

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113852.D
 Acq On : 19 Apr 2019 12:18
 Operator : JU/SJ
 Sample : K2453-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Manual Integrations
 APPROVED

Sohil
 4/22/2019 7:26:28 PM

Quant Time: Apr 19 23:56:54 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	6.90	152	208497	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	743030	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	342631	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	537973	20.00	ng	0.00
76) Chrysene-d12	14.06	240	412999	20.00	ng	0.02
87) Perylene-d12	15.54	264	561051	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1402776	111.87	ng	0.01
7) Phenol-d6	6.52	99	1795886	114.85	ng	0.00
23) Nitrobenzene-d5	7.46	82	1087154	89.10	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	440881	116.47	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1892505	84.23	ng	0.00
79) Terphenyl-d14	13.01	244	1448619	73.55	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.64	163	262898	10.964	ng	99
71) Phenanthrene	11.44	178	91209	3.329	ng	# 94
75) Fluoranthene	12.63	202	151473	5.216	ng	94
78) Pyrene	12.86	202	146996	5.050	ng	95
81) Benzo(a)anthracene	14.06	228	87492	3.624	ng	94
83) Chrysene	14.09	228	90869	3.792	ng	96
85) Di-n-octyl phthalate	14.70	149	281957	14.088	ng	# 67
86) Indeno(1,2,3-cd)pyrene	17.02	276	72266	3.694	ng	95
88) Benzo(b)fluoranthene	15.11	252	135697m	3.880	ng	
90) Benzo(a)pyrene	15.48	252	99211	3.208	ng	# 40
92) Benzo(g,h,i)perylene	17.47	276	67441	2.411	ng	# 91

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

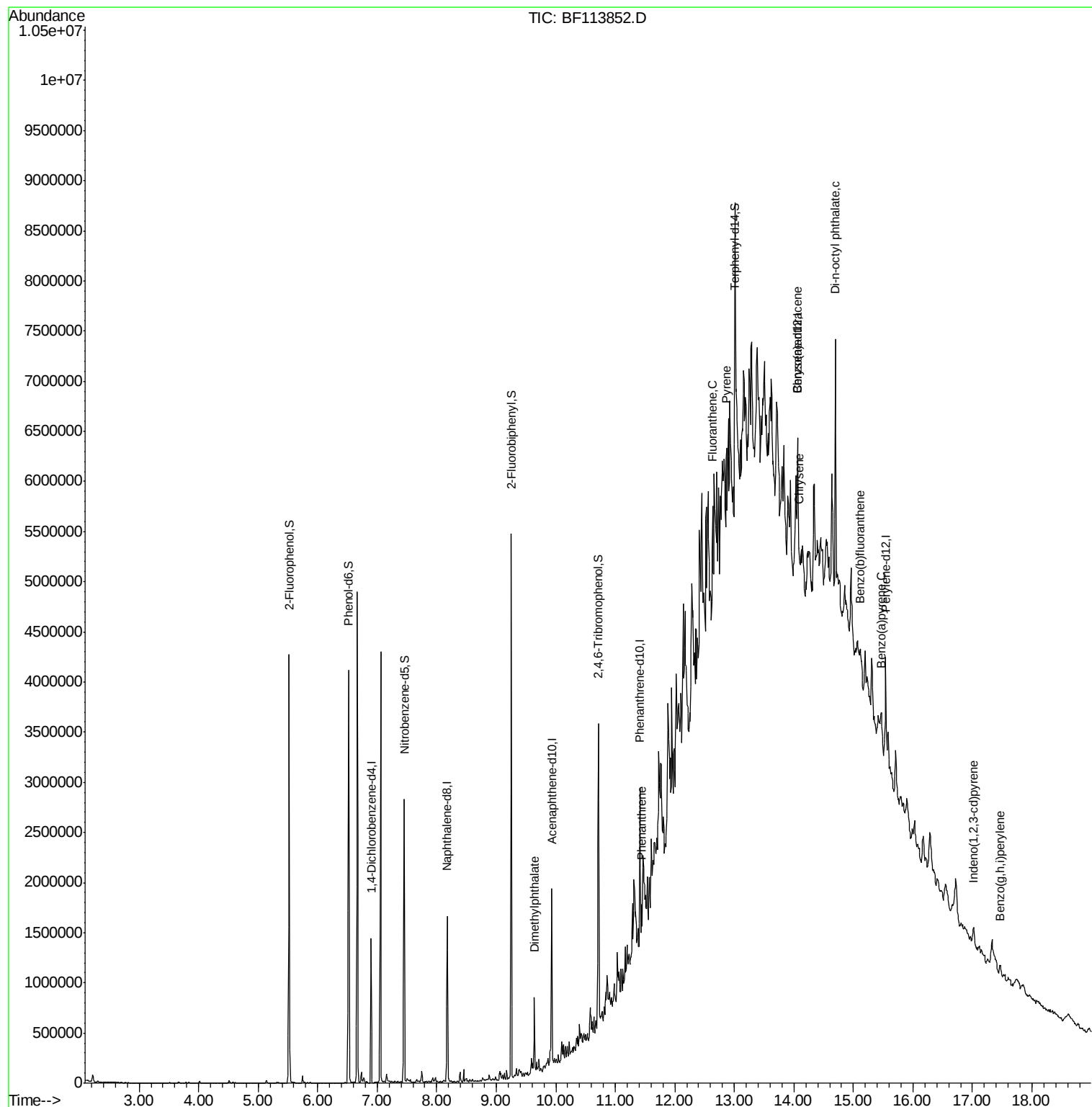
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
Operator : JU/SJ
Sample : K2453-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

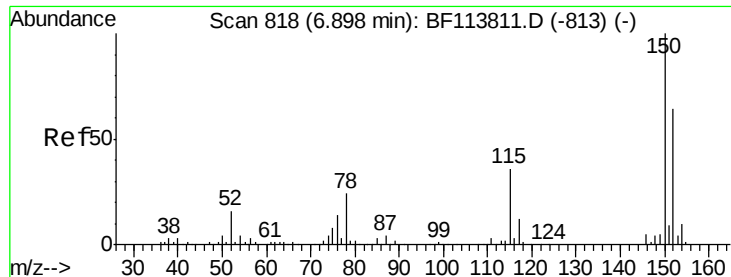
Instrument :
BNA_F
ClientSampleID :
OILY-STONES

Manual Integrations
APPROVED

Sohil
4/22/2019 7:26:28 PM

Quant Time: Apr 19 23:56:54 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

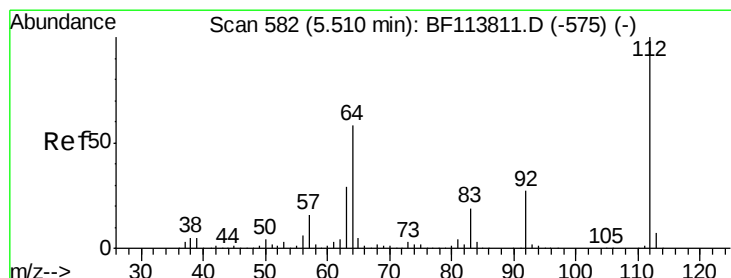
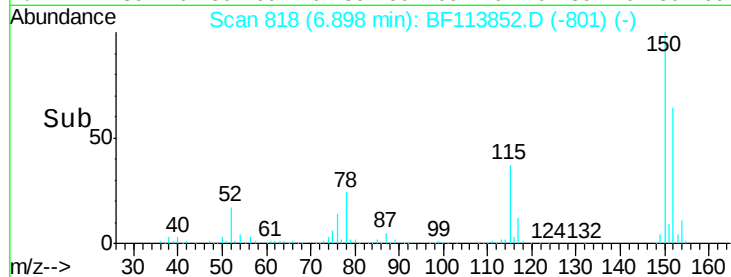
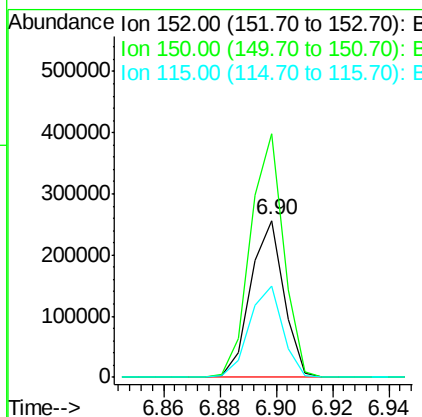
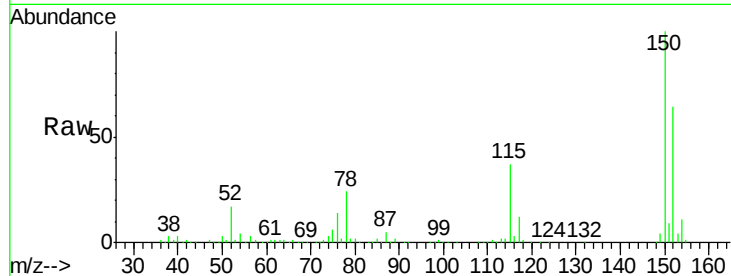
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Instrument :
BNA_F
ClientSampled :
OILY-STONES

