

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113937.D
 Acq On : 23 Apr 2019 22:45
 Operator : JU/SJ
 Sample : K2515-19RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13RE

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:51:33 AM

Quant Time: Apr 24 07:38:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	94061	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	300143	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	127754	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	233348	20.00	ng	0.00
76) Chrysene-d12	14.05	240	268117	20.00	ng	-0.02
87) Perylene-d12	15.53	264	230333	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1045292	190.07	ng	0.01
7) Phenol-d6	6.53	99	1308589	189.66	ng	0.00
23) Nitrobenzene-d5	7.46	82	758099	155.95	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	312321	200.68	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1336065	163.57	ng	0.00
79) Terphenyl-d14	13.00	244	1550998	118.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	99036	10.719	ng	99
75) Fluoranthene	12.63	202	57514	4.495	ng	95
78) Pyrene	12.86	202	53131	2.834	ng	97
81) Benzo(a)anthracene	14.04	228	34760	2.200	ng	95
83) Chrysene	14.07	228	35616	2.315	ng	99
88) Benzo(b)fluoranthene	15.10	252	45575m	3.127	ng	
90) Benzo(a)pyrene	15.47	252	29062	2.306	ng	98

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

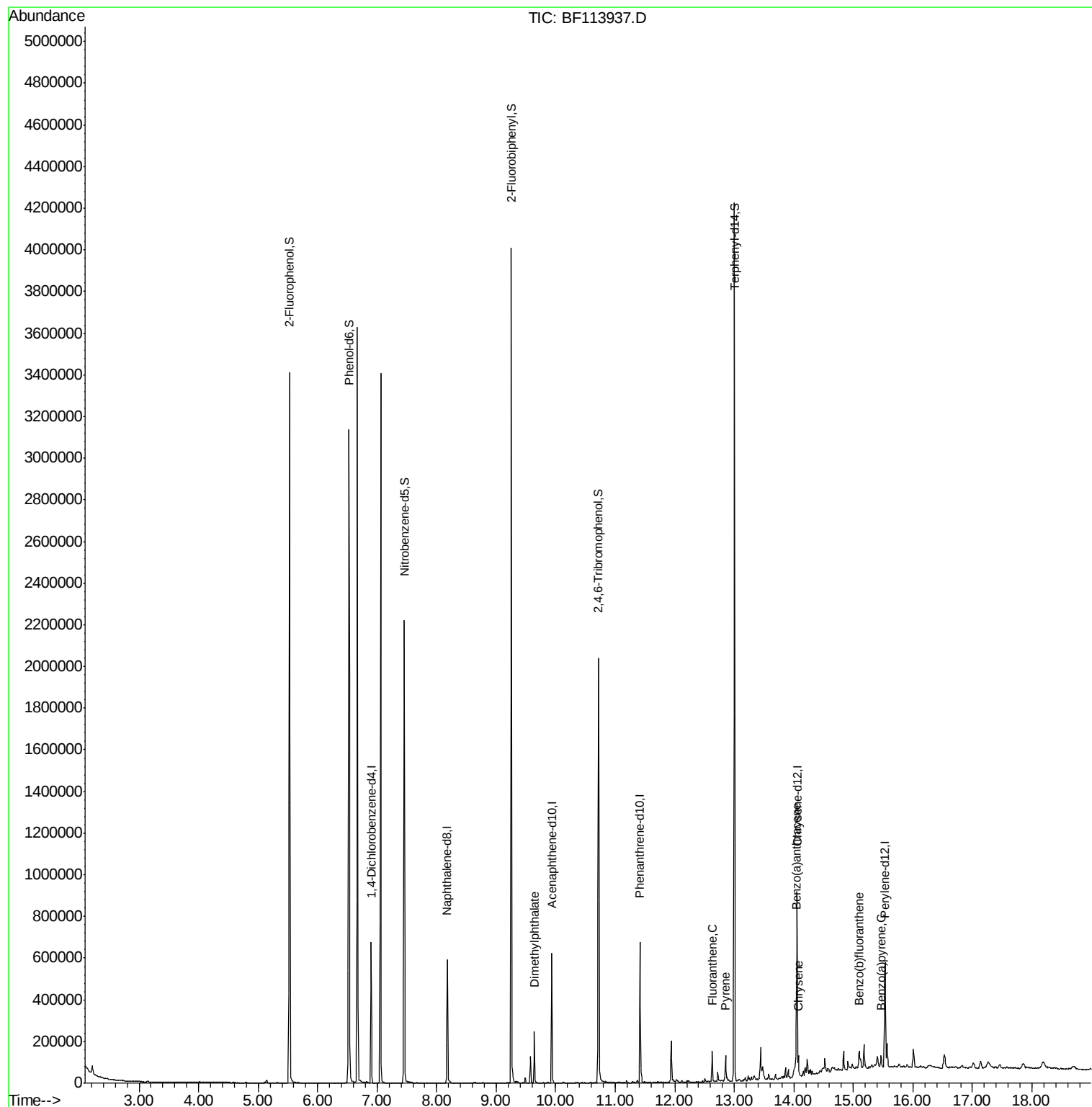
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113937.D
Acq On : 23 Apr 2019 22:45
Operator : JU/SJ
Sample : K2515-19RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

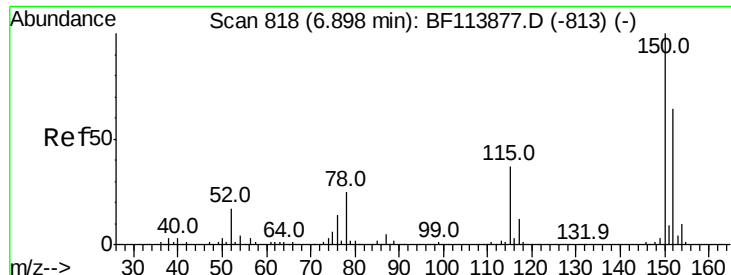
Instrument :
BNA_F
ClientSampleId :
TP-13RE

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:33 AM

Quant Time: Apr 24 07:38:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration





#1

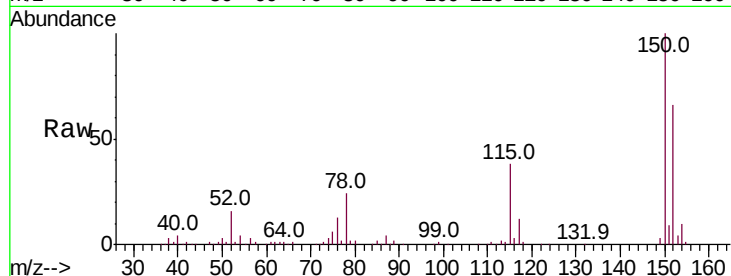
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_F
ClientSampled :
TP-13RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	125.9	188.9
115	57.0	45.9	68.9

