

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116917.D
 Acq On : 10 Sep 2019 00:33
 Operator : HP/JU
 Sample : K4762-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Manual Integrations
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mohammad
 9/12/2019 9:28:15 AM

Quant Time: Sep 10 04:13:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74468	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	272799	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	128468	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	194573	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	163296	20.00	ng	-0.02
87) Perylene-d12	15.44	264	158003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	394979	85.93	ng	-0.01
7) Phenol-d6	6.47	99	545817	90.43	ng	-0.01
23) Nitrobenzene-d5	7.39	82	329048	68.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	91808	106.90	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	462230	60.69	ng	-0.02
79) Terphenyl-d14	12.93	244	399482	45.26	ng	-0.02
Target Compounds						
10) Phenol	6.47	94	20104	3.008	ng	# 71
50) Dimethylphthalate	9.58	163	109184	12.310	ng	# 87
71) Phenanthrene	11.37	178	38726	3.575	ng	# 87
75) Fluoranthene	12.56	202	71590	6.726	ng	98
78) Pyrene	12.79	202	75209	5.181	ng	98
81) Benzo(a)anthracene	13.97	228	41607	4.026	ng	99
83) Chrysene	14.00	228	41057	3.856	ng	97
88) Benzo(b)fluoranthene	15.02	252	47548m	4.977	ng	
90) Benzo(a)pyrene	15.37	252	29545	3.555	ng	# 89
92) Benzo(g,h,i)perylene	17.32	276	16985	2.289	ng	95

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

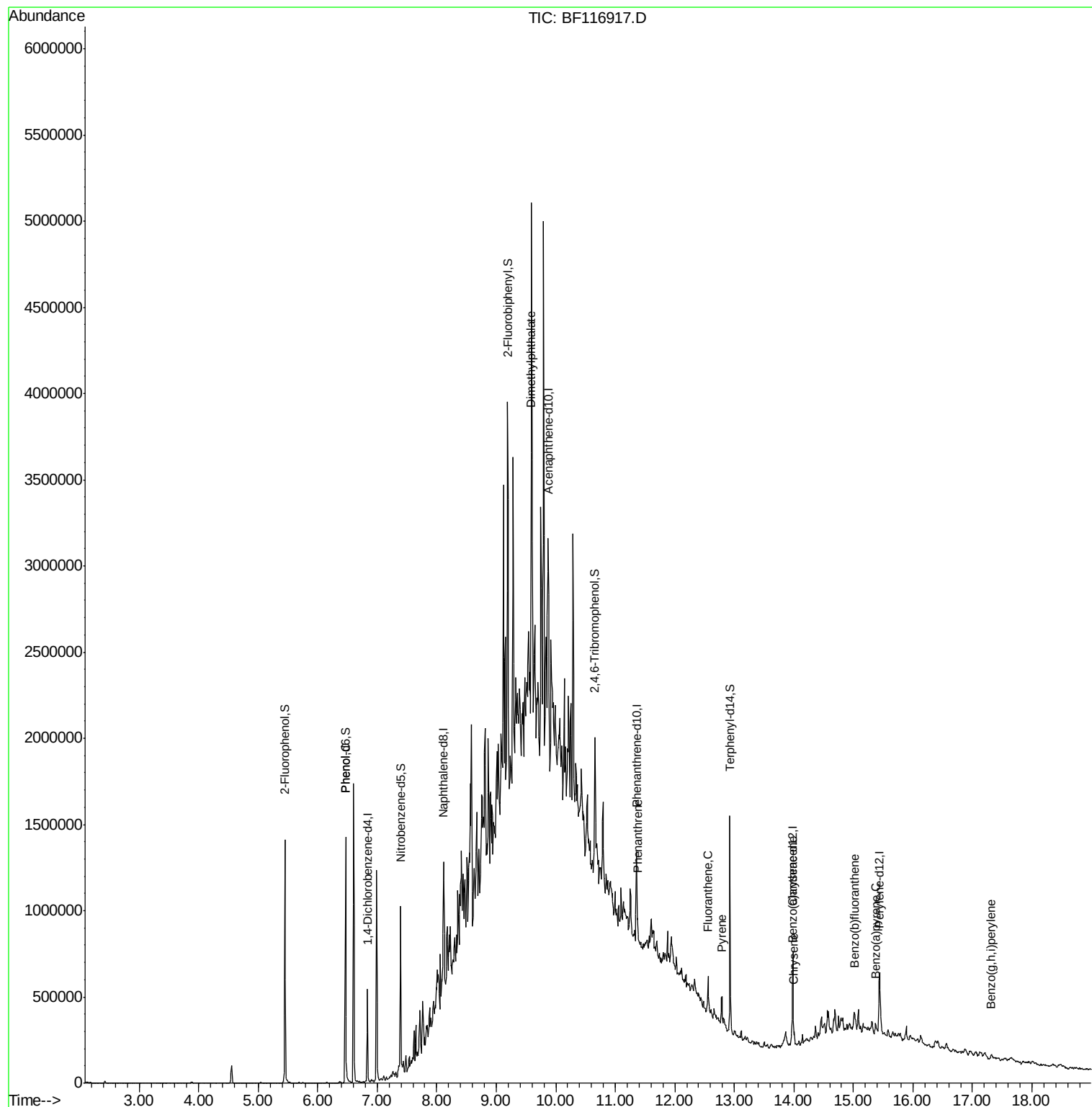
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
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Acq On : 10 Sep 2019 00:33
Operator : HP/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

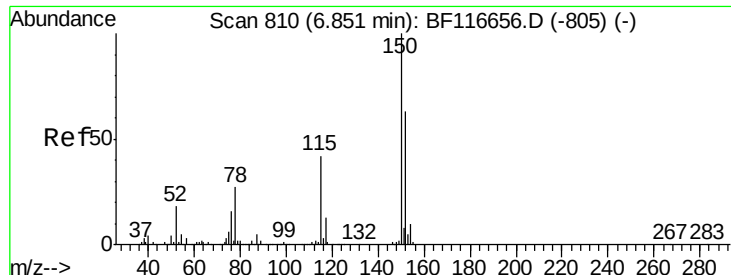
Instrument :
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ClientSampleId :
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#1