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	58.0	45.9	68.9

Manual Integrations
APPROVED

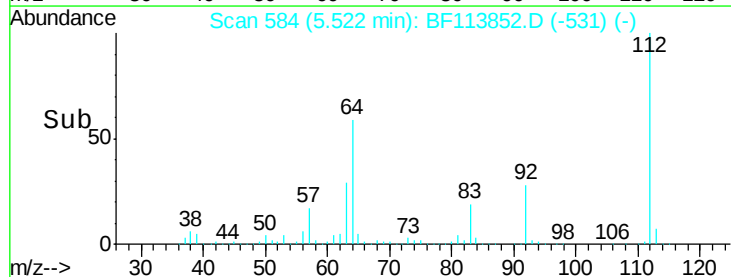
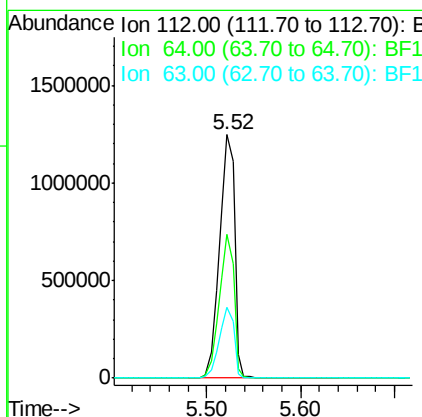
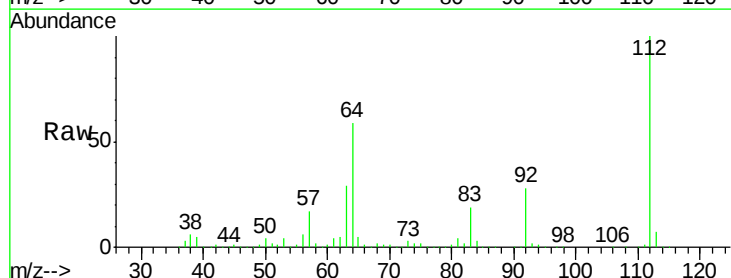
Sohil
4/22/2019 7:26:28 PM

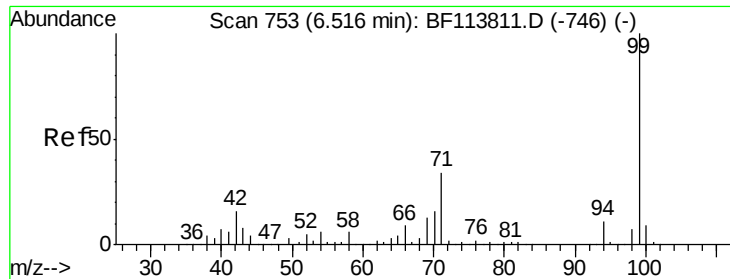


#5

2-Fluorophenol
Concen: 111.872 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	69.8
63	29.3	23.1	34.7





#7

Phenol-d6

Concen: 114.847 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113852.D

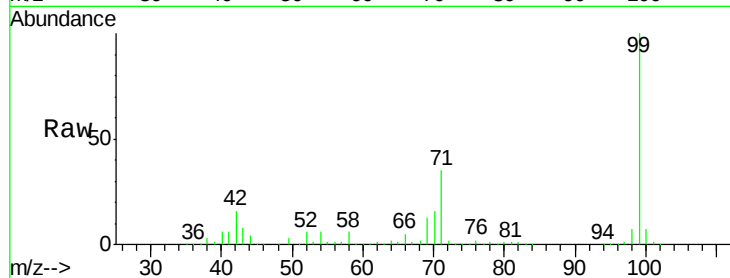
Acq: 19 Apr 2019 12:18

Instrument :

BNA_F

ClientSampleId :

OILY-STONES



Tgt Ion: 99 Resp: 1795886

Ion Ratio Lower Upper

99 100

42 16.3 12.5 18.7

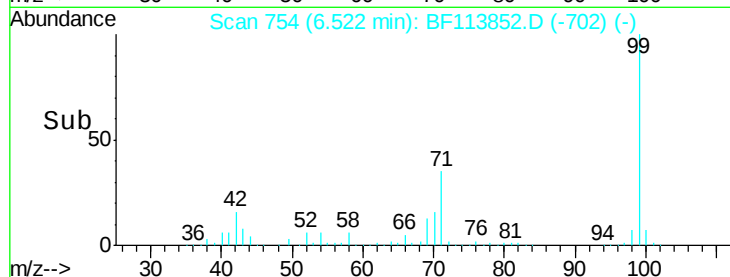
71 35.2 26.9 40.3

Manual Integrations

APPROVED

Sohil

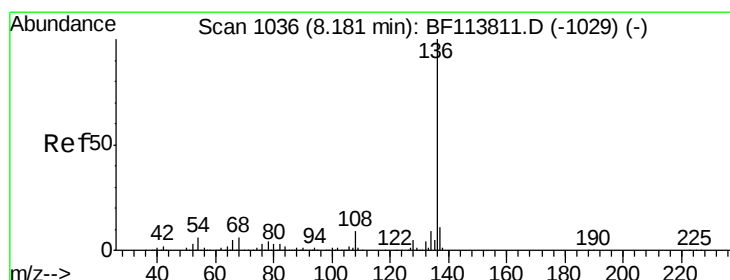
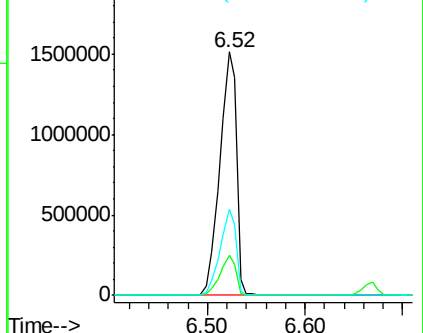
4/22/2019 7:26:28 PM



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113852.D

Acq: 19 Apr 2019 12:18

Tgt Ion: 136 Resp: 743030

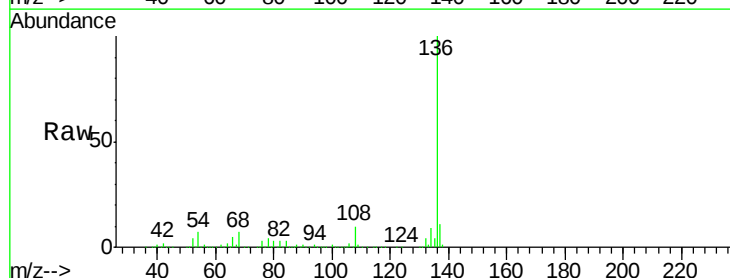
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.0 5.0 7.6

68 6.6 4.9 7.3

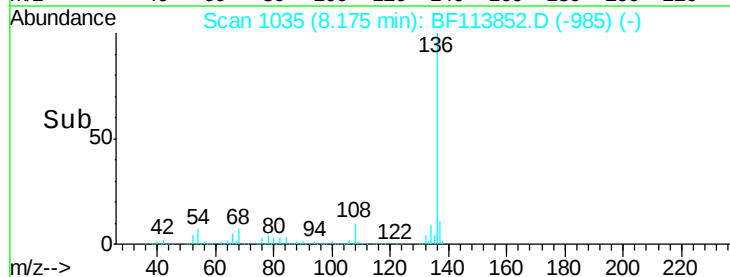
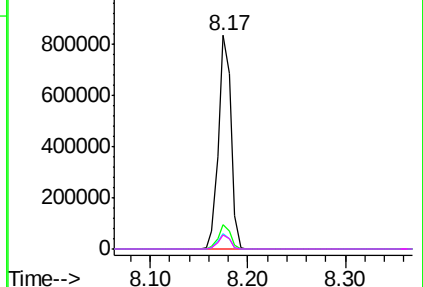


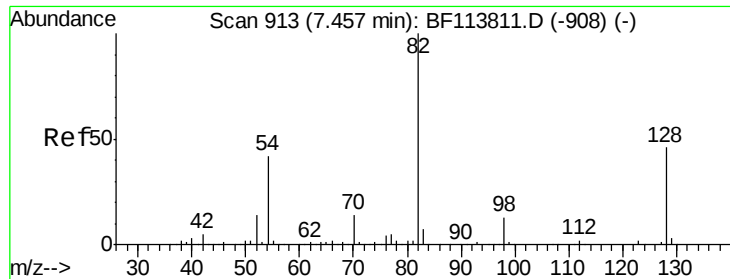
Abundance Ion 136.00 (135.70 to 136.70): E