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:33 AM

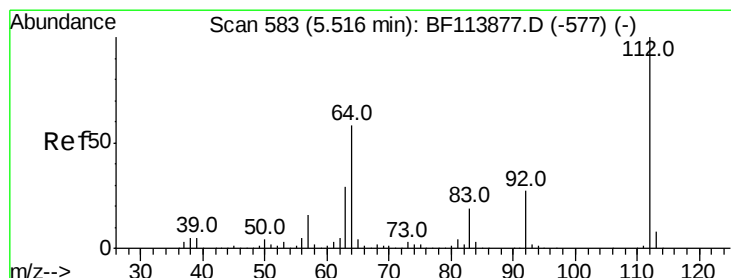
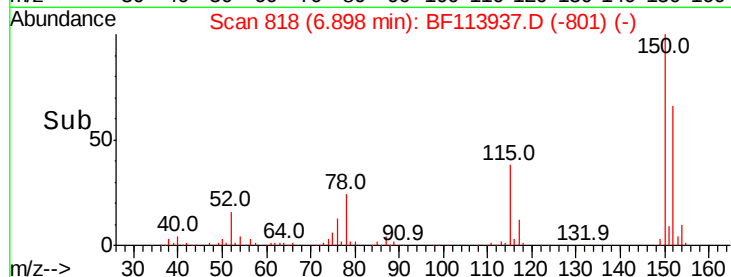
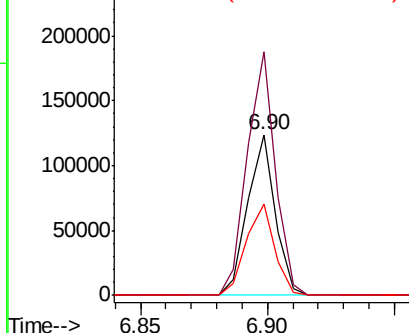


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

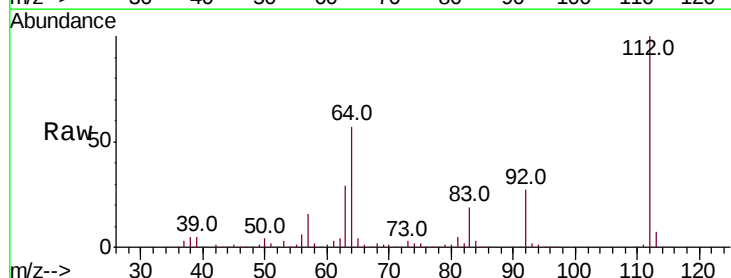
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 190.070 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.6	69.8
63	28.6	23.1	34.7

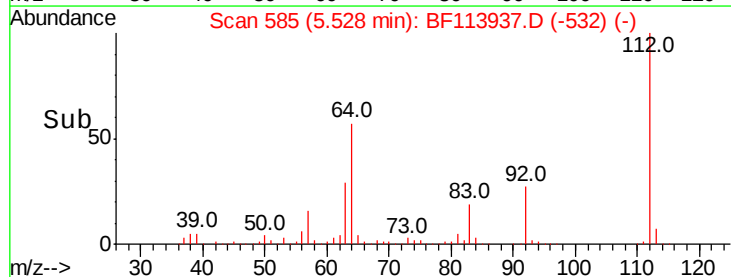
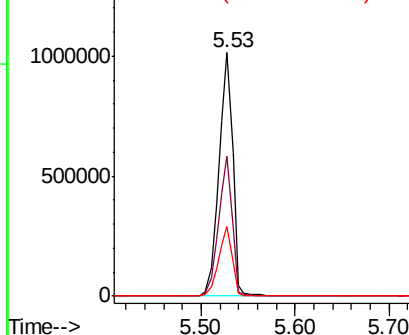


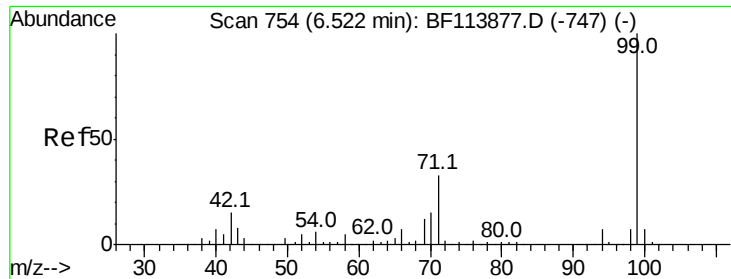
Abundance

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: 189.657 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113937.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_F

ClientSampleId :

TP-13RE

Tot Ion: 99 Resp: 1308589

Ion Ratio Lower Upper

99 100

42 15.5 12.5 18.7

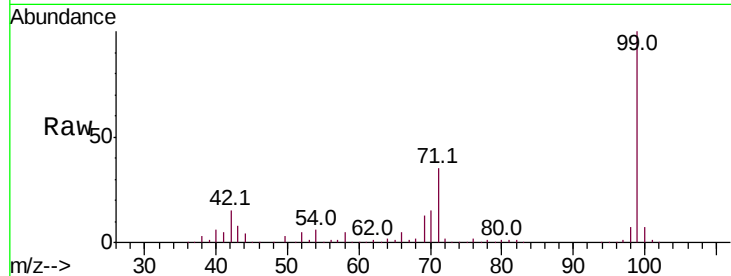
71 35.0 26.9 40.3

Manual Integrations

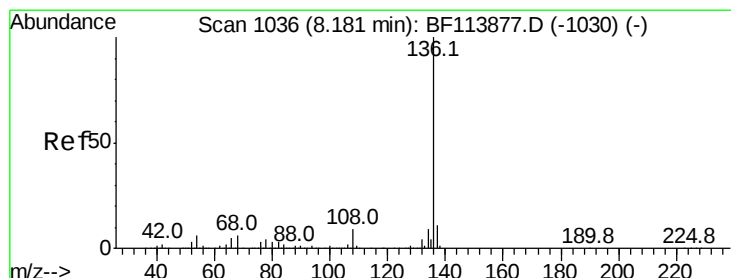
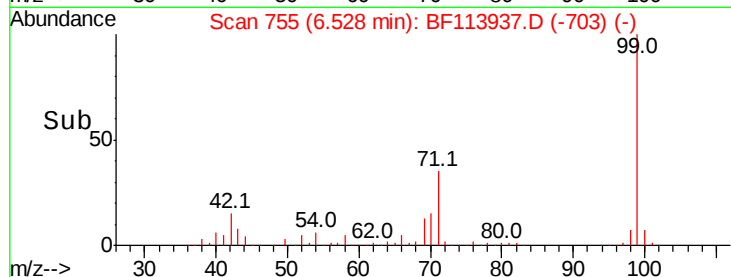
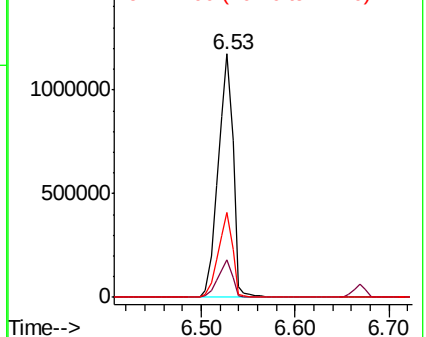
APPROVED

