

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113897.D
 Acq On : 23 Apr 2019 00:02
 Operator : JU/SJ
 Sample : K2202-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Manual Integrations
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Quant Time: Apr 23 05:58:22 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	194490	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	658756	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	312243	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	646741	20.00	ng	0.00
76) Chrysene-d12	14.06	240	642259	20.00	ng	-0.01
87) Perylene-d12	15.54	264	532731	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	590188	51.90	ng	0.00
7) Phenol-d6	6.52	99	729372	51.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	407779	38.22	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	216542	56.93	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	745984	37.37	ng	0.00
79) Terphenyl-d14	13.00	244	991852	31.66	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	124436	5.510	ng	Qvalue 100
71) Phenanthrene	11.44	178	137100	4.218	ng	98
75) Fluoranthene	12.63	202	337423	9.515	ng	98
78) Pyrene	12.86	202	330975	7.369	ng	98
81) Benzo(a)anthracene	14.04	228	180279	4.764	ng	95
83) Chrysene	14.08	228	158230	4.294	ng	97
86) Indeno(1,2,3-cd)pyrene	17.02	276	69860m	2.001	ng	
88) Benzo(b)fluoranthene	15.10	252	202667m	6.013	ng	
90) Benzo(a)pyrene	15.47	252	127739	4.382	ng	# 94
92) Benzo(g,h,i)perylene	17.47	276	67679	2.451	ng	94

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

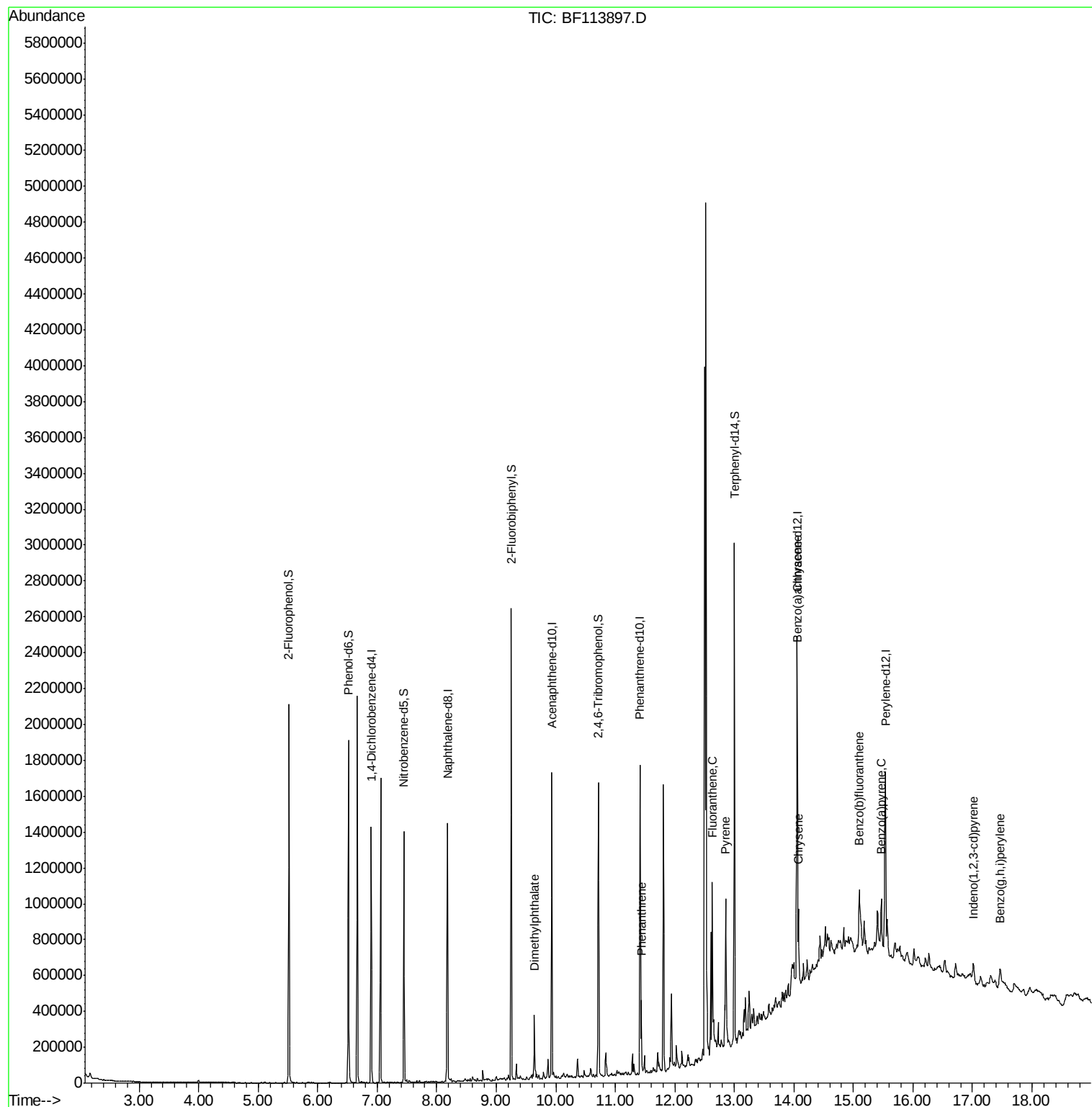
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113897.D
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Operator : JU/SJ
Sample : K2202-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

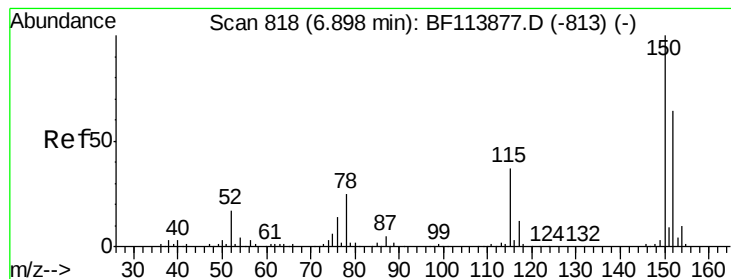
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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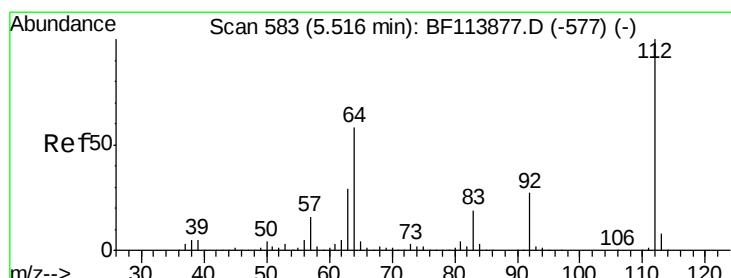
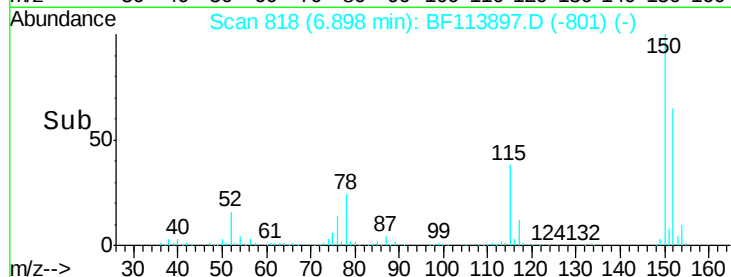
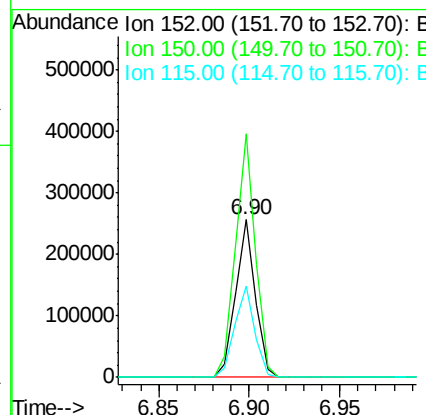
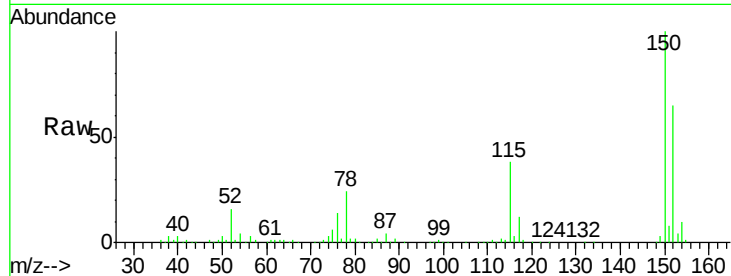
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Instrument :
 BNA_F
 ClientSampled :
 SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	194490		
150	154.4	125.9	188.9	
115	58.0	45.9	68.9	

