

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114834.D
 Acq On : 5 Jun 2019 22:34
 Operator : HP/JU
 Sample : K3189-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8A

Manual Integrations
 APPROVED

mohammad
 6/6/2019 4:50:31 PM

Quant Time: Jun 06 07:25:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	304645	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1218585	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	638102	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1256627	20.00	ng	0.00
76) Chrysene-d12	13.79	240	857569	20.00	ng	0.00
87) Perylene-d12	15.17	264	905596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1217291	69.82	ng	0.00
7) Phenol-d6	6.30	99	1508265	71.10	ng	0.00
23) Nitrobenzene-d5	7.22	82	909889	45.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	466344	67.82	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1765456	51.83	ng	0.00
79) Terphenyl-d14	12.75	244	1982620	44.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	426675	9.155	ng	99
71) Phenanthrene	11.19	178	175599	2.927	ng	94
75) Fluoranthene	12.37	202	319485	5.117	ng	96
78) Pyrene	12.60	202	290138	3.900	ng	94
81) Benzo(a)anthracene	13.78	228	136778	2.070	ng	95
83) Chrysene	13.81	228	139600	2.172	ng	97
84) Bis(2-ethylhexyl)phthalate	13.80	149	415800	8.753	ng	99
88) Benzo(b)fluoranthene	14.79	252	181435m	3.147	ng	
90) Benzo(a)pyrene	15.11	252	117213	2.349	ng	# 97

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

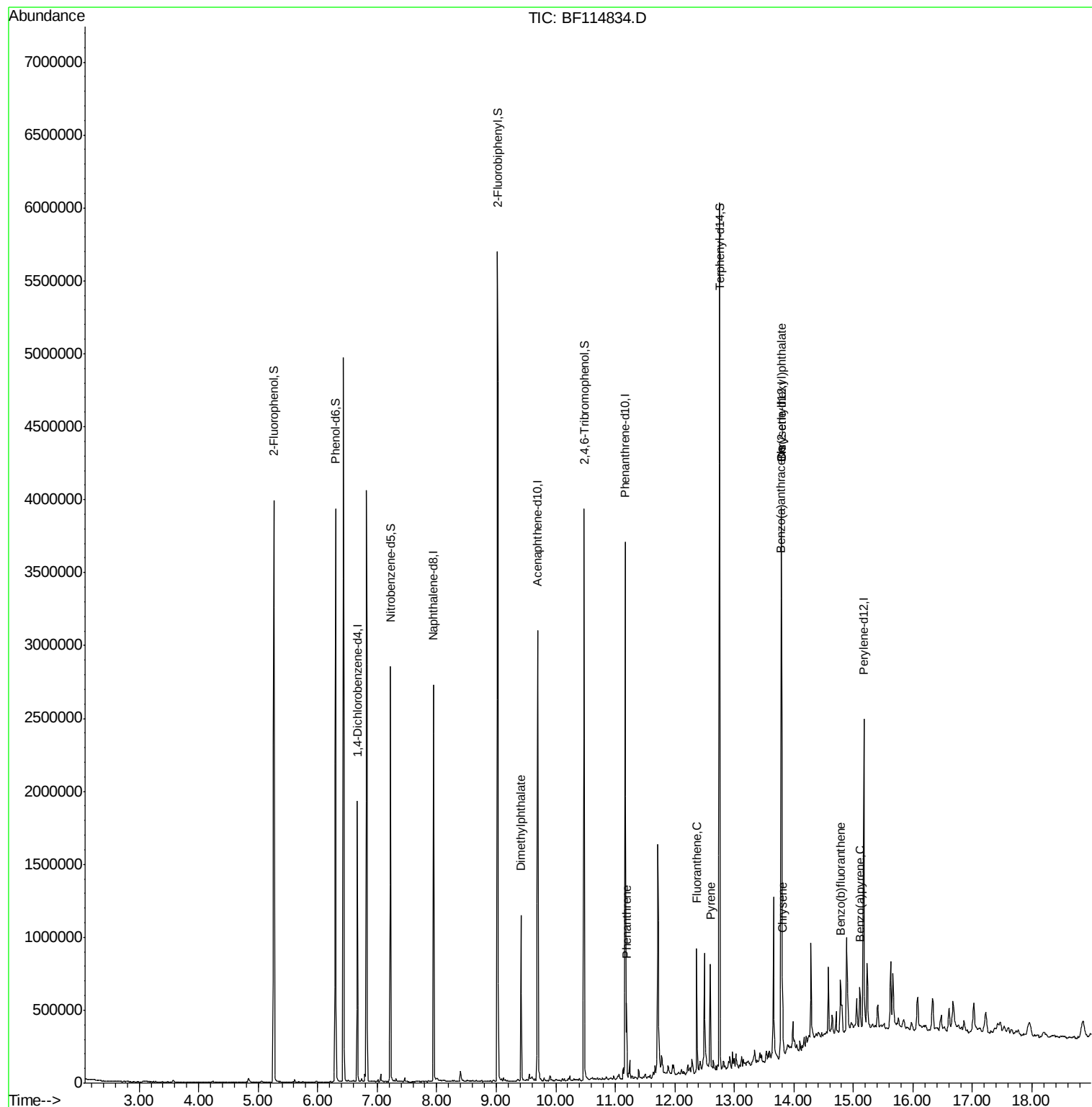
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114834.D
Acq On : 5 Jun 2019 22:34
Operator : HP/JU
Sample : K3189-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

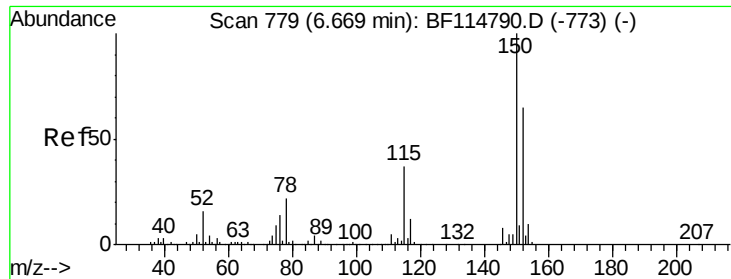
Instrument :
BNA_F
ClientSampleId :
S-8A

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 PM

Quant Time: Jun 06 07:25:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration





#1

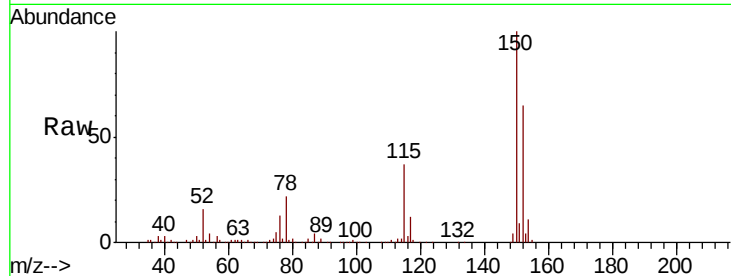
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Instrument :
BNA_F
ClientSampleId :
S-8A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.0	186.0
115	56.6	46.3	69.5