Sohil

4/24/2019 11:51:33 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: BF113937.D

Acq: 23 Apr 2019 22:45

Tgt Ion: 136 Resp: 300143

Ion Ratio Lower Upper

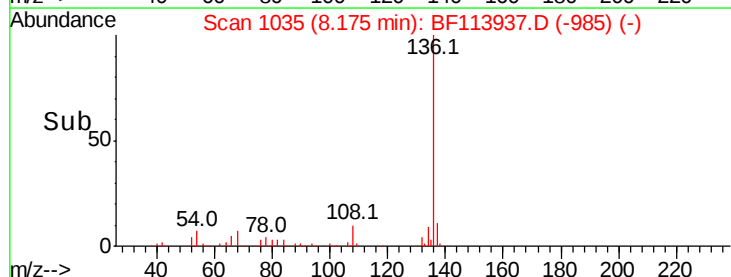
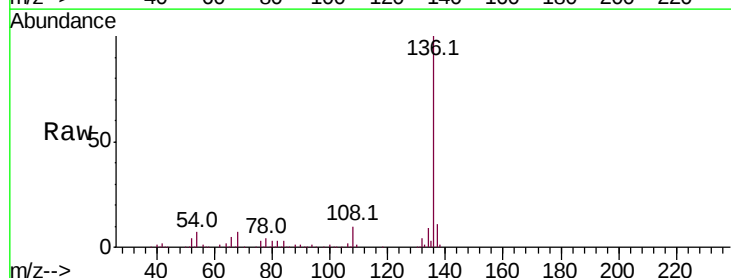
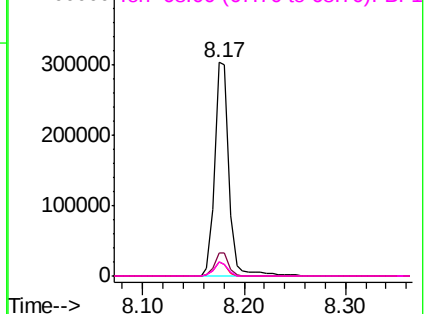
136 100

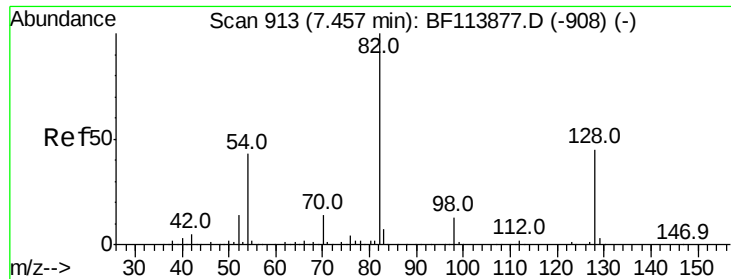
137 11.0 8.6 12.8

54 6.8 5.0 7.6

68 6.6 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





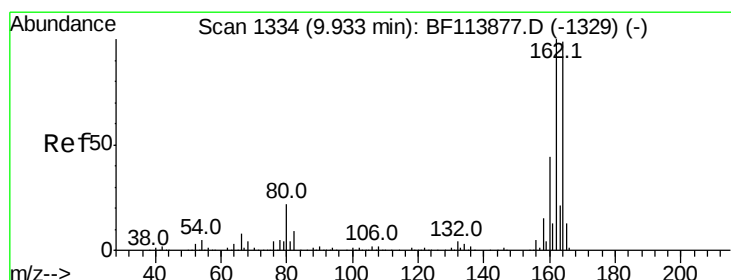
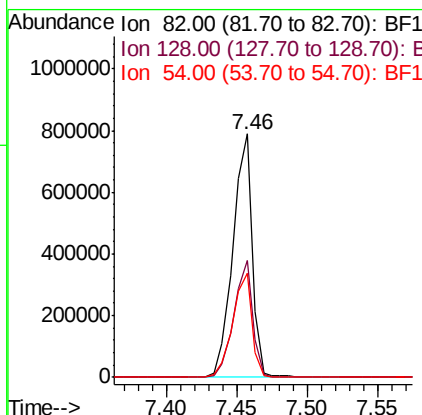
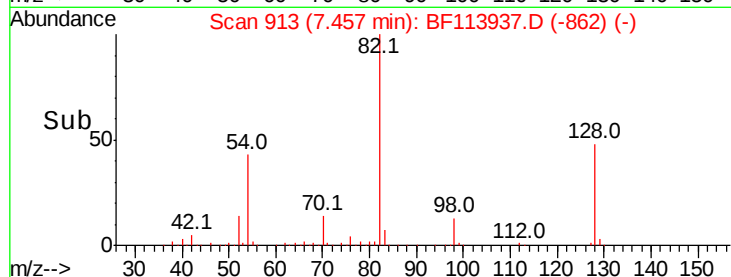
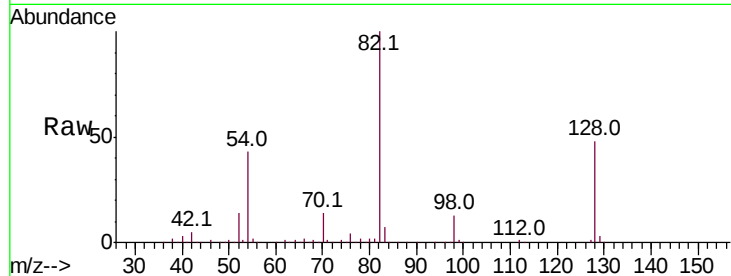
#23
 Nitrobenzene-d5
 Concen: 155.952 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113937.D
 Acq: 23 Apr 2019 22:45

Instrument :
 BNA_F
 ClientSampled :
 TP-13RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.8	55.2
54	42.7	33.8	50.6

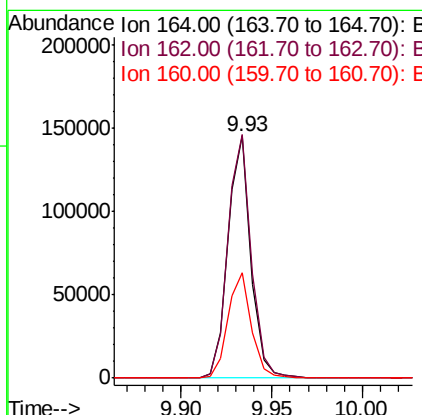
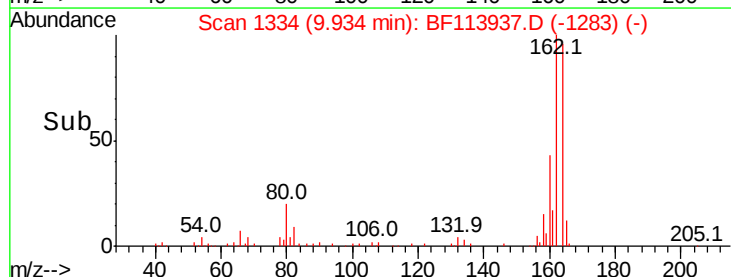
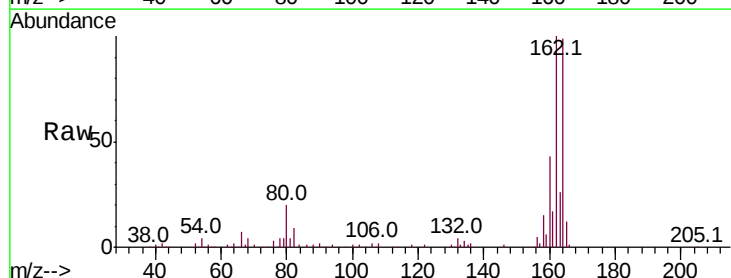
Manual Integrations
 APPROVED

