

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113819.D
 Acq On : 18 Apr 2019 16:09
 Operator : JU/SJ
 Sample : K2411-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Manual Integrations
 APPROVED

Sohil
 4/23/2019 8:16:40 AM

Quant Time: Apr 18 16:40:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187092	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	699519	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	341368	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	595320	20.00	ng	0.00
76) Chrysene-d12	14.04	240	437552	20.00	ng	0.00
87) Perylene-d12	15.51	264	561951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	981240	87.21	ng	0.00
7) Phenol-d6	6.52	99	1265708	90.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	766685	66.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	305513	81.01	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1443699	64.50	ng	0.00
79) Terphenyl-d14	12.99	244	1413229	67.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	186864	7.822	ng	99
75) Fluoranthene	12.62	202	87975	2.738	ng	99
78) Pyrene	12.84	202	87175	2.827	ng	97
81) Benzo(a)anthracene	14.03	228	53515	2.092	ng	95
86) Indeno(1,2,3-cd)pyrene	16.97	276	46894	2.263	ng	# 94
88) Benzo(b)fluoranthene	15.07	252	72511m	2.070	ng	

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

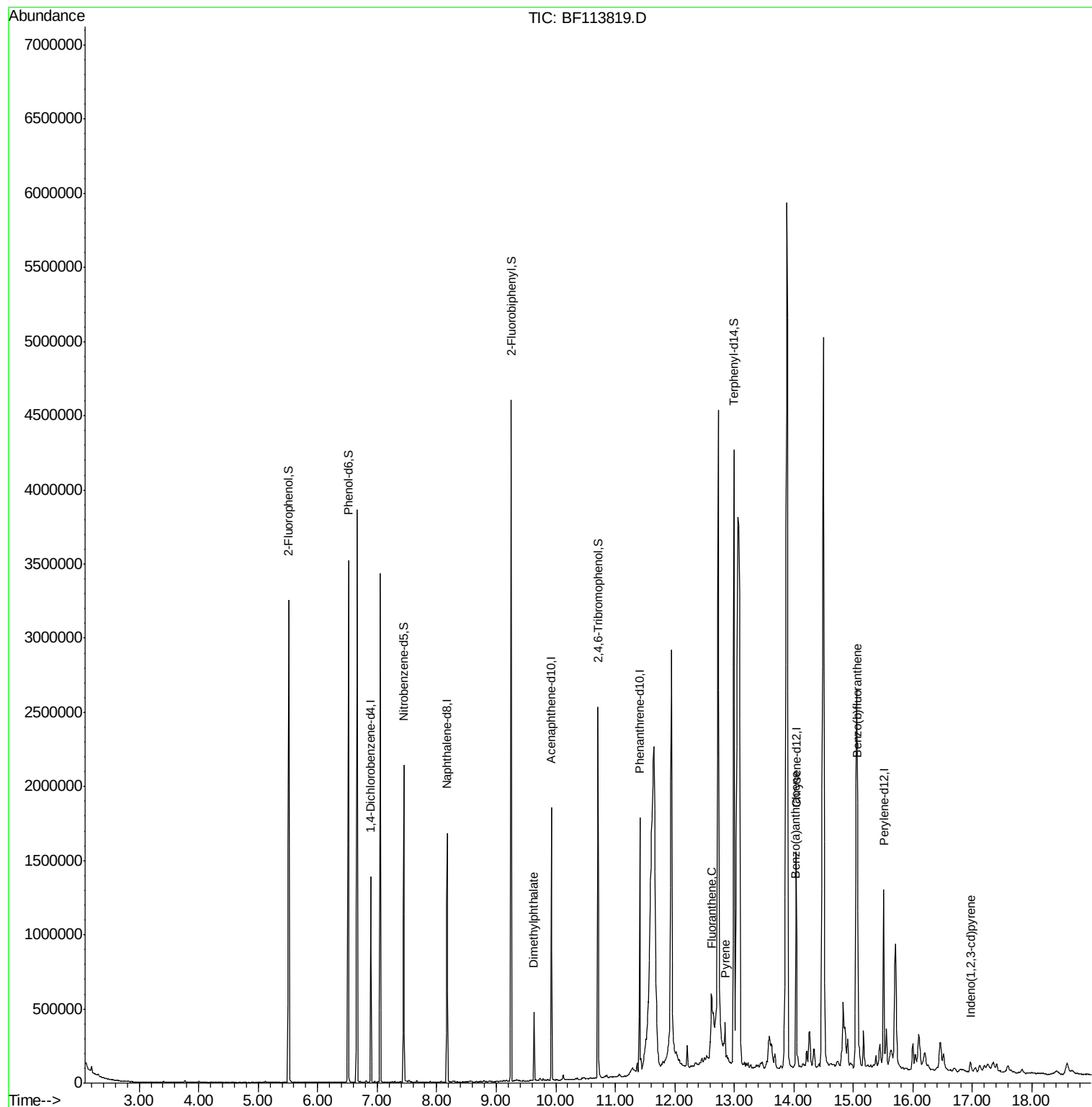
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113819.D
Acq On : 18 Apr 2019 16:09
Operator : JU/SJ
Sample : K2411-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

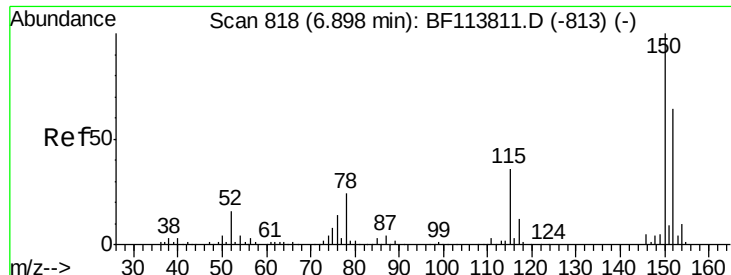
Instrument :
BNA_F
ClientSampleId :
TP-14-S

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:40 AM

Quant Time: Apr 18 16:40:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration





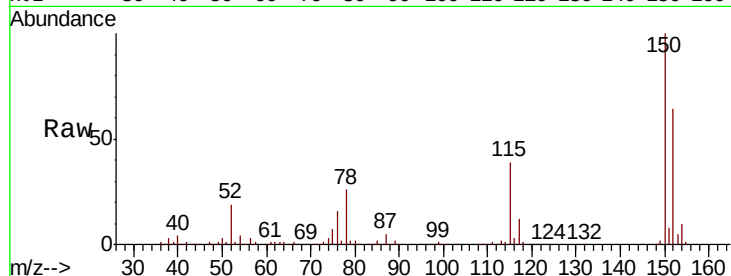
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113819.D
 Acq: 18 Apr 2019 16:09

