0-6

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 PM

Quant Time: Jul 17 06:52:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

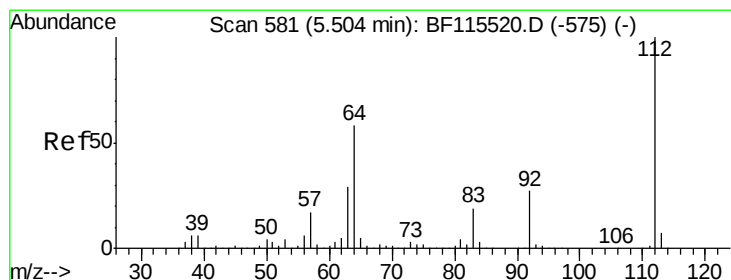
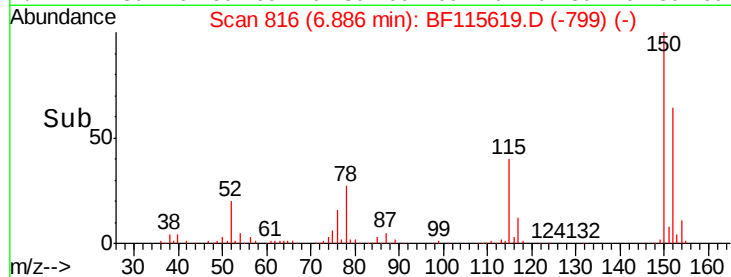
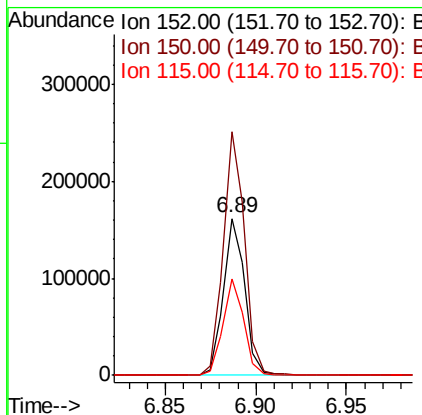
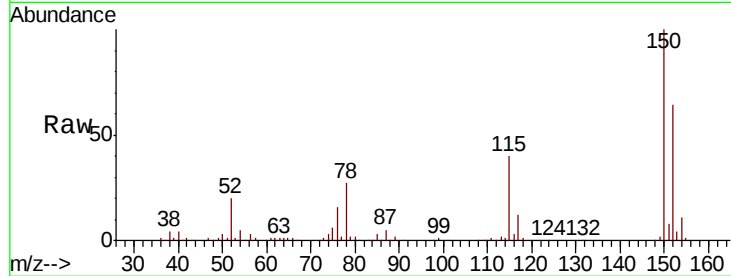
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Instrument :
BNA_F
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	129.7	194.5
115	61.3	48.2	72.4

Manual Integrations
APPROVED

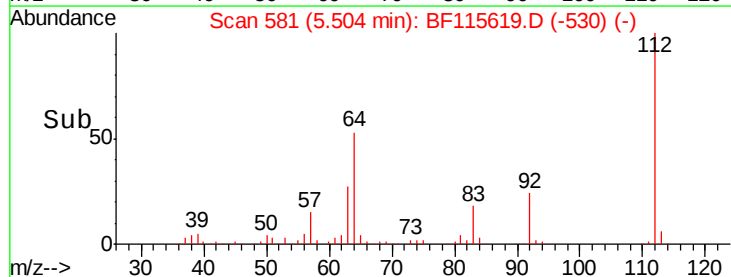
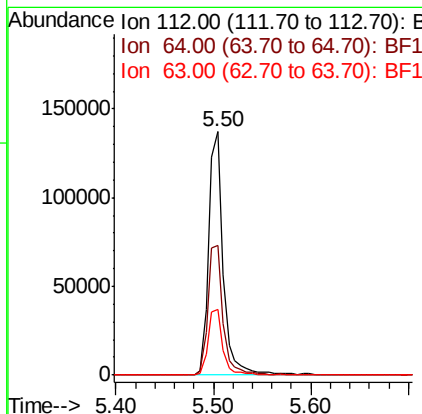
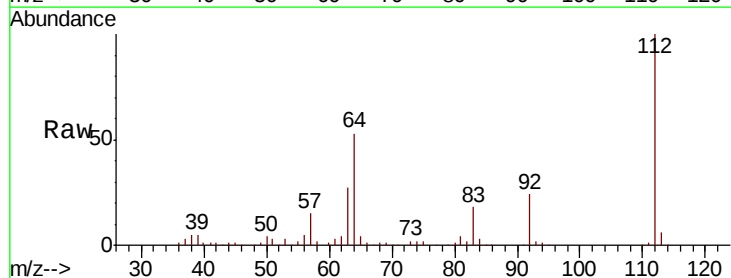
mohammad
7/19/2019 2:26:43 PM

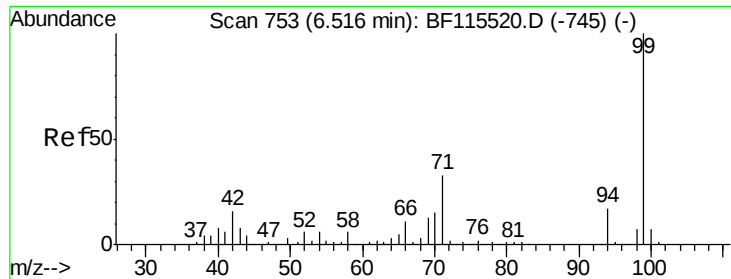


#5

2-Fluorophenol
Concen: 17.647 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.8	70.2
63	27.0	24.1	36.1