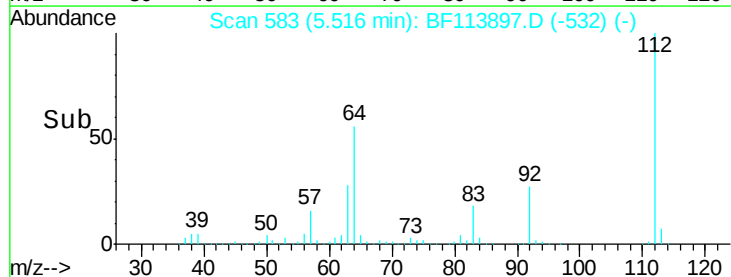
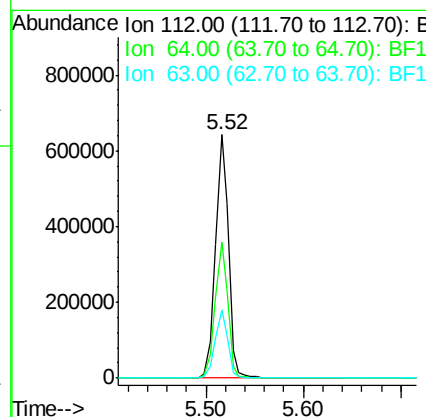
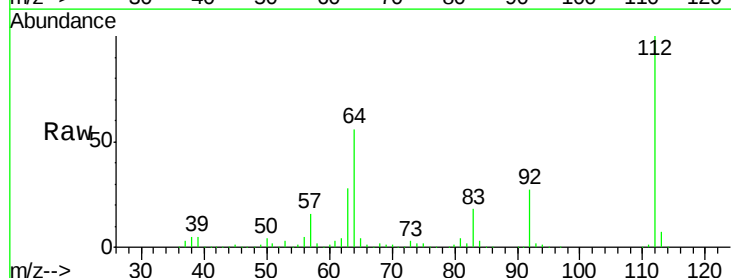
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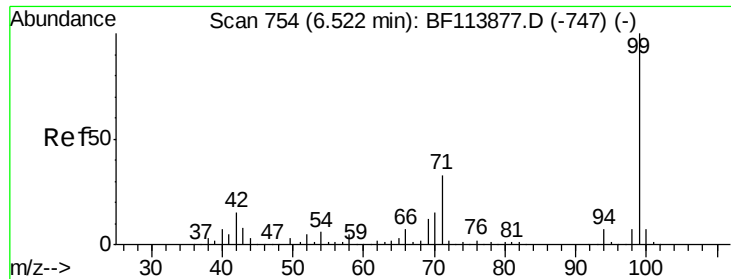
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#5
 2-Fluorophenol
 Concen: 51.901 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	590188		
64	56.0	46.6	69.8	
63	28.0	23.1	34.7	





#7

Phenol-d6

Concen: 51.124 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Instrument :

BNA_F

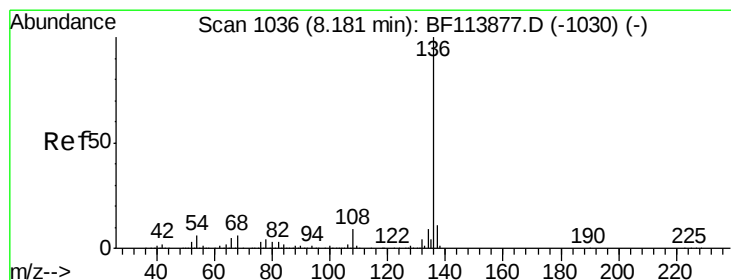
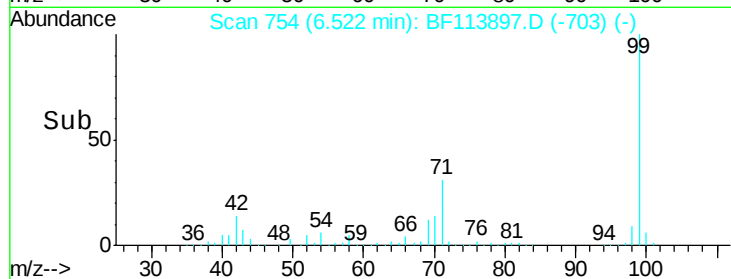
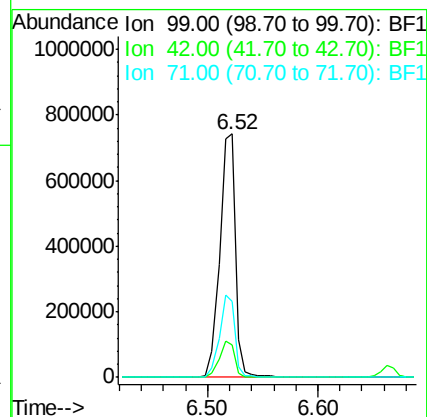
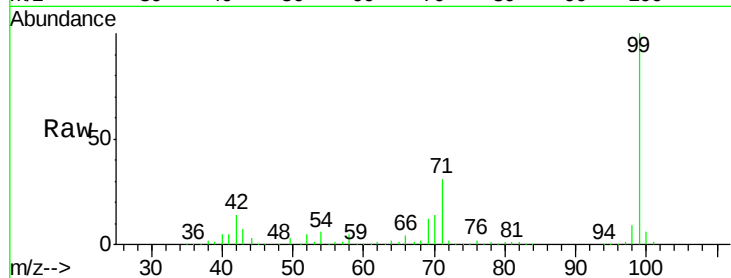
ClientSampleId :

SA-06-041819-A

Tgt Ion:	99	Resp:	729372
Ion Ratio	Lower	Upper	
99	100		
42	13.6	12.5	18.7
71	31.3	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

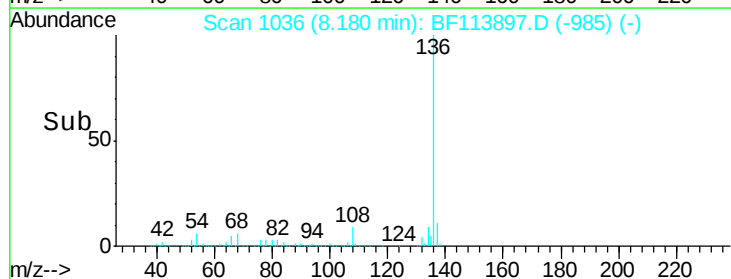
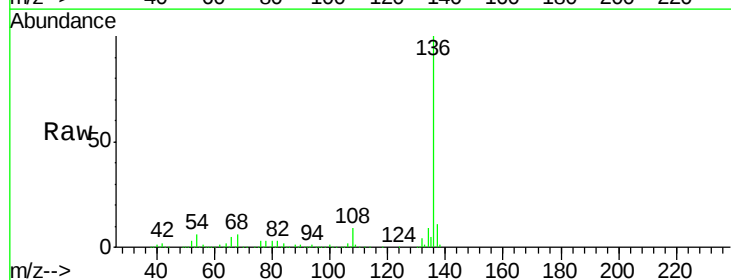
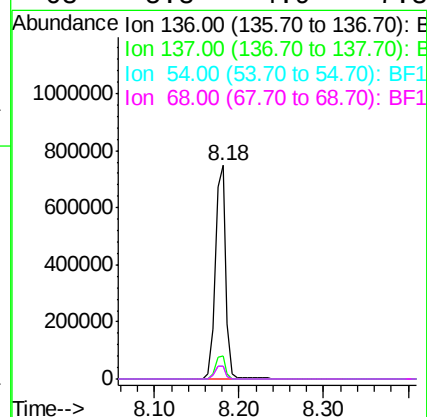
RT: 8.18 min Scan# 1036