Instrument :
 BNA_F
 ClientSampled :
 TP-14-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.9	188.9
115	61.1	45.9	68.9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 8:16:40 AM

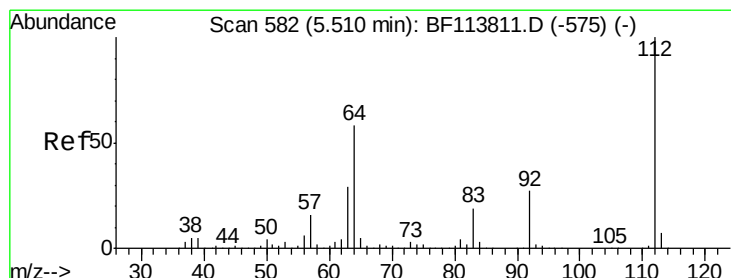
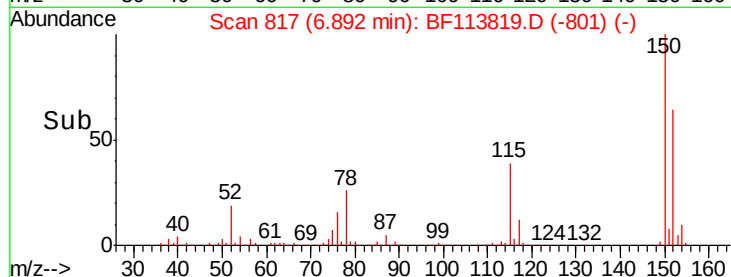
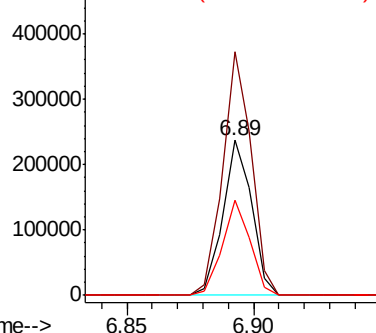


Abundance

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: 87.208 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113819.D
 Acq: 18 Apr 2019 16:09

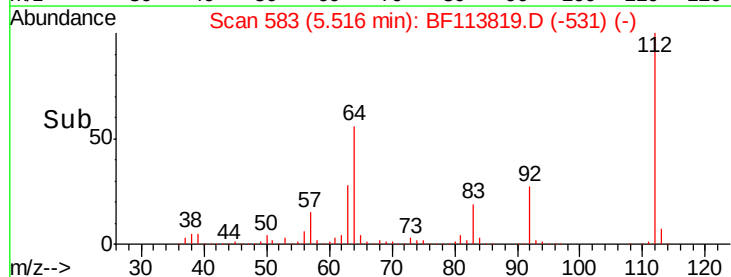
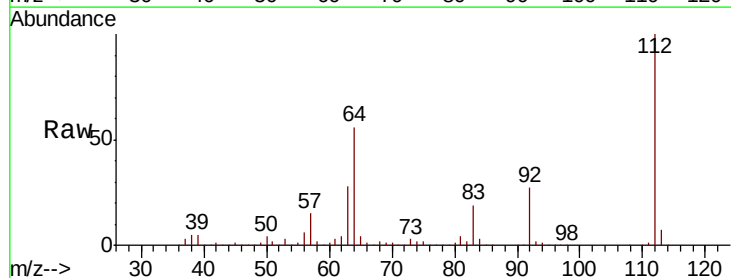
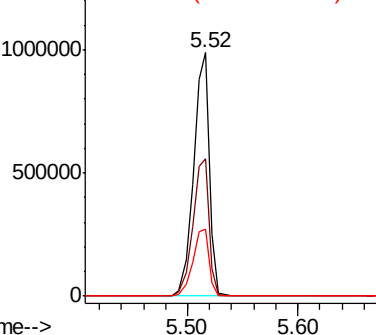
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.6	69.8
63	27.7	23.1	34.7

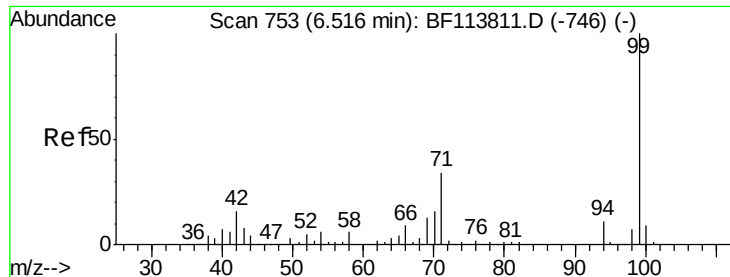
Abundance

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: 90.203 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113819.D

Acq: 18 Apr 2019 16:09

Instrument :

BNA_F

ClientSampled :