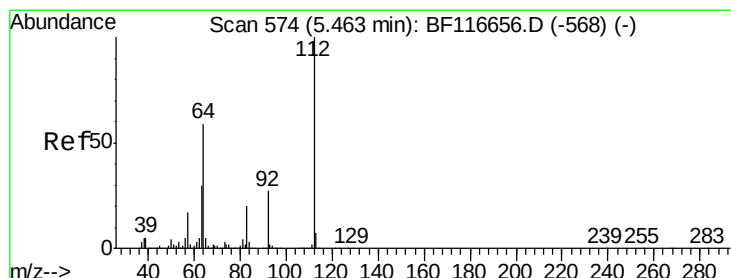
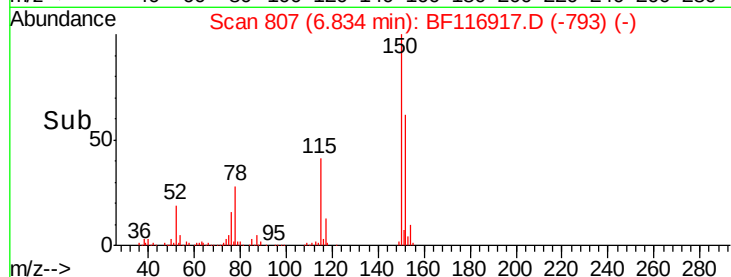
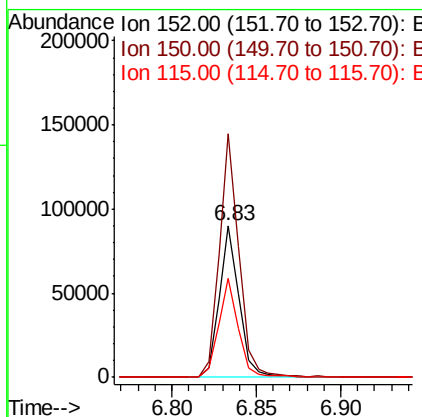
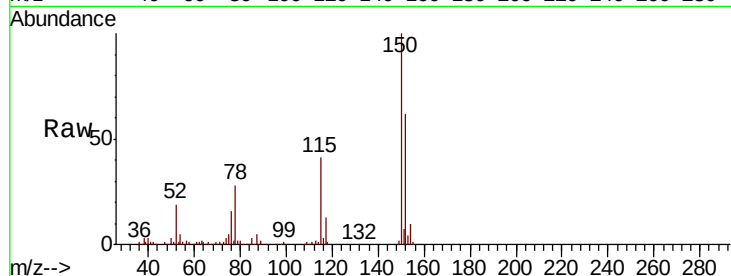
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.4	186.6
115	65.2	49.9	74.9

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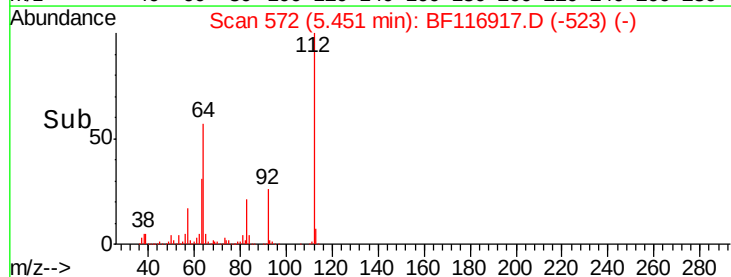
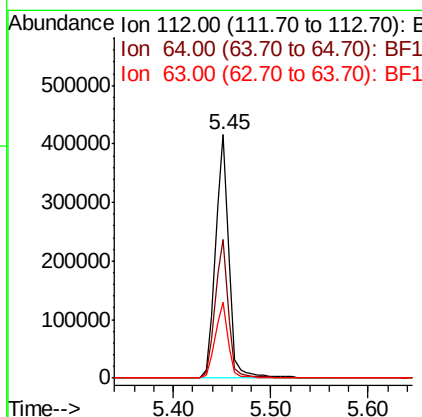
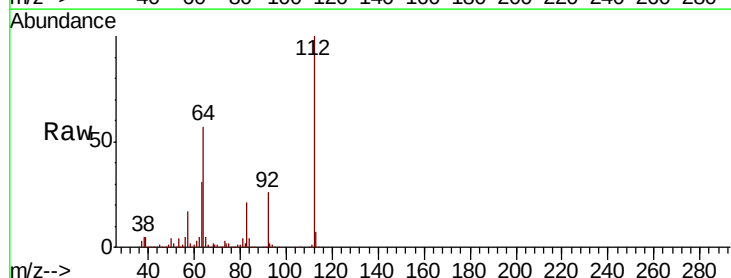
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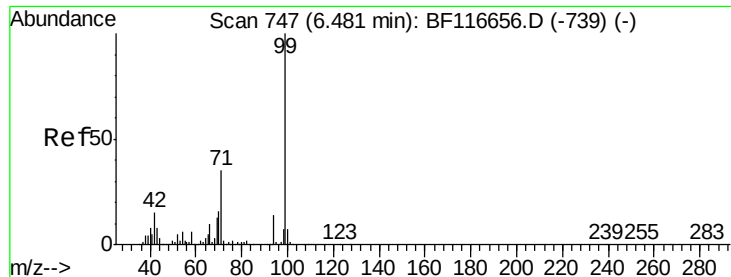


#5

2-Fluorophenol
Concen: 85.928 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.1	70.7
63	31.4	24.9	37.3





#7

Phenol-d6

Concen: 90.429 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116917.D

Acq: 10 Sep 2019 00:33

Instrument :

BNA_F

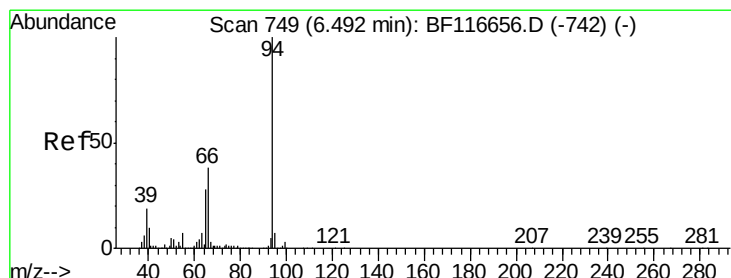
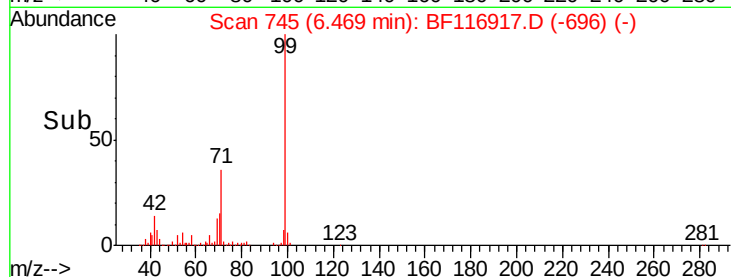
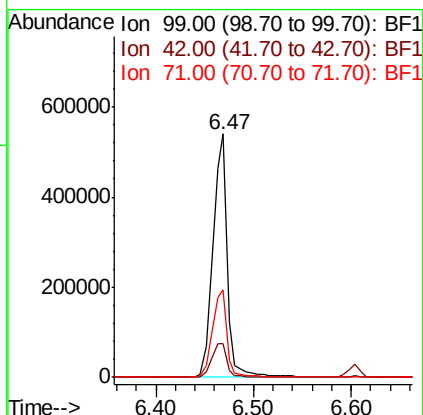
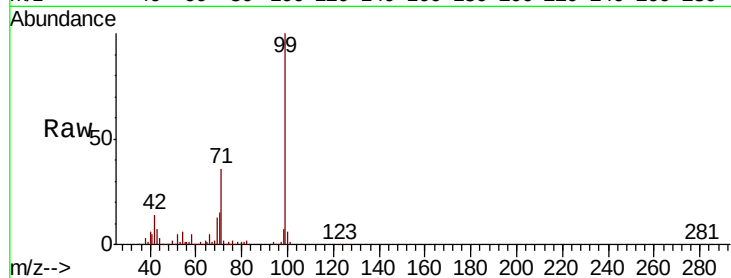
ClientSampleId :

