

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114542.D
 Acq On : 23 May 2019 23:47
 Operator : JU/SJ
 Sample : K2997-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81626-FB-01

Manual Integrations
 APPROVED

mohammad
 5/24/2019 1:36:41 PM

Quant Time: May 24 08:06:54 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154624	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	600573	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289692	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	619566	20.00	ng	0.00
76) Chrysene-d12	13.98	240	406158	20.00	ng	0.00
87) Perylene-d12	15.44	264	334410	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	744312	77.46	ng	0.00
7) Phenol-d6	6.46	99	967406	85.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	603342	56.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	257486	85.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1166586	60.91	ng	0.00
79) Terphenyl-d14	12.92	244	1311912	66.59	ng	0.00
Target Compounds						
75) Fluoranthene	12.55	202	88307	2.721	ng	99
78) Pyrene	12.78	202	95186	2.913	ng	98
88) Benzo(b)fluoranthene	15.02	252	43125m	2.013	ng	

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

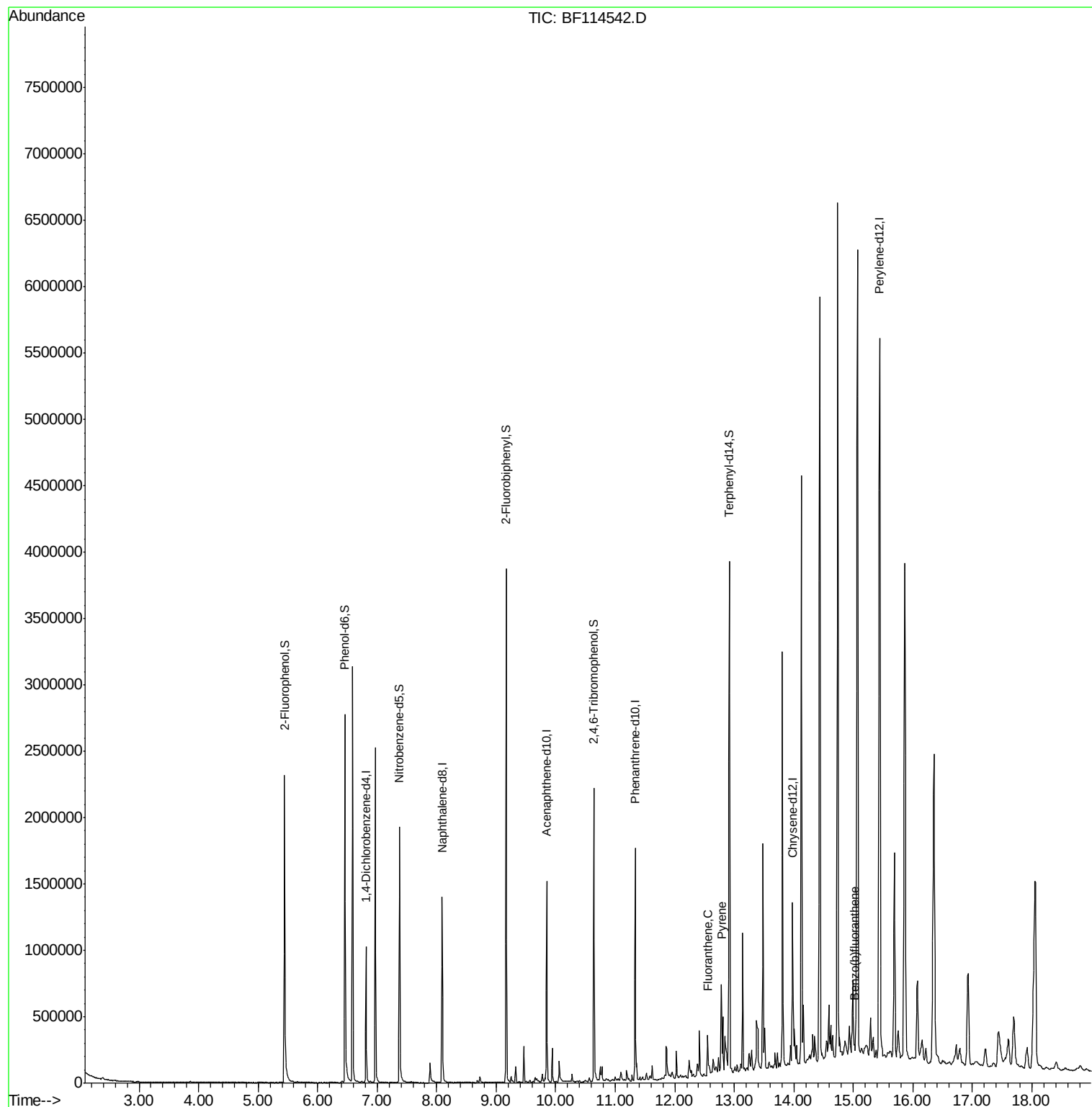
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114542.D
Acq On : 23 May 2019 23:47
Operator : JU/SJ
Sample : K2997-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

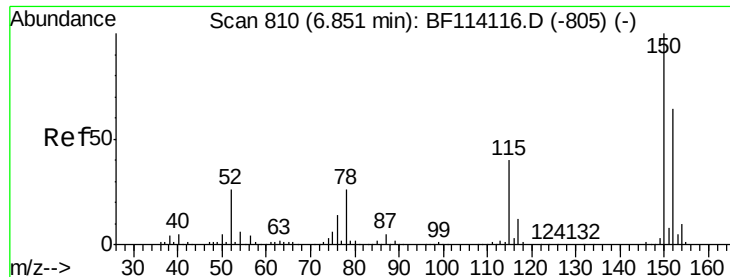
Instrument :
BNA_F
ClientSampleId :
DPC-81626-FB-01