TP-14-S

Tot Ion: 99 Resp: 1265708

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

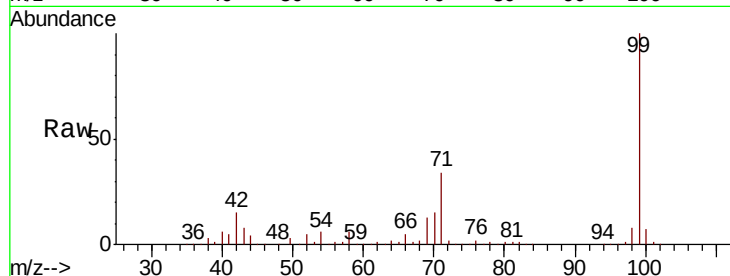
71 33.7 26.9 40.3

Manual Integrations

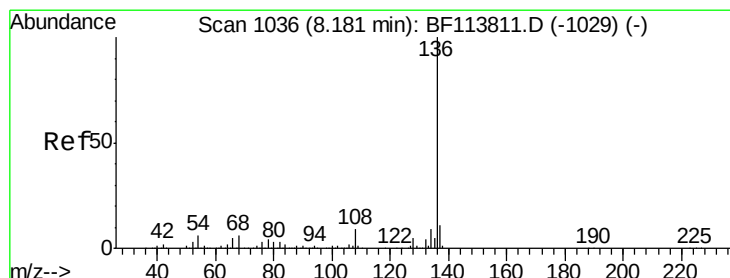
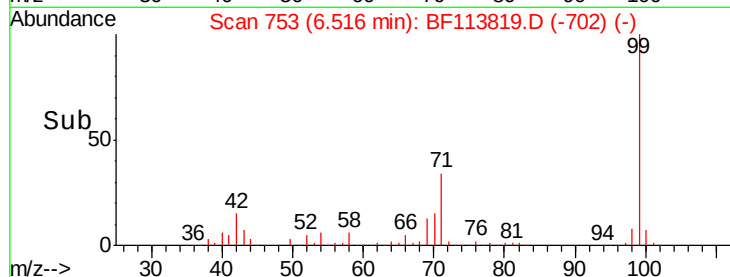
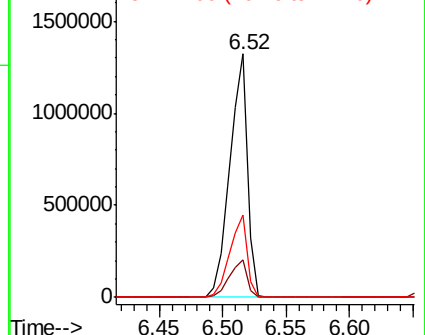
APPROVED

Sohil

4/23/2019 8:16:40 AM



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113819.D

Acq: 18 Apr 2019 16:09

Tgt Ion: 136 Resp: 699519

Ion Ratio Lower Upper

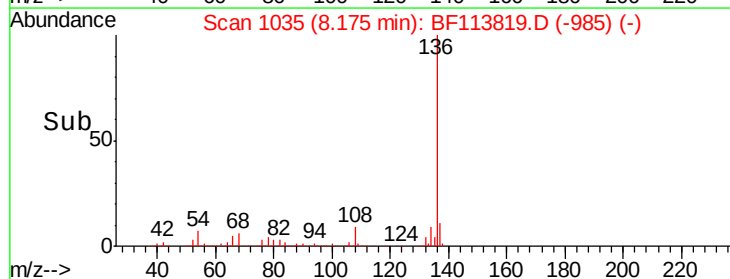
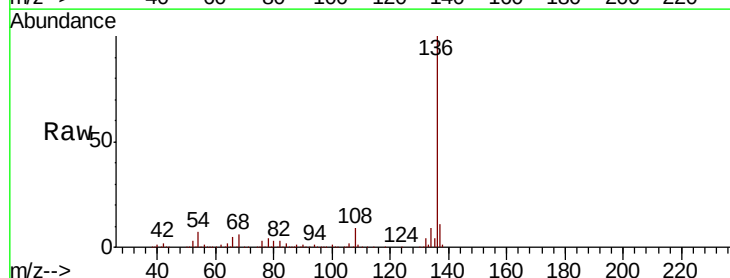
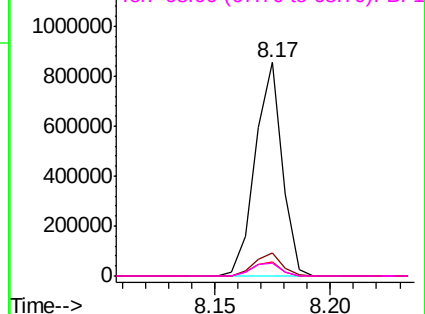
136 100

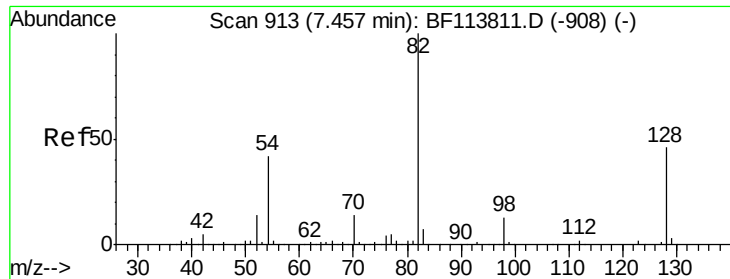
137 10.9 8.6 12.8

54 6.6 5.0 7.6

68 6.3 4.9 7.3

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





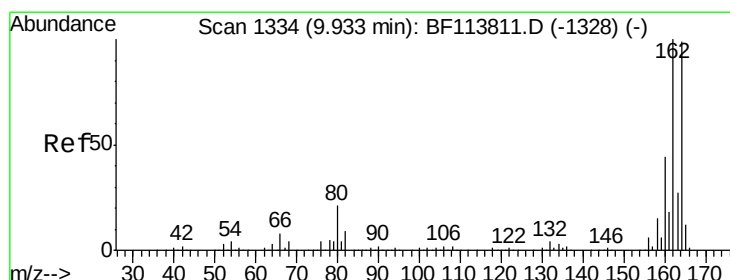
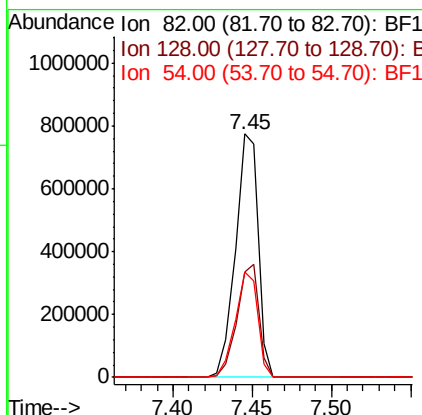
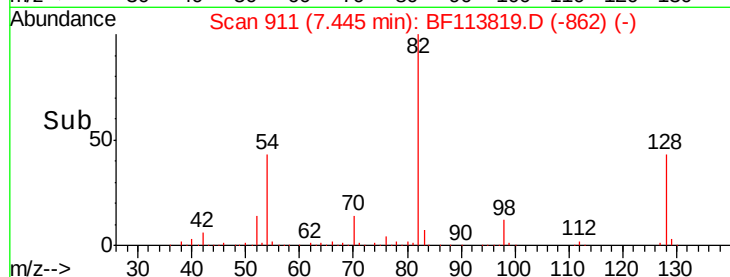
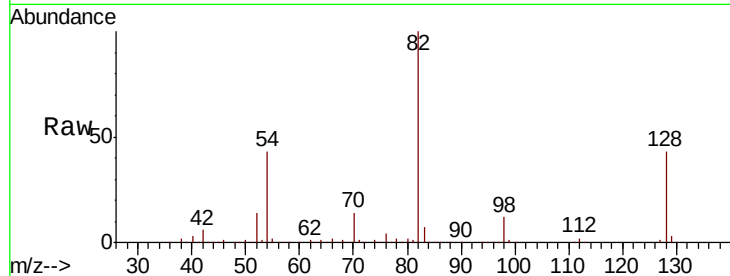
#23
 Nitrobenzene-d5
 Concen: 66.743 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113819.D
 Acq: 18 Apr 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.8	55.2
54	43.3	33.8	50.6