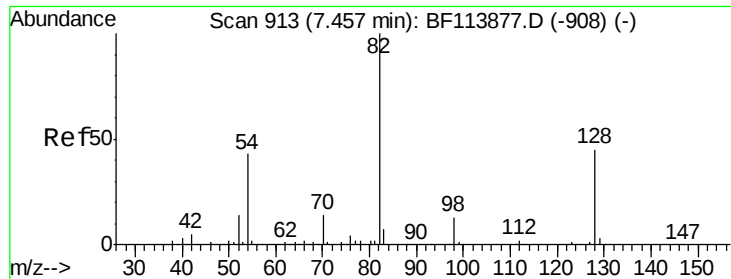
Delta R.T. -0.00 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Tgt Ion:	136	Resp:	658756
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	5.8	5.0	7.6
68	5.8	4.9	7.3





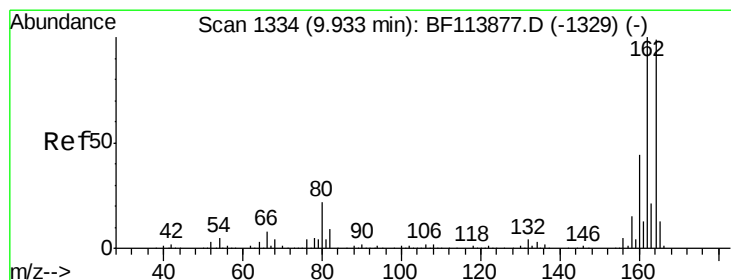
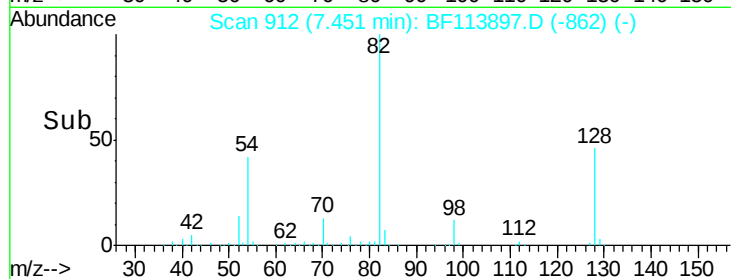
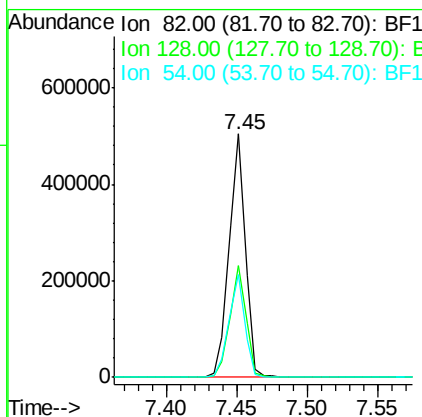
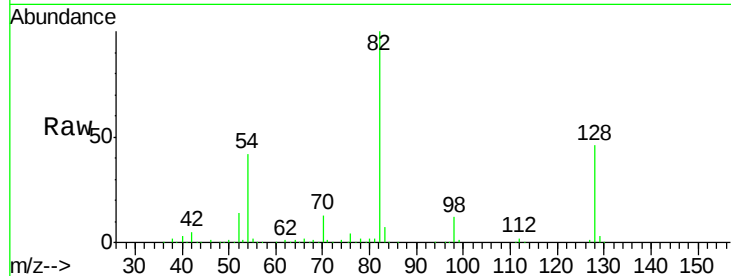
#23
 Nitrobenzene-d5
 Concen: 38.220 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	407779		
128	45.9	36.8	55.2	
54	42.2	33.8	50.6	

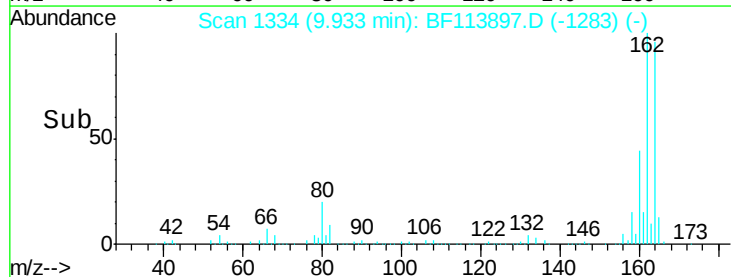
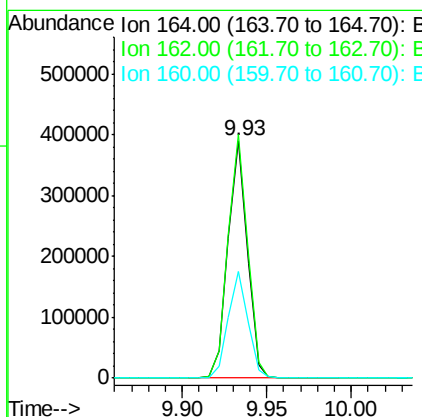
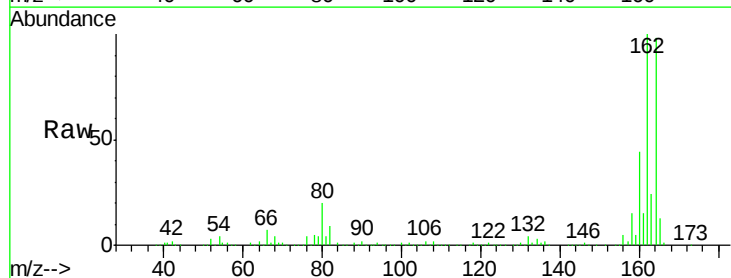
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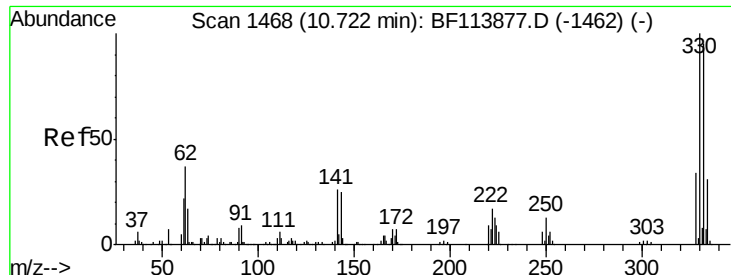
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	312243		
162	102.5	81.1	121.7	
160	45.1	35.8	53.6	





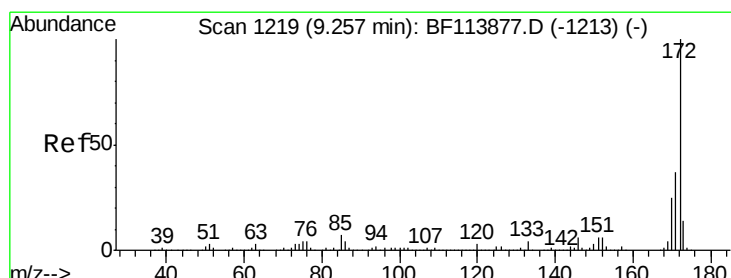
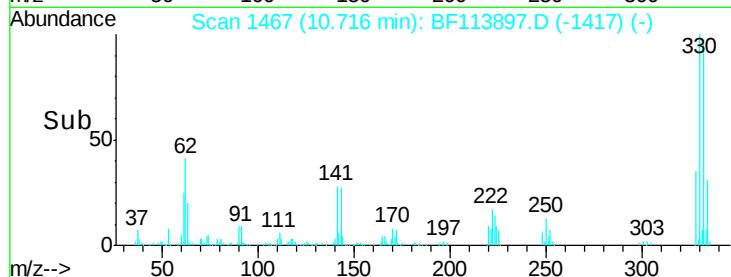
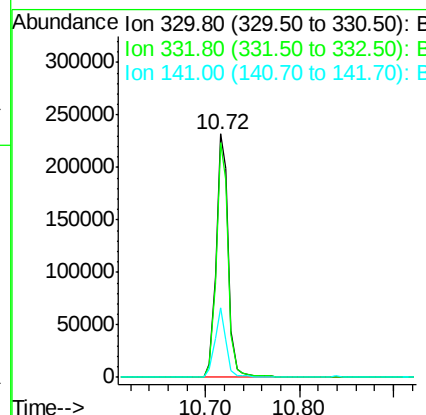
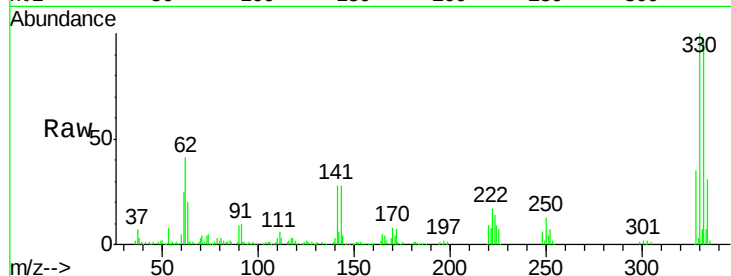
#42
 2,4,6-Tribromophenol
 Concen: 56.928 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216542		
332	94.7	77.5	116.3	
141	27.1	22.2	33.2	