#7

Phenol-d6

Concen: 18.153 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Instrument :

BNA_F

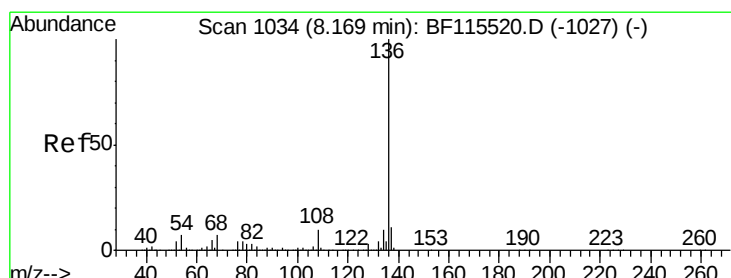
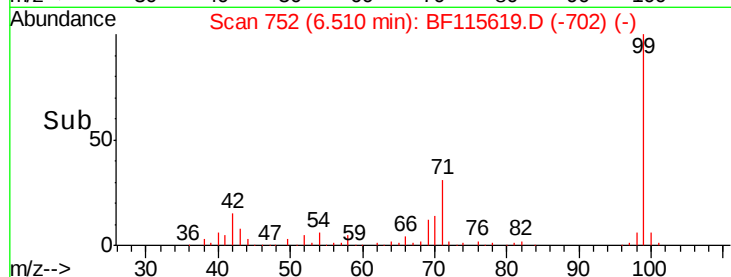
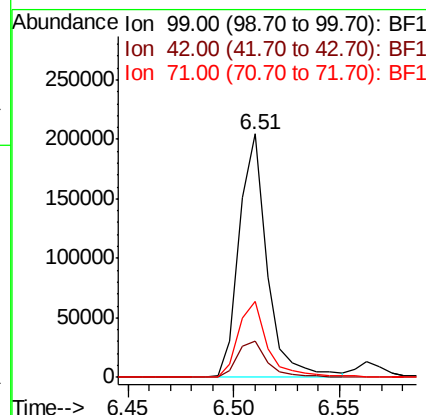
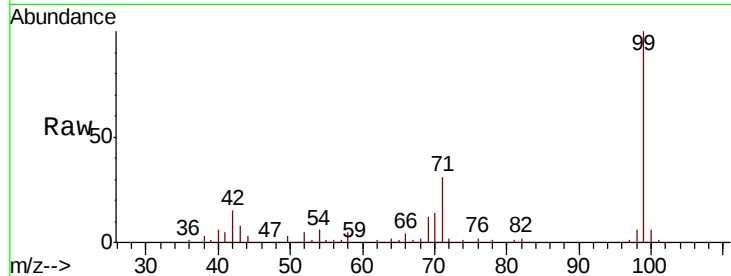
ClientSampleId :

S-2(PLAY-AREA)-0-6

Tot Ion:	99	Resp:	186325
Ion Ratio	Lower	Upper	
99	100		
42	14.7	13.6	20.4
71	31.3	28.5	42.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 PM



#21

Naphthalene-d8

Concen: 20.000 ng

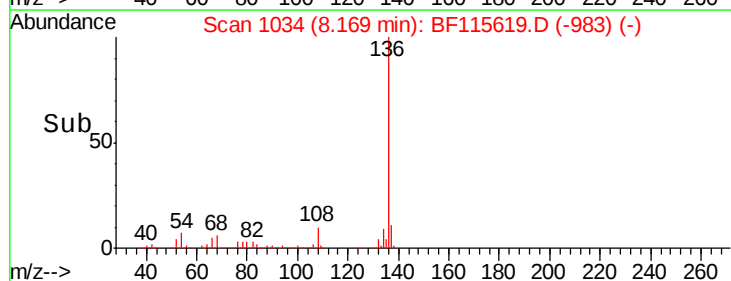
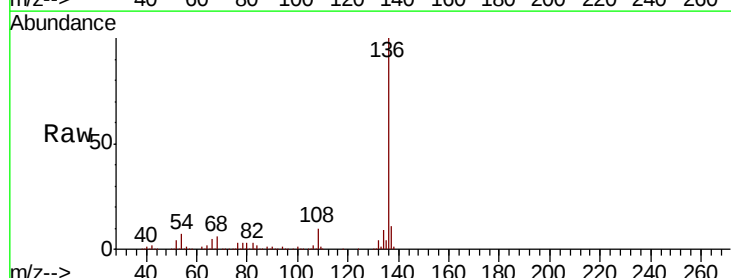
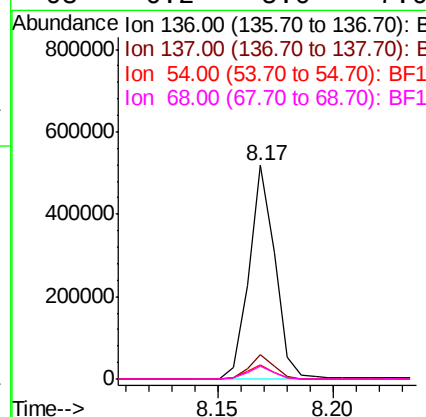
RT: 8.17 min Scan# 1034