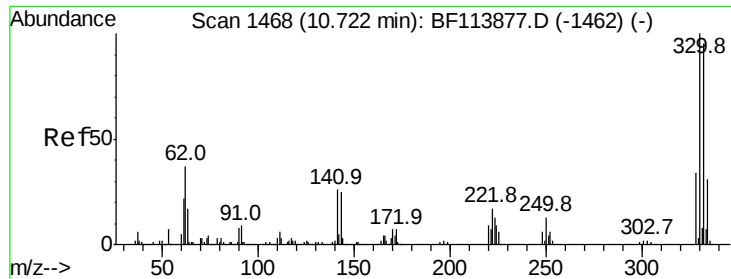
Sohil
 4/24/2019 11:51:33 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113937.D
 Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.1	121.7
160	43.5	35.8	53.6





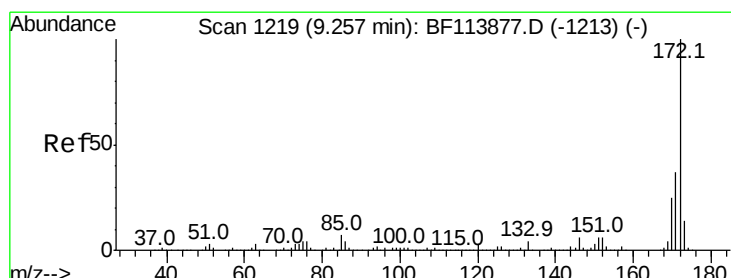
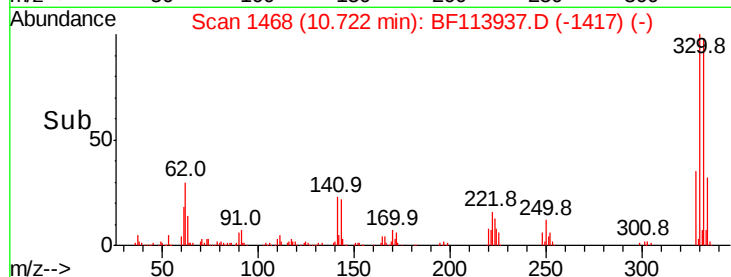
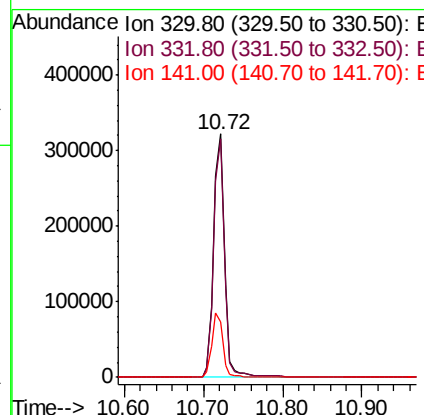
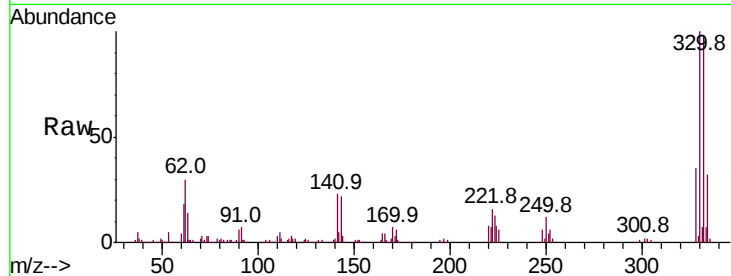
#42
 2,4,6-Tribromophenol
 Concen: 200.681 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113937.D
 Acq: 23 Apr 2019 22:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-13RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	312321		
332	97.3	77.5	116.3	
141	26.9	22.2	33.2	

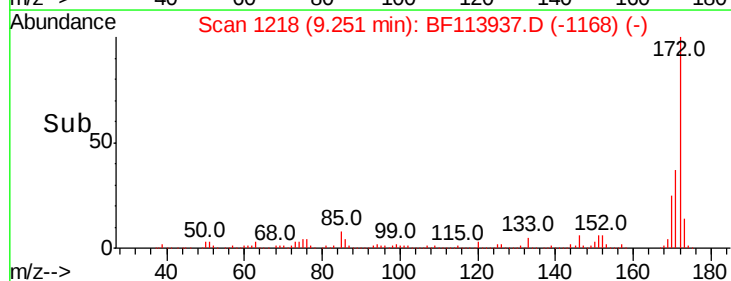
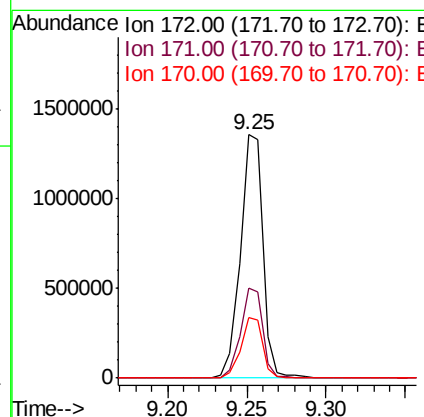
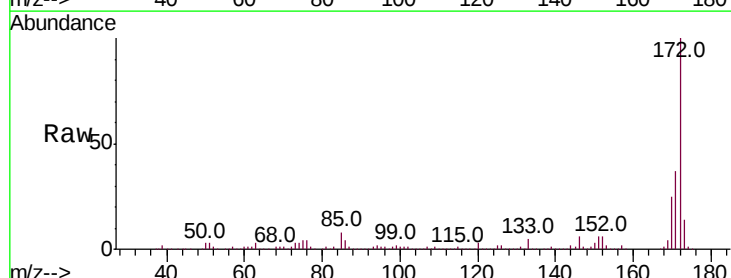
Manual Integrations
 APPROVED