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 PM

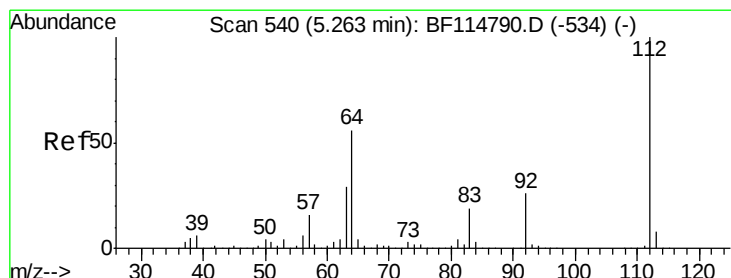
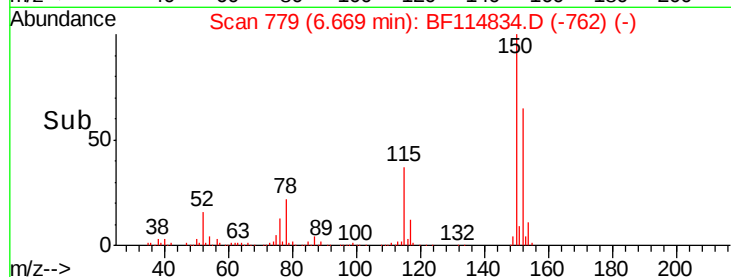
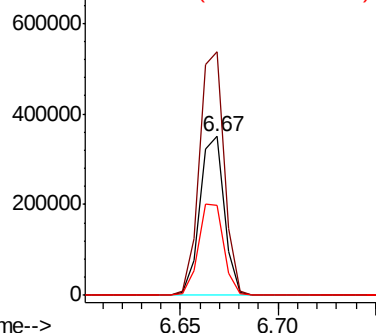


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

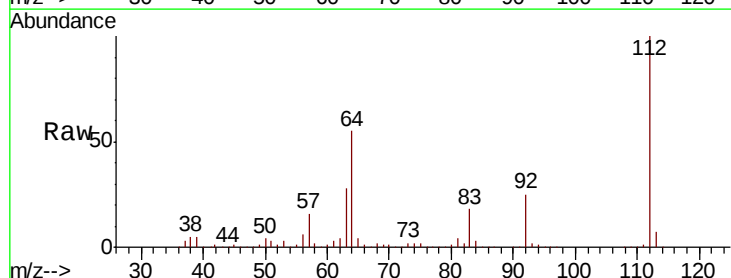
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.820 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.6	66.8
63	27.6	23.0	34.4

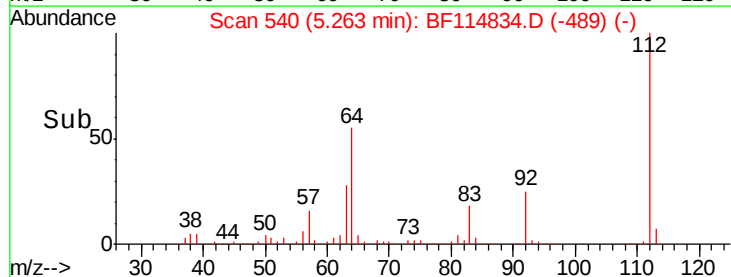
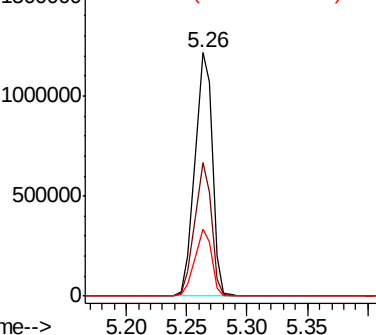


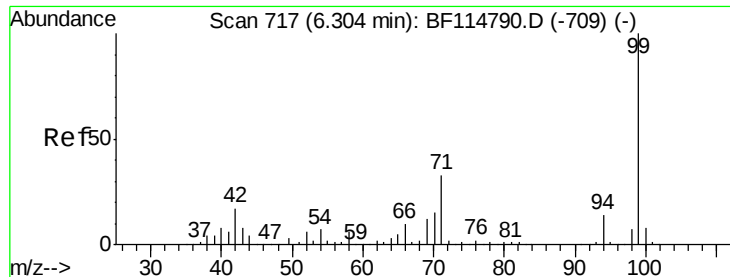
Abundance

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: 71.096 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF114834.D

Acq: 5 Jun 2019 22:34

Instrument :

BNA_F

ClientSampleId :

S-8A

Tot Ion: 99 Resp: 1508265

Ion Ratio Lower Upper

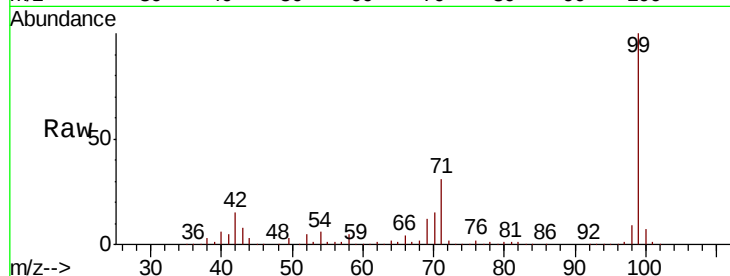
99 100

42 15.1 13.3 19.9

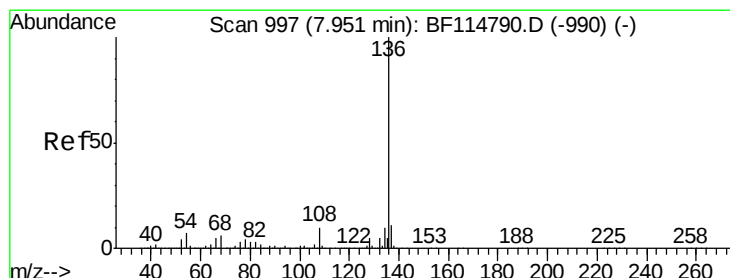
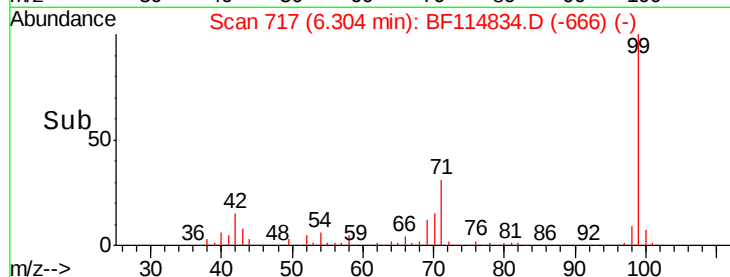
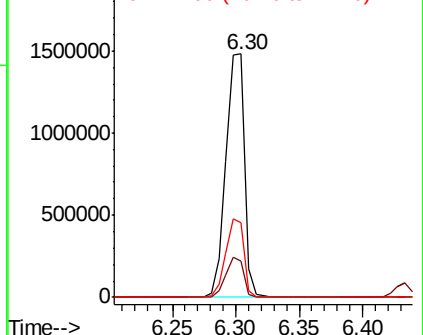
71 30.7 26.3 39.5

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114834.D

Acq: 5 Jun 2019 22:34

Tgt Ion: 136 Resp: 1218585

Ion Ratio Lower Upper

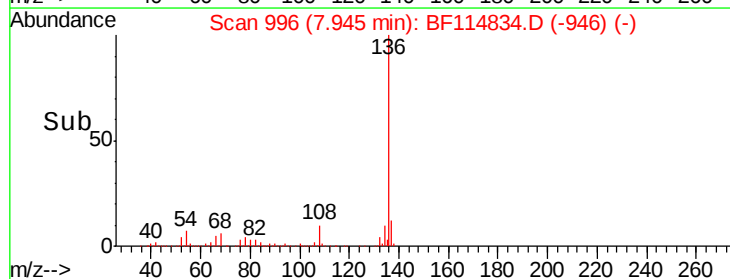
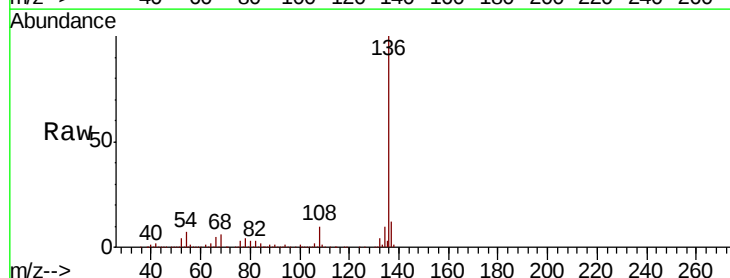
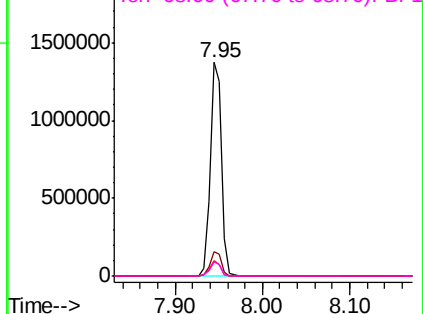
136 100