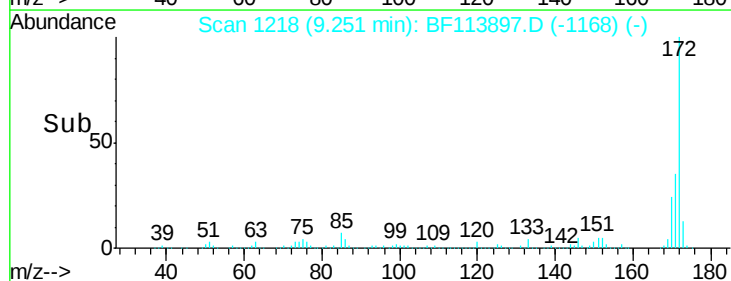
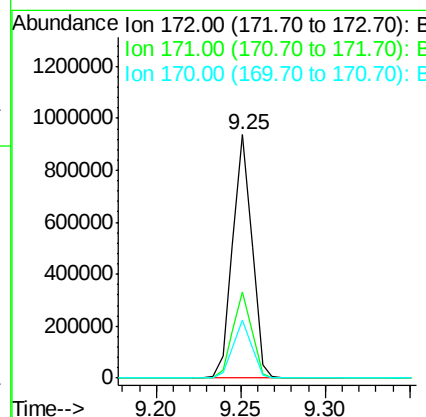
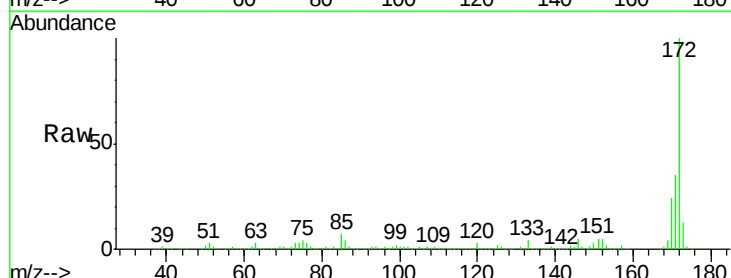
Manual Integrations
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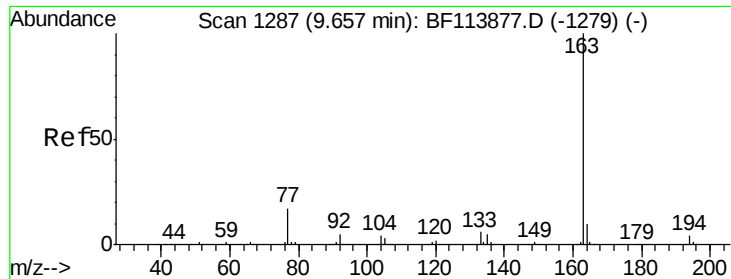
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#45
 2-Fluorobiphenyl
 Concen: 37.366 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	745984		
171	35.3	29.4	44.0	
170	23.7	19.9	29.9	





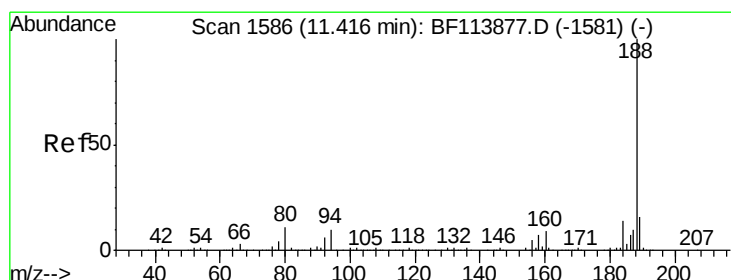
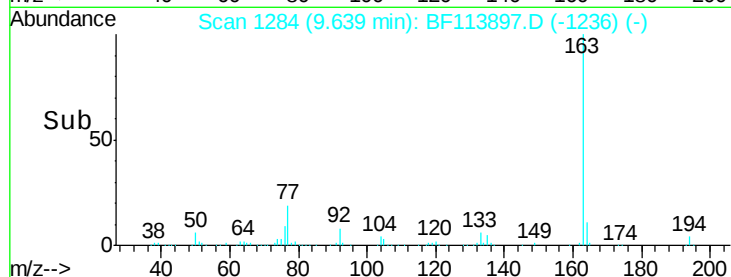
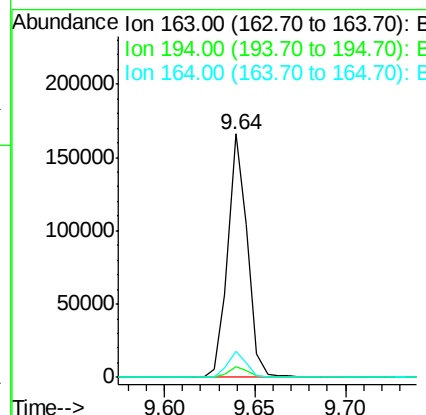
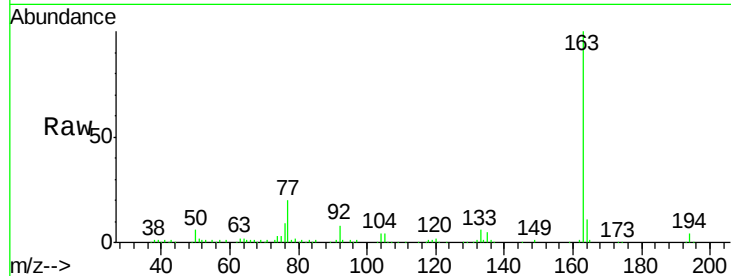
#50
Dimethylphthalate
Concen: 5.510 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113897.D
Acq: 23 Apr 2019 00:02

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	124436		
194	4.2		3.4	5.2
164	10.5		8.5	12.7

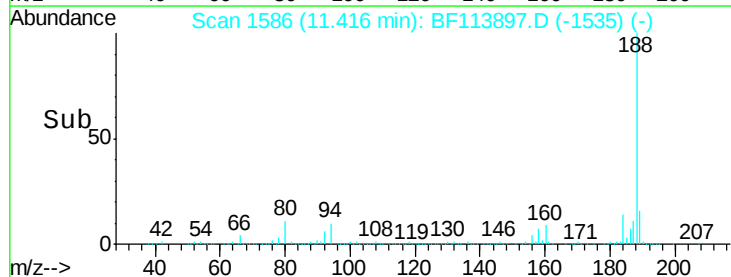
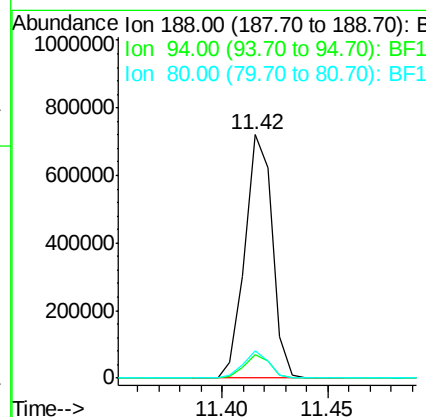
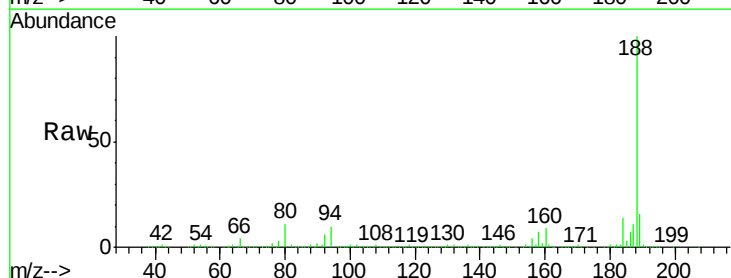
Manual Integrations
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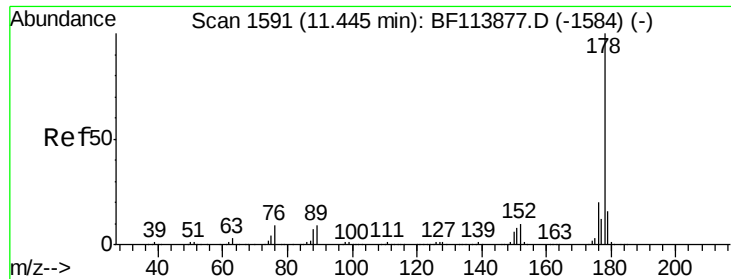
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113897.D
Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	646741		
94	9.8		8.2	12.4
80	11.0		9.0	13.6