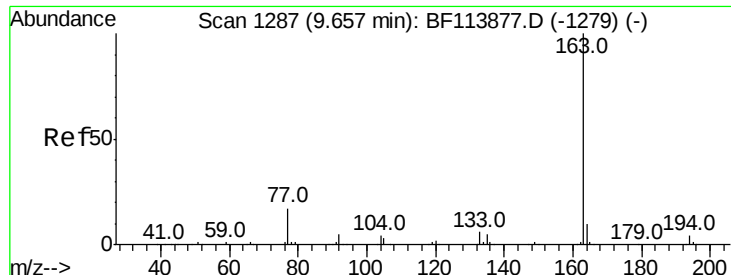
Sohil
 4/24/2019 11:51:33 AM



#45
 2-Fluorobiphenyl
 Concen: 163.567 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113937.D
 Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1336065		
171	36.9	29.4	44.0	
170	24.7	19.9	29.9	





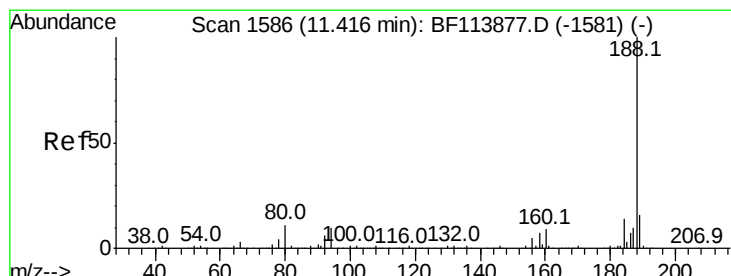
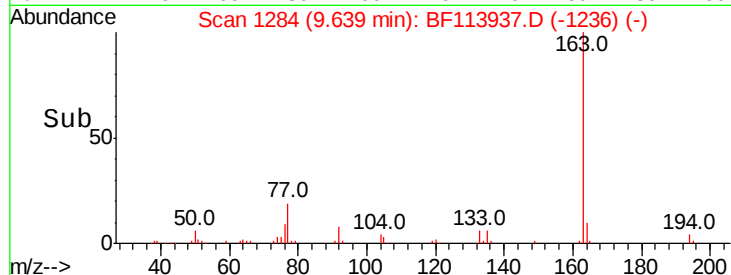
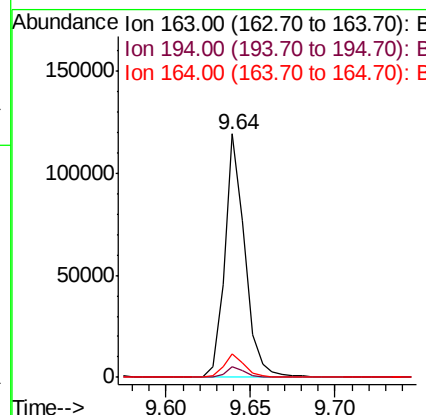
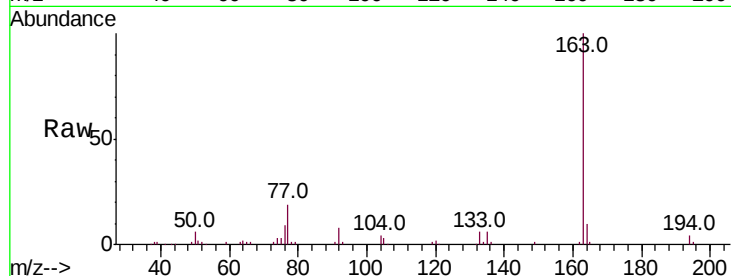
#50
Dimethylphthalate
Concen: 10.719 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.4	5.2	
164	9.9	8.5	12.7	

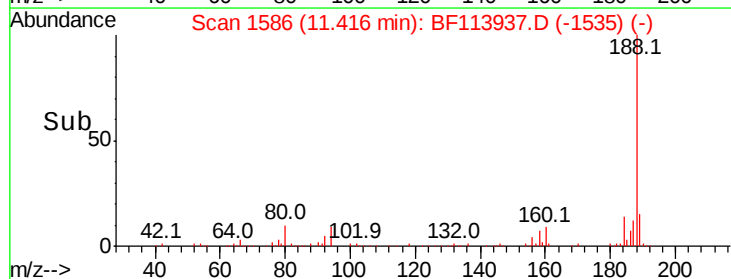
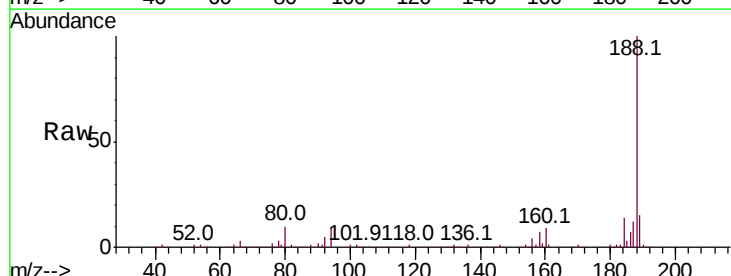
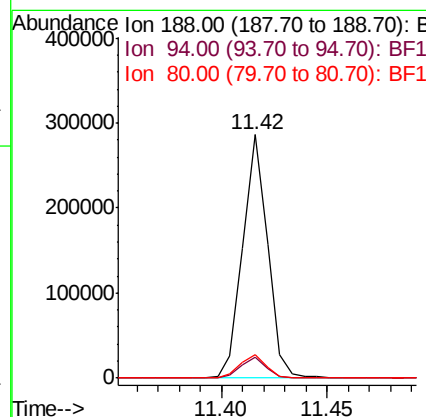
Manual Integrations
APPROVED

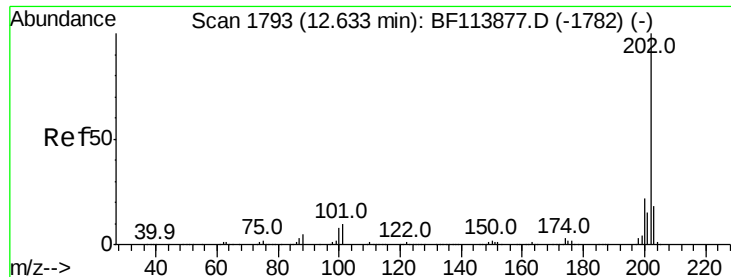
Sohil
4/24/2019 11:51:33 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.8	8.2	12.4	
80	9.7	9.0	13.6	





#75

Fluoranthene

Concen: 4.495 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113937.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_F

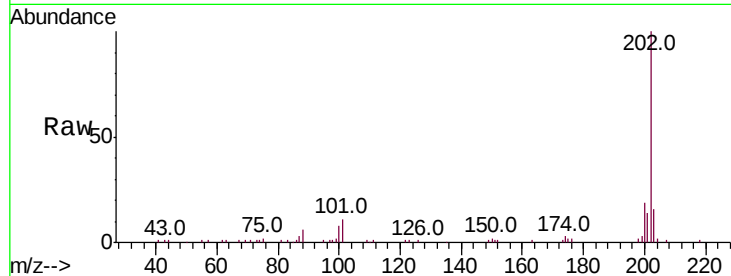
ClientSampleId :