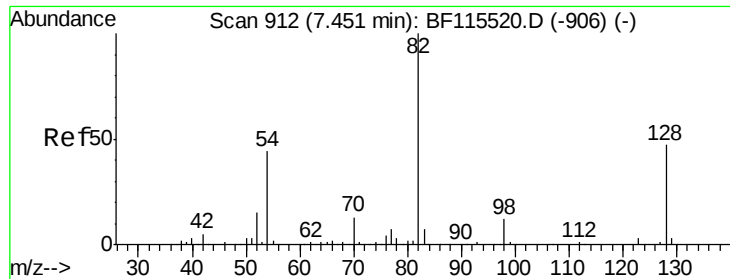
Delta R.T. -0.00 min

Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Tgt Ion:	136	Resp:	408460
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	6.7	5.6	8.4
68	6.2	5.0	7.6





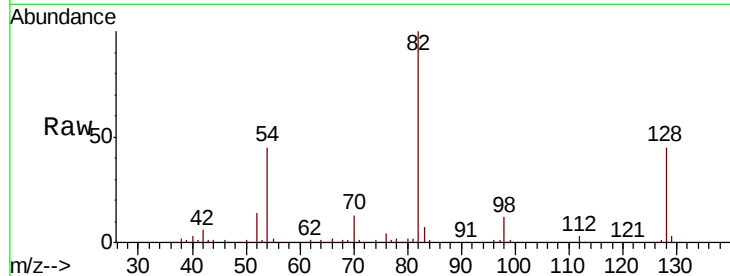
#23
Nitrobenzene-d5
Concen: 15.521 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Instrument :
BNA_F
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.6	57.8
54	45.0	35.6	53.4

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 PM

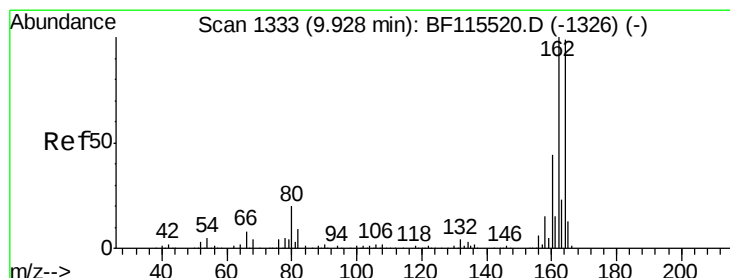
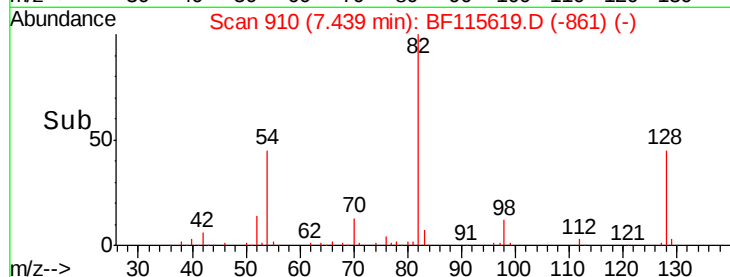
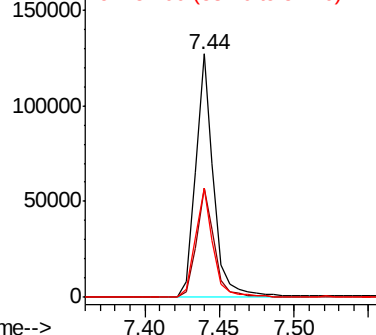


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

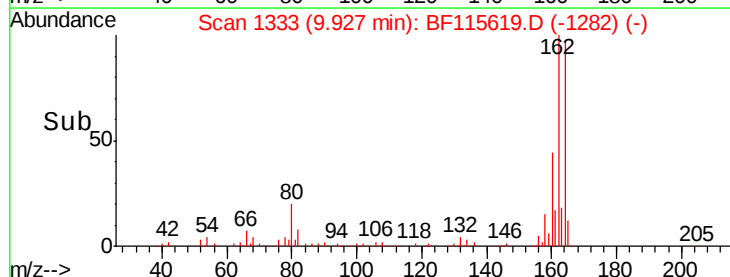
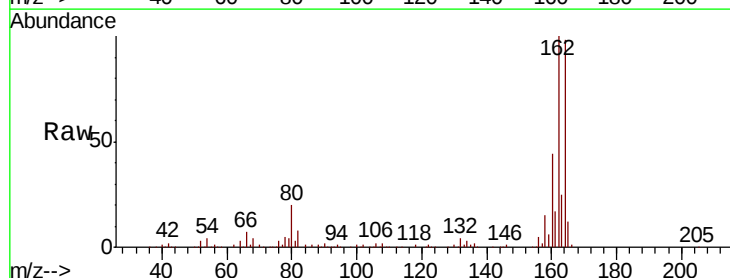
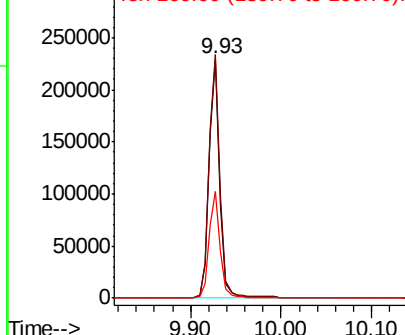
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.9	124.3
160	44.9	36.8	55.2

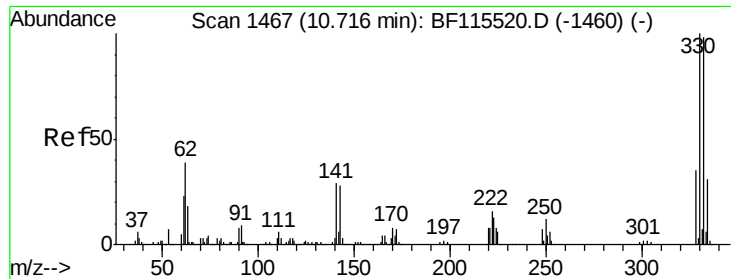
Abundance

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: 16.607 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Instrument :