Manual Integrations
APPROVED

mohammad
5/24/2019 1:36:41 PM

Quant Time: May 24 08:06:54 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 24 07:23:33 2019
Response via : Initial Calibration





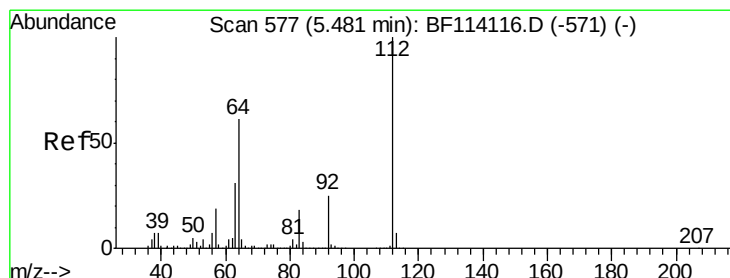
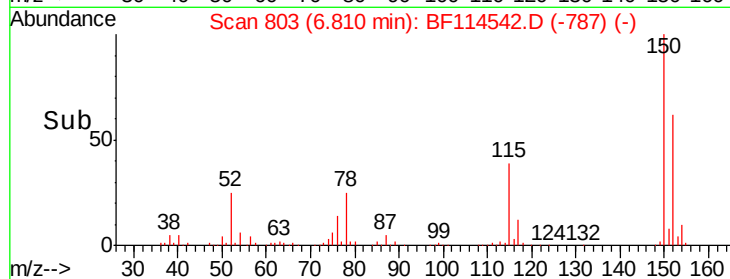
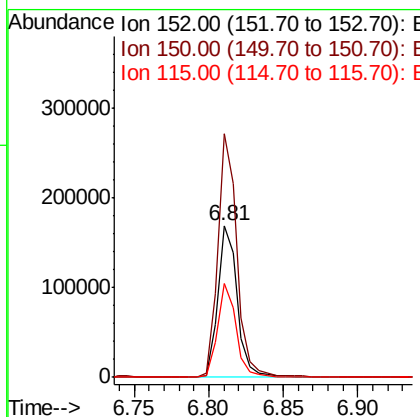
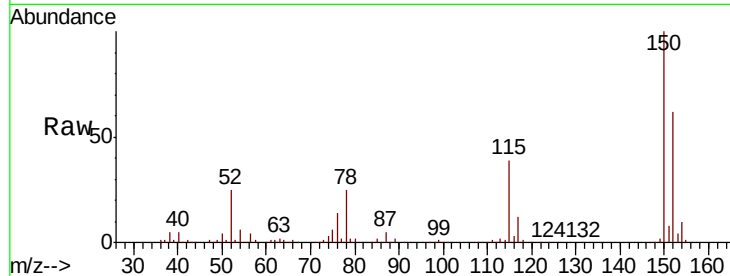
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81626-FB-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.3	186.5
115	61.9	49.1	73.7

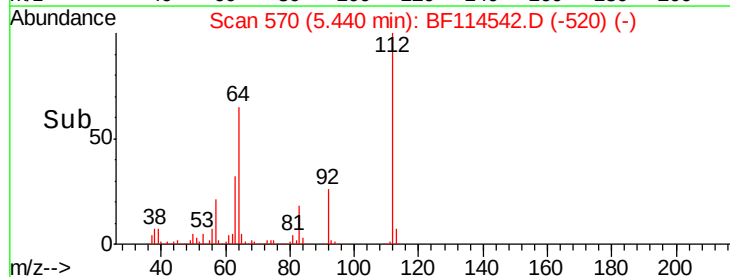
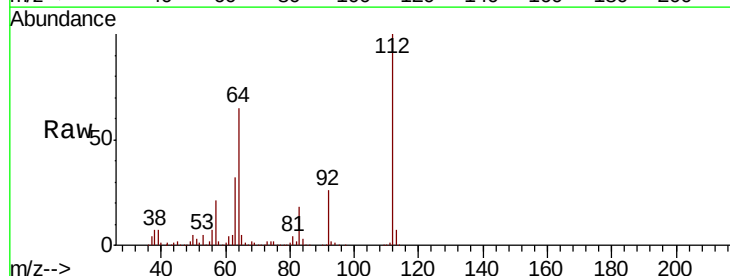
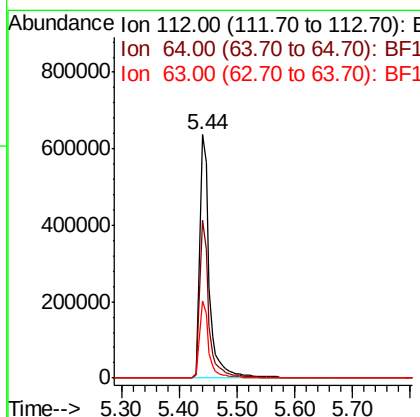
Manual Integrations
 APPROVED

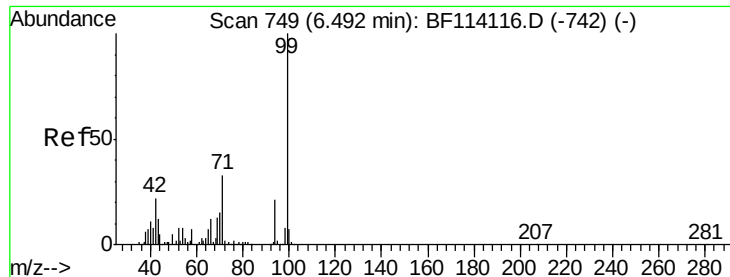
mohammad
 5/24/2019 1:36:41 PM



#5
 2-Fluorophenol
 Concen: 77.465 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.0	73.6
63	32.0	24.6	37.0