TP-13RE

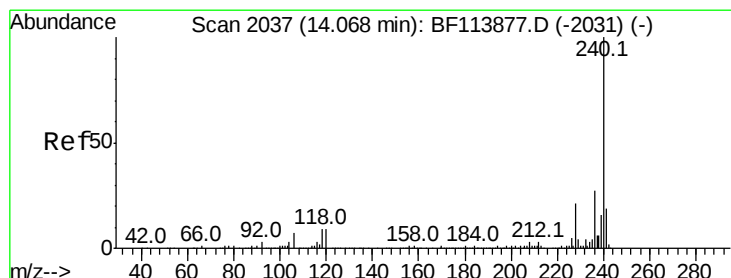
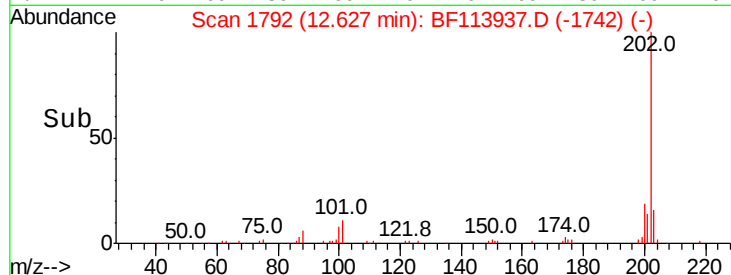
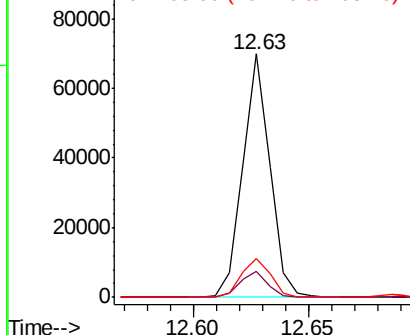
Tot Ion:	202	Resp:	57514
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	32.9
203	15.8	0.0	38.2

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:33 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



#76

Chrysene-d12

Concen: 20.000 ng

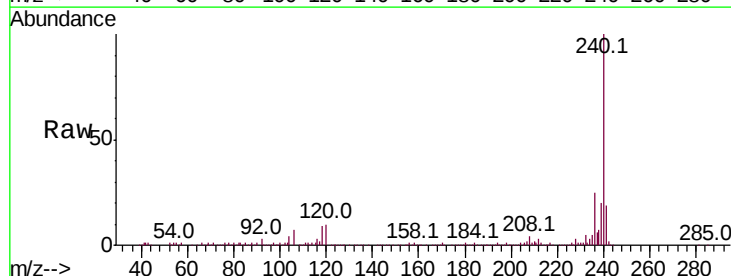
RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

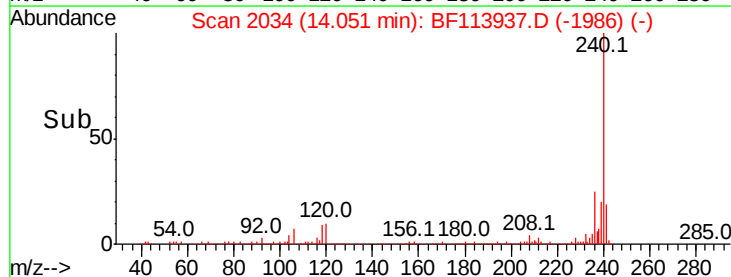
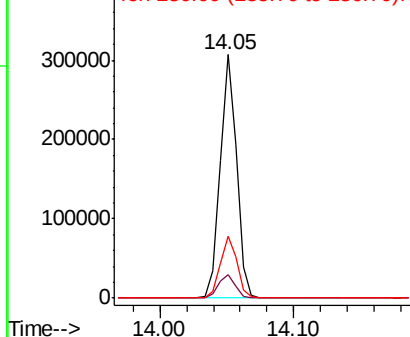
Lab File: BF113937.D

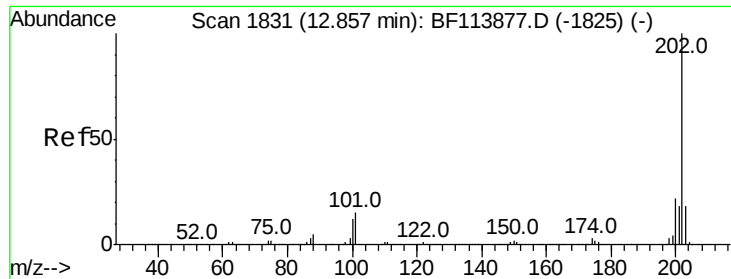
Acq: 23 Apr 2019 22:45

Tgt Ion:	240	Resp:	268117
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.3	13.9
236	25.4	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





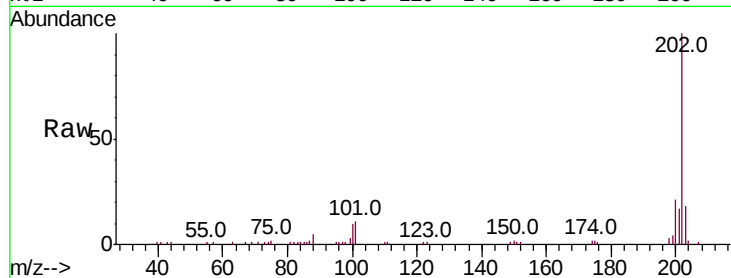
#78
Pvrene
Concen: 2.834 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.5	15.0	22.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:33 AM

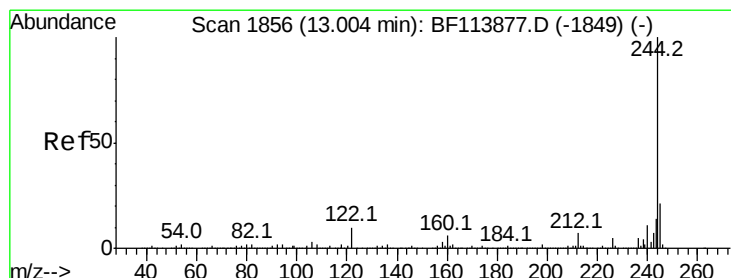
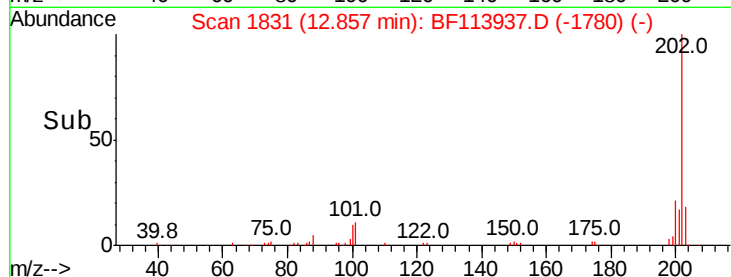
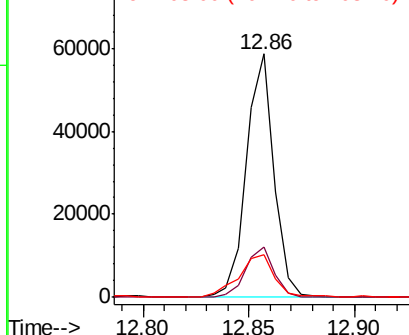