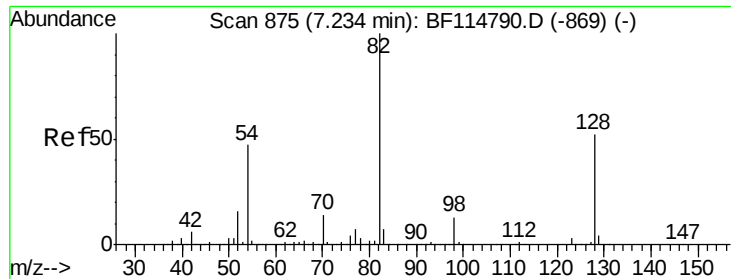
137 11.6 9.1 13.7

54 7.5 5.4 8.0

68 6.4 4.6 6.8

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





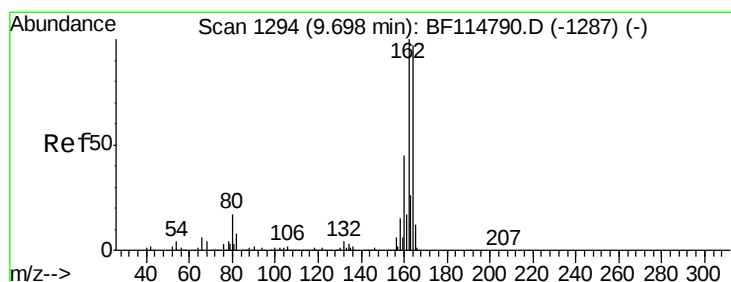
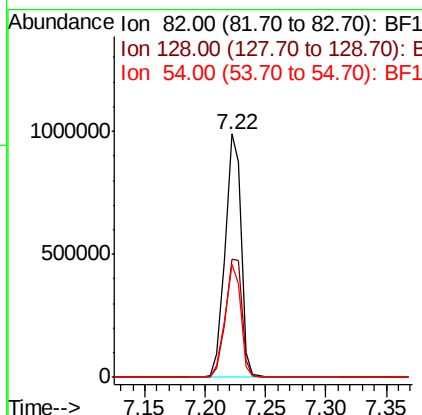
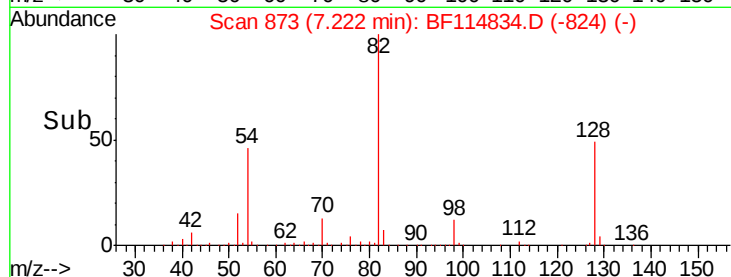
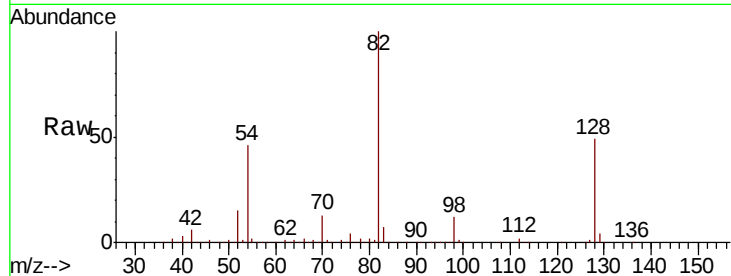
#23
 Nitrobenzene-d5
 Concen: 45.964 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Instrument :
 BNA_F
 ClientSampleId :
 S-8A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	909889		
128	48.8		41.8	62.6
54	46.5		37.9	56.9

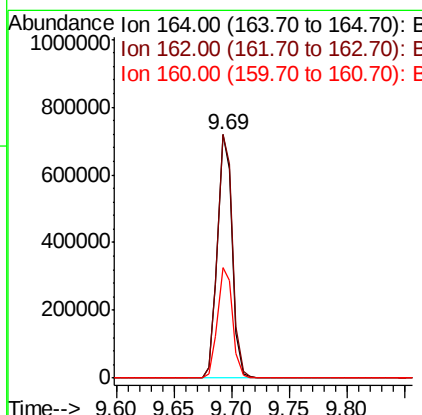
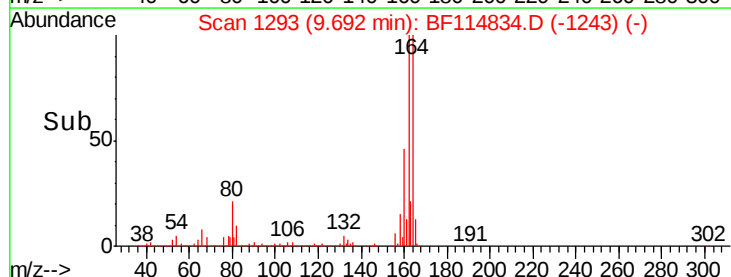
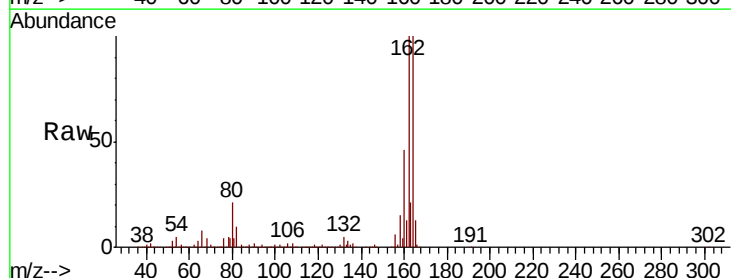
Manual Integrations
 APPROVED

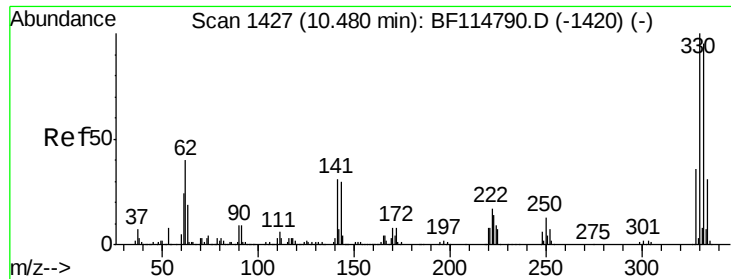
mohammad
 6/6/2019 4:50:31 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	638102		
162	99.9		82.3	123.5
160	45.5		36.7	55.1