STOCK-PILE

Tot Ion:	99	Resp:	545817
Ion Ratio	Lower	Upper	
99	100		
42	13.9	13.7	20.5
71	35.9	30.8	46.2

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#10

Phenol

Concen: 3.008 ng

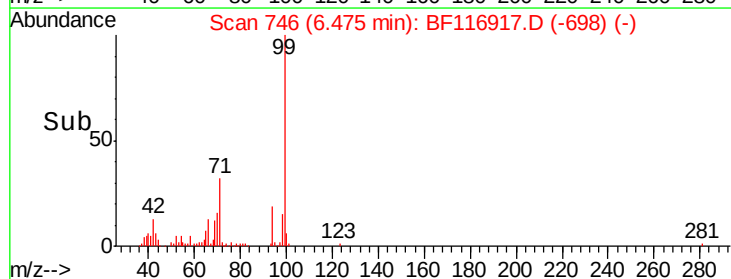
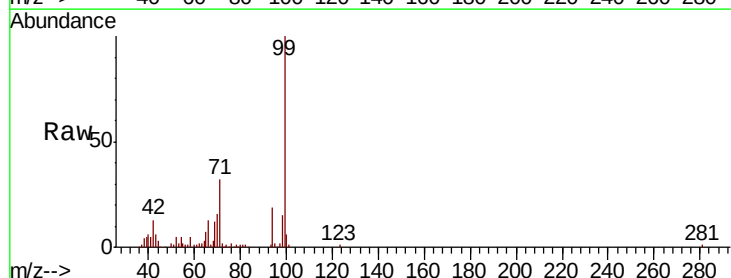
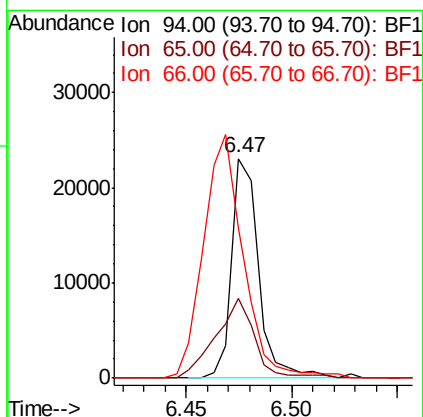
RT: 6.47 min Scan# 746

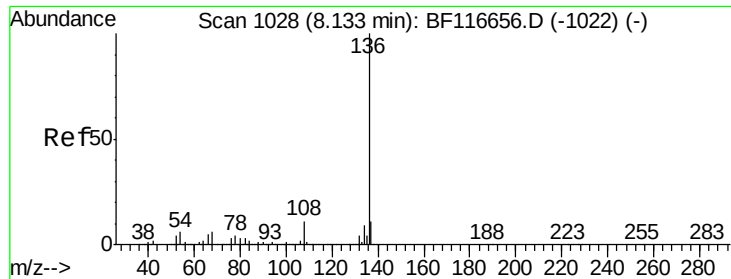
Delta R.T. -0.02 min

Lab File: BF116917.D

Acq: 10 Sep 2019 00:33

Tgt Ion:	94	Resp:	20104
Ion Ratio	Lower	Upper	
94	100		
65	36.5	10.8	50.8
66	68.4	21.1	61.1#





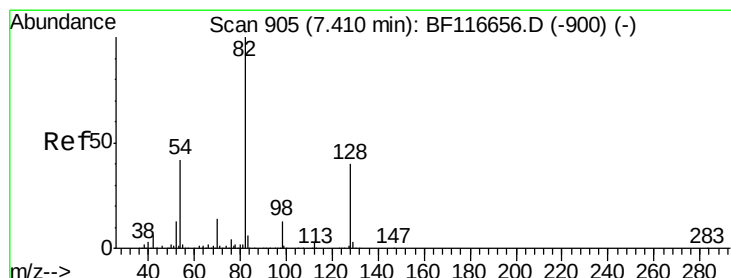
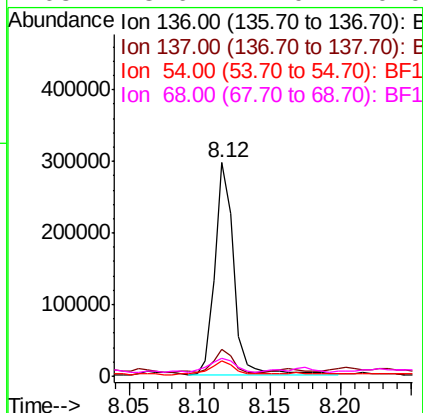
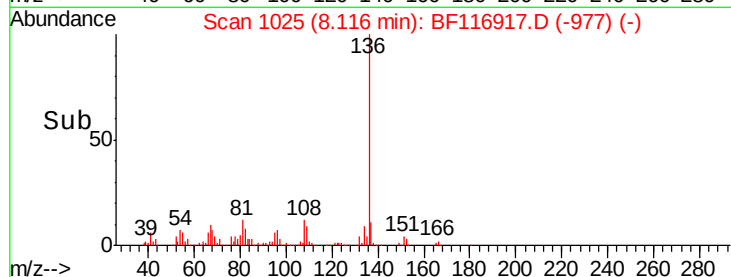
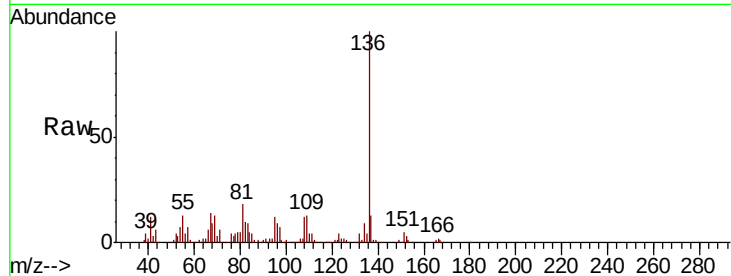
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	272799		
137	12.6	8.9	13.3	
54	7.3	4.8	7.2#	
68	8.6	4.0	6.0#	