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





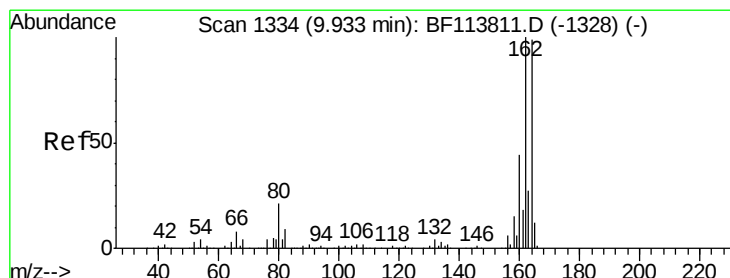
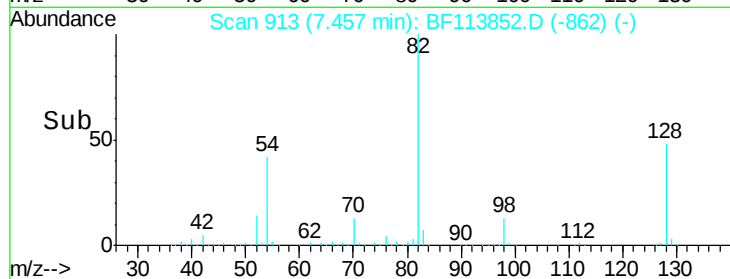
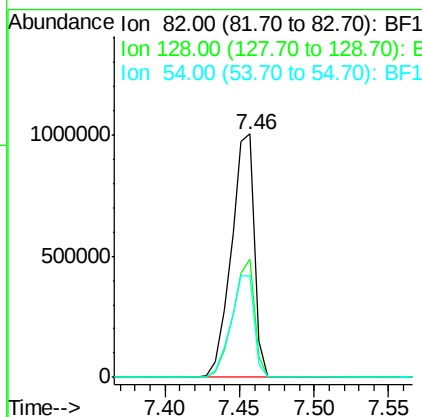
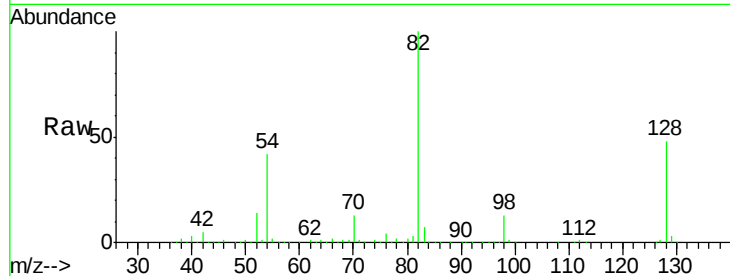
#23
 Nitrobenzene-d5
 Concen: 89.100 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tgt Ion: 82 Resp: 1087154
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.8 55.2
 54 41.8 33.8 50.6

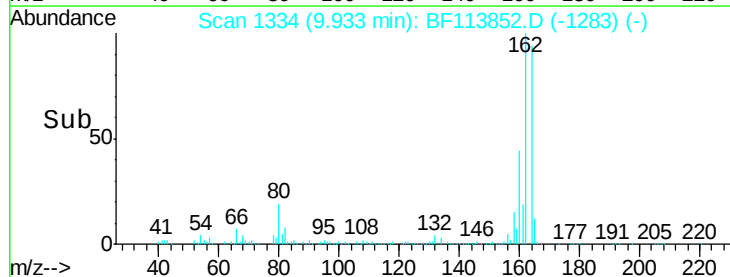
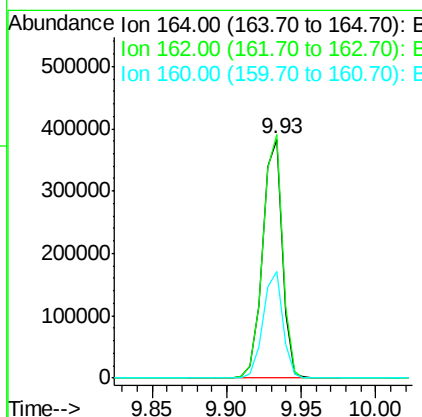
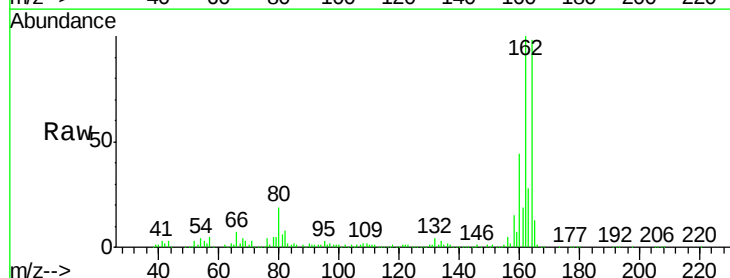
Manual Integrations
 APPROVED

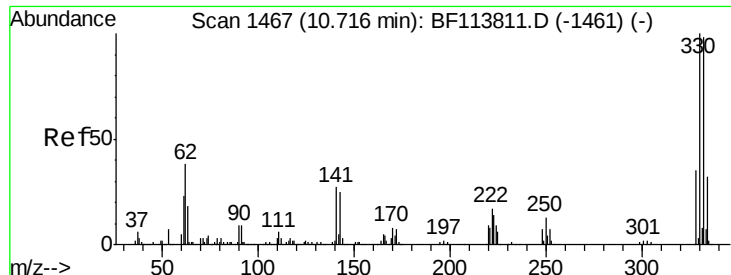
Sohil
 4/22/2019 7:26:28 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Tgt Ion: 164 Resp: 342631
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.1 121.7
 160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 116.467 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF113852.D

Acq: 19 Apr 2019 12:18

Instrument :

BNA_F

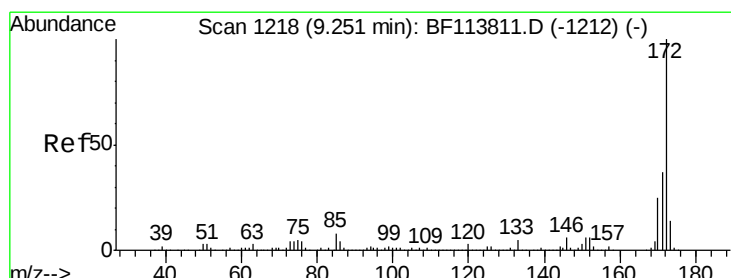
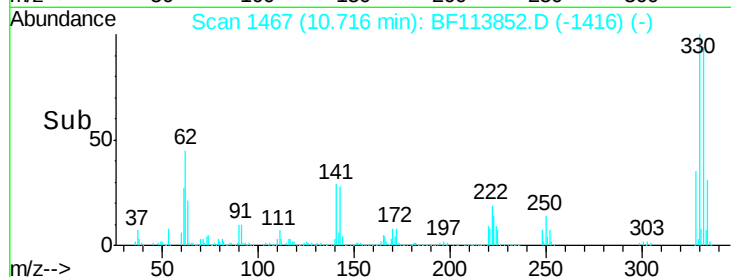
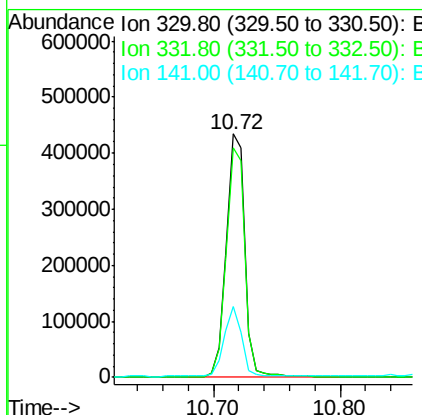
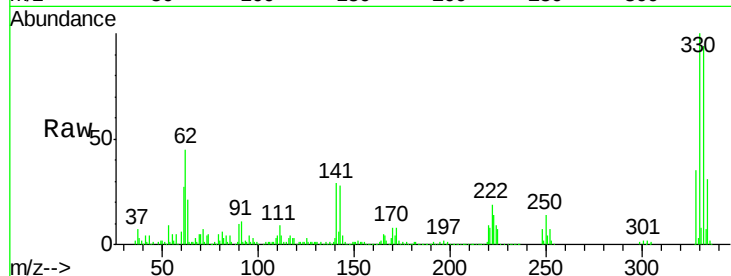
ClientSampleId :

OILY-STONES

Tgt Ion:	330	Resp:	440881
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.5	116.3
141	26.6	22.2	33.2