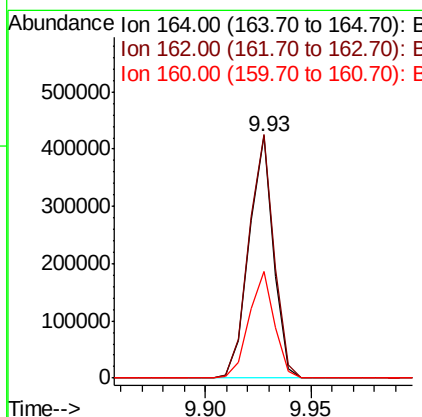
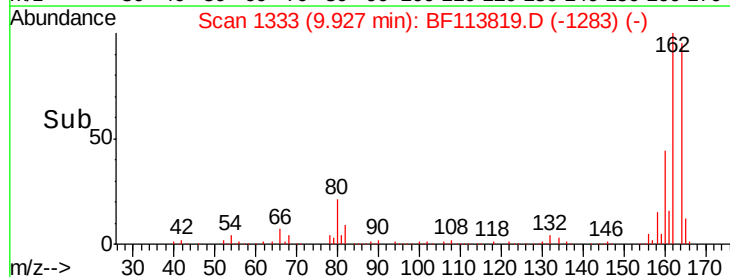
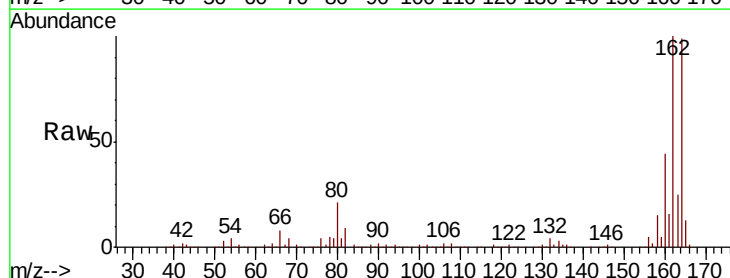
Manual Integrations
 APPROVED

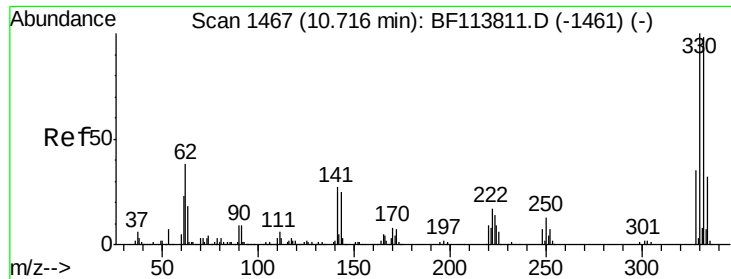
Sohil
 4/23/2019 8:16:40 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113819.D
 Acq: 18 Apr 2019 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.1	121.7
160	44.1	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 81.006 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113819.D

Acq: 18 Apr 2019 16:09

Instrument :

BNA_F

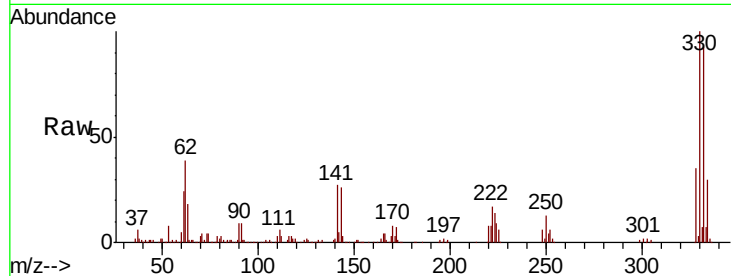
ClientSampled :

TP-14-S

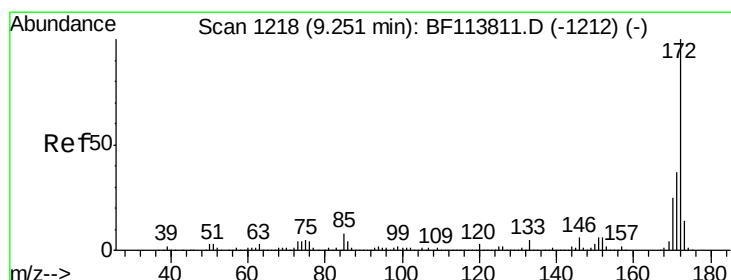
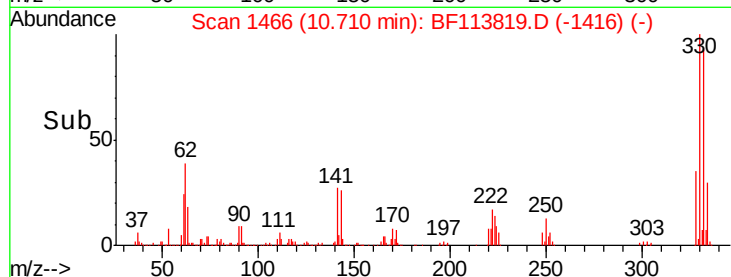
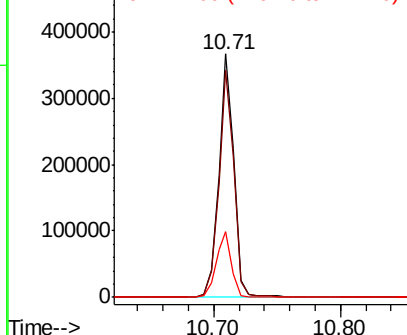
Tot Ion:	330	Resp:	305513
Ion Ratio	Lower	Upper	
330	100		
332	93.9	77.5	116.3
141	27.5	22.2	33.2

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:40 AM



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: 64.496 ng

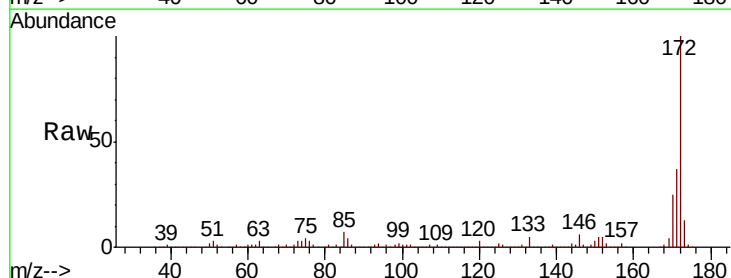
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