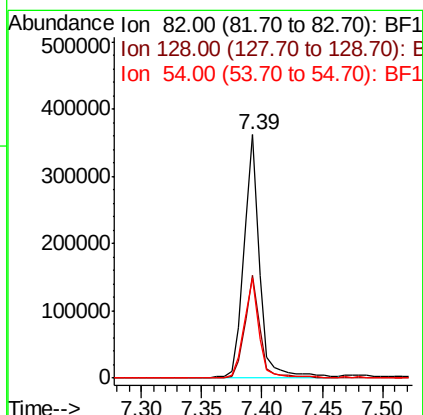
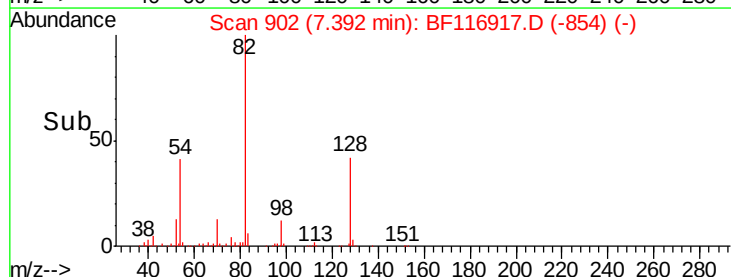
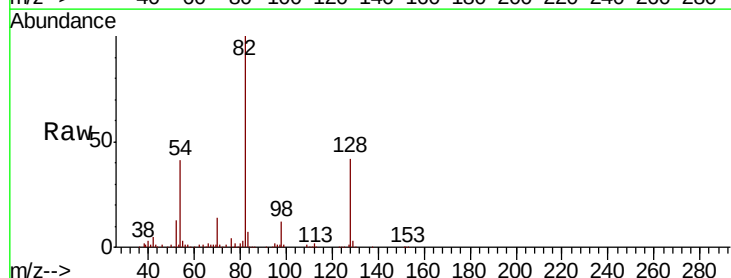
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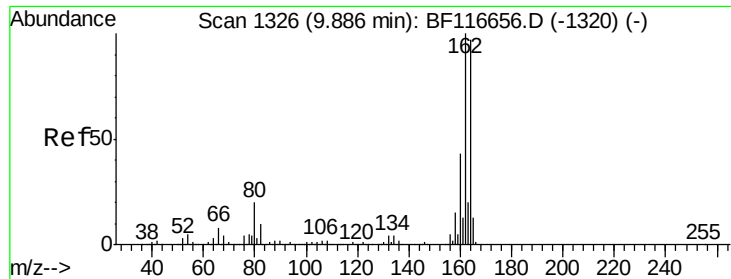
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#23
Nitrobenzene-d5
Concen: 68.858 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	329048		
128	42.4	32.8	49.2	
54	41.0	36.9	55.3	





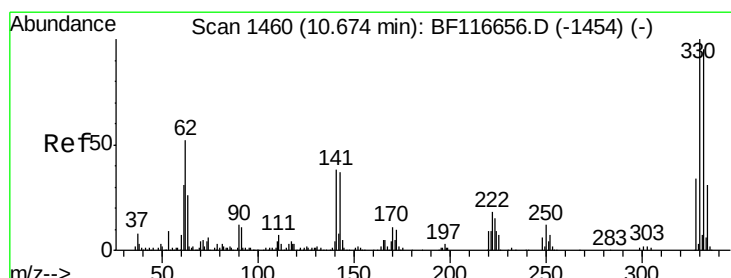
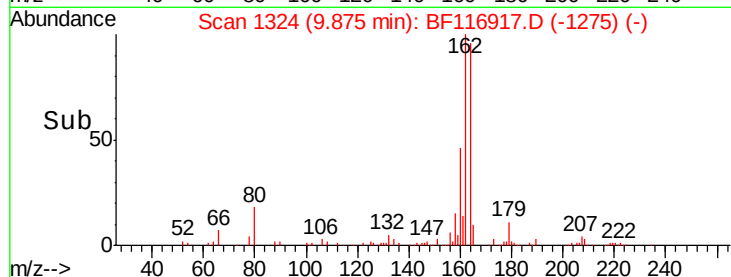
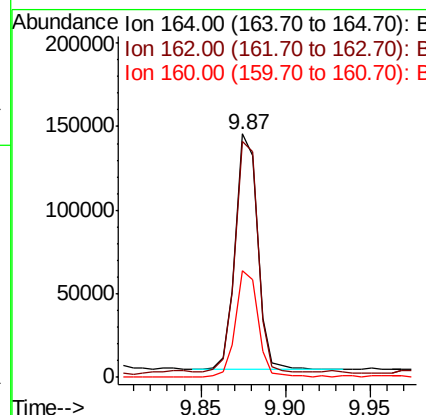
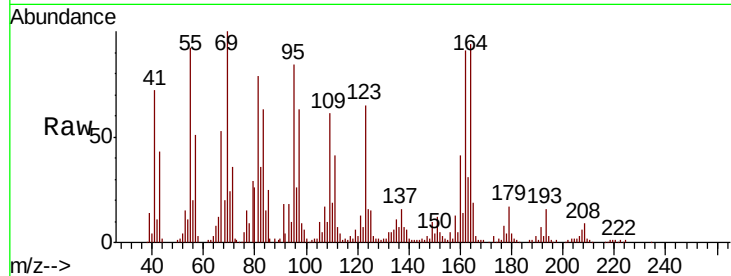
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	128468		
162	97.0	81.4	122.0	
160	43.9	35.4	53.2	

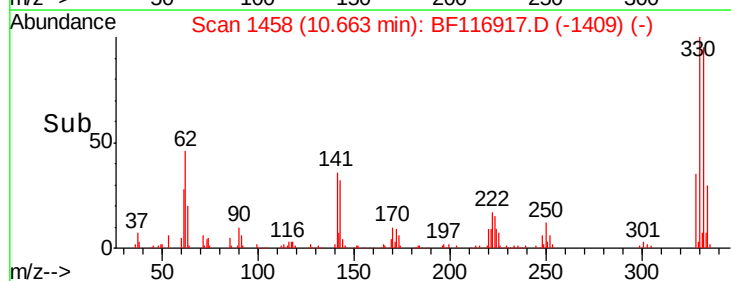
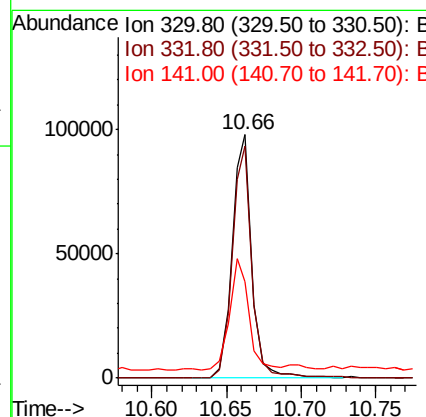
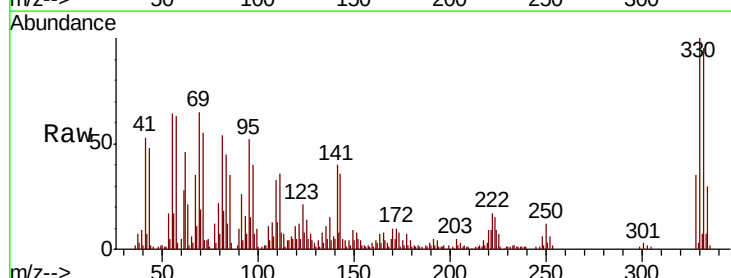
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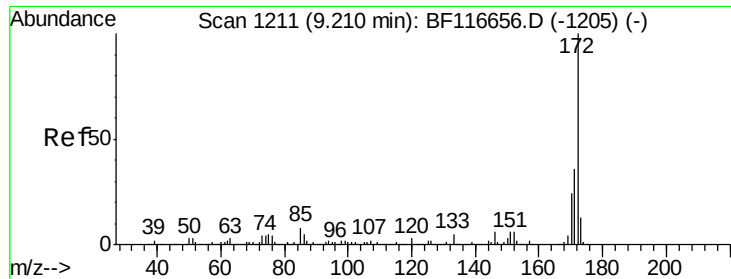
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#42
2,4,6-Tribromophenol
Concen: 106.898 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91808		
332	95.5	76.9	115.3	
141	45.6	31.4	47.2	