#7

Phenol-d6

Concen: 85.128 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114542.D

Acq: 23 May 2019 23:47

Instrument :

BNA_F

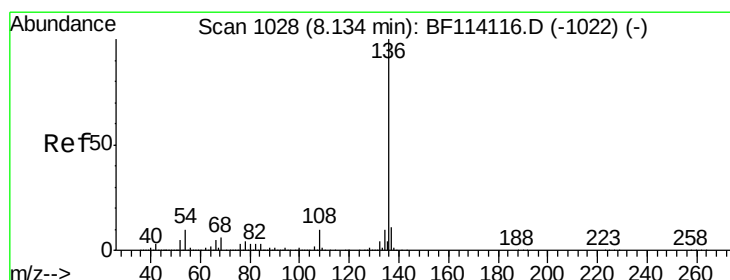
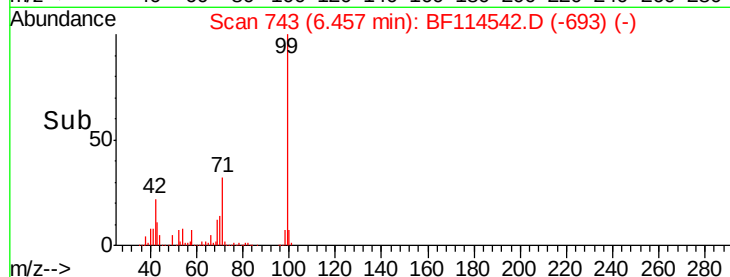
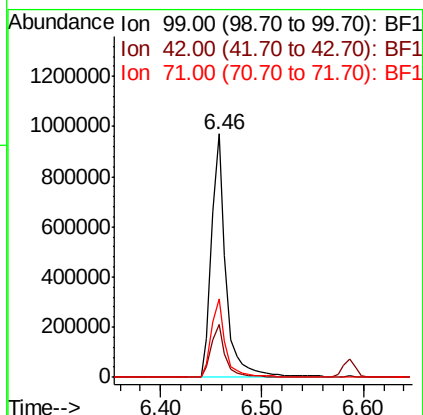
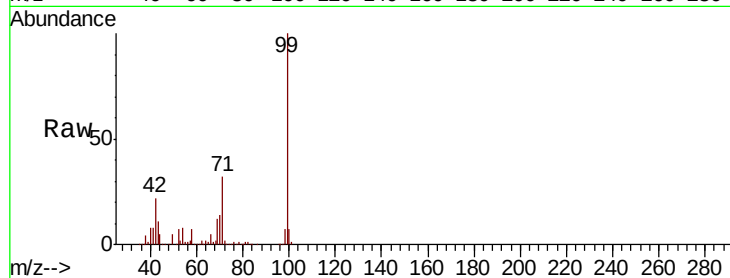
ClientSampleId :

DPC-81626-FB-01

Tot Ion:	99	Resp:	967406
Ion Ratio	Lower	Upper	
99	100		
42	21.5	17.9	26.9
71	32.2	26.2	39.2

Manual Integrations
APPROVED

mohammad
5/24/2019 1:36:41 PM



#21

Naphthalene-d8

Concen: 20.000 ng

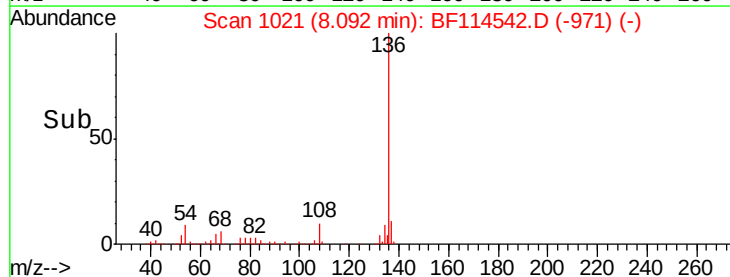
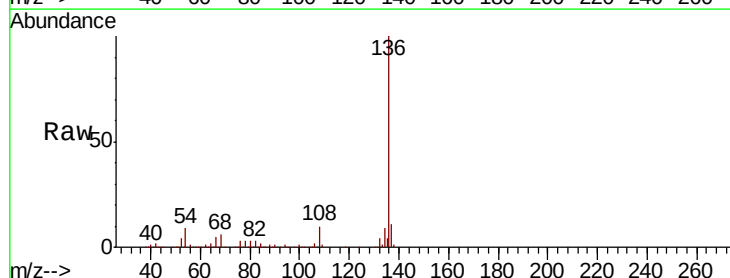
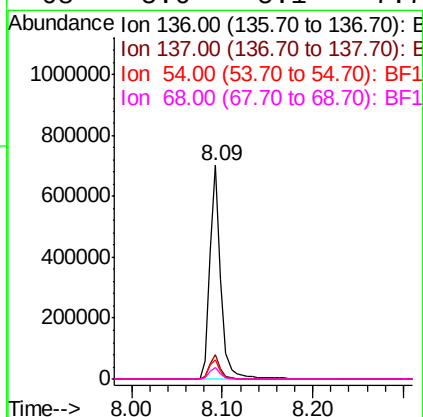
RT: 8.09 min Scan# 1021