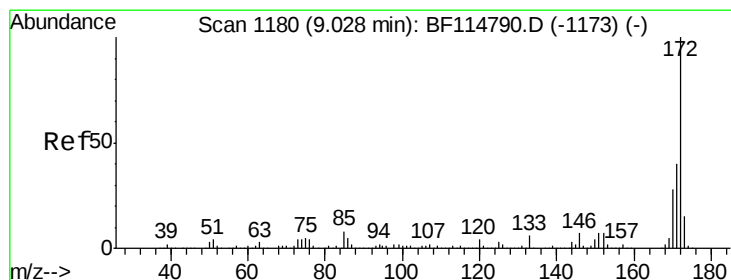
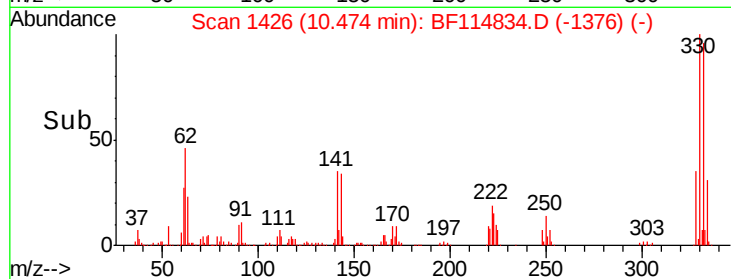
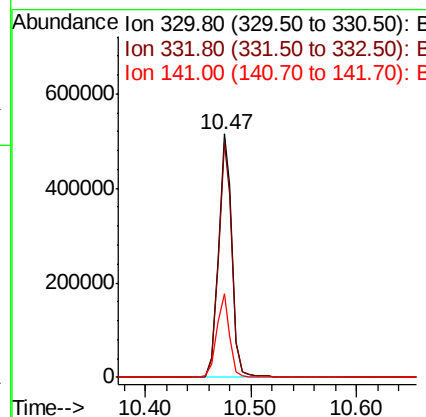
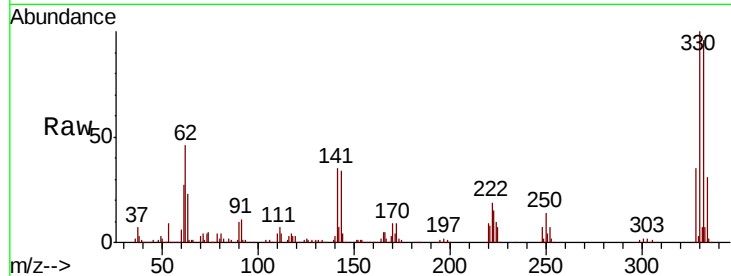
#42
 2,4,6-Tribromophenol
 Concen: 67.816 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Instrument :
 BNA_F
 ClientSampleId :
 S-8A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	32.9	26.2	39.4

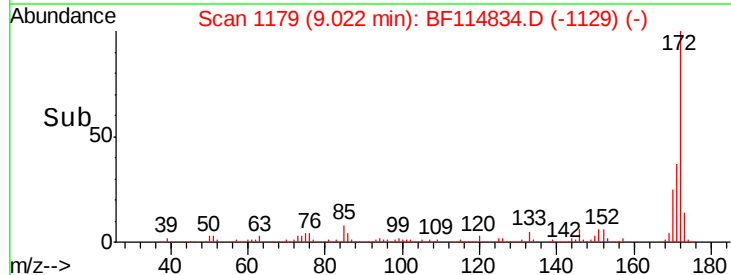
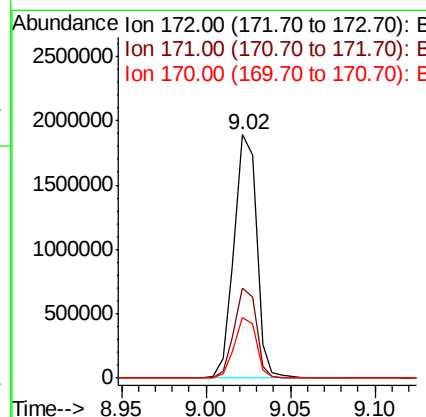
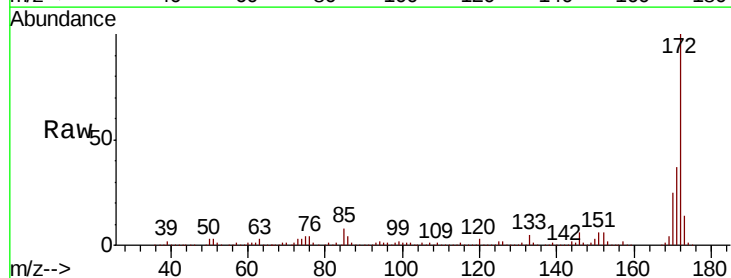
Manual Integrations
 APPROVED

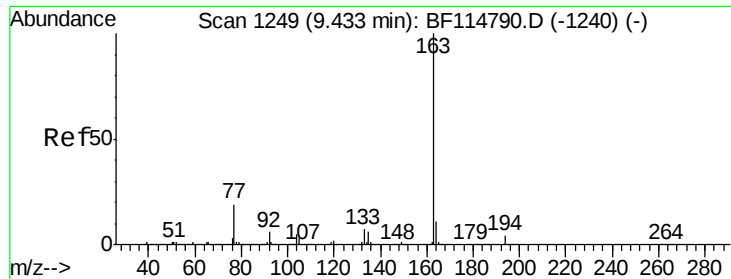
mohammad
 6/6/2019 4:50:31 PM



#45
 2-Fluorobiphenyl
 Concen: 51.828 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.3	48.5
170	25.0	22.4	33.6





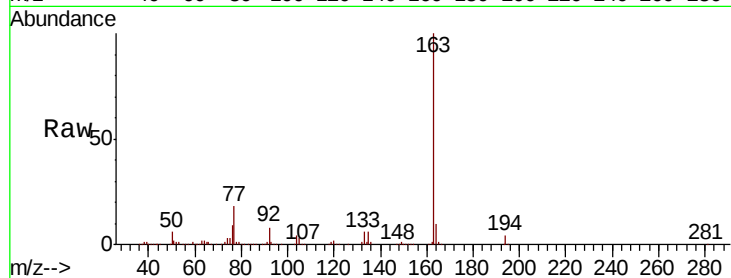
#50
Dimethylphthalate
Concen: 9.155 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Instrument :
BNA_F
ClientSampleId :
S-8A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.4	8.6	13.0

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 PM

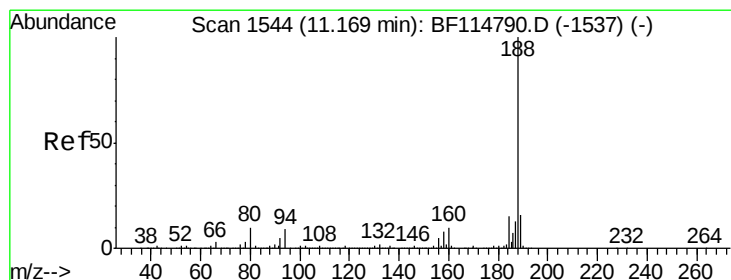
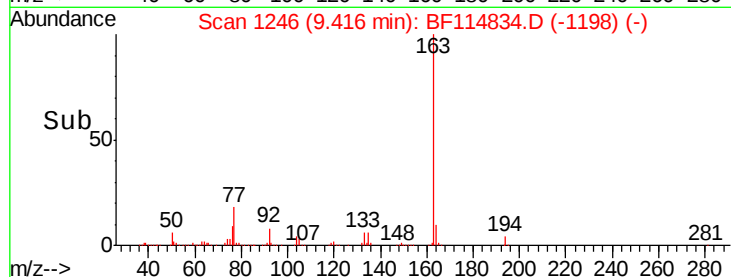
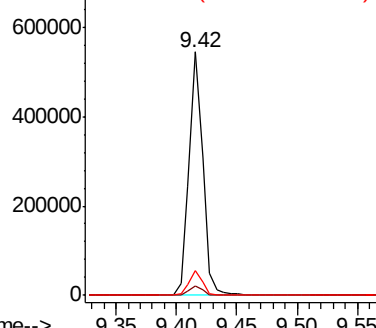