BNA_F

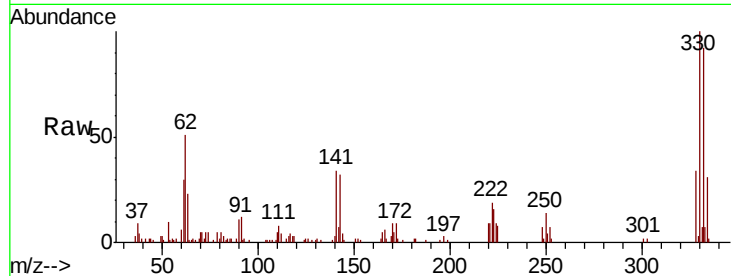
ClientSampleId :

S-2(PLAY-AREA)-0-6

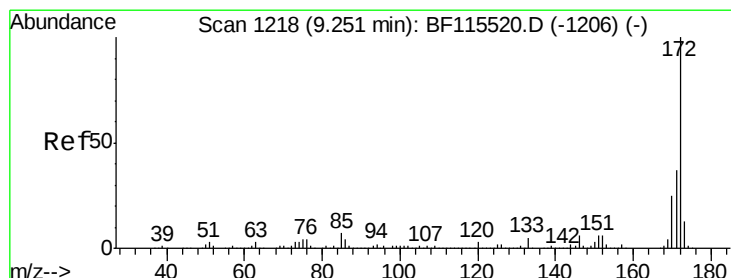
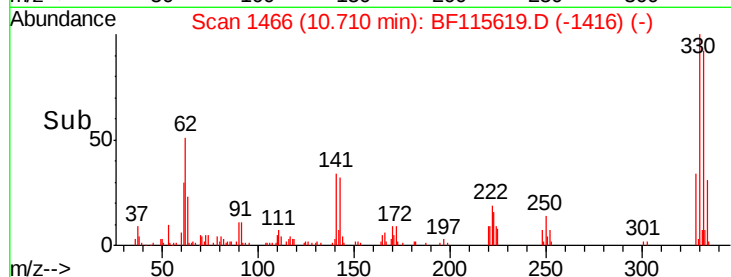
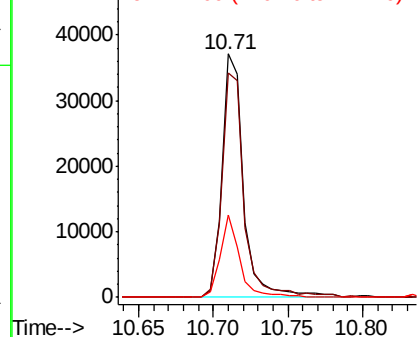
Tot Ion:	330	Resp:	37567
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.2
141	30.2	22.4	33.6

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 PM



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: 16.766 ng

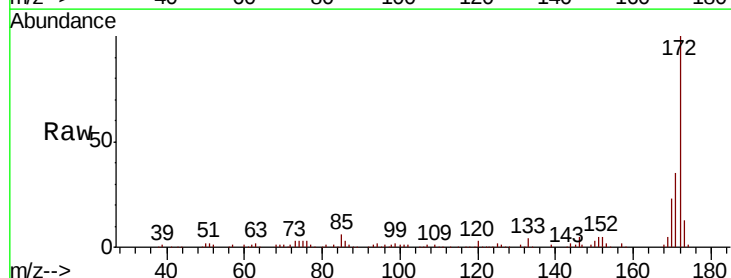
RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

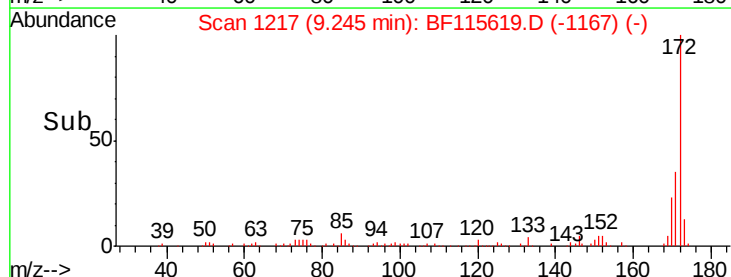
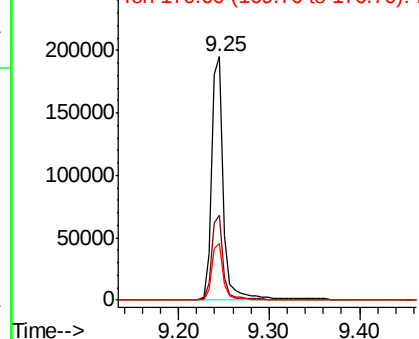
Lab File: BF115619.D

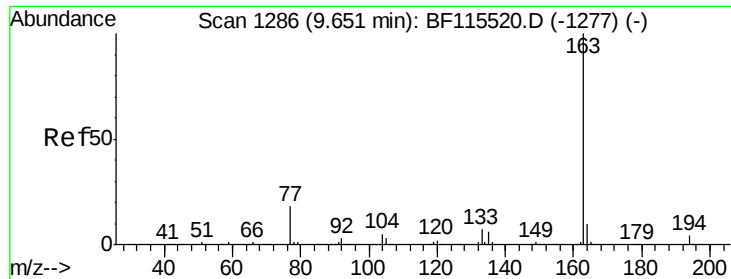
Acq: 17 Jul 2019 1:04

Tgt Ion:	172	Resp:	185638
Ion Ratio	Lower	Upper	
172	100		
171	35.0	30.6	46.0
170	23.2	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.153 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Instrument :