Manual Integrations
APPROVED

Sohil
4/22/2019 7:26:28 PM



#45

2-Fluorobiphenyl

Concen: 84.235 ng

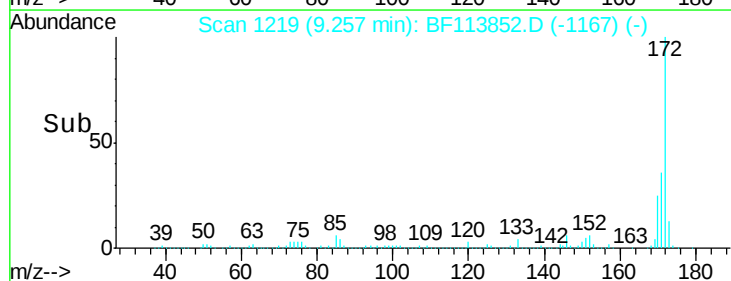
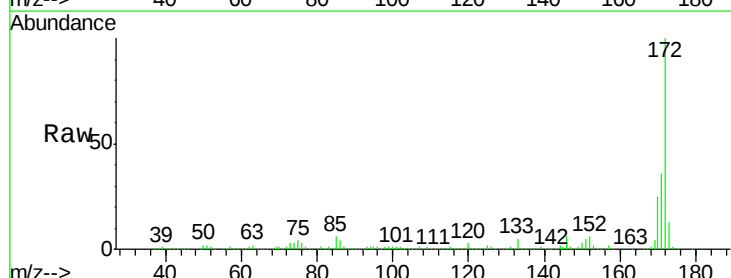
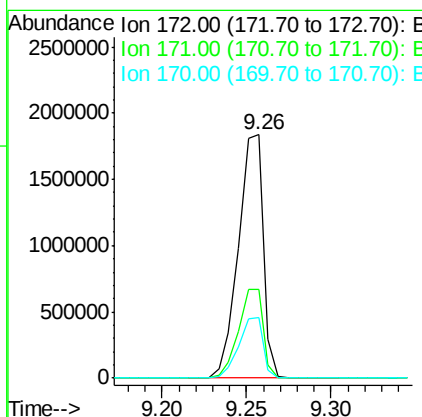
RT: 9.26 min Scan# 1219

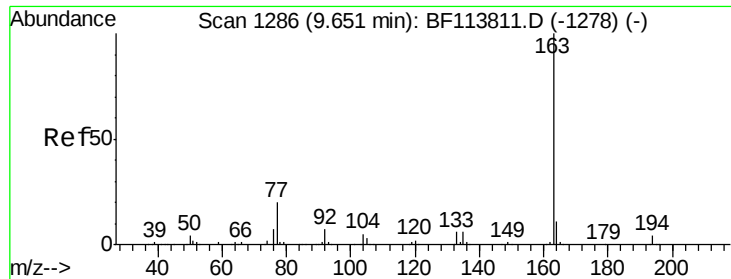
Delta R.T. 0.01 min

Lab File: BF113852.D

Acq: 19 Apr 2019 12:18

Tgt Ion:	172	Resp:	1892505
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.0
170	24.7	19.9	29.9





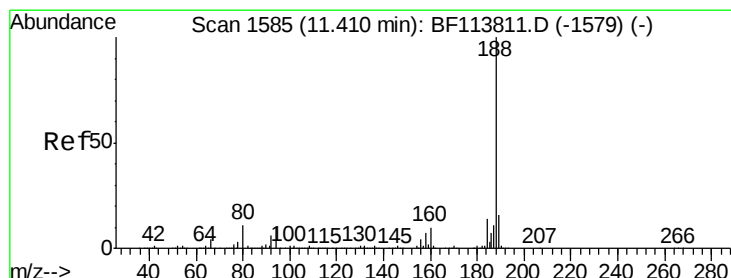
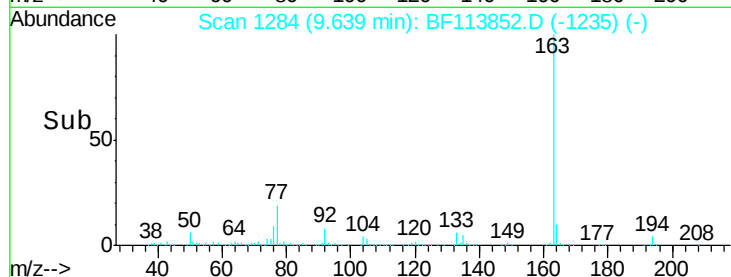
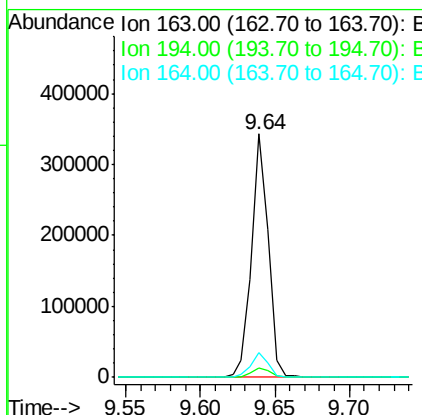
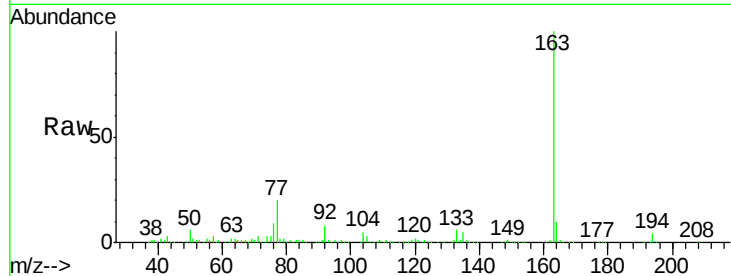
#50
Dimethylphthalate
Concen: 10.964 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	262898		
194	4.1		3.4	5.2
164	10.3		8.5	12.7

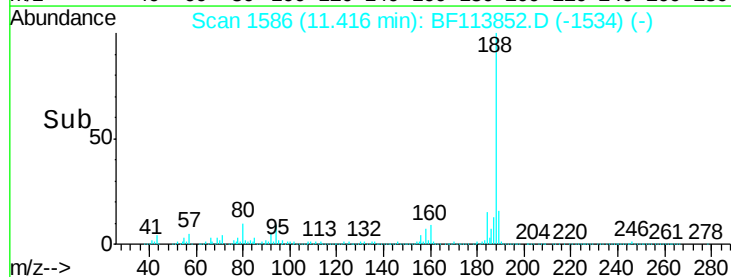
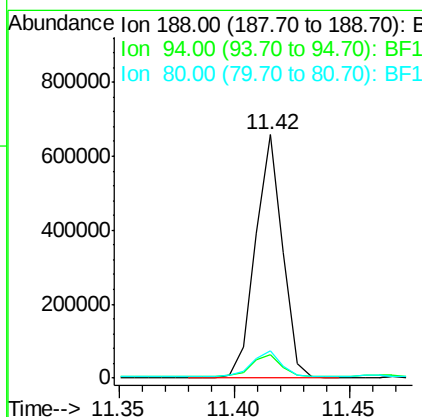
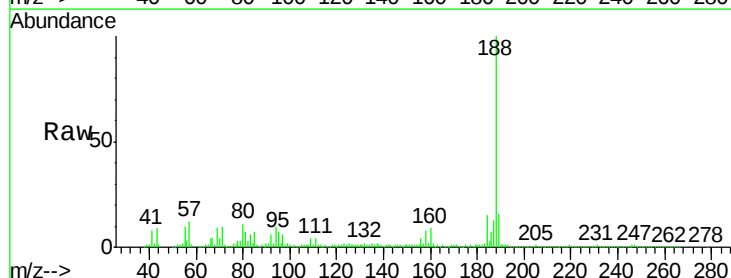
Manual Integrations
APPROVED

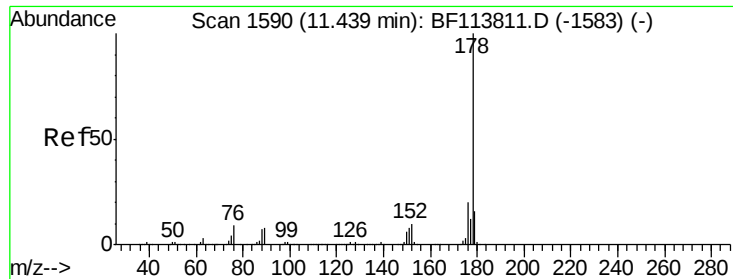
Sohil
4/22/2019 7:26:28 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	537973		
94	9.7		8.2	12.4
80	11.0		9.0	13.6





#71

Phenanthrene

Concen: 3.329 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113852.D

Acq: 19 Apr 2019 12:18

Instrument :