#71

Phenanthrene

Concen: 4.218 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Instrument :

BNA_F

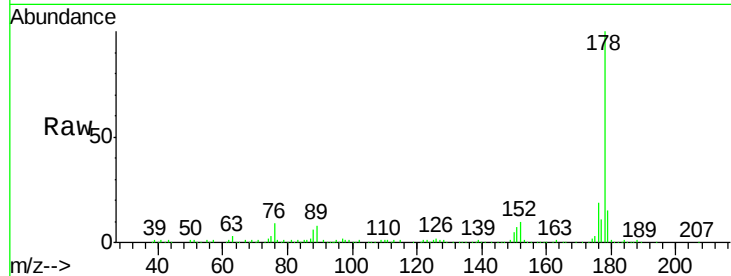
ClientSampleId :

SA-06-041819-A

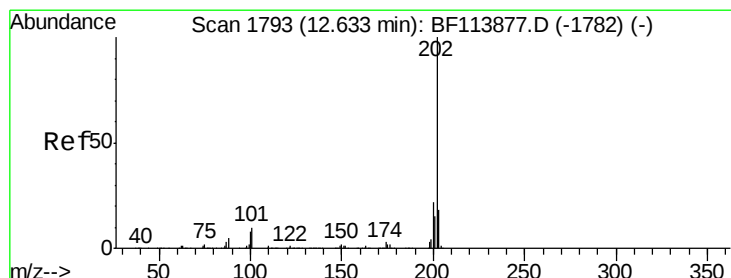
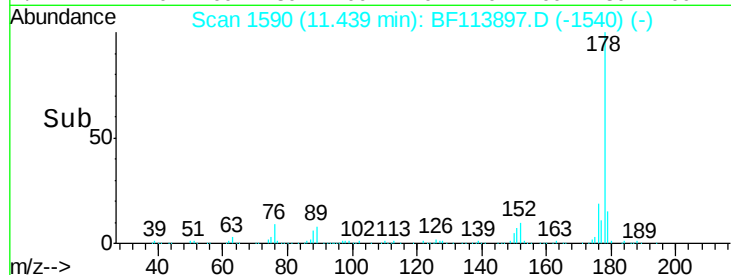
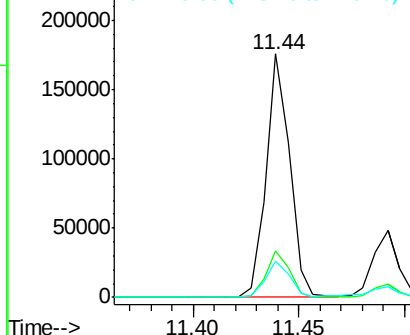
Tgt Ion:	178	Resp:	137100
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.1	24.1
179	15.0	12.8	19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 9.515 ng

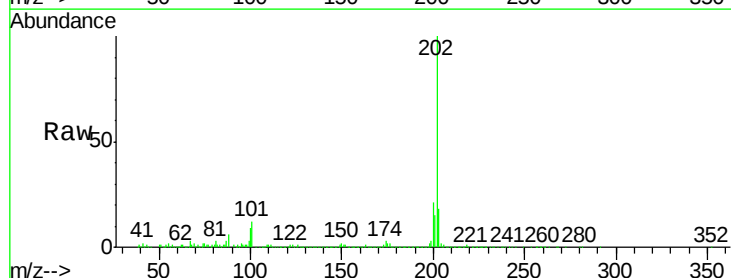
RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

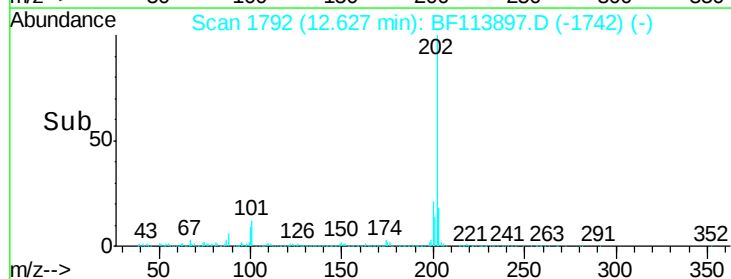
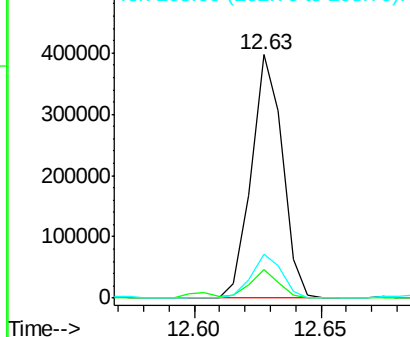
Lab File: BF113897.D

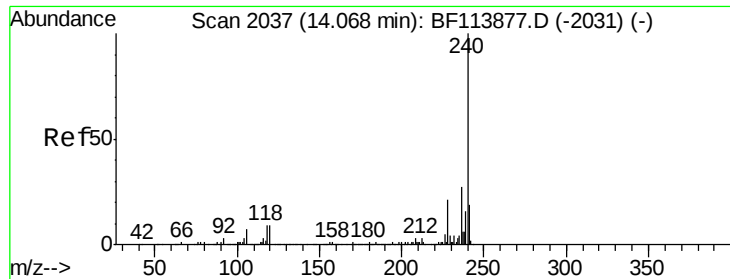
Acq: 23 Apr 2019 00:02

Tgt Ion:	202	Resp:	337423
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.9
203	17.8	0.0	38.2



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





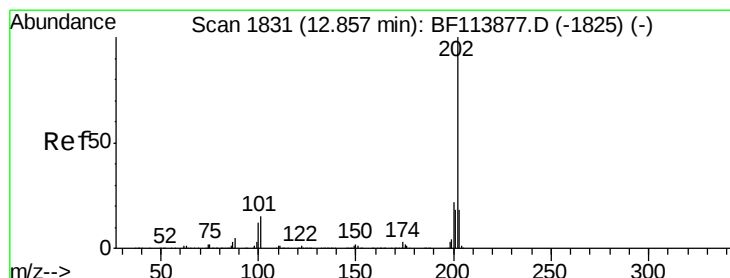
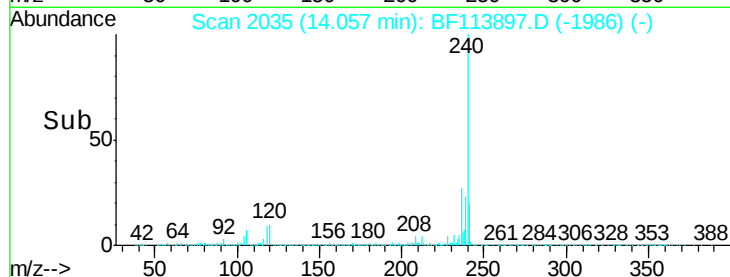
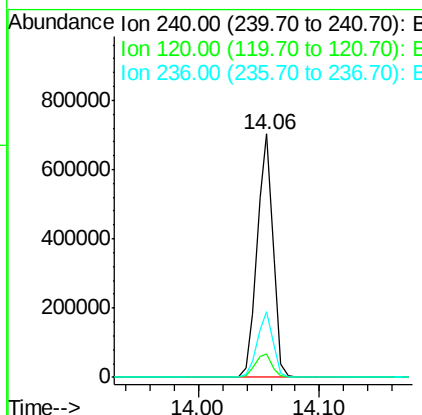
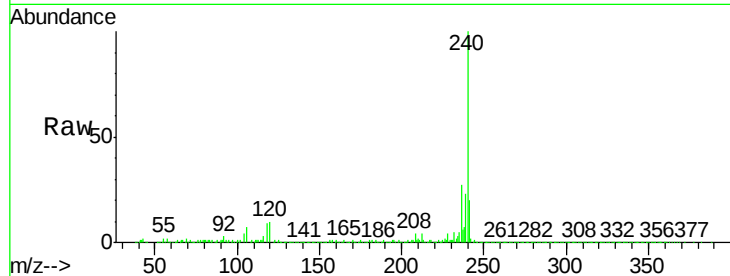
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113897.D
Acq: 23 Apr 2019 00:02