BNA_F

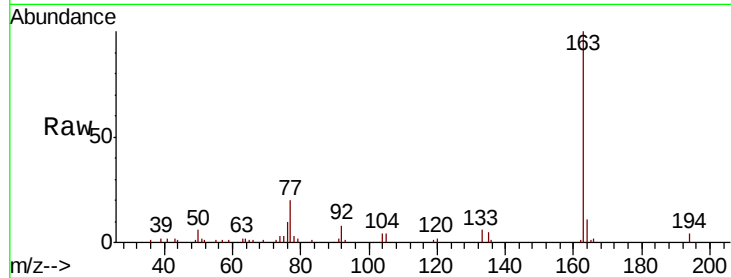
ClientSampleId :

S-2(PLAY-AREA)-0-6

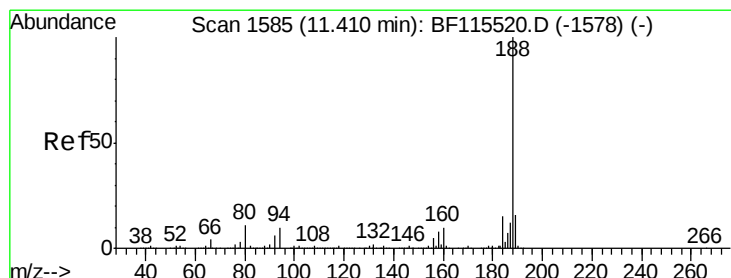
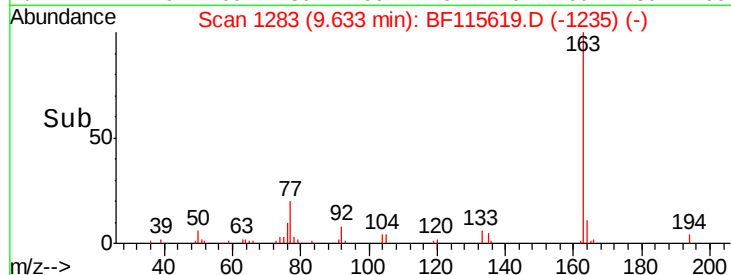
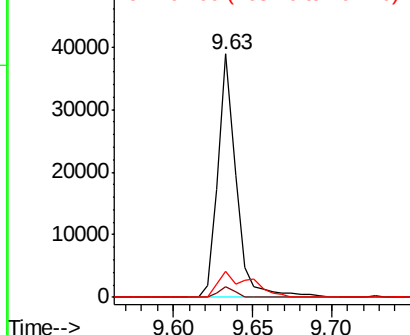
Tot Ion:	163	Resp:	31389
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	10.5	8.7	13.1

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

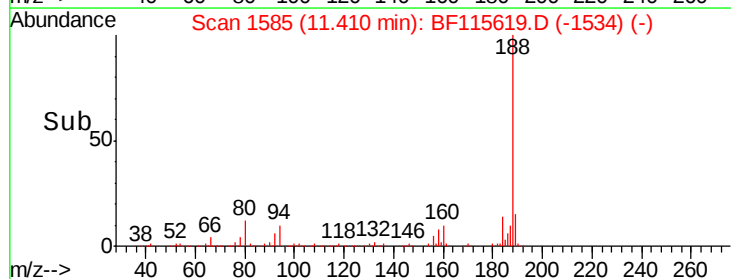
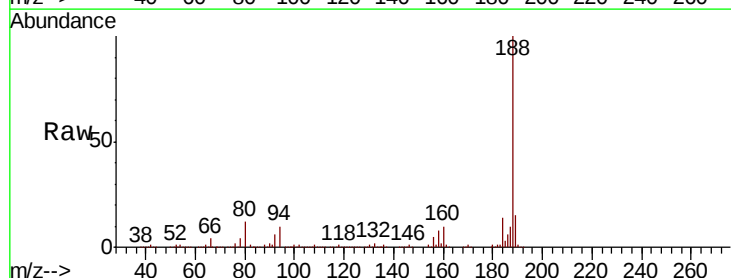
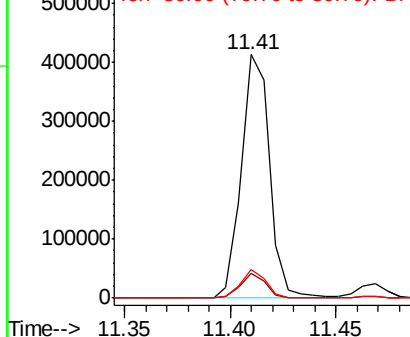
Delta R.T. -0.00 min

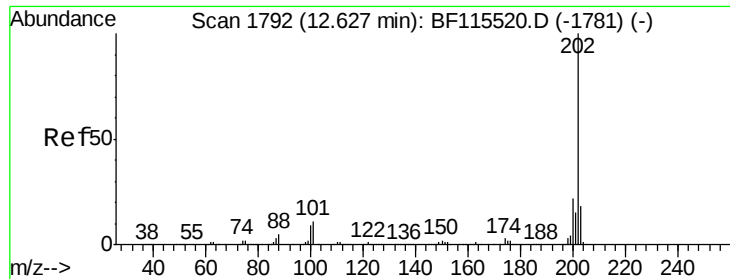
Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Tgt Ion:	188	Resp:	383505
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.8	11.6
80	11.7	8.6	13.0

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





#75

Fluoranthene

Concen: 3.002 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Instrument :