Abundance

Ion 163.00 (162.70 to 163.70): E

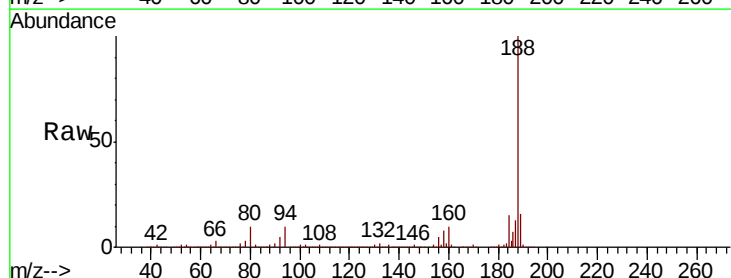
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.2	8.3	12.5

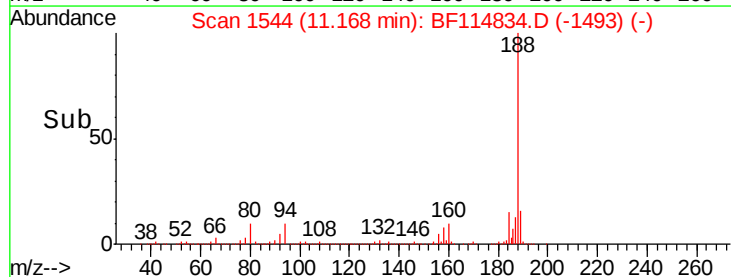
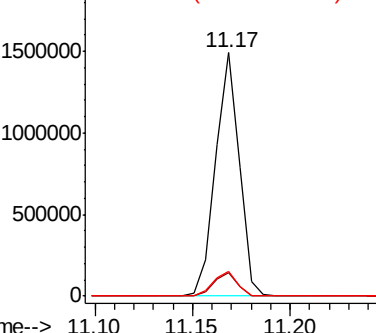


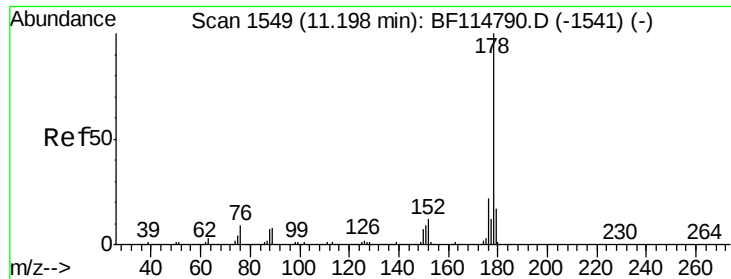
Abundance

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





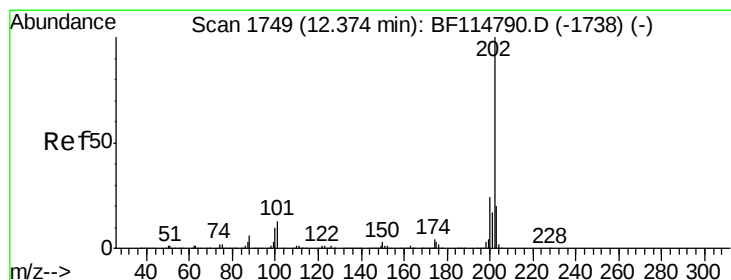
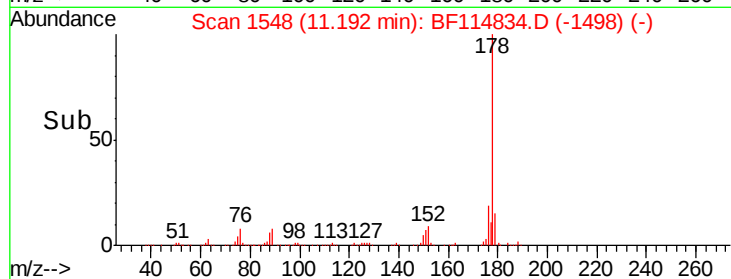
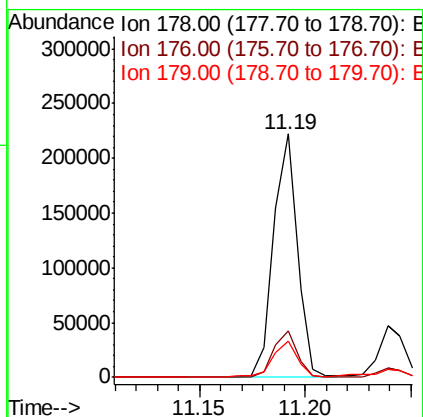
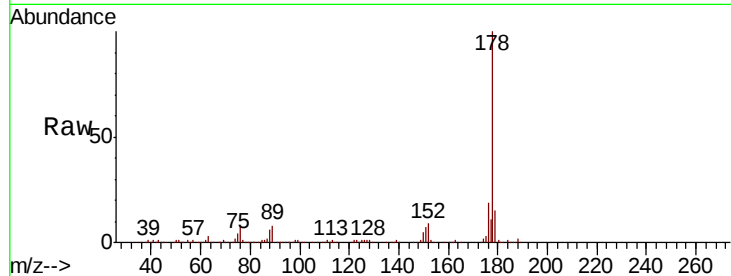
#71
Phenanthrene
Concen: 2.927 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Instrument :
BNA_F
ClientSampleId :
S-8A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.7	26.5
179	15.1	13.7	20.5

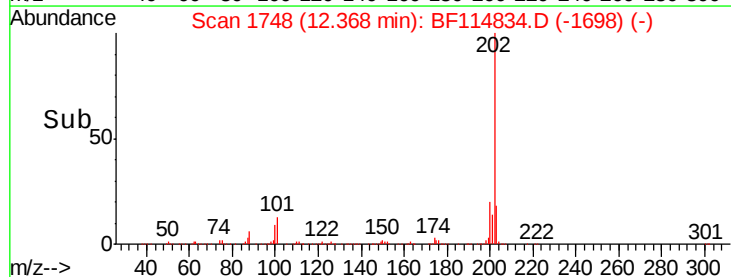
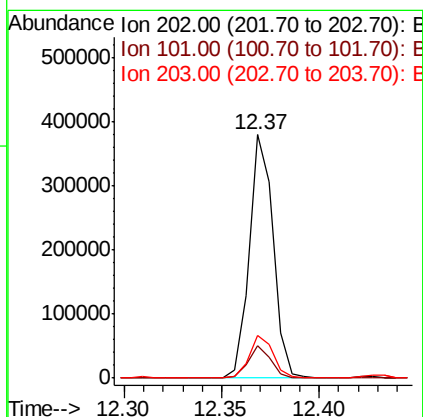
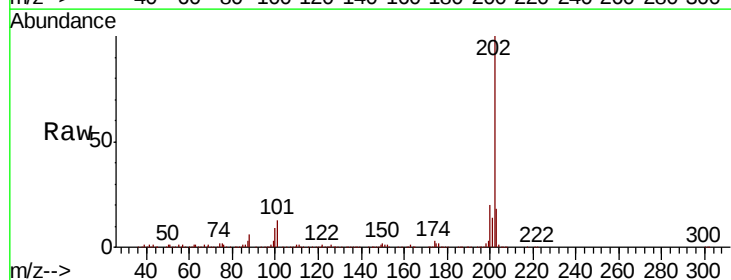
Manual Integrations
APPROVED