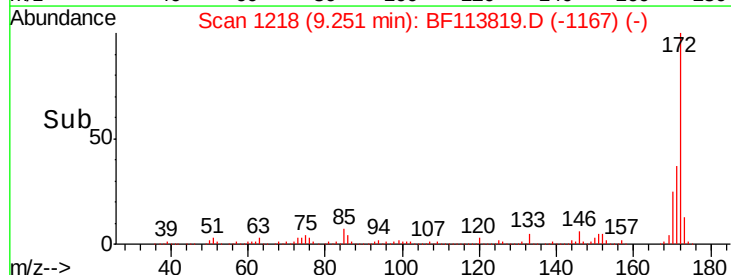
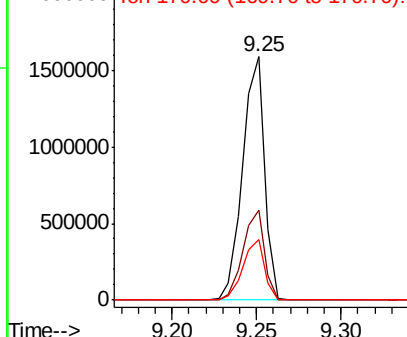
Lab File: BF113819.D

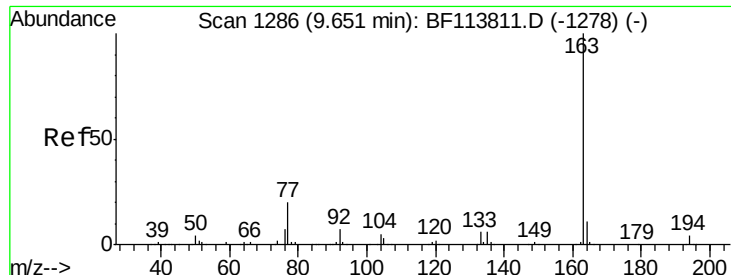
Acq: 18 Apr 2019 16:09

Tgt Ion:	172	Resp:	1443699
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.4	44.0
170	25.0	19.9	29.9



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





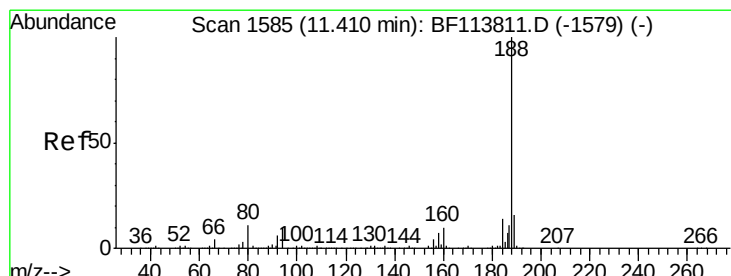
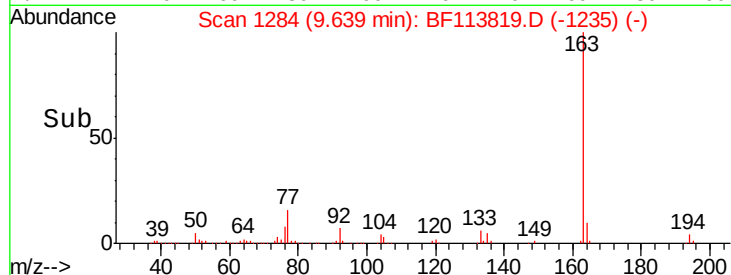
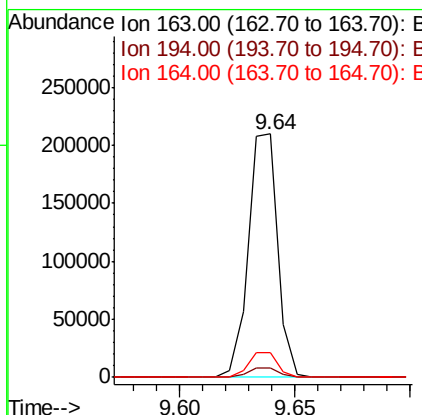
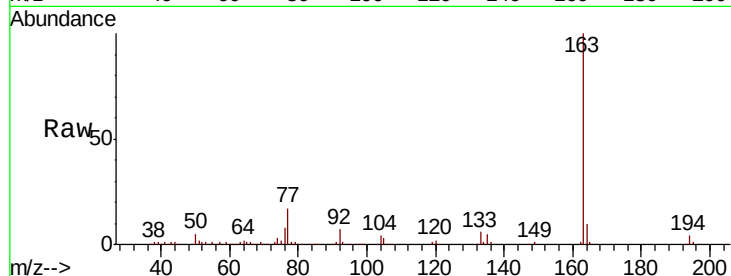
#50
Dimethylphthalate
Concen: 7.822 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Instrument :
BNA_F
ClientSampled :
TP-14-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	186864		
194	3.9		3.4	5.2
164	10.1		8.5	12.7

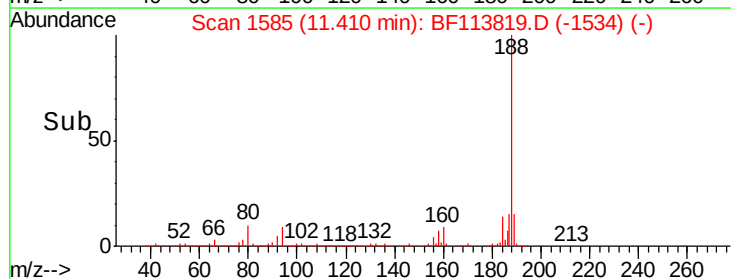
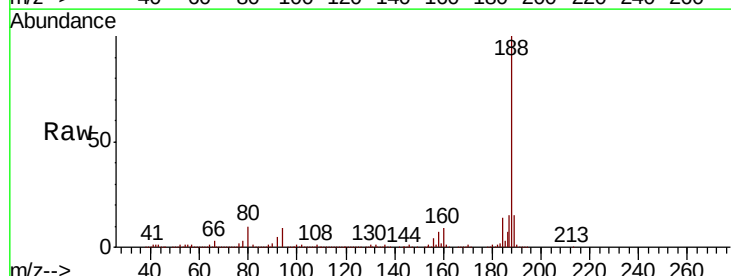
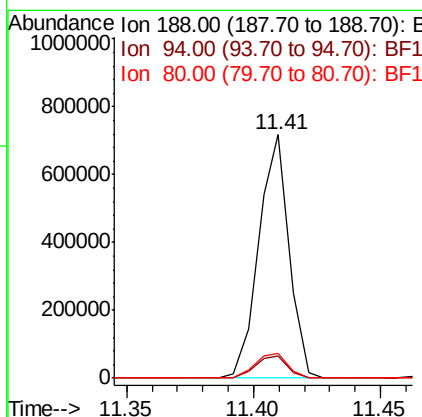
Manual Integrations
APPROVED