BNA_F

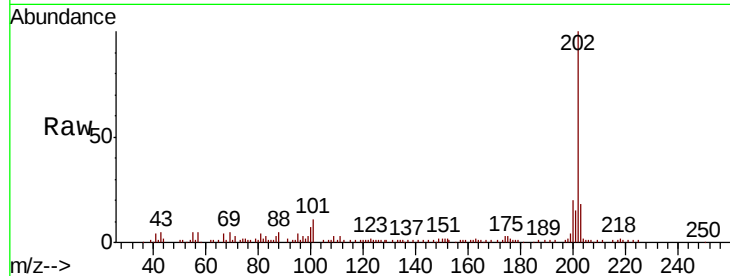
ClientSampleId :

S-2(PLAY-AREA)-0-6

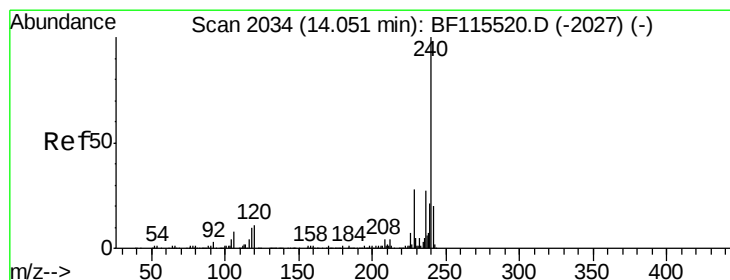
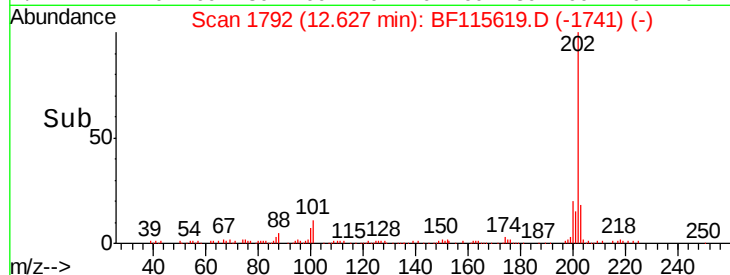
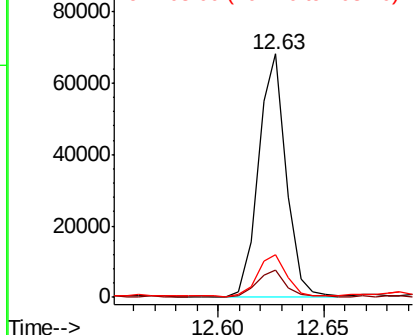
Tot Ion:	202	Resp:	62354
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.4
203	17.6	0.0	38.1

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 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

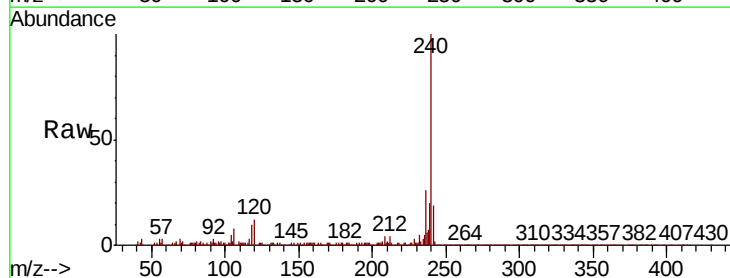
RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

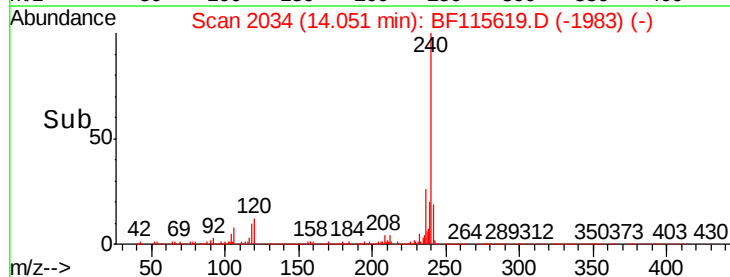
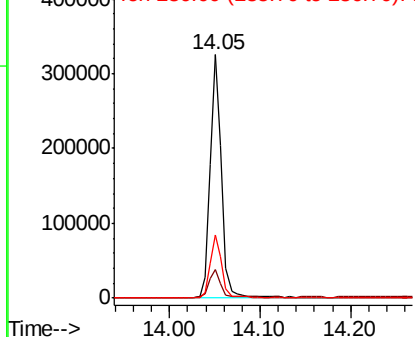
Lab File: BF115619.D

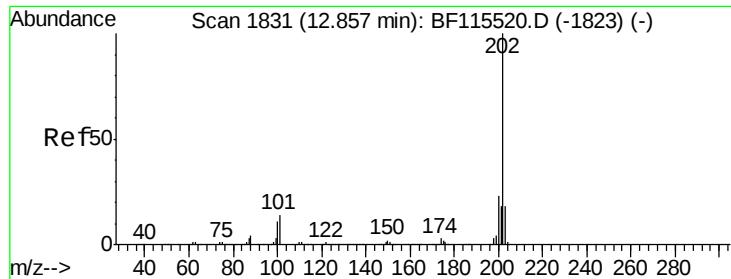
Acq: 17 Jul 2019 1:04

Tgt Ion:	240	Resp:	287331
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.6	13.0
236	25.9	21.3	31.9