BNA_F

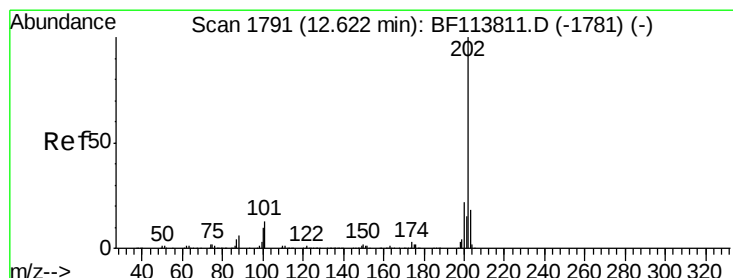
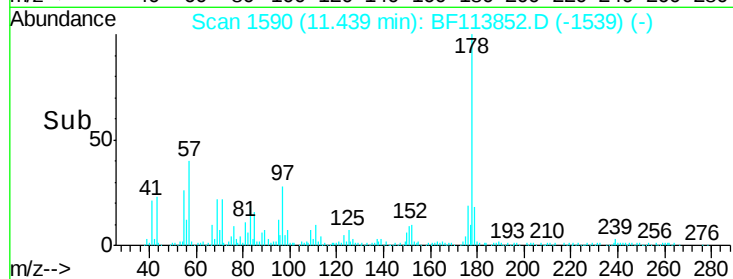
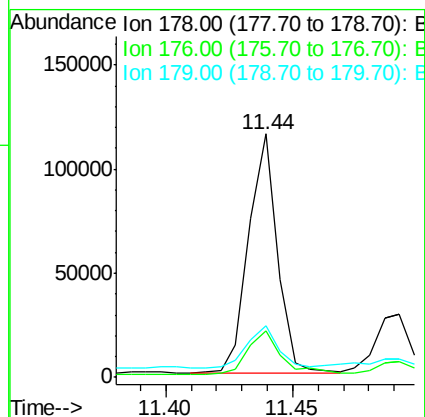
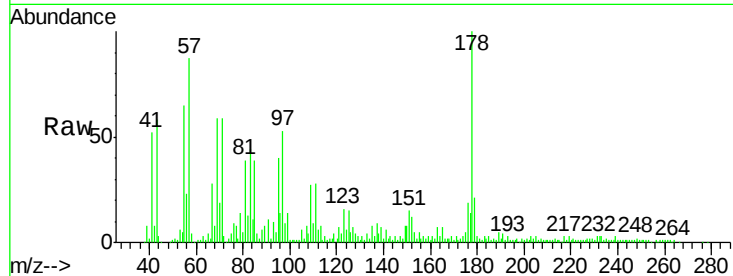
ClientSampleId :

OILY-STONES

Tgt Ion:	178	Resp:	91209
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.1	24.1
179	21.1	12.8	19.2#

Manual Integrations
APPROVED

Sohil
4/22/2019 7:26:28 PM



#75

Fluoranthene

Concen: 5.216 ng

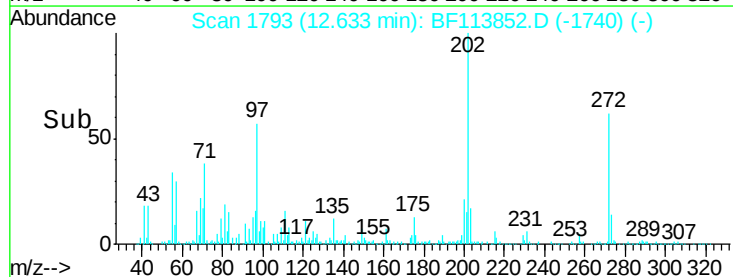
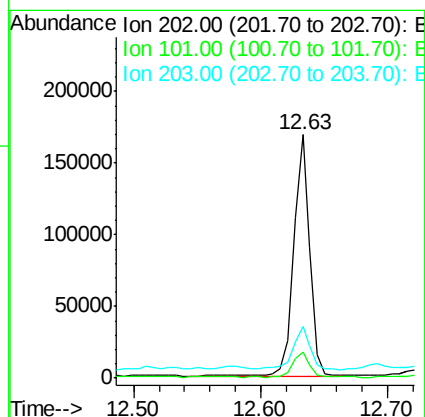
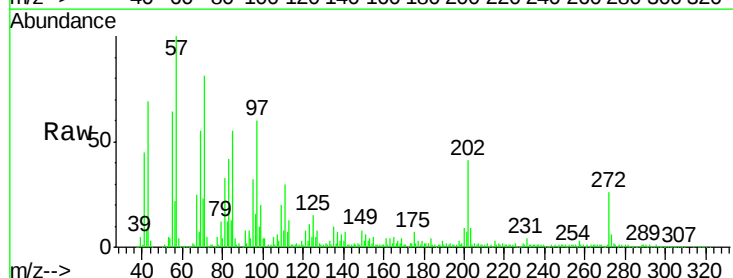
RT: 12.63 min Scan# 1793

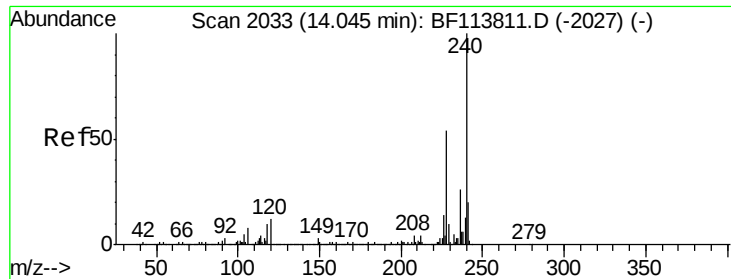
Delta R.T. 0.01 min

Lab File: BF113852.D

Acq: 19 Apr 2019 12:18

Tgt Ion:	202	Resp:	151473
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	32.9
203	21.1	0.0	38.2





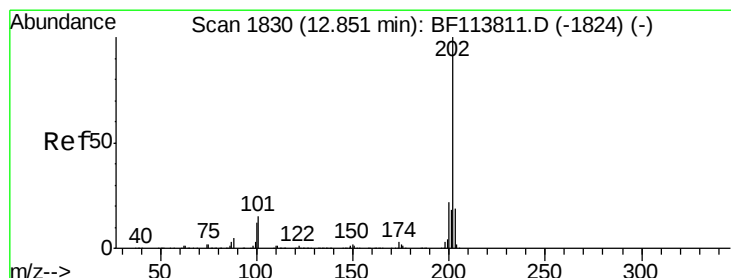
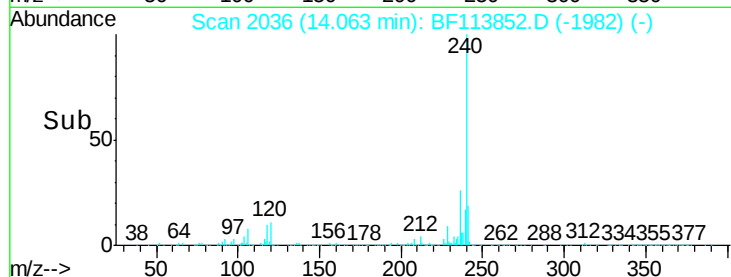
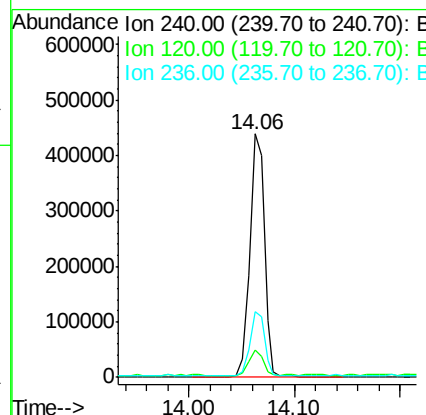
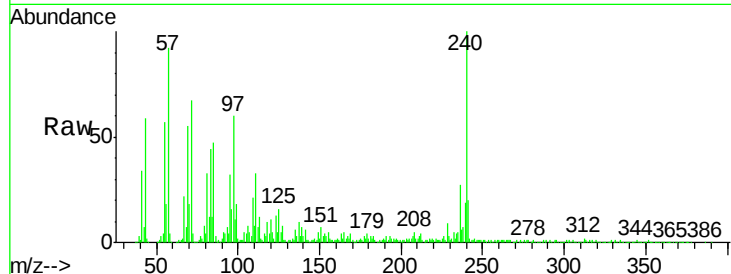
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	412999		
120	11.4	9.3	13.9	
236	26.9	21.2	31.8	