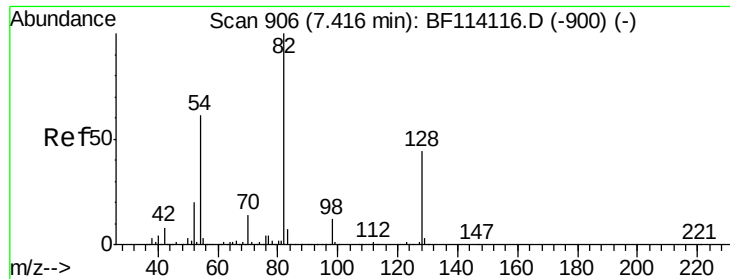
Delta R.T. -0.01 min

Lab File: BF114542.D

Acq: 23 May 2019 23:47

Tgt Ion:	136	Resp:	600573
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	8.8	7.8	11.8
68	5.6	5.1	7.7





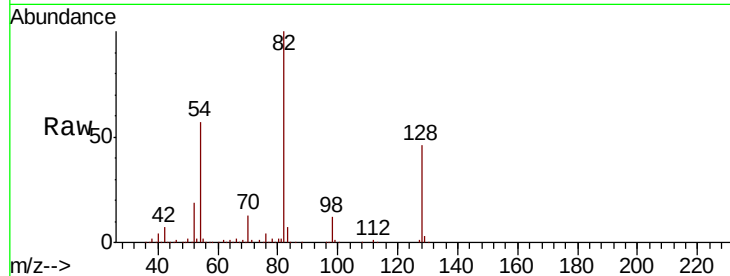
#23
 Nitrobenzene-d5
 Concen: 56.379 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81626-FB-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.5	53.3
54	57.5	48.5	72.7

Manual Integrations
 APPROVED

mohammad
 5/24/2019 1:36:41 PM

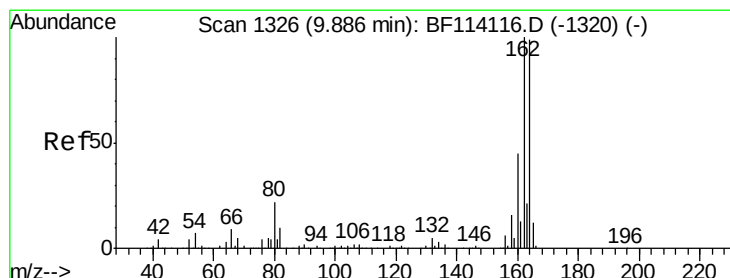
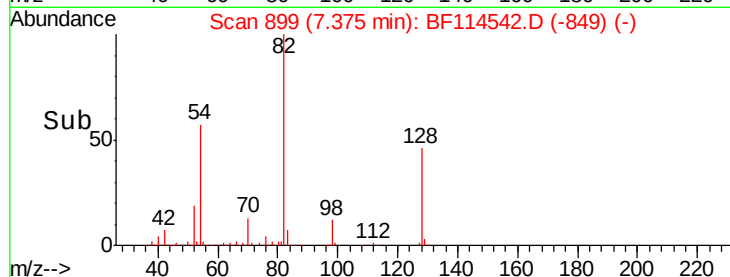
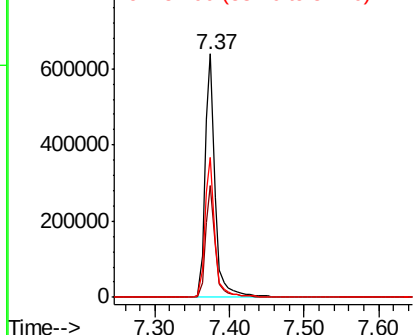


Abundance

Ion 82.00 (81.70 to 82.70): BF1

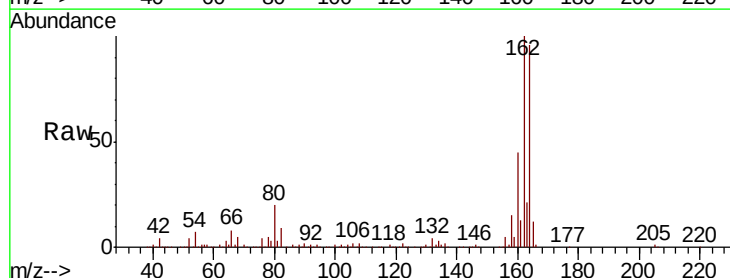
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.6	120.8
160	46.9	36.5	54.7

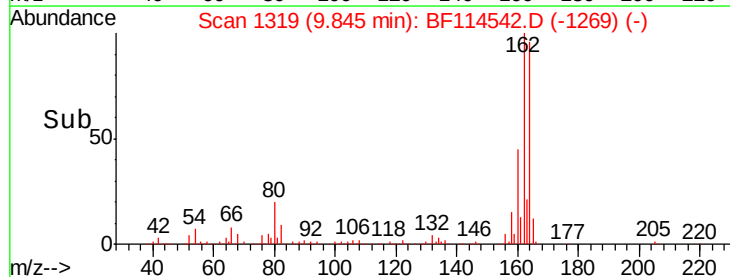
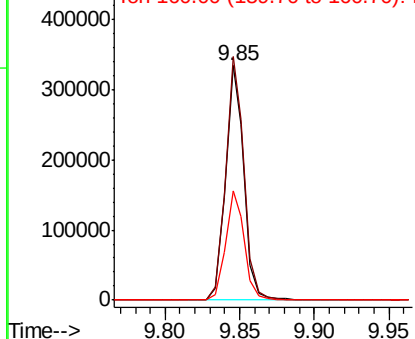


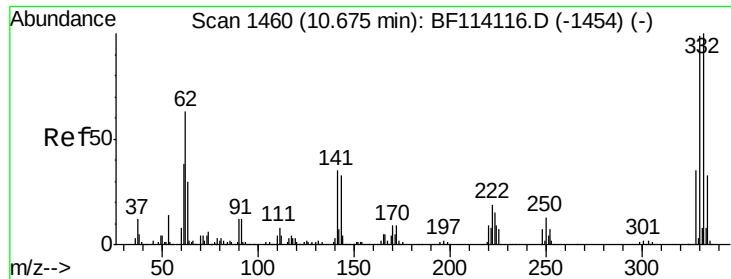
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 85.974 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114542.D