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





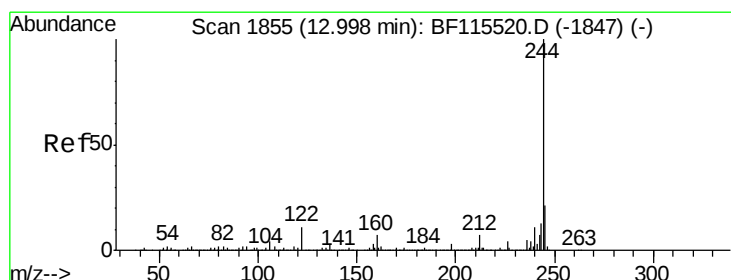
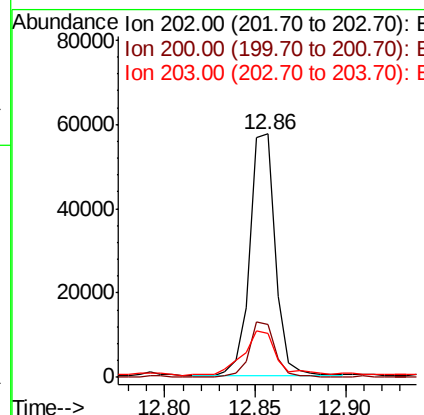
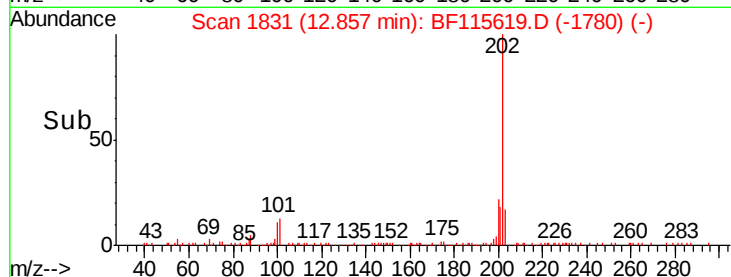
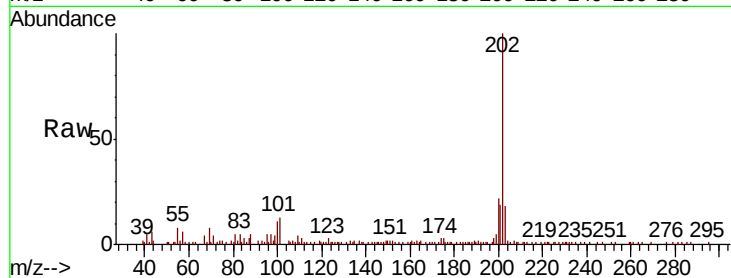
#78
Pvrene
Concen: 2.301 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Instrument :
BNA_F
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tot Ion:	202	Resp:	56004
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.7	28.1
203	18.2	15.2	22.8

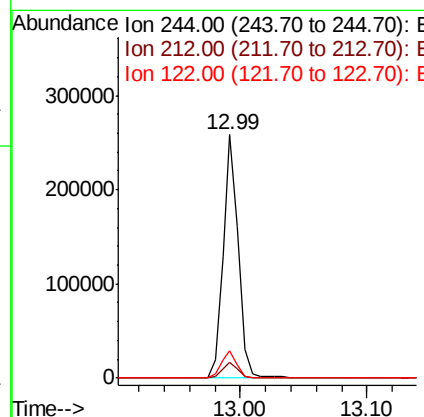
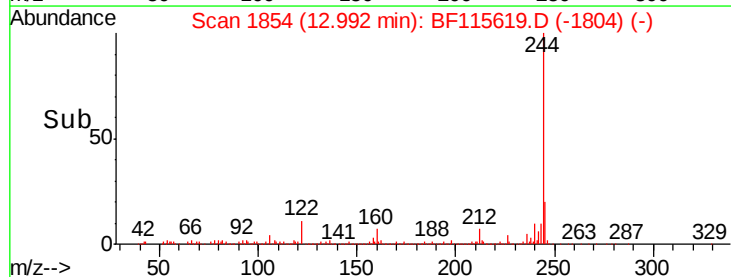
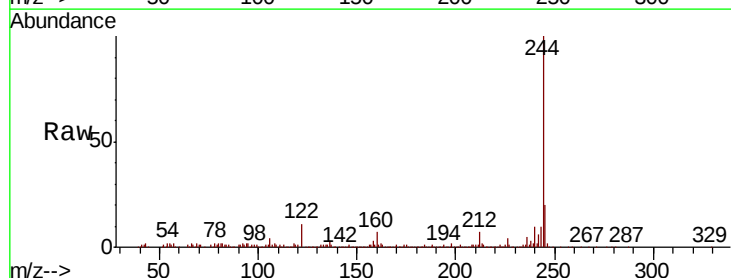
Manual Integrations
APPROVED

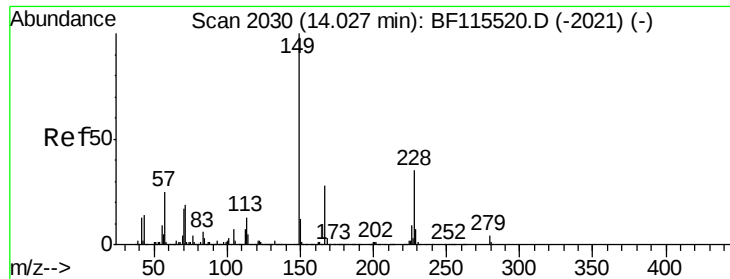
mohammad
7/19/2019 2:26:43 PM



#79
Terphenyl-d14
Concen: 13.970 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Tgt Ion:	244	Resp:	217545
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.0	9.0
122	11.3	8.6	12.8