Abundance

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: 118.596 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

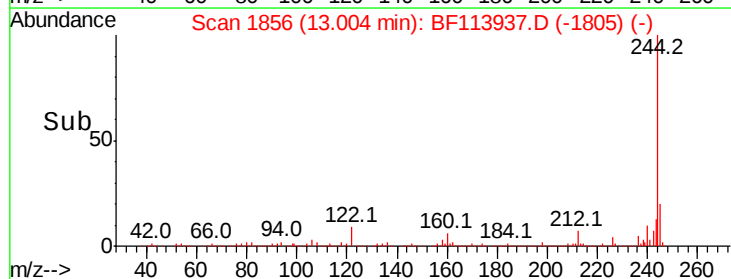
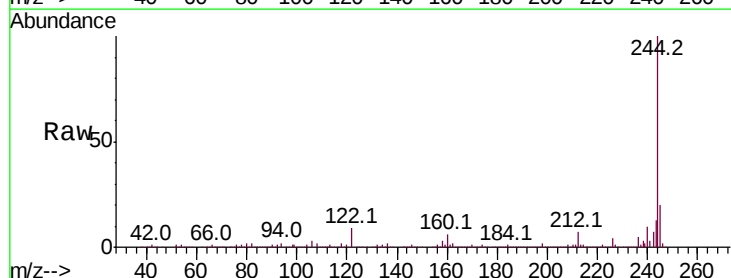
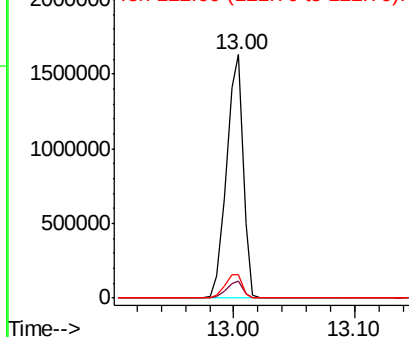
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.2
122	9.4	7.6	11.4

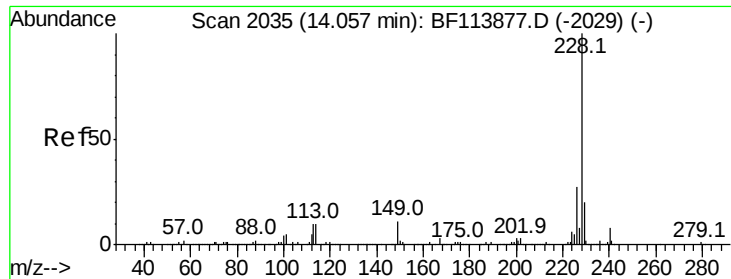
Abundance

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





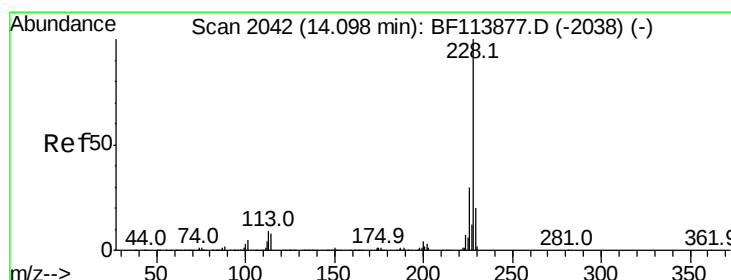
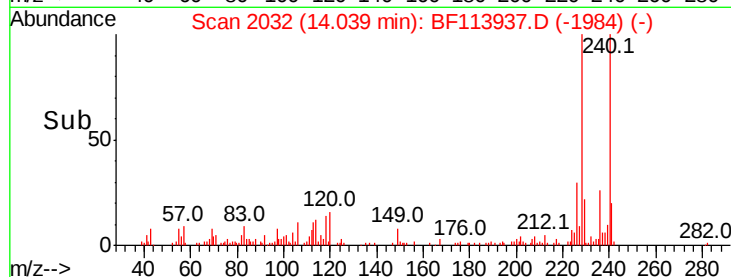
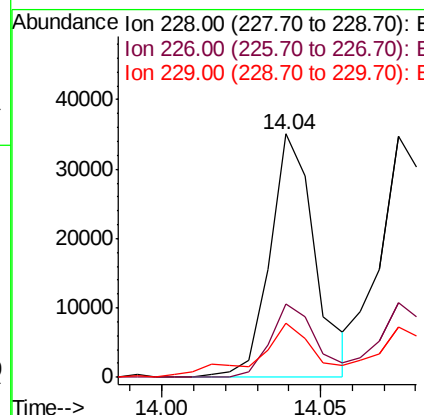
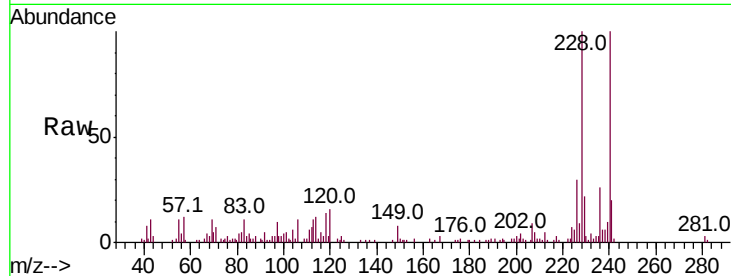
#81
Benzo(a)anthracene
Concen: 2.200 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.2
229	22.5	16.0	24.0

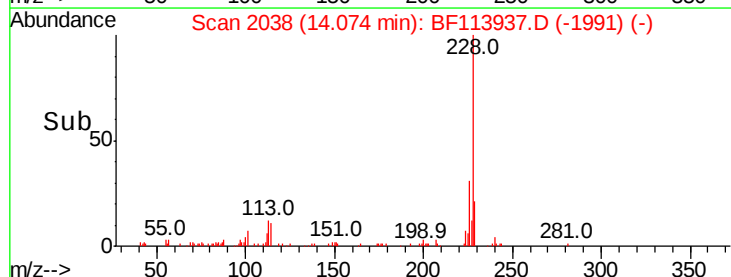
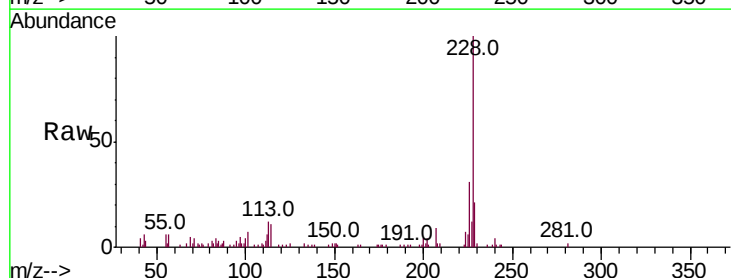
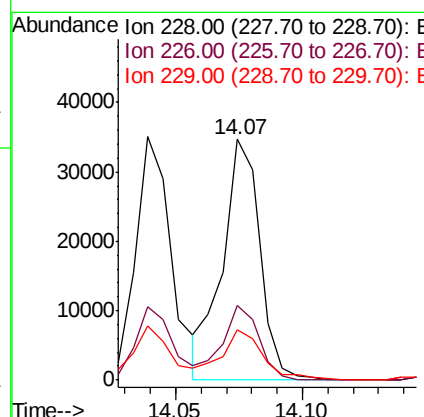
Manual Integrations
APPROVED