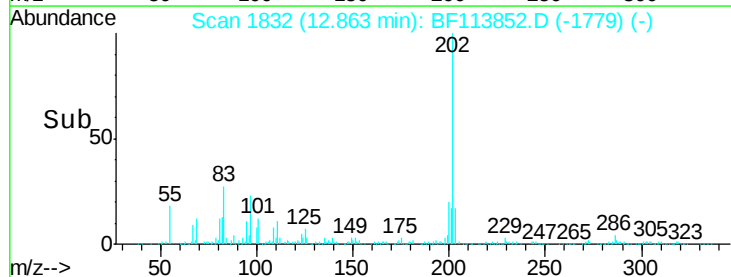
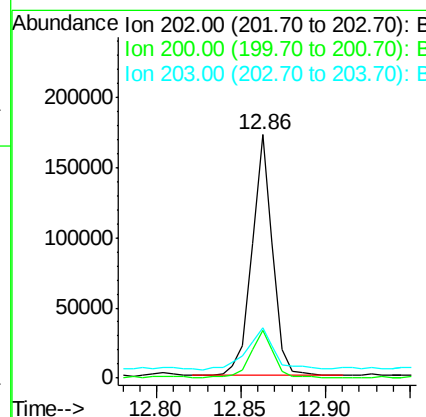
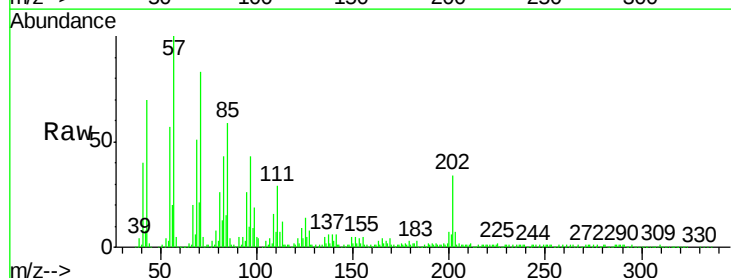
Manual Integrations
APPROVED

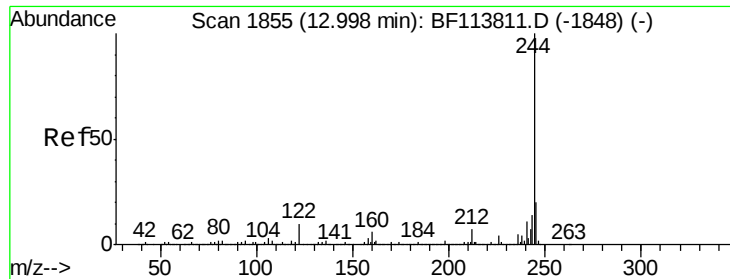
Sohil
4/22/2019 7:26:28 PM



#78
Pyrene
Concen: 5.050 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	146996		
200	19.9	17.7	26.5	
203	20.9	15.0	22.6	





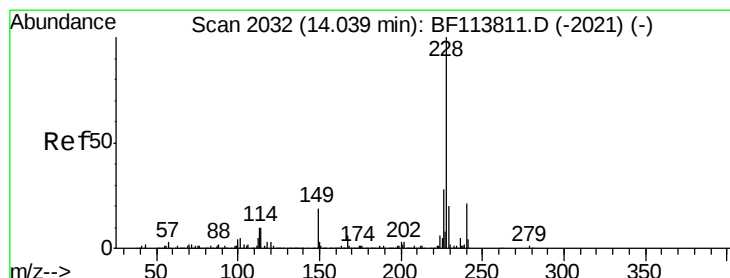
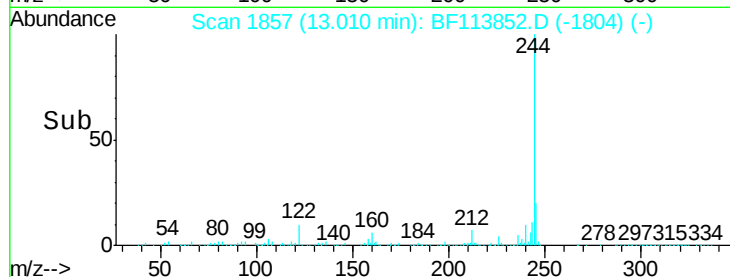
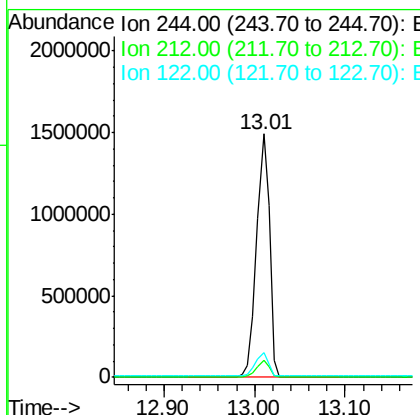
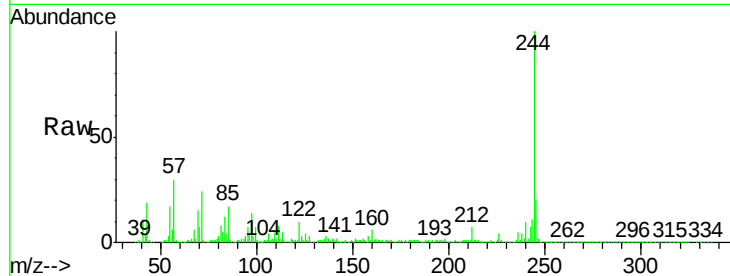
#79
 Terphenyl-d14
 Concen: 73.552 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.2	7.6	11.4

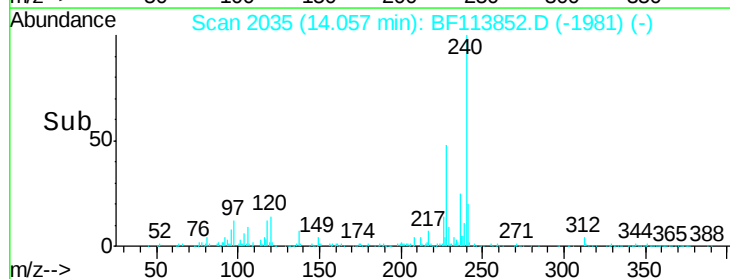
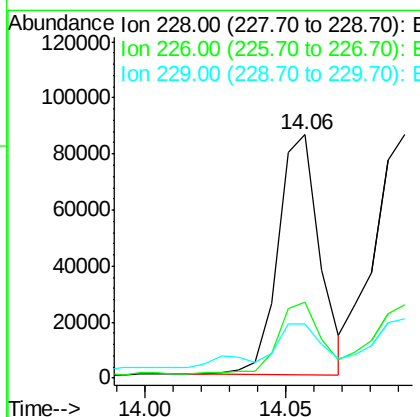
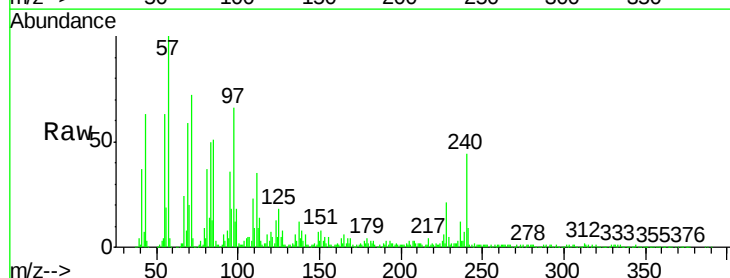
Manual Integrations
 APPROVED

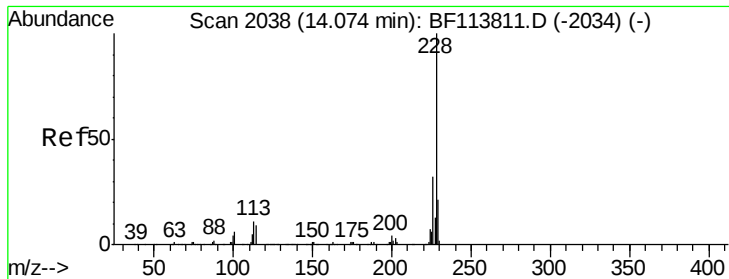
Sohil
 4/22/2019 7:26:28 PM



#81
 Benzo(a)anthracene
 Concen: 3.624 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.02 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.2	33.2
229	22.1	16.0	24.0