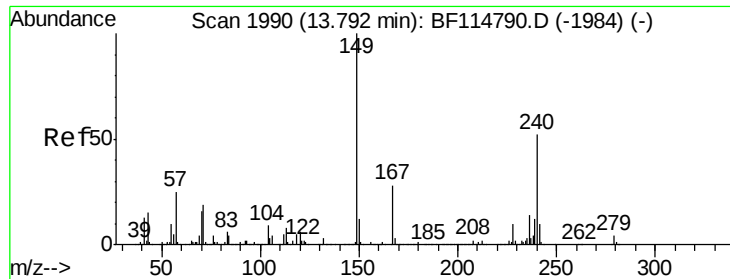
mohammad
6/6/2019 4:50:31 PM



#75
Fluoranthene
Concen: 5.117 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.8
203	17.7	0.2	40.2





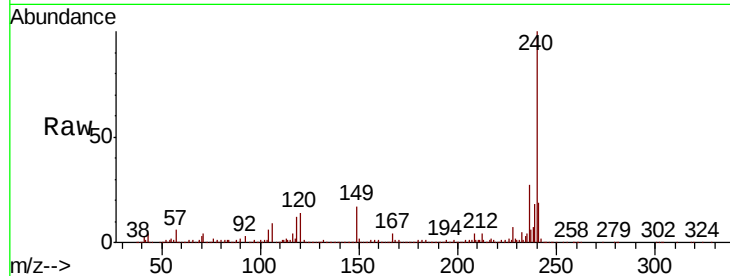
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Instrument :
BNA_F
ClientSampleId :
S-8A

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.0	13.4#
236	26.8	21.4	32.0

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 PM

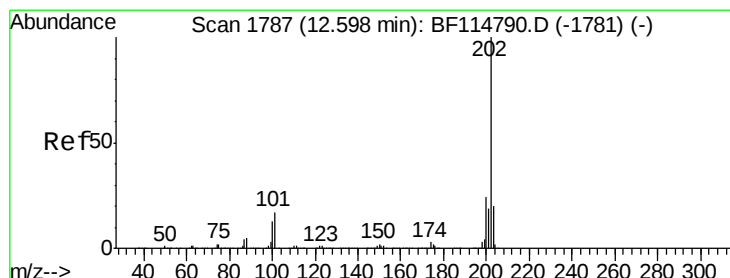
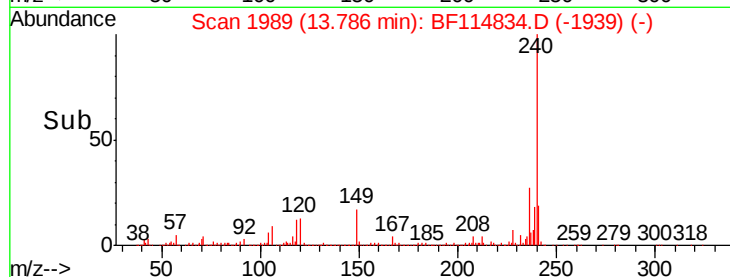
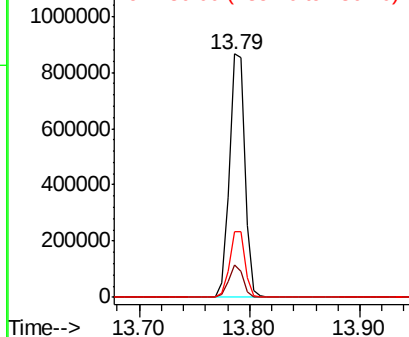


Abundance

Ion 240.00 (239.70 to 240.70): E

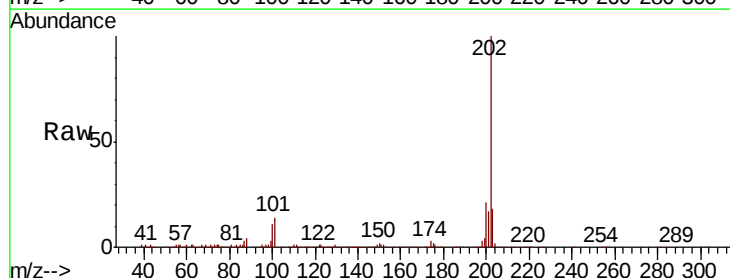
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.900 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.2	28.8
203	17.6	15.9	23.9

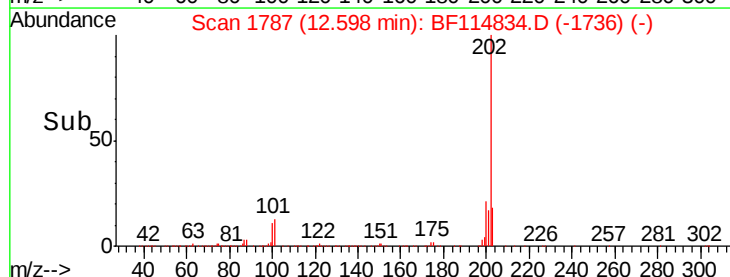
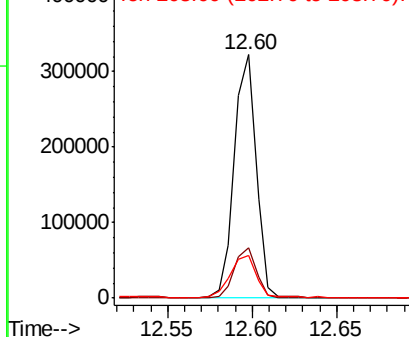


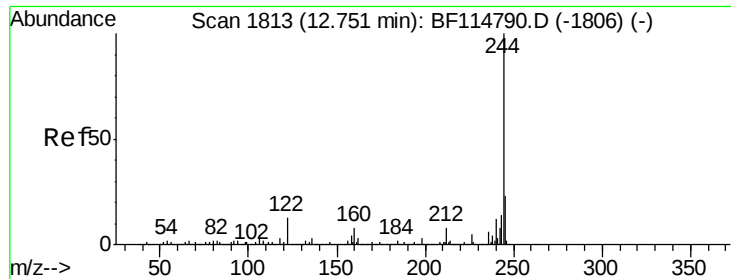
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





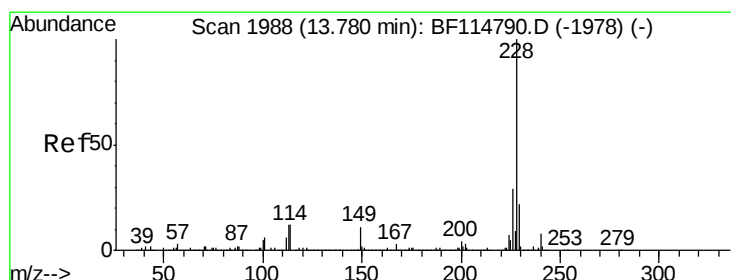
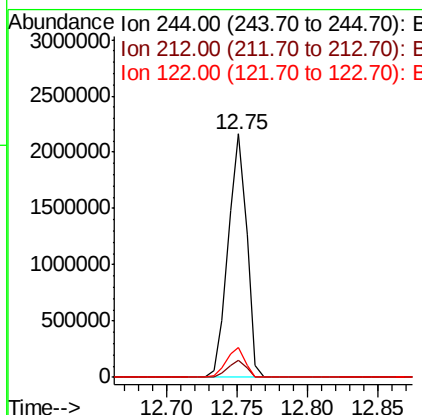
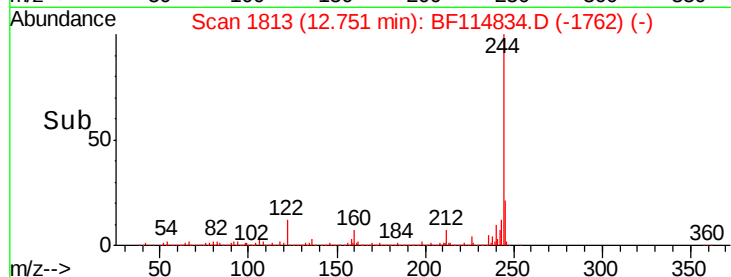
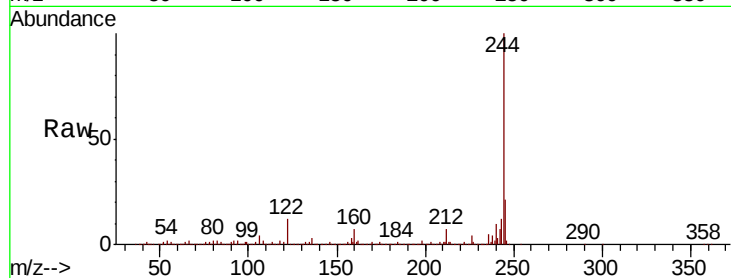
#79
 Terphenyl-d14
 Concen: 44.961 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Instrument :
 BNA_F
 ClientSampled :
 S-8A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	12.2	10.5	15.7