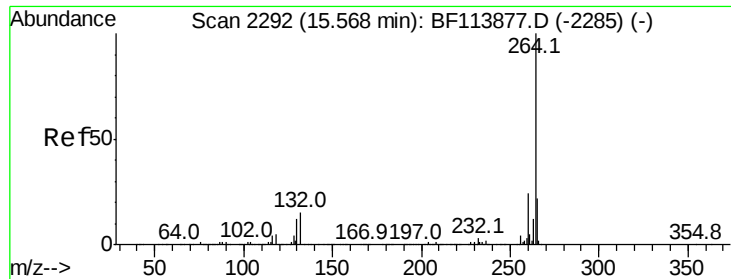
Sohil
4/24/2019 11:51:33 AM



#83
Chrysene
Concen: 2.315 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF113937.D
Acq: 23 Apr 2019 22:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	21.1	16.7	25.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF113937.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_F

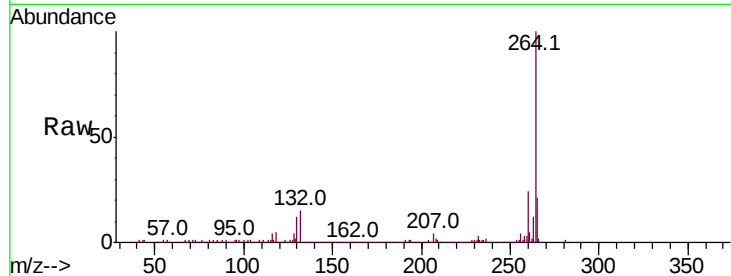
ClientSampled :

TP-13RE

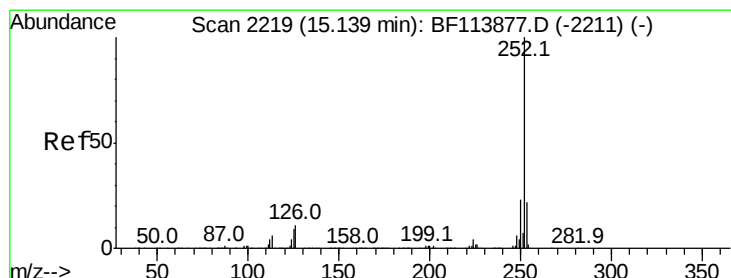
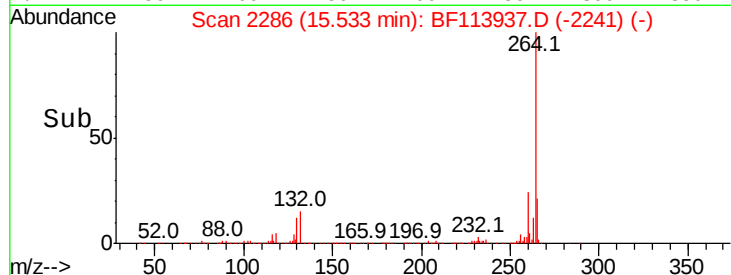
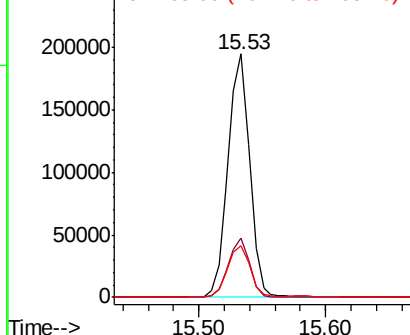
Tot Ion:	264	Resp:	230333
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.9	28.3
265	21.1	17.3	25.9

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:33 AM



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: 3.127 ng m

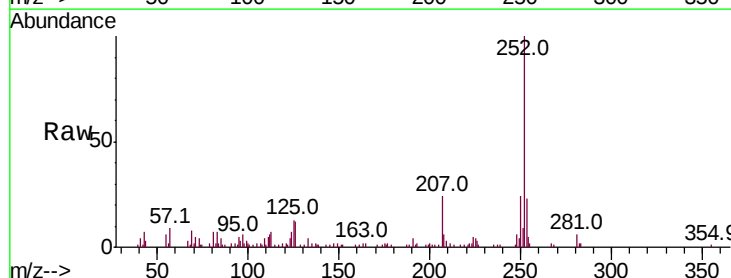
RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

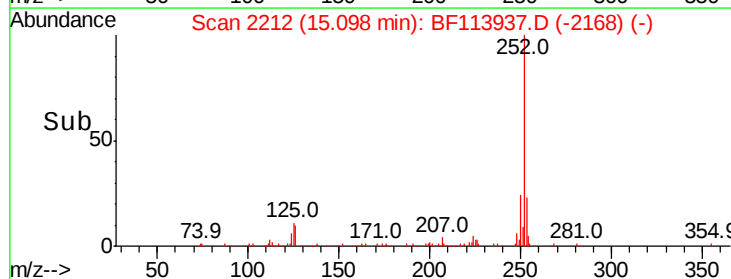
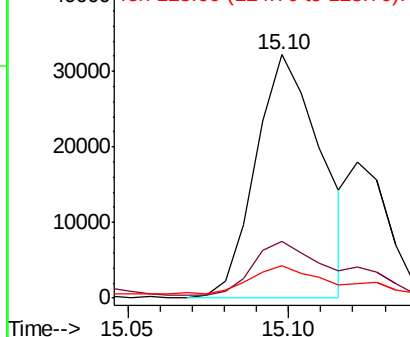
Lab File: BF113937.D

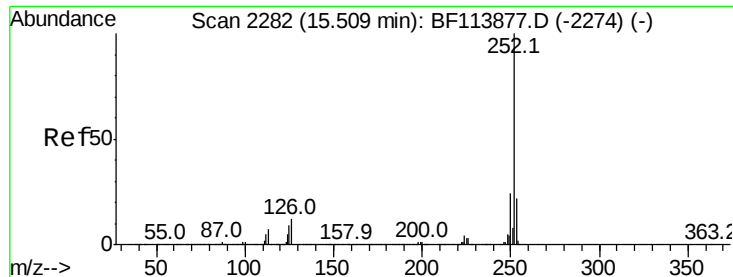
Acq: 23 Apr 2019 22:45

Tgt Ion:	252	Resp:	45575
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	13.3	7.0	10.6#



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: 2.306 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF113937.D

Acq: 23 Apr 2019 22:45

Instrument :

BNA_F

ClientSampleId :

TP-13RE

Tot Ion:	252	Resp:	29062
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	11.7	8.5	12.7

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:33 AM