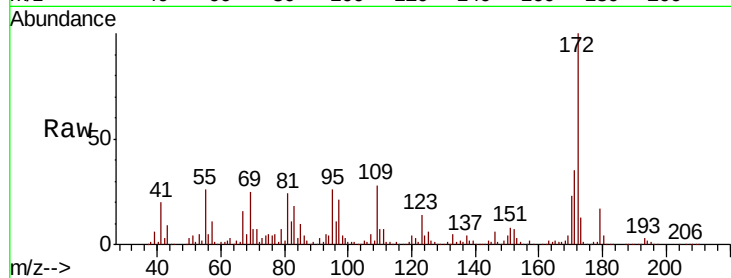
#45
2-Fluorobiphenyl
Concen: 60.695 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

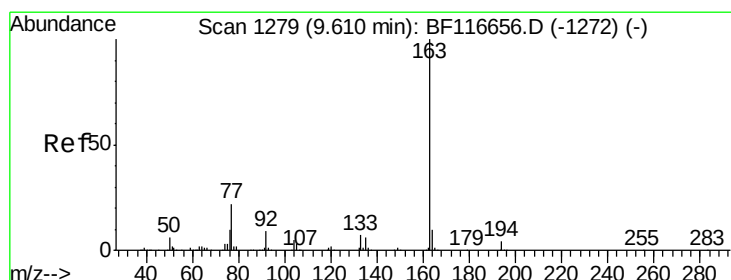
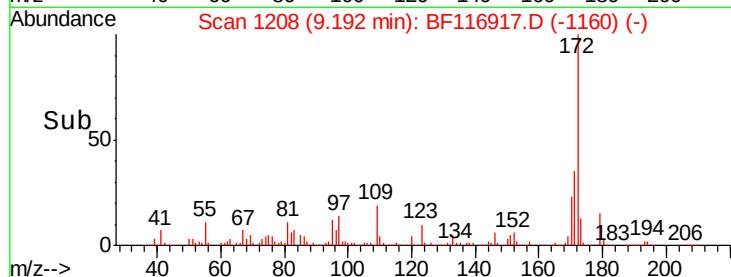
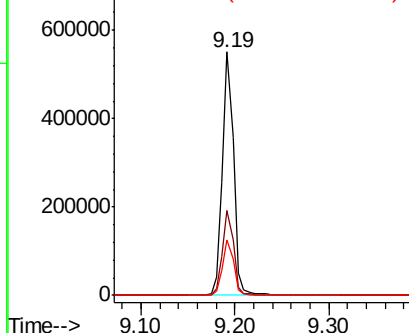
Tot Ion:	172	Resp:	462230
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.8	41.6
170	22.6	18.9	28.3

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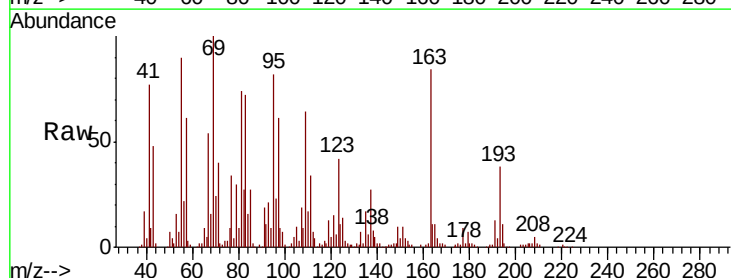


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

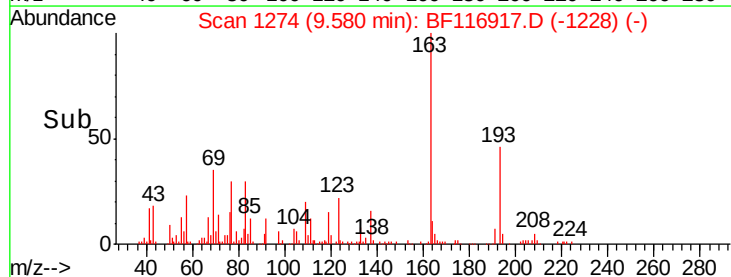
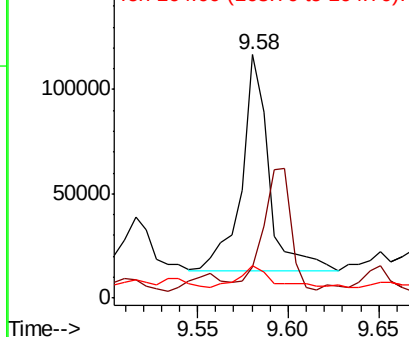


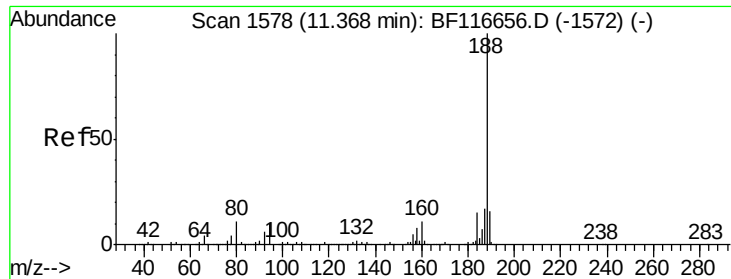
#50
Dimethylphthalate
Concen: 12.310 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion:	163	Resp:	109184
Ion Ratio	Lower	Upper	
163	100		
194	13.0	2.8	4.2#
164	13.5	8.6	12.8#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





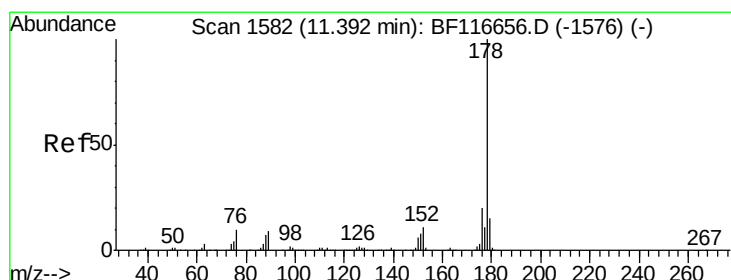
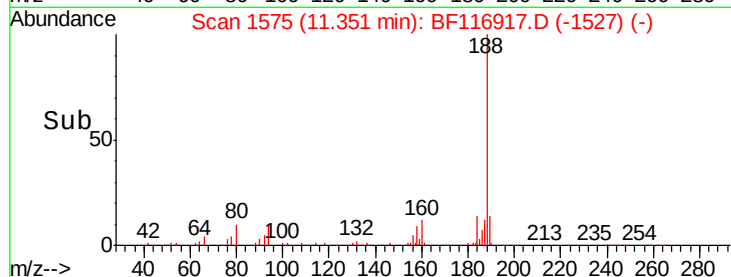
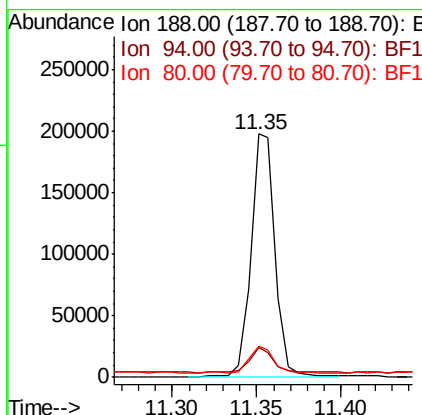
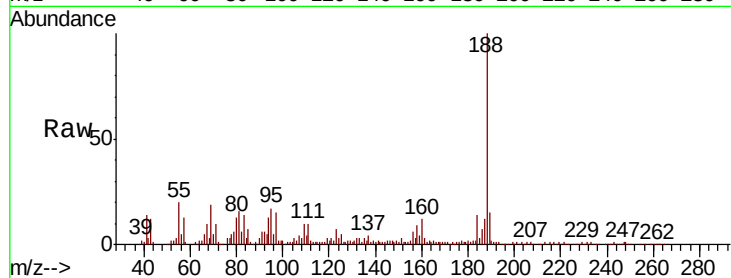
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.5	7.3	10.9#
80	13.0	8.4	12.6#