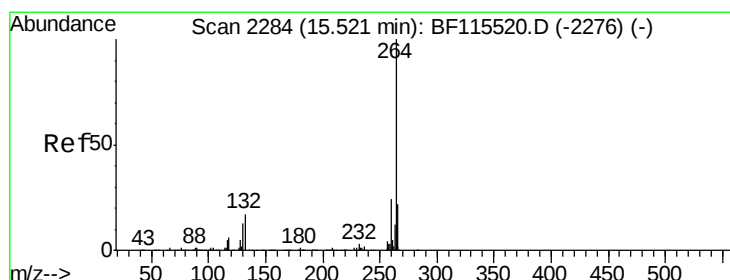
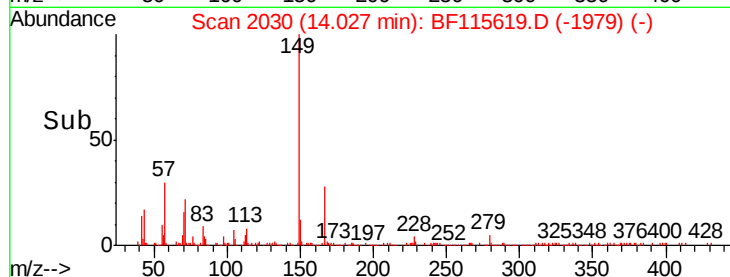
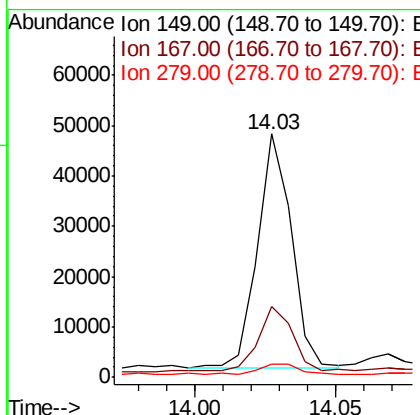
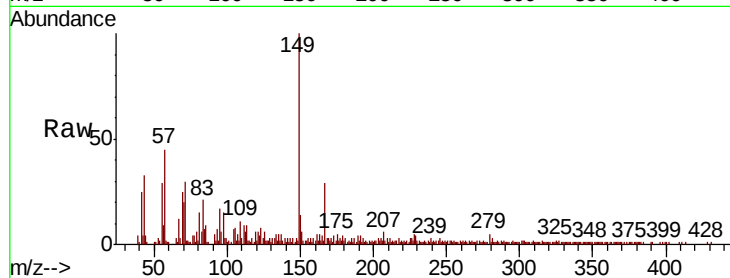
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.010 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Instrument :
BNA_F
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.4
279	5.4	4.2	6.2

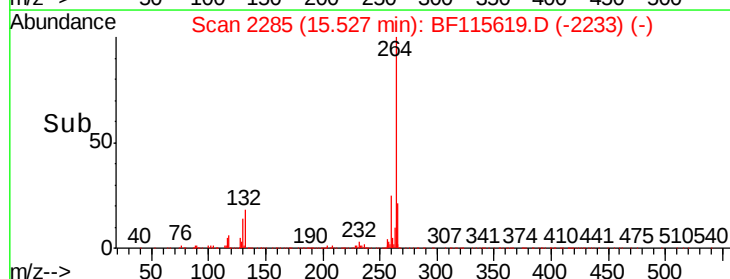
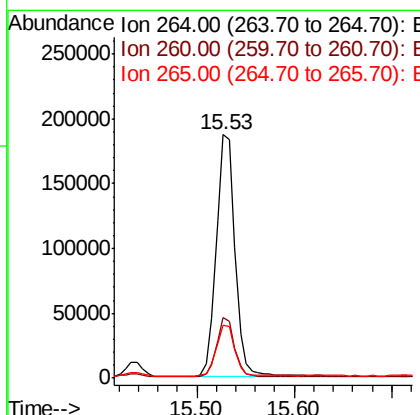
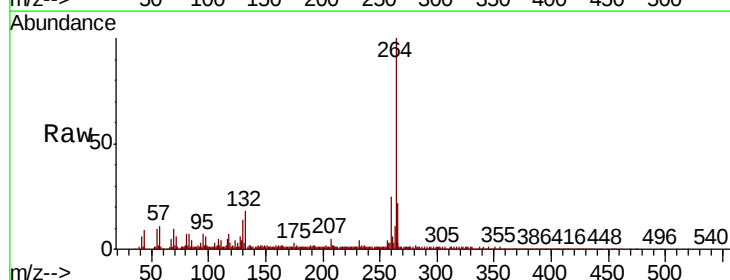
Manual Integrations
APPROVED

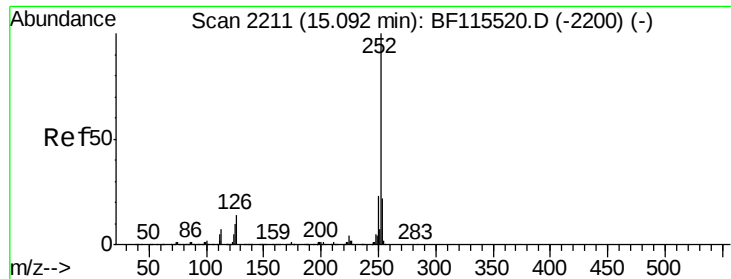
mohammad
7/19/2019 2:26:43 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF115619.D
Acq: 17 Jul 2019 1:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	21.5	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.383 ng/mL

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF115619.D

Acq: 17 Jul 2019 1:04

Instrument :

BNA_F

ClientSampleId :

S-2(PLAY-AREA)-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.1	27.1
125	28.4	9.0	13.4

Manual Integrations
APPROVED

mohammad
7/19/2019 2:26:43 PM