Acq: 23 May 2019 23:47

Instrument :

BNA_F

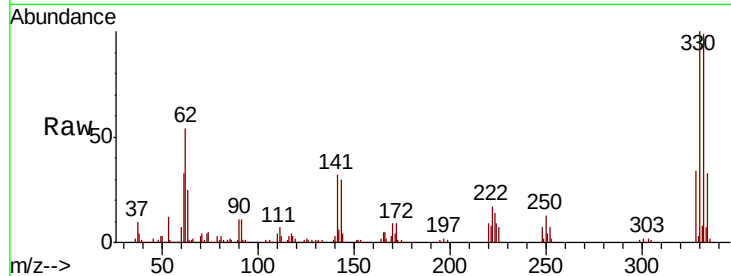
ClientSampleId :

DPC-81626-FB-01

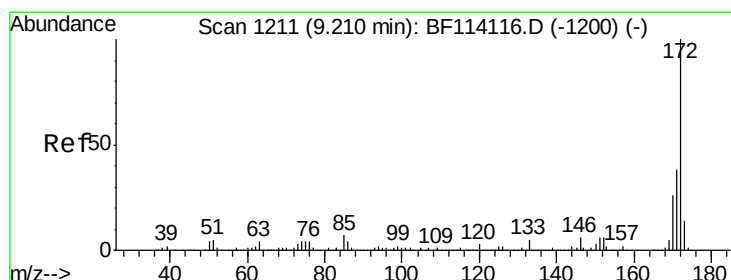
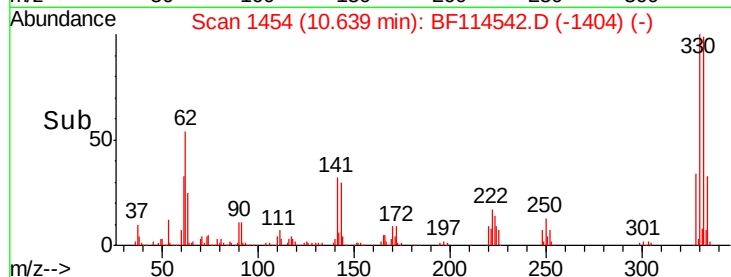
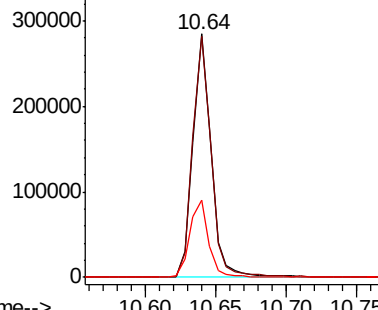
Tot Ion:	330	Resp:	257486
Ion Ratio	Lower	Upper	
330	100		
332	101.6	81.4	122.2
141	33.1	26.6	40.0

Manual Integrations
APPROVED

mohammad
5/24/2019 1:36:41 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: 60.915 ng

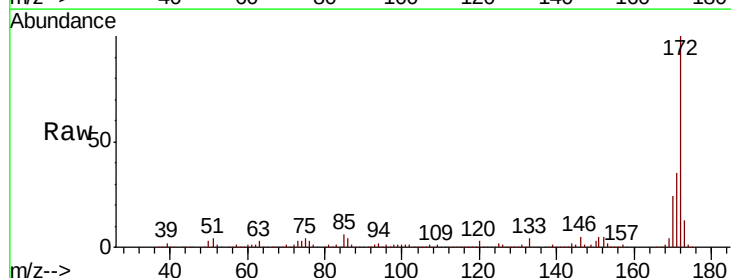
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

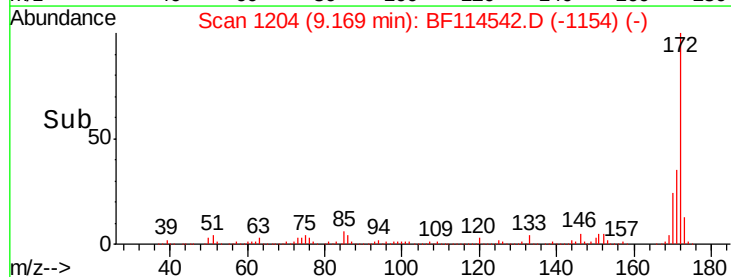
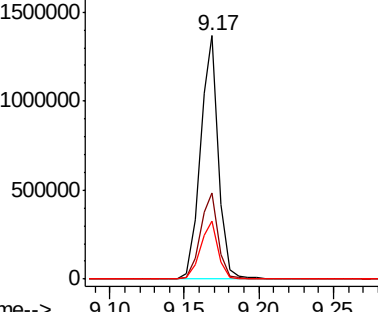
Lab File: BF114542.D

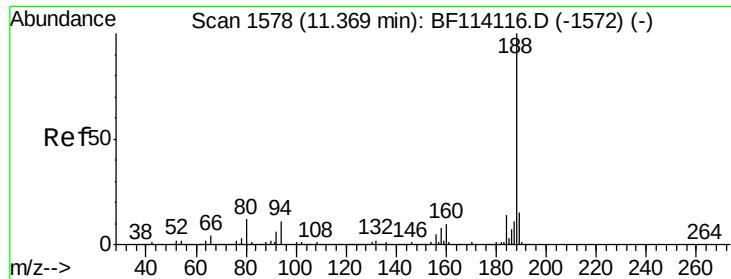
Acq: 23 May 2019 23:47

Tgt Ion:	172	Resp:	1166586
Ion Ratio	Lower	Upper	
172	100		
171	35.5	30.7	46.1
170	23.7	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