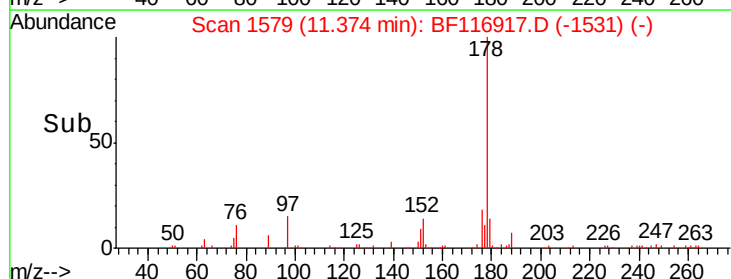
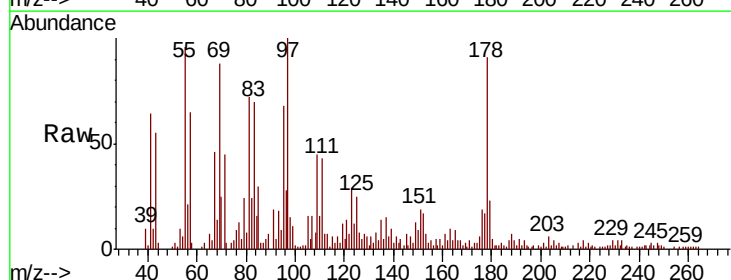
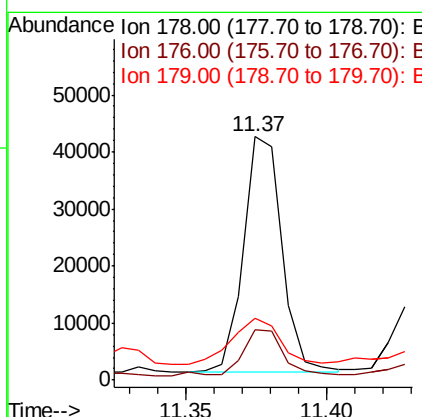
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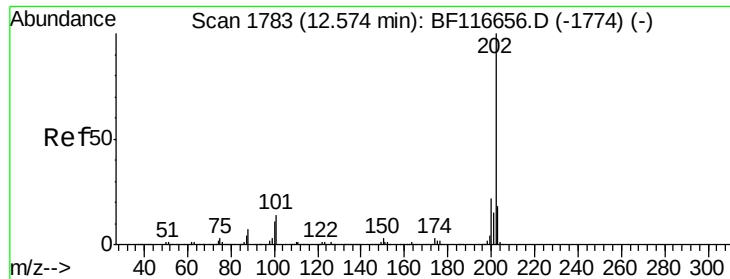
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#71
Phenanthrene
Concen: 3.575 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.8	15.4	23.0
179	25.5	12.2	18.2#





#75

Fluoranthene

Concen: 6.726 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF116917.D

Acq: 10 Sep 2019 00:33

Instrument :

BNA_F

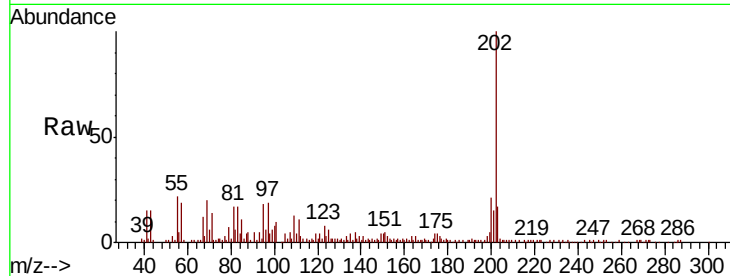
ClientSampleId :

STOCK-PILE

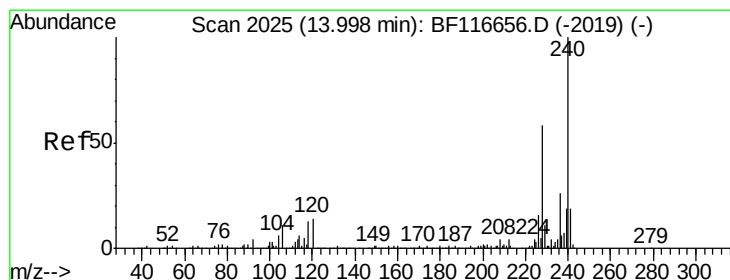
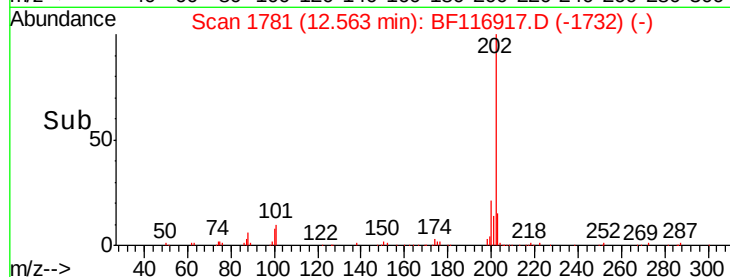
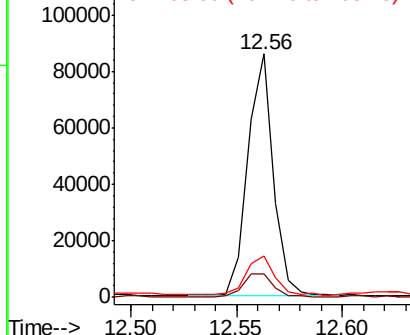
Tot Ion:	202	Resp:	71590
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.3
203	17.0	0.0	37.6

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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