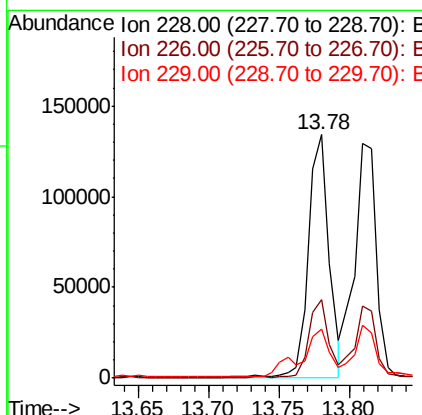
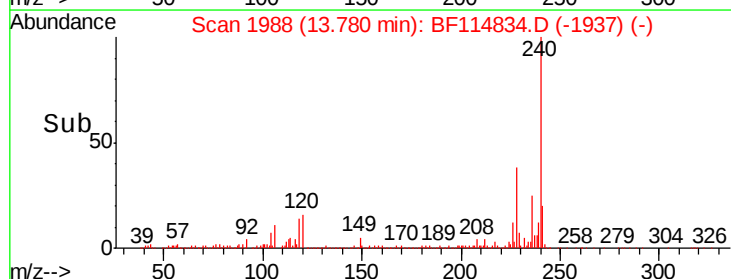
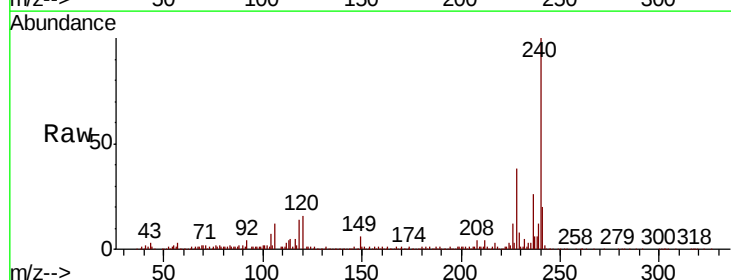
Manual Integrations
 APPROVED

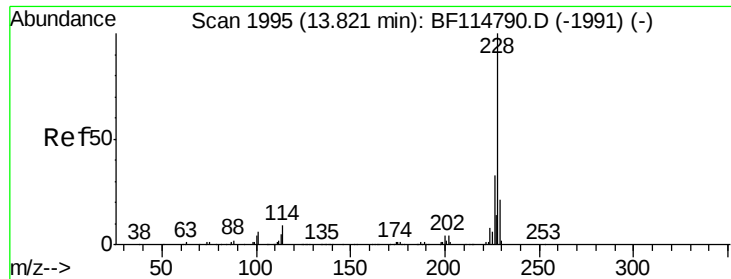
mohammad
 6/6/2019 4:50:31 PM



#81
 Benzo(a)anthracene
 Concen: 2.070 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.2
229	20.0	17.4	26.0





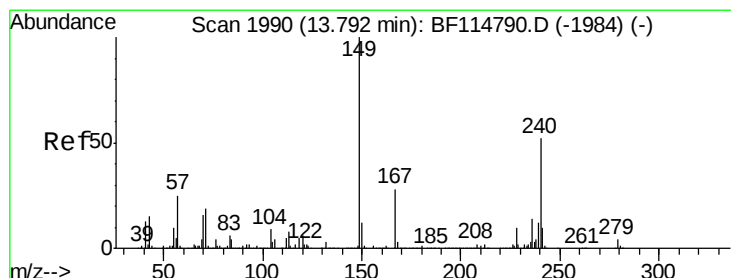
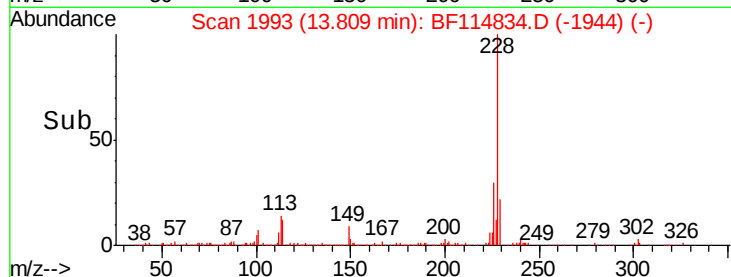
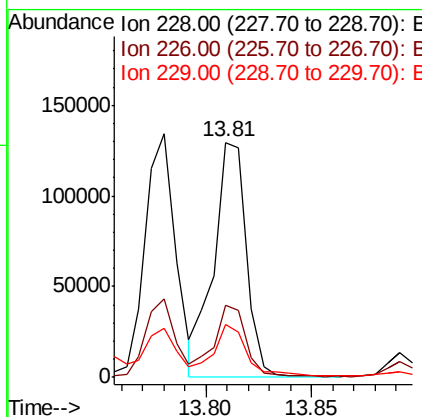
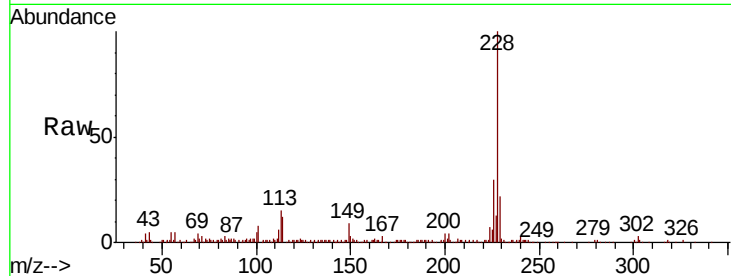
#83
 Chrvsene
 Concen: 2.172 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Instrument :
 BNA_F
 ClientSampleId :
 S-8A

Tot Ion:	228	Resp:	139600
Ion Ratio	Lower	Upper	
228	100		
226	30.5	26.0	39.0
229	22.5	17.1	25.7