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	642259		
120	9.7		9.3	13.9
236	27.0		21.2	31.8

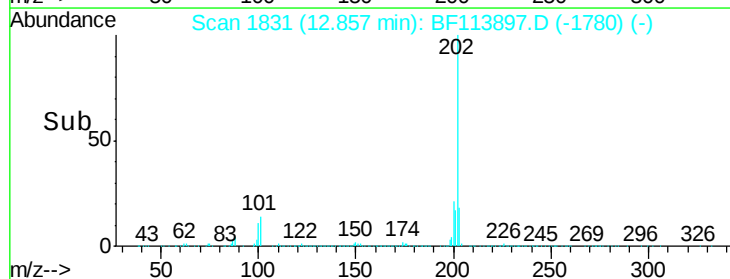
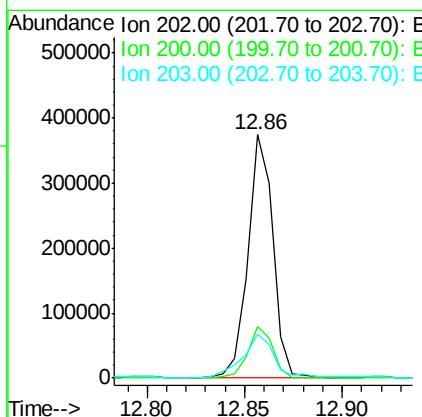
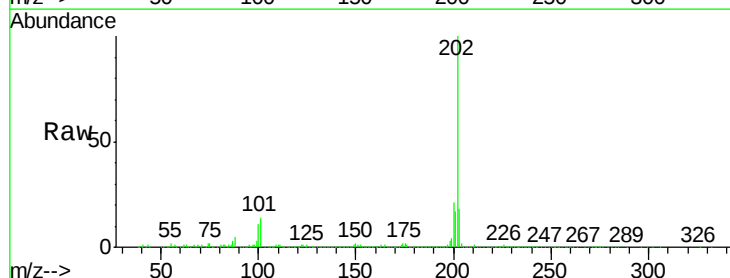
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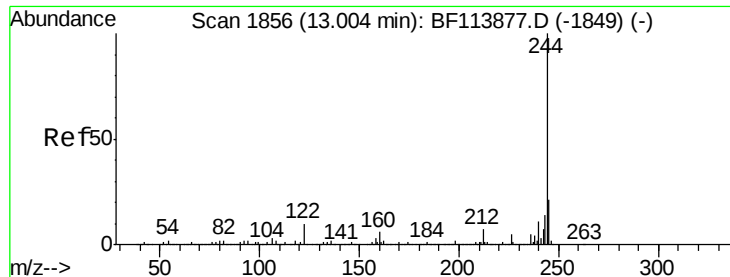
Sohil
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#78
Pyrene
Concen: 7.369 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF113897.D
Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	330975		
200	21.0		17.7	26.5
203	17.9		15.0	22.6





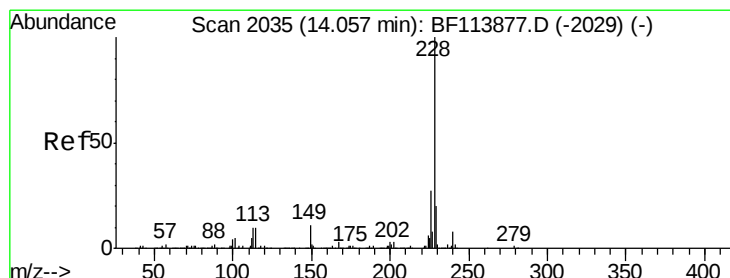
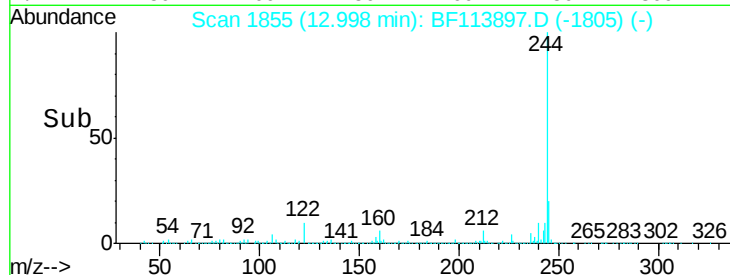
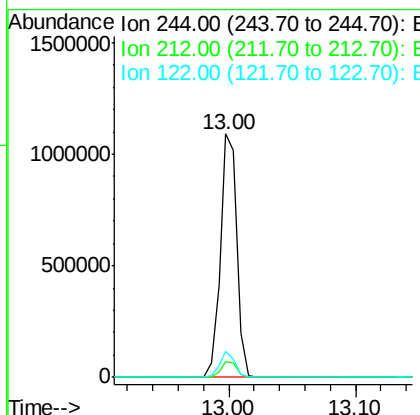
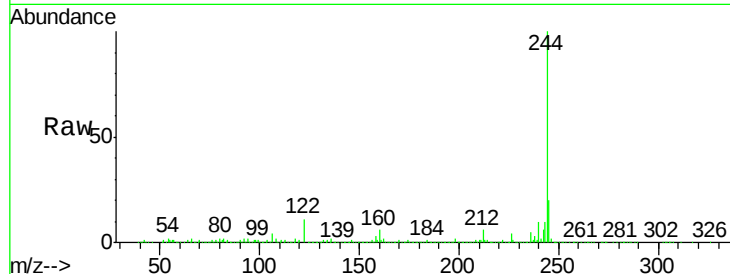
#79
 Terphenyl-d14
 Concen: 31.661 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.4	8.2
122	10.5	7.6	11.4

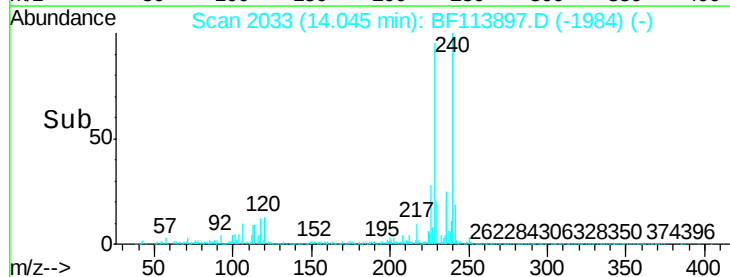
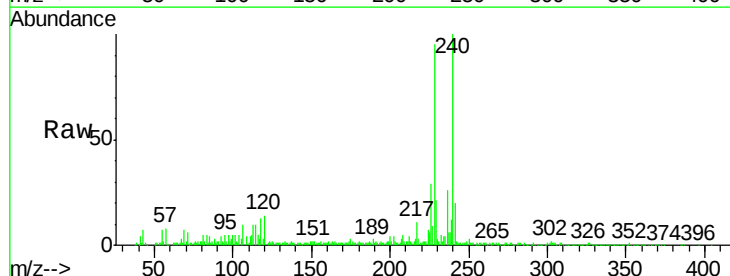
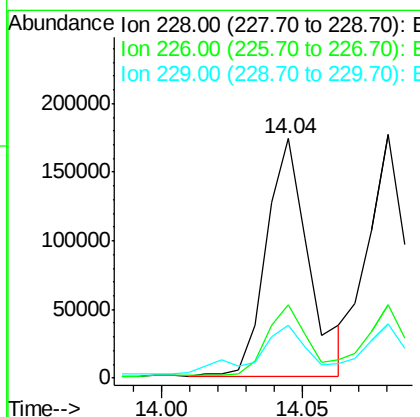
Manual Integrations
 APPROVED