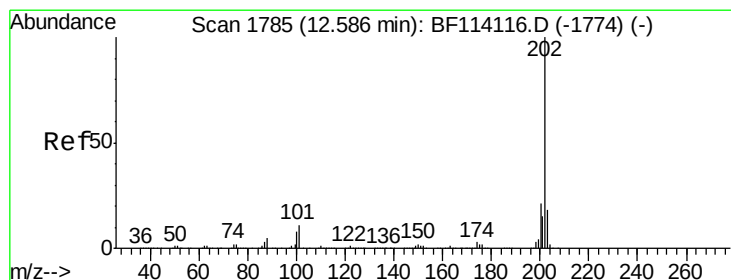
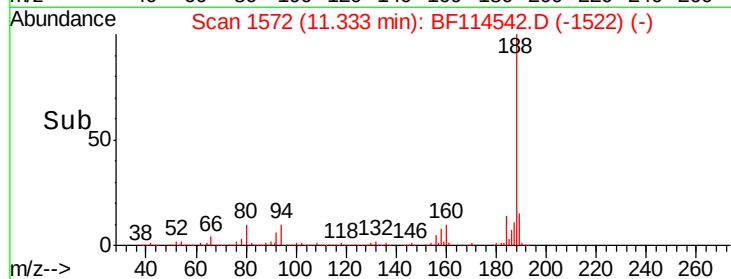
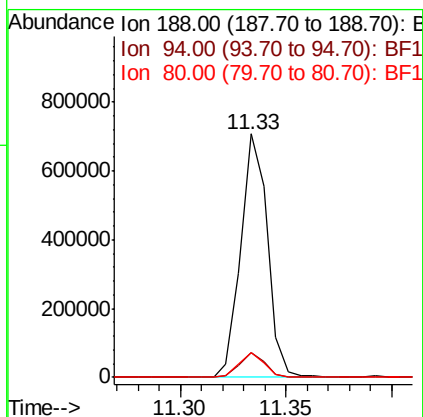
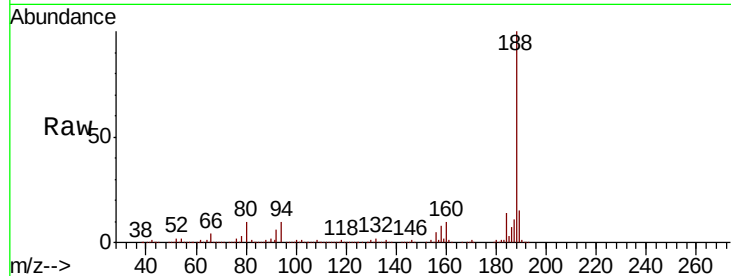
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :
DPC-81626-FB-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	619566		
94	10.3		8.4	12.6
80	10.4		9.2	13.8

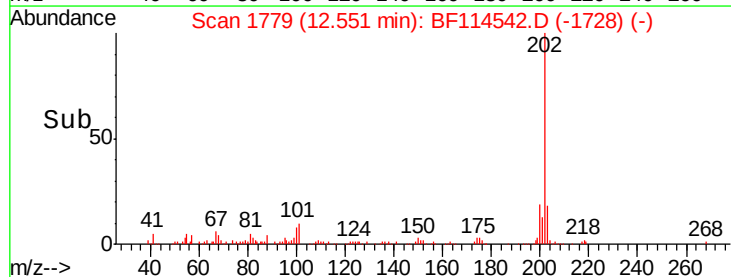
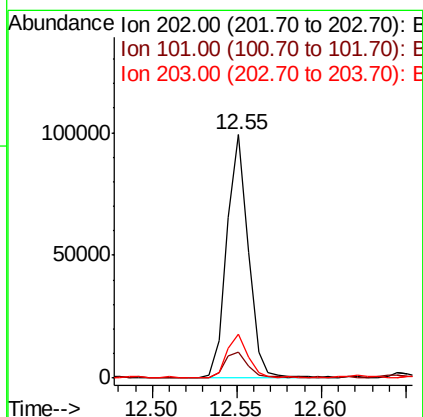
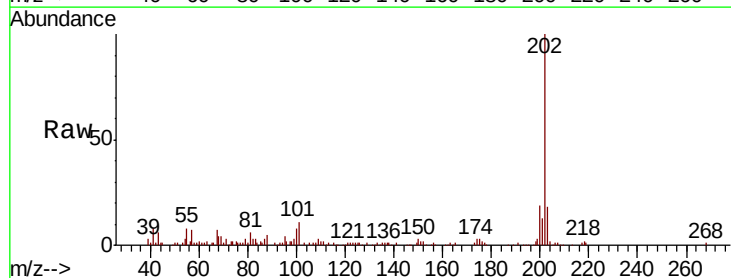
Manual Integrations
APPROVED

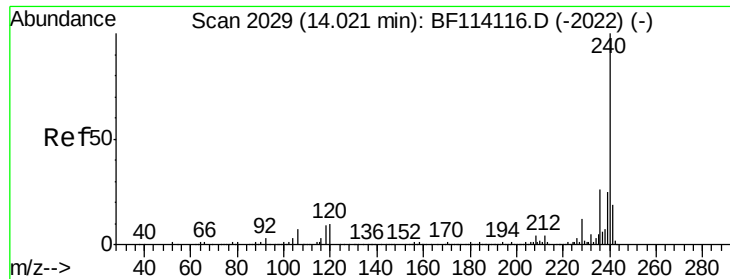
mohammad
5/24/2019 1:36:41 PM



#75
Fluoranthene
Concen: 2.721 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	88307		
101	10.8		0.0	31.0
203	18.0		0.0	38.4