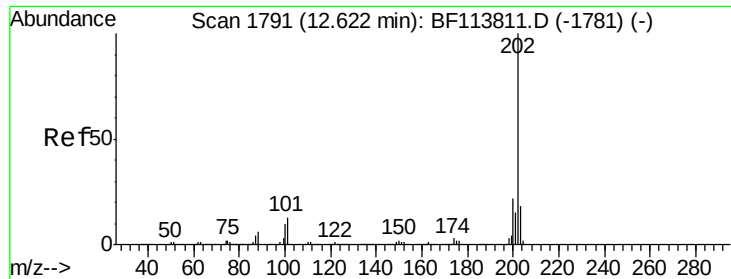
Sohil
4/23/2019 8:16:40 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	595320		
94	8.9		8.2	12.4
80	10.1		9.0	13.6





#75

Fluoranthene

Concen: 2.738 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF113819.D

Acq: 18 Apr 2019 16:09

Instrument :

BNA_F

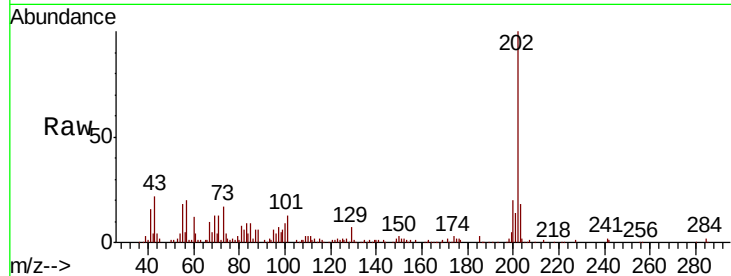
ClientSampled :

TP-14-S

Tot Ion:	202	Resp:	87975
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	32.9
203	17.7	0.0	38.2

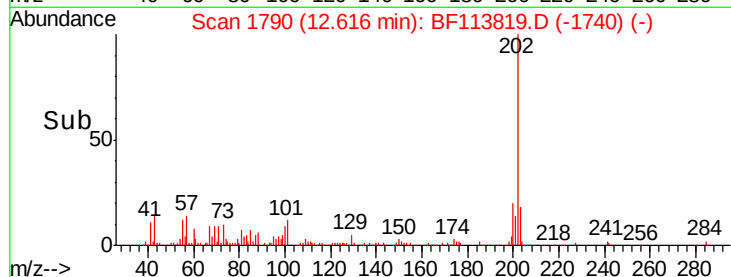
Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:40 AM

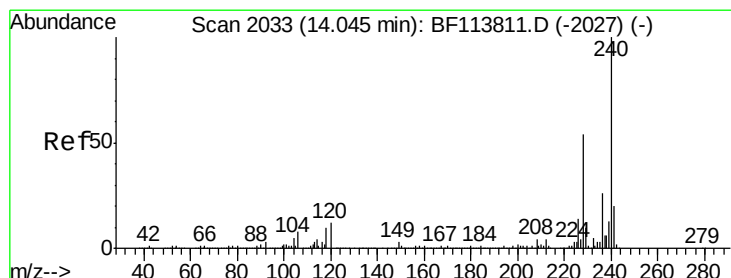


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.62



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

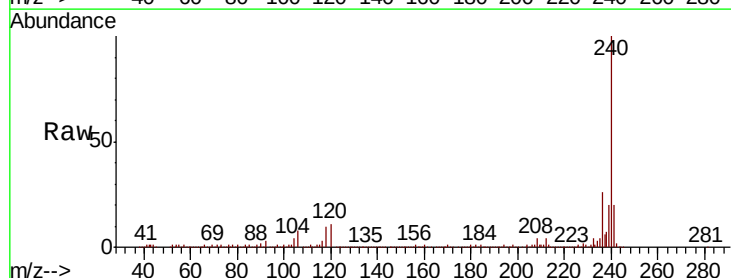
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113819.D

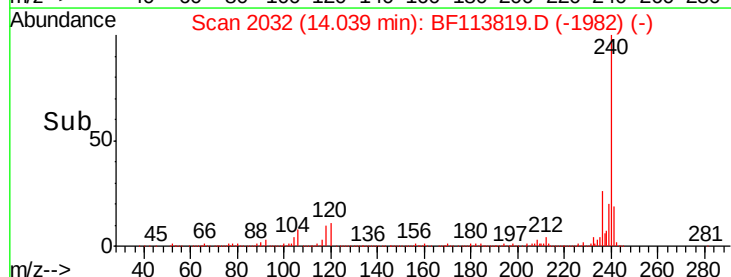
Acq: 18 Apr 2019 16:09

Tgt Ion:	240	Resp:	437552
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.3	13.9
236	26.3	21.2	31.8

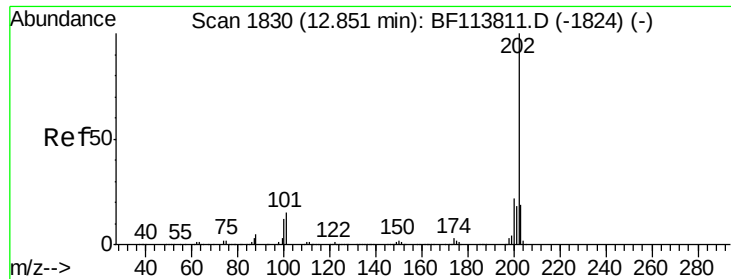


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.04



Time-->



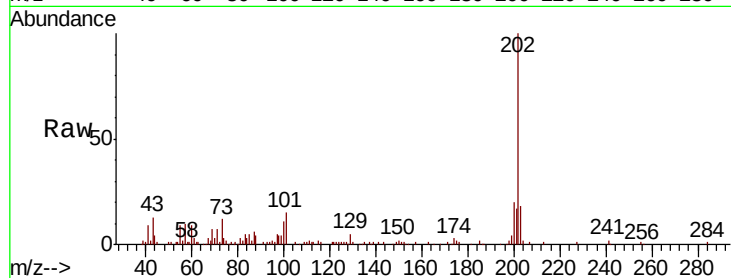
#78
Pvrene
Concen: 2.827 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Instrument :
BNA_F
ClientSampled :
TP-14-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.7	15.0	22.6