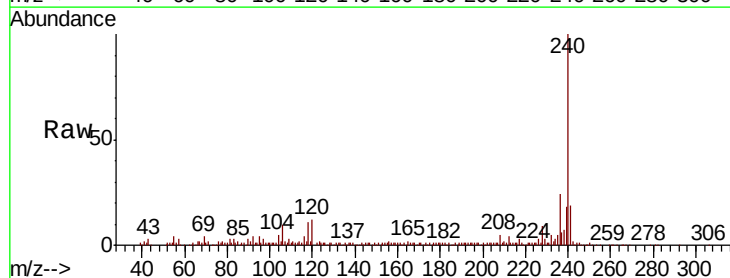
RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

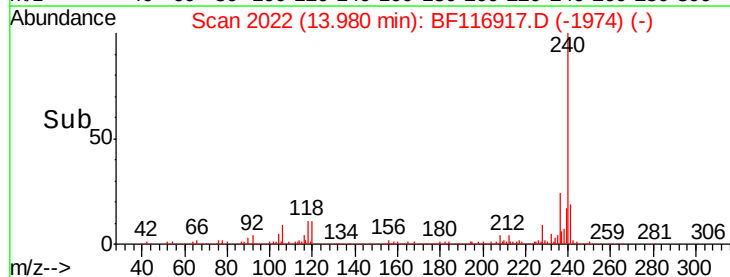
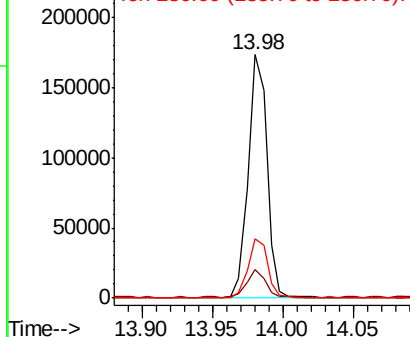
Lab File: BF116917.D

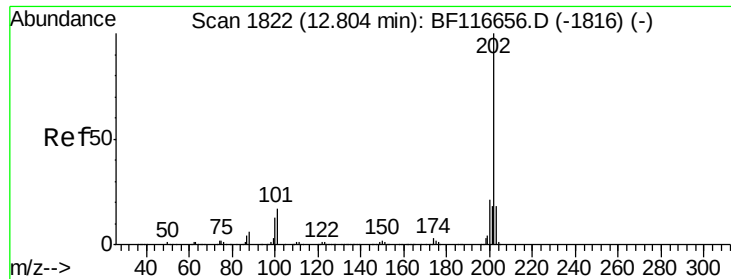
Acq: 10 Sep 2019 00:33

Tgt Ion:	240	Resp:	163296
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.1	13.7
236	24.5	21.1	31.7



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





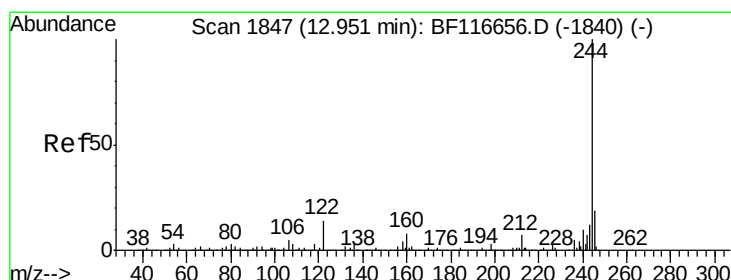
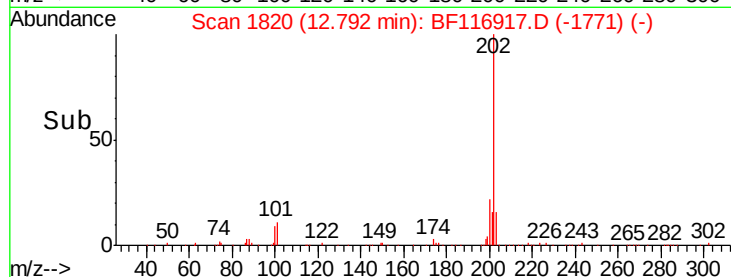
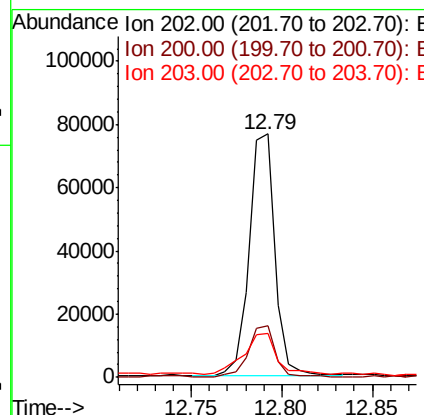
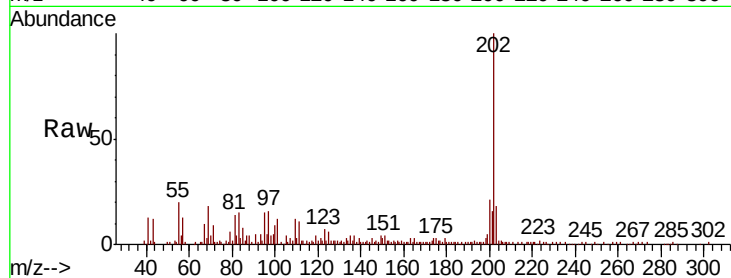
#78
Pvrene
Concen: 5.181 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.5	24.7
203	18.0	13.7	20.5

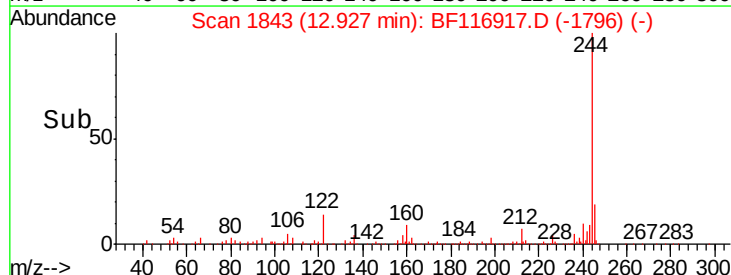
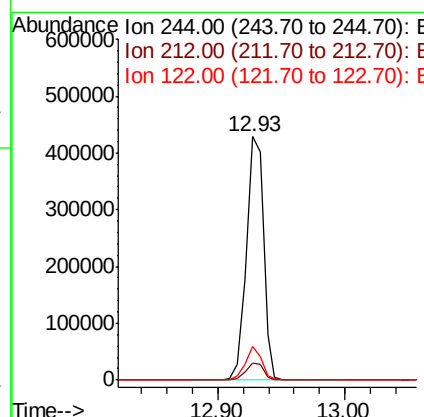
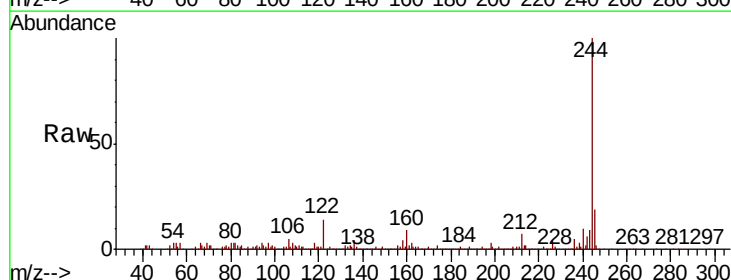
Manual Integrations
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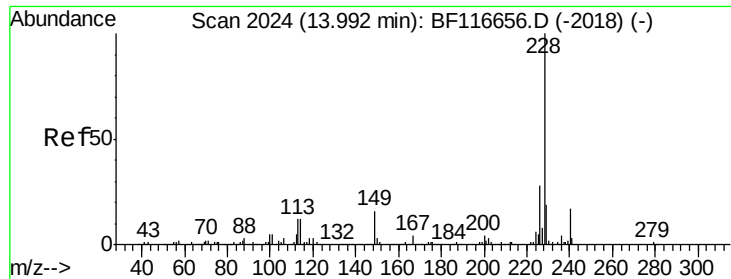
mohammad
9/12/2019 9:28:15 AM