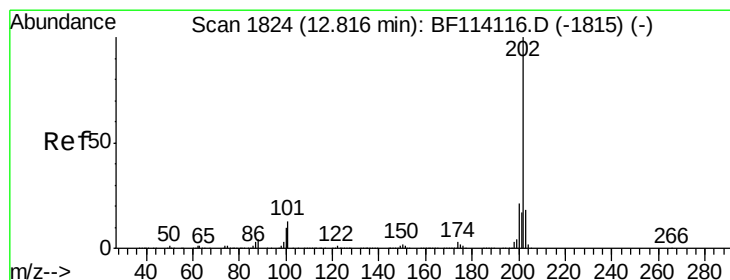
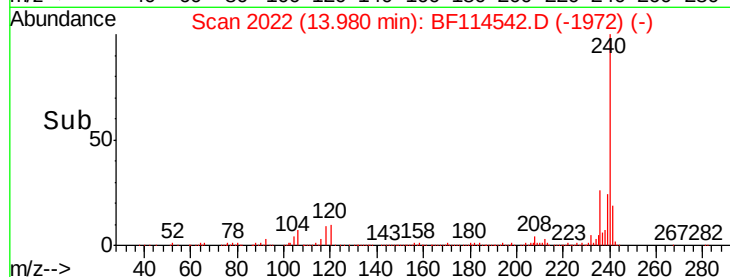
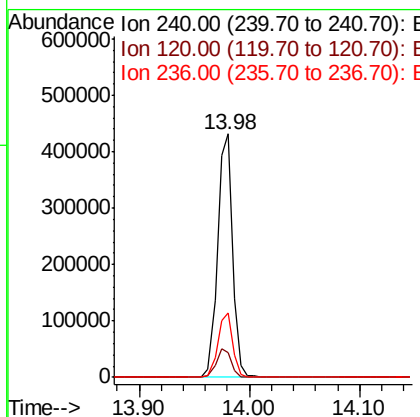
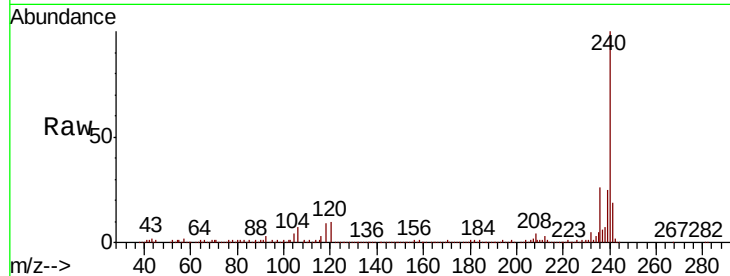
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Instrument :
BNA_F
ClientSampleId :
DPC-81626-FB-01

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.3	8.3	12.5	
236	26.2	20.8	31.2	

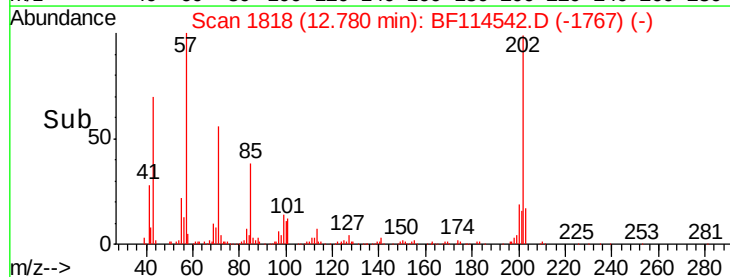
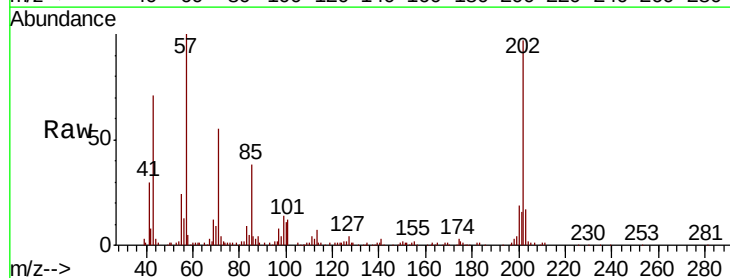
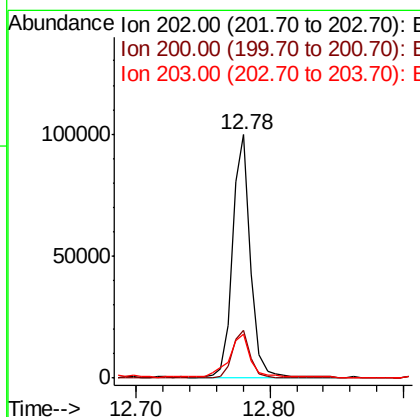
Manual Integrations
APPROVED

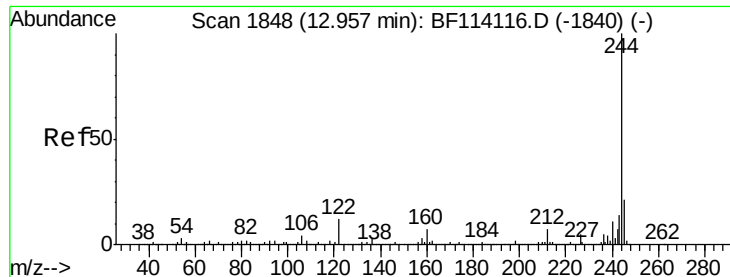
mohammad
5/24/2019 1:36:41 PM



#78
Pyrene
Concen: 2.913 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114542.D
Acq: 23 May 2019 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.5	16.9	25.3	
203	17.9	14.5	21.7	