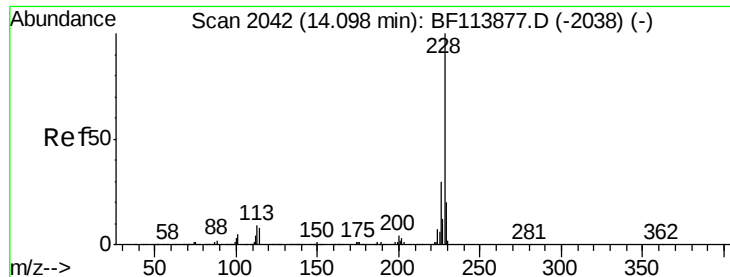
Sohil
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#81
 Benzo(a)anthracene
 Concen: 4.764 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF113897.D
 Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	22.2	33.2
229	22.2	16.0	24.0





#83

Chrysene

Concen: 4.294 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Instrument :

BNA_F

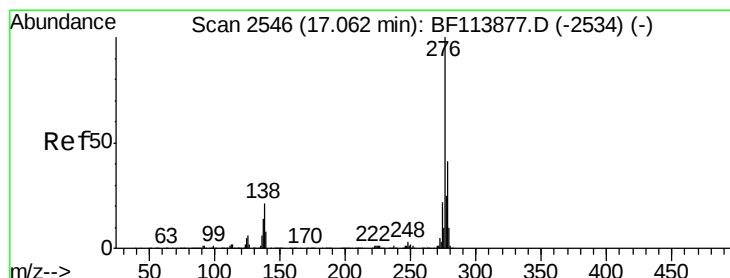
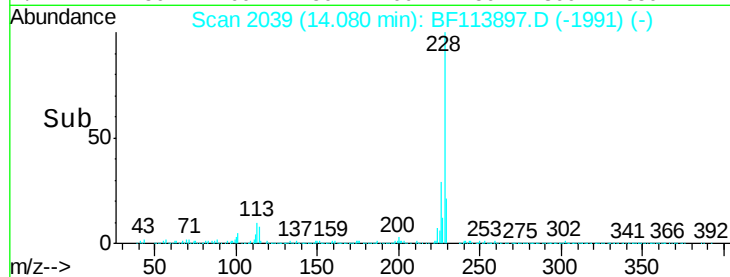
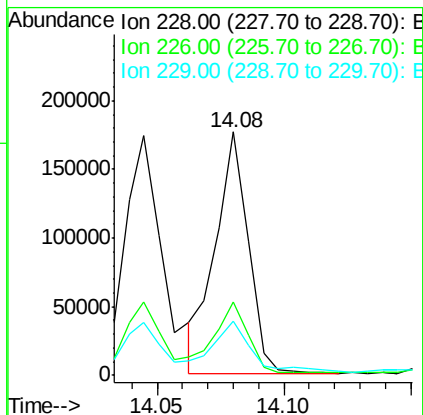
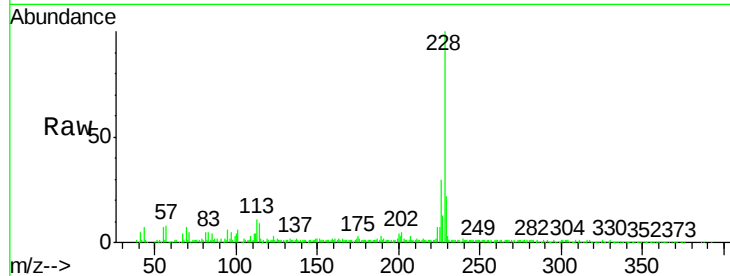
ClientSampleId :

SA-06-041819-A

Tgt Ion:	228	Resp:	158230
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.2	37.8
229	22.5	16.7	25.1

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.001 ng m

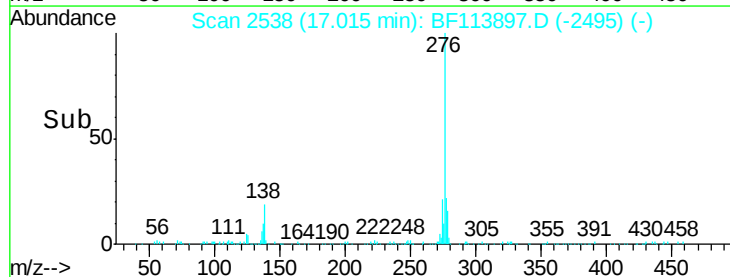
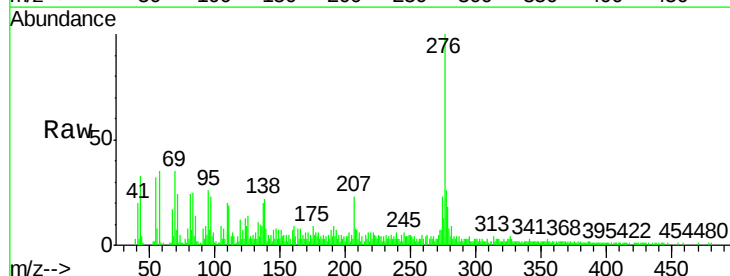
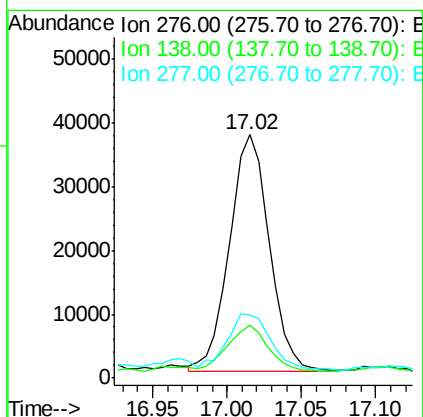
RT: 17.02 min Scan# 2538

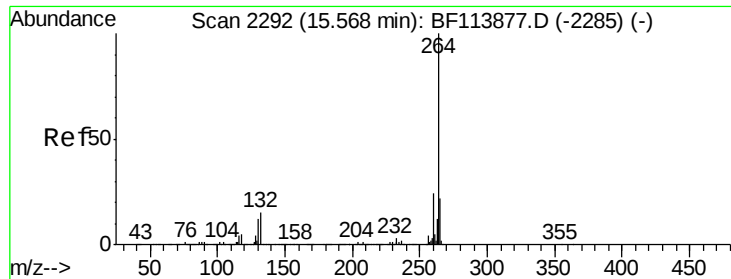
Delta R.T. -0.05 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Tgt Ion:	276	Resp:	69860
Ion Ratio	Lower	Upper	
276	100		
138	5.3	19.6	29.4#
277	4.4	20.2	30.4#