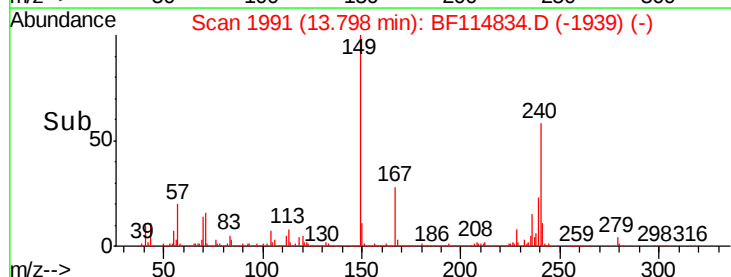
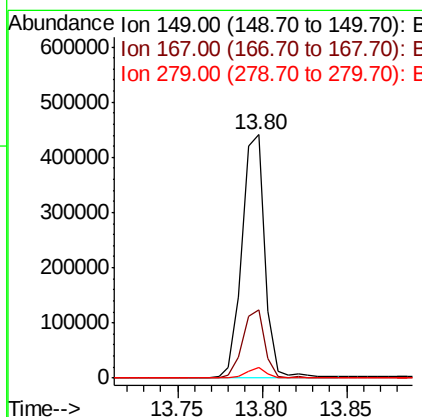
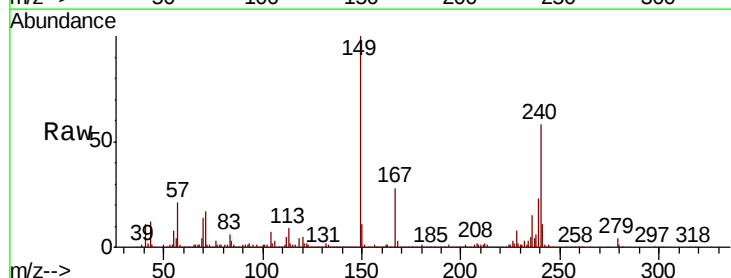
Manual Integrations
 APPROVED

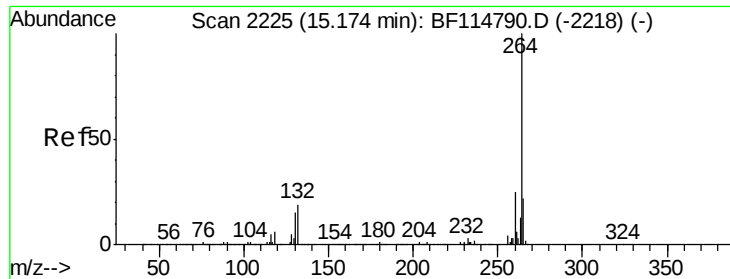
mohammad
 6/6/2019 4:50:31 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.753 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BF114834.D
 Acq: 5 Jun 2019 22:34

Tgt Ion:	149	Resp:	415800
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.7	34.1
279	4.4	3.1	4.7





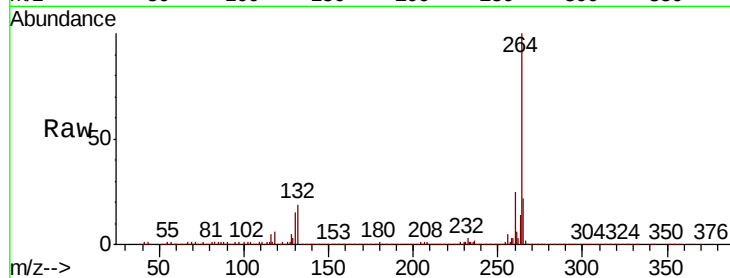
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Instrument :
BNA_F
ClientSampled :
S-8A

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	22.2	17.7	26.5

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 PM

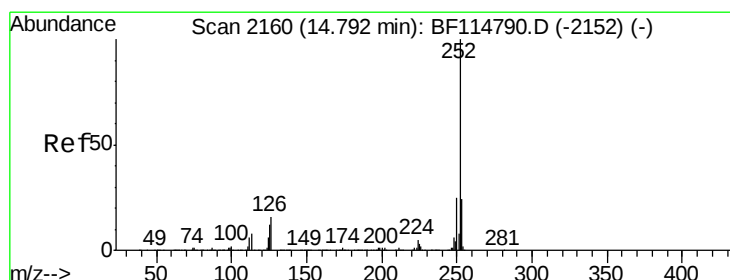
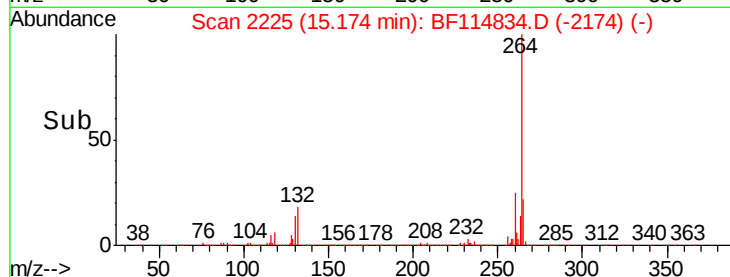
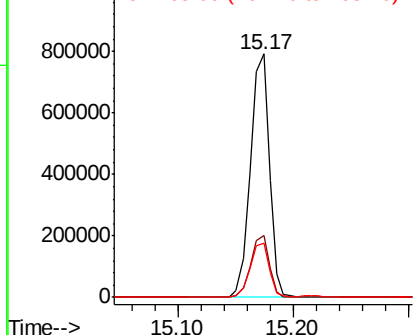


Abundance

Ion 264.00 (263.70 to 264.70): E

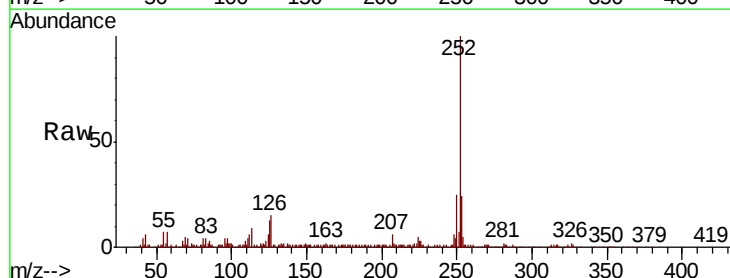
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 3.147 ng m
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	13.4	9.4	14.0

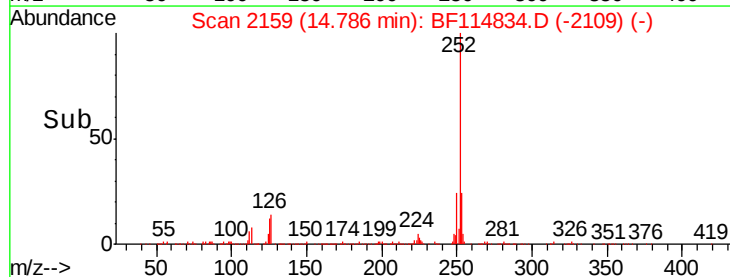
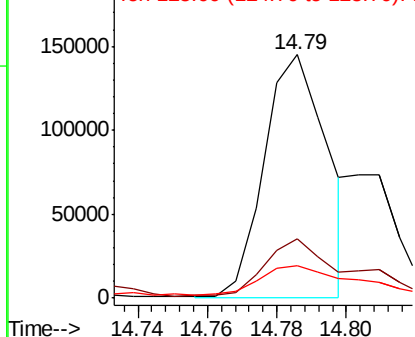


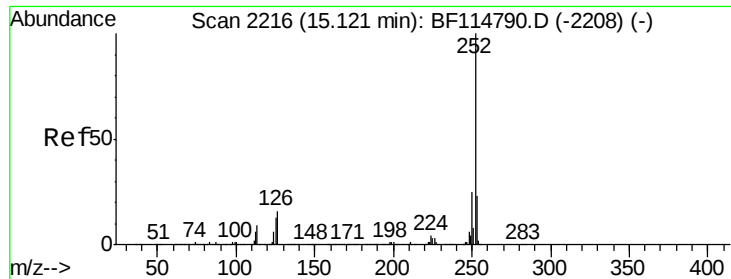
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
Benzo(a)pyrene
Concen: 2.349 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114834.D
Acq: 5 Jun 2019 22:34

Instrument :
BNA_F
ClientSampleId :
S-8A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.9	18.5	27.7		
125	15.5	10.1	15.1#		

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:31 PM