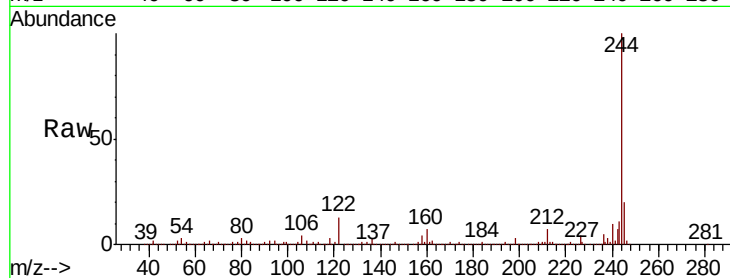
#79
 Terphenyl-d14
 Concen: 66.585 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81626-FB-01

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	6.8	5.8	8.6	
122	12.9	9.4	14.2	

Manual Integrations
 APPROVED

mohammad
 5/24/2019 1:36:41 PM

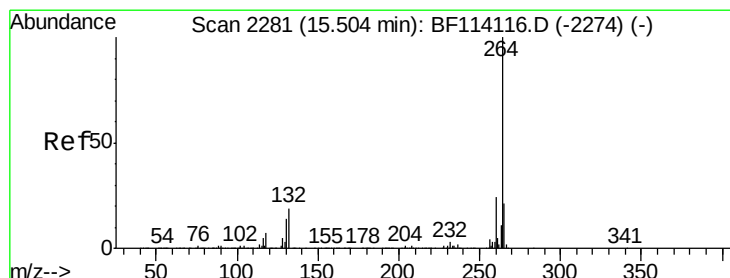
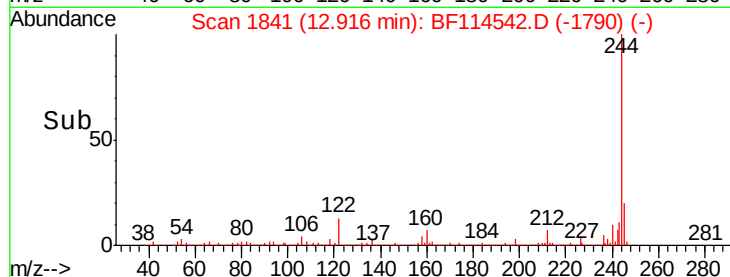
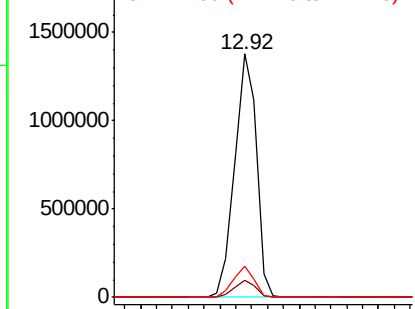


Abundance

Ion 244.00 (243.70 to 244.70): E

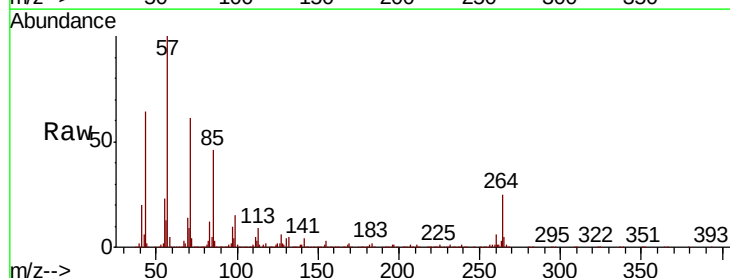
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.0	19.4	29.0	
265	22.4	16.9	25.3	

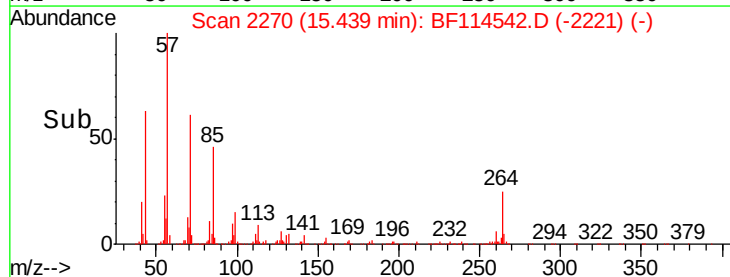
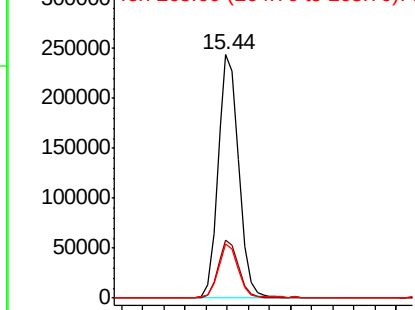


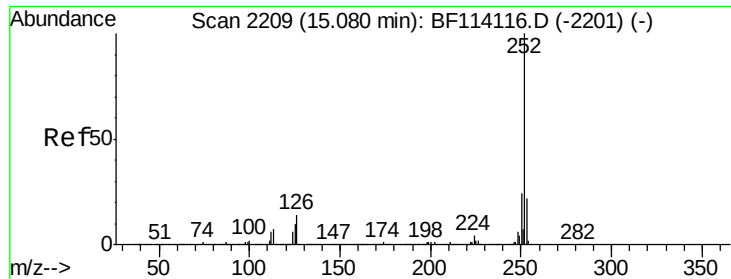
Abundance

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: 2.013 ng m
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BF114542.D
 Acq: 23 May 2019 23:47

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81626-FB-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	17.0	8.3	12.5

Manual Integrations
 APPROVED

mohammad
 5/24/2019 1:36:41 PM