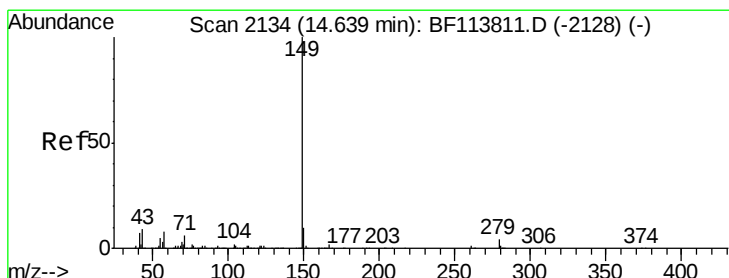
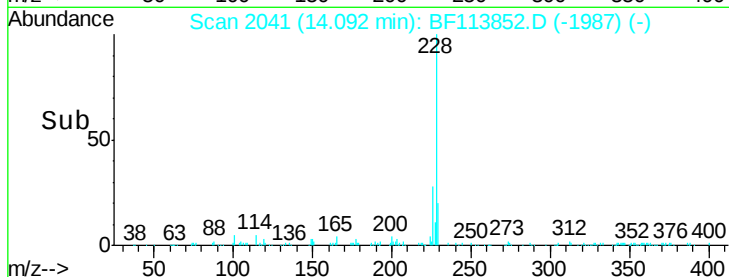
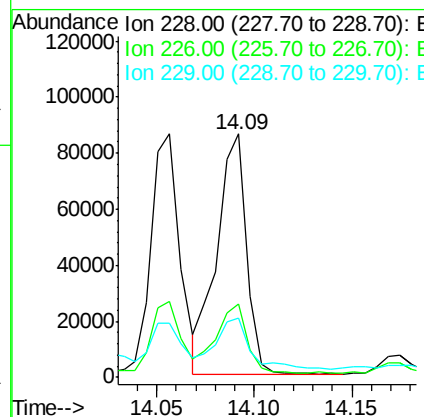
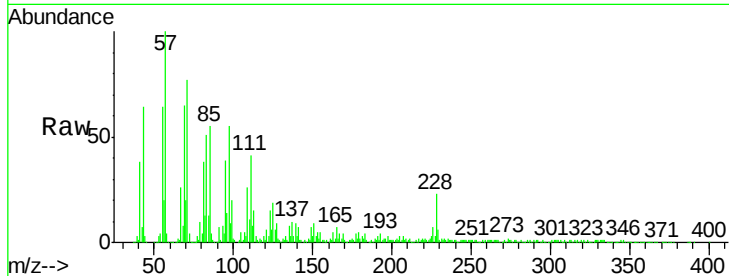
#83
Chrysene
Concen: 3.792 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.2	37.8
229	24.2	16.7	25.1

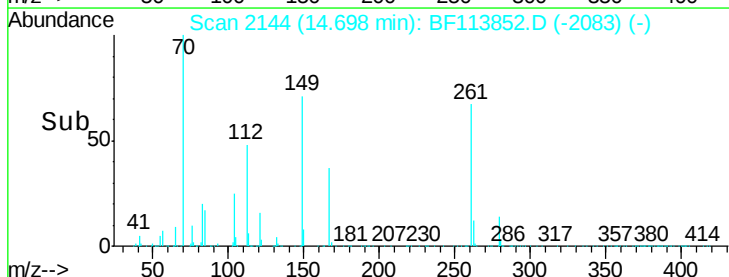
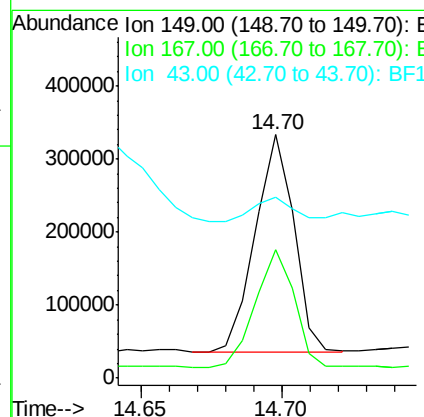
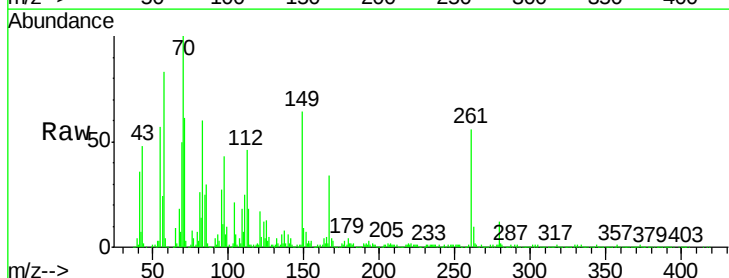
Manual Integrations
APPROVED

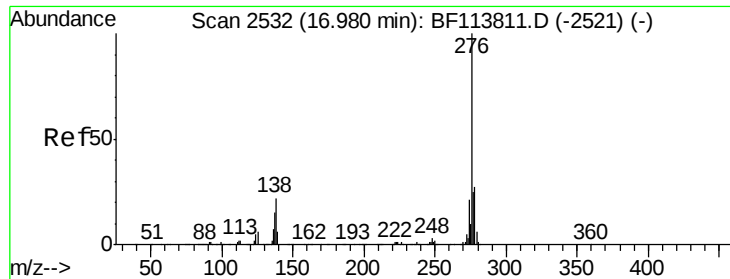
Sohil
4/22/2019 7:26:28 PM



#85
Di-n-octyl phthalate
Concen: 14.088 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.06 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	55.0	1.3	1.9#
43	12.3	6.6	10.0#





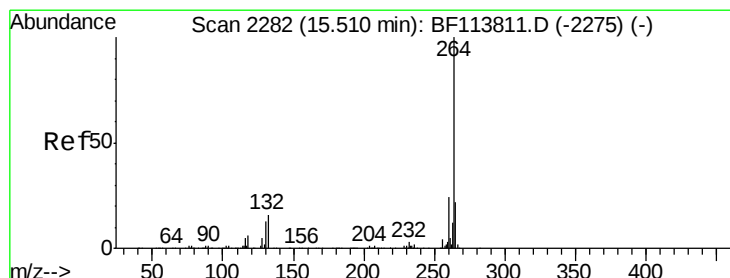
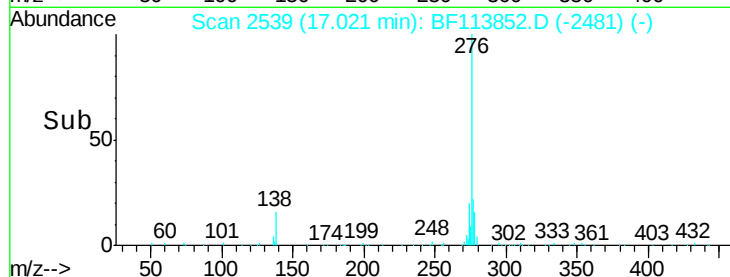
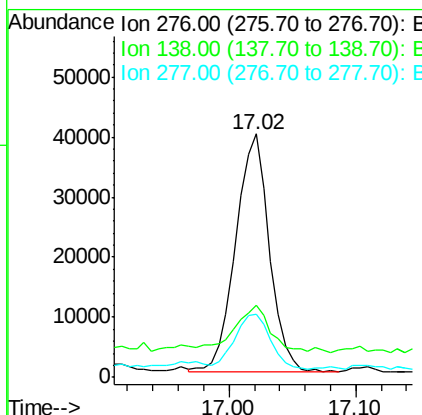
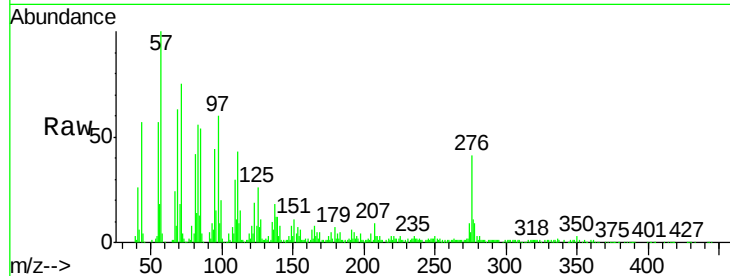
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.694 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.04 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.6	29.4
277	25.0	20.2	30.4

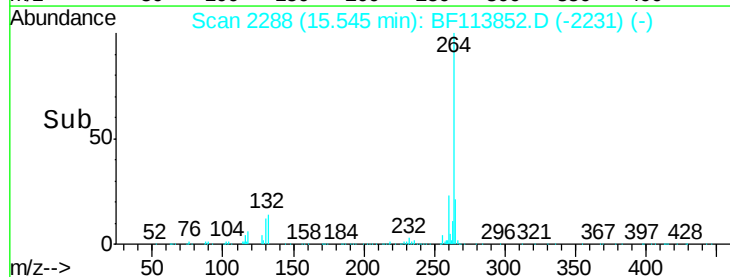
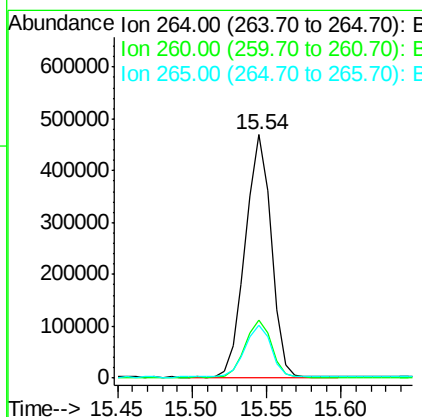
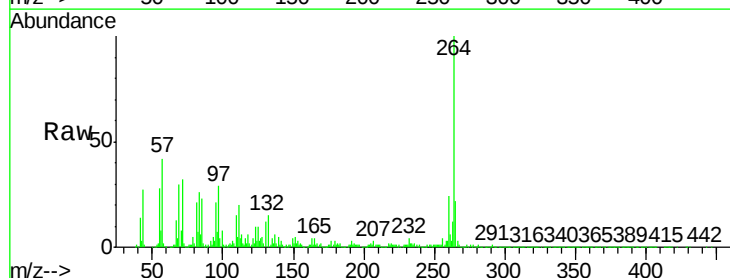
Manual Integrations
 APPROVED