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:40 AM

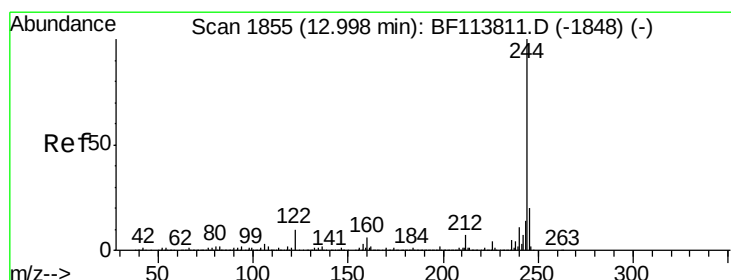
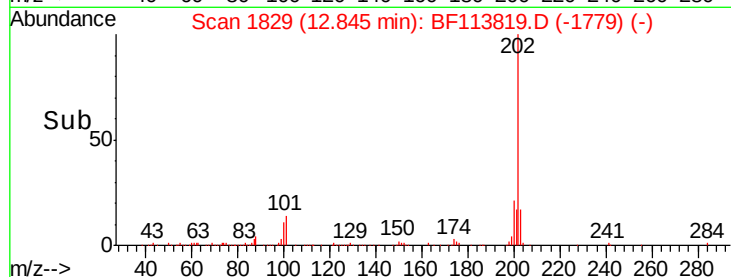
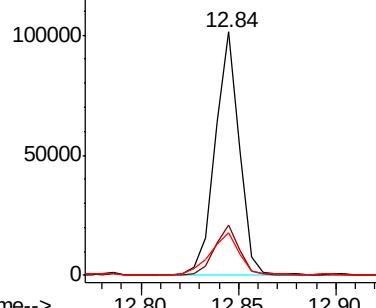


Abundance

Ion 202.00 (201.70 to 202.70): E

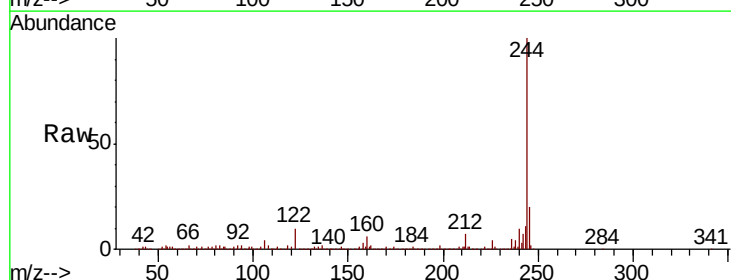
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 67.728 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.0	7.6	11.4

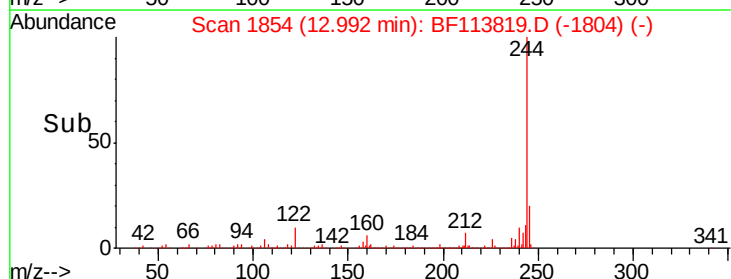
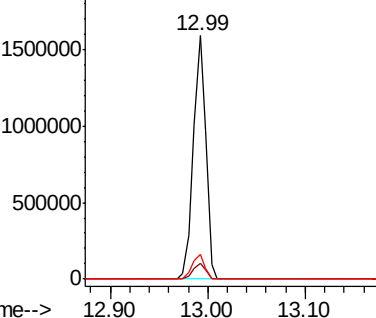


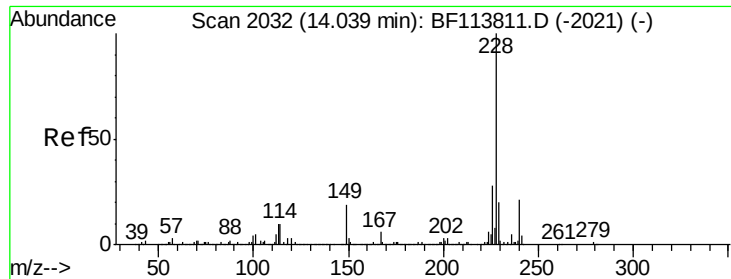
Abundance

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





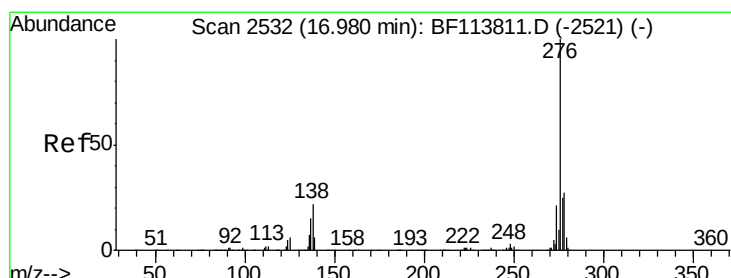
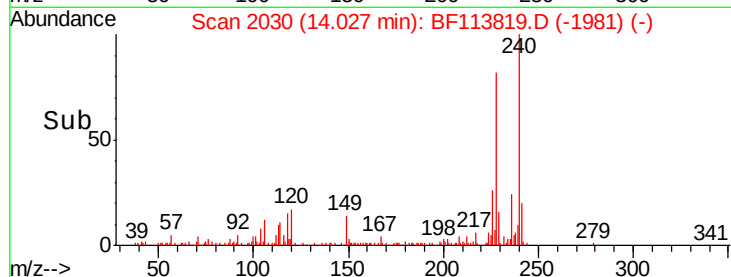
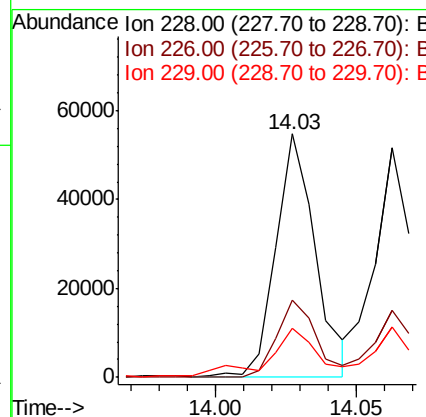
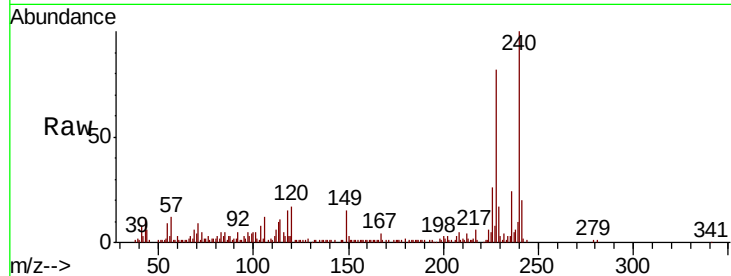
#81
Benzo(a)anthracene
Concen: 2.092 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.2	33.2
229	20.3	16.0	24.0