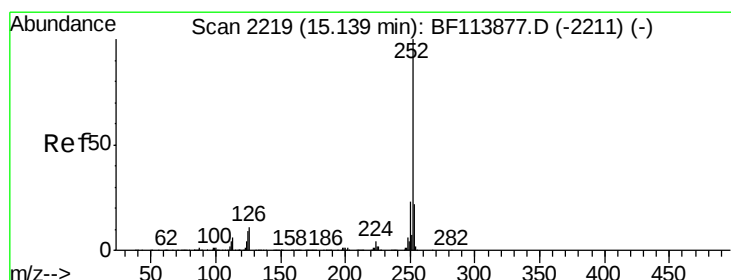
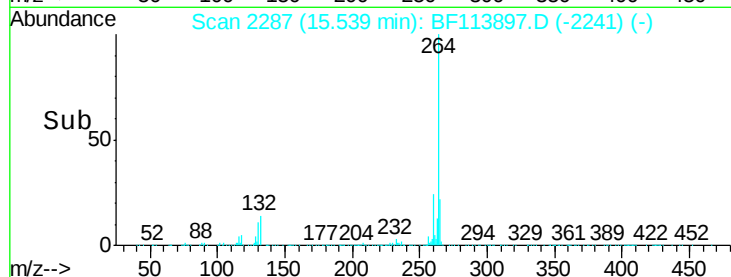
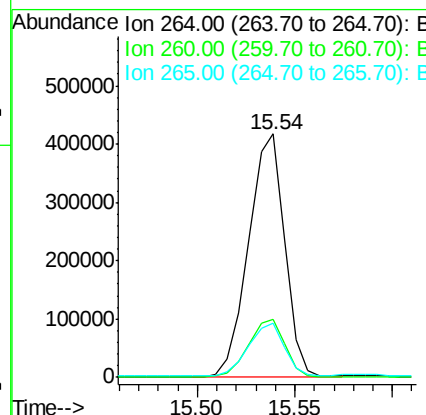
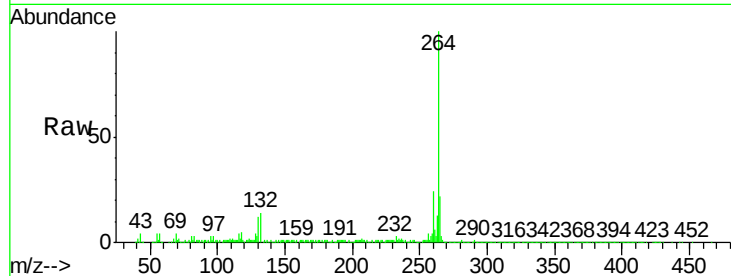
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF113897.D
Acq: 23 Apr 2019 00:02

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.1	17.3	25.9

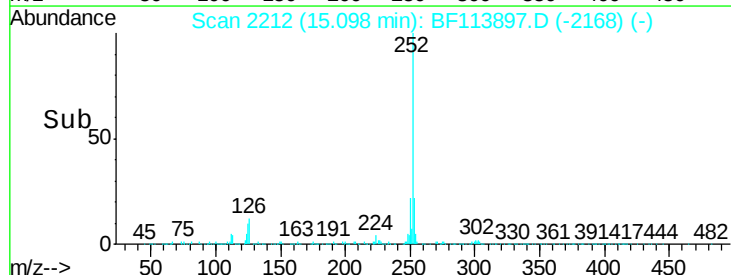
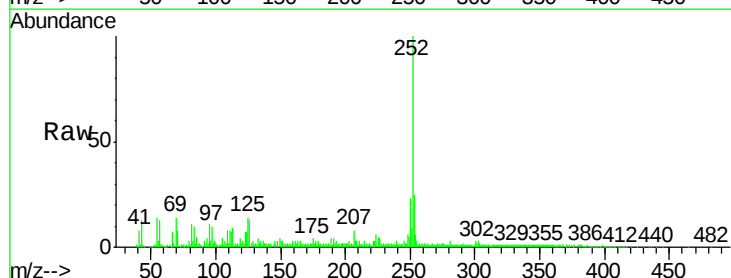
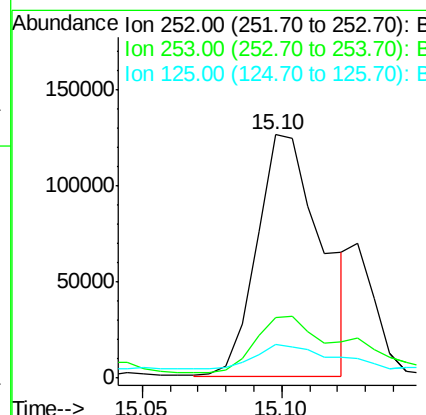
Manual Integrations
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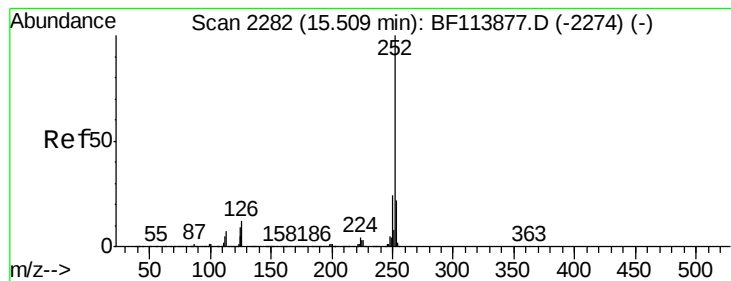
Sohil
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#88
Benzo(b)fluoranthene
Concen: 6.013 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF113897.D
Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	14.1	7.0	10.6





#90

Benzo(a)pyrene

Concen: 4.382 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Instrument :

BNA_F

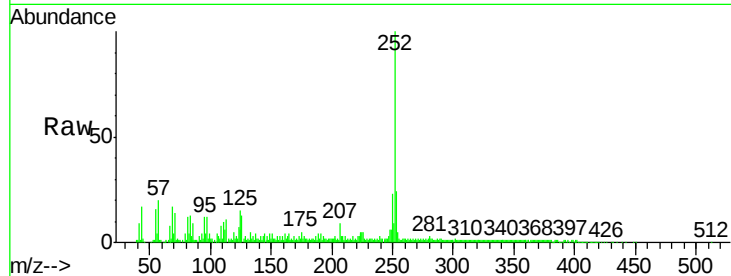
ClientSampleId :

SA-06-041819-A

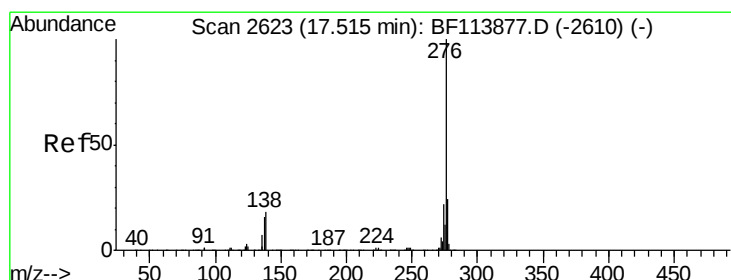
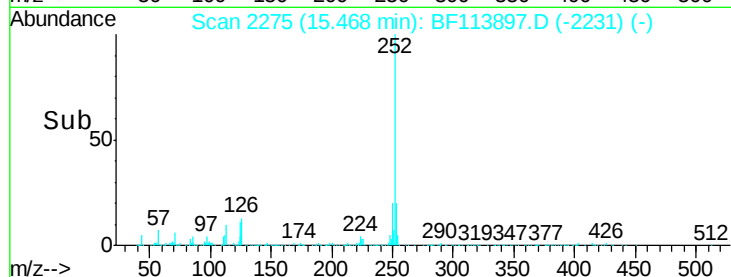
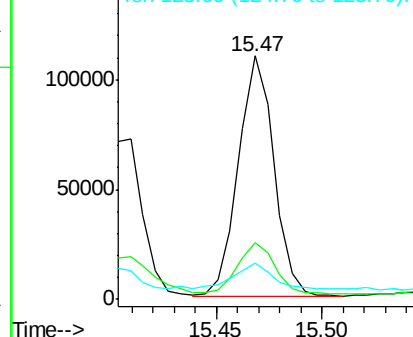
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	127739		
253	23.6	17.5	26.3	
125	14.7	8.5	12.7	

Manual Integrations
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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



#92

Benzo(g,h,i)perylene

Concen: 2.451 ng

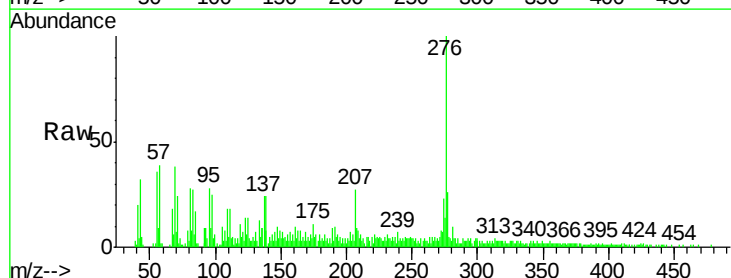
RT: 17.47 min Scan# 2615

Delta R.T. -0.05 min

Lab File: BF113897.D

Acq: 23 Apr 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	67679		
277	26.2	19.0	28.4	
138	23.6	16.6	25.0	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