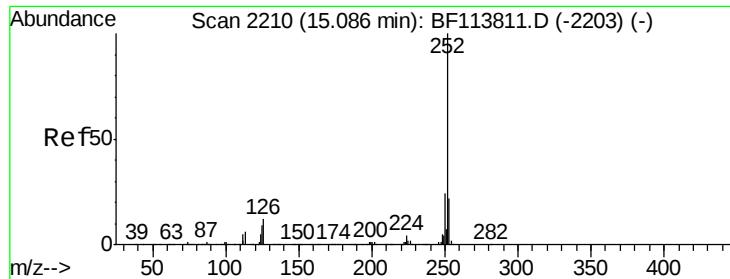
Sohil
 4/22/2019 7:26:28 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.04 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.7	17.3	25.9





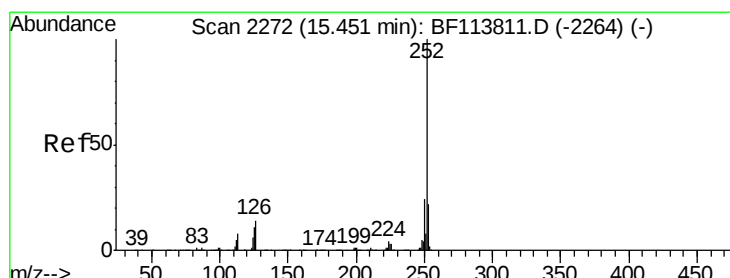
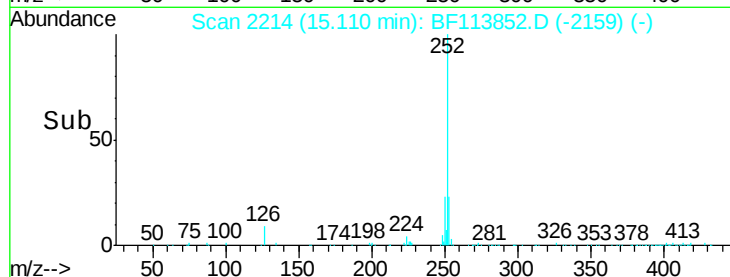
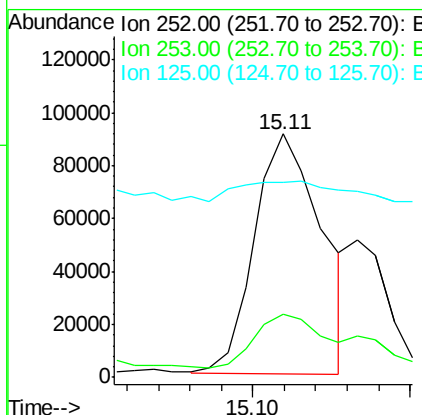
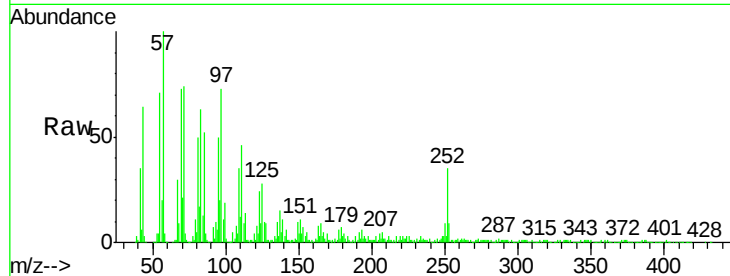
#88
Benzo(b)fluoranthene
Concen: 3.880 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.6
125	80.1	7.0	10.6#

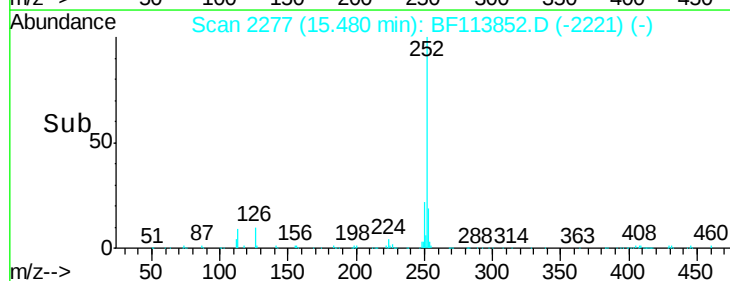
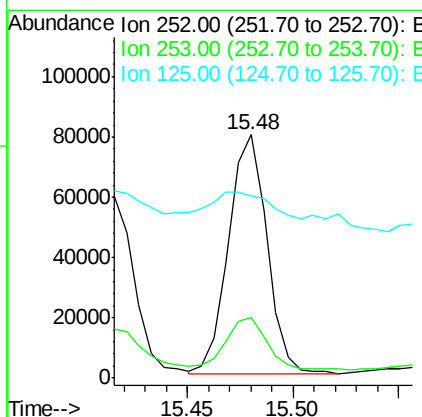
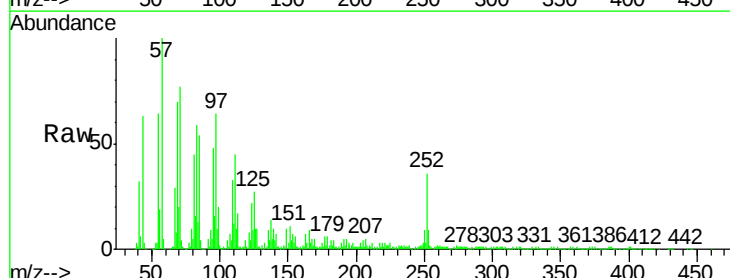
Manual Integrations
APPROVED

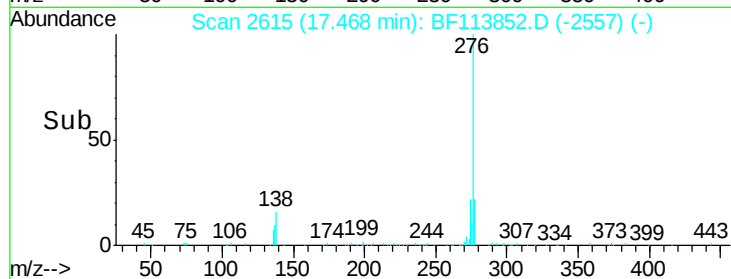
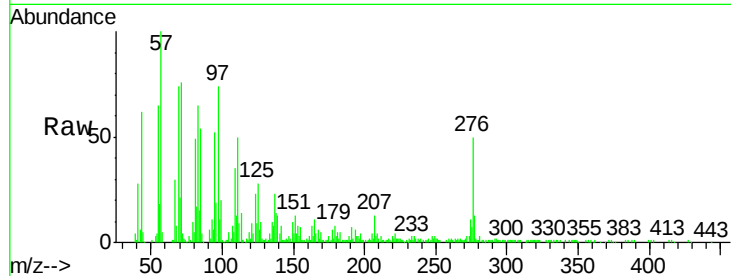
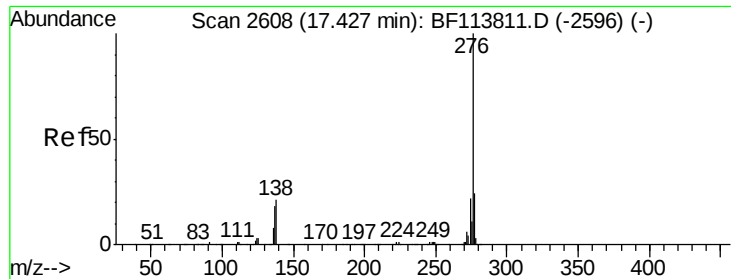
Sohil
4/22/2019 7:26:28 PM



#90
Benzo(a)pyrene
Concen: 3.208 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.03 min
Lab File: BF113852.D
Acq: 19 Apr 2019 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	74.6	8.5	12.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.411 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. 0.04 min
 Lab File: BF113852.D
 Acq: 19 Apr 2019 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.0	28.4
138	27.5	16.6	25.0

Manual Integrations
 APPROVED

Sohil
 4/22/2019 7:26:28 PM