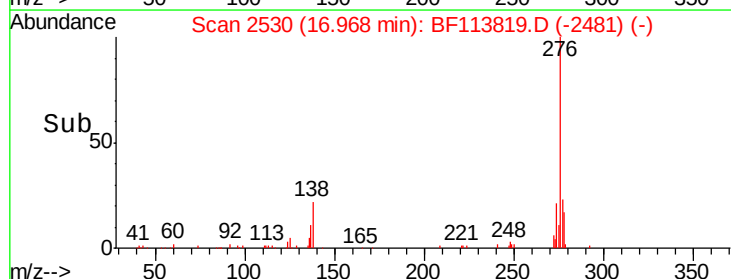
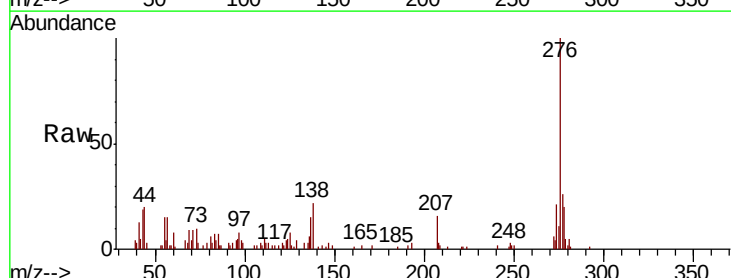
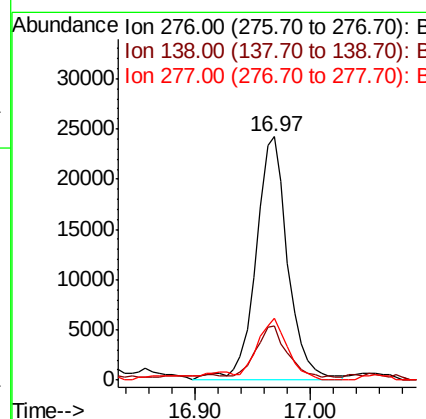
Manual Integrations
APPROVED

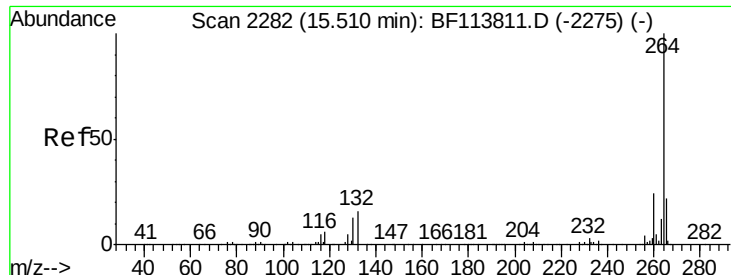
Sohil
4/23/2019 8:16:40 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.263 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.6	29.4#
277	23.9	20.2	30.4





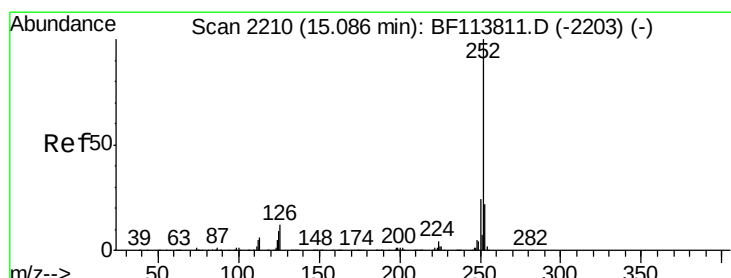
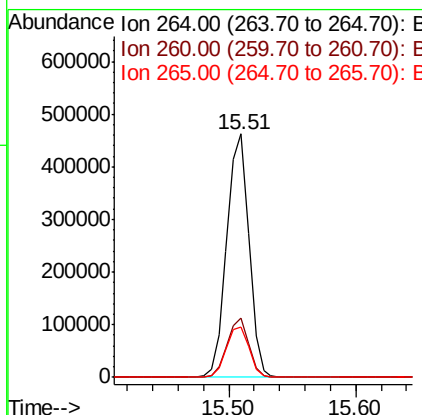
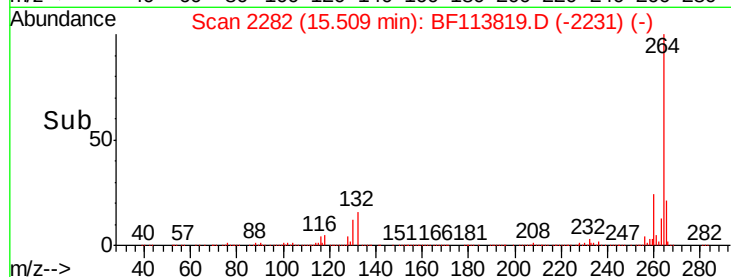
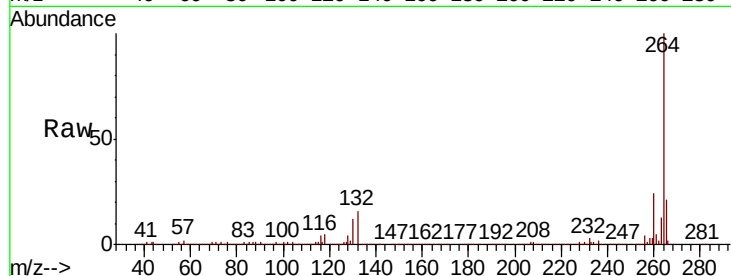
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	20.8	17.3	25.9

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:40 AM



#88
Benzo(b)fluoranthene
Concen: 2.070 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF113819.D
Acq: 18 Apr 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.6
125	24.5	7.0	10.6