#79
Terphenyl-d14
Concen: 45.256 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	14.0	10.2	15.4





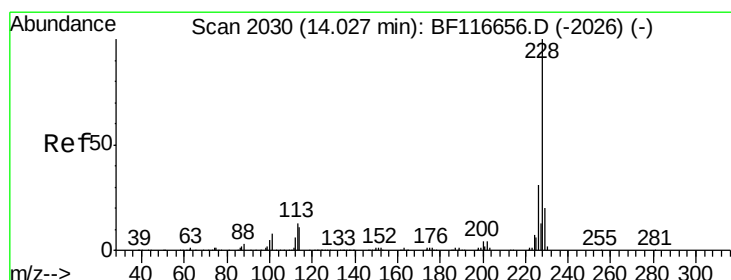
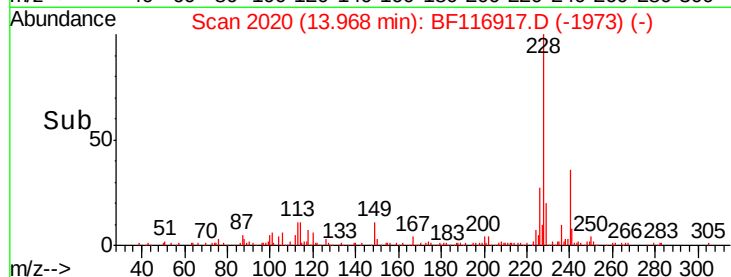
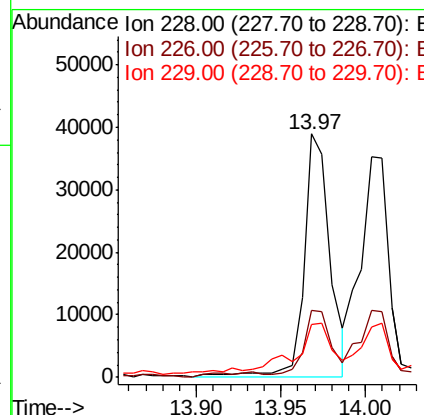
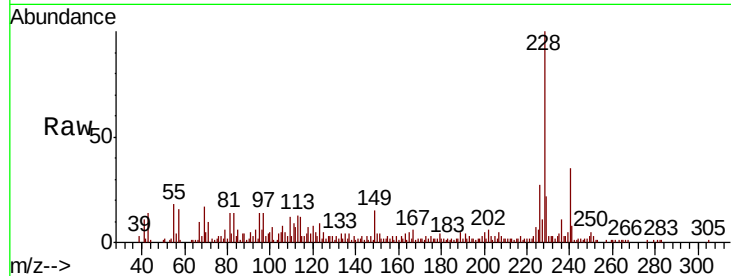
#81
Benzo(a)anthracene
Concen: 4.026 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	21.5	16.4	24.6

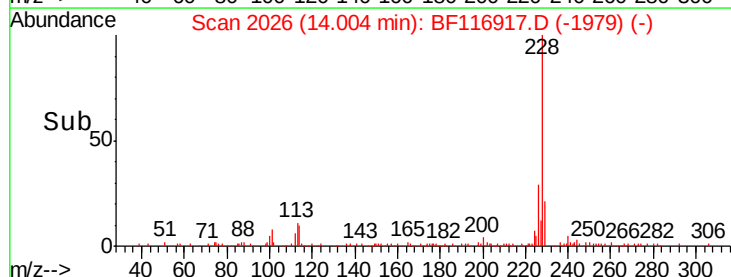
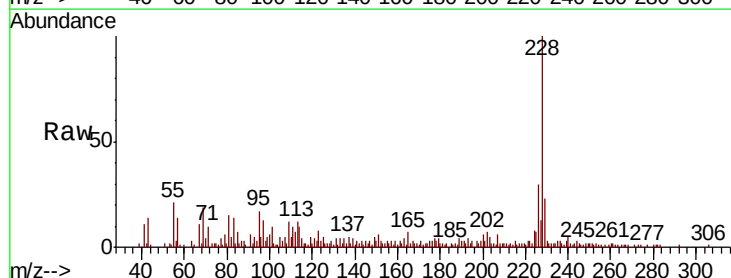
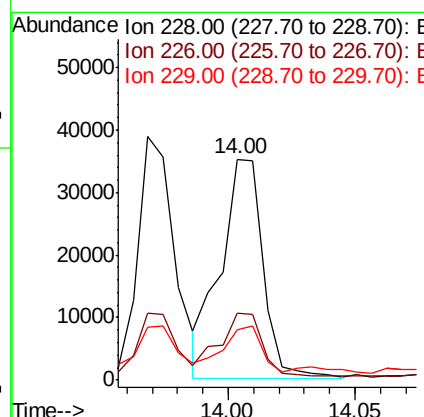
Manual Integrations
APPROVED

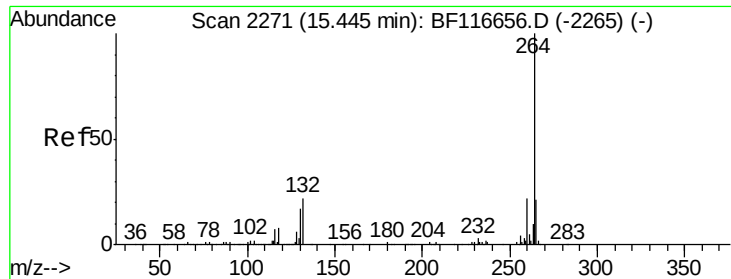
mohammad
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#83
Chrysene
Concen: 3.856 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	22.9	15.4	23.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF116917.D

Acq: 10 Sep 2019 00:33

Instrument :

BNA_F

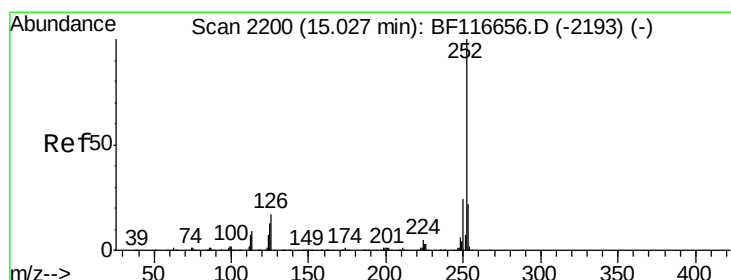
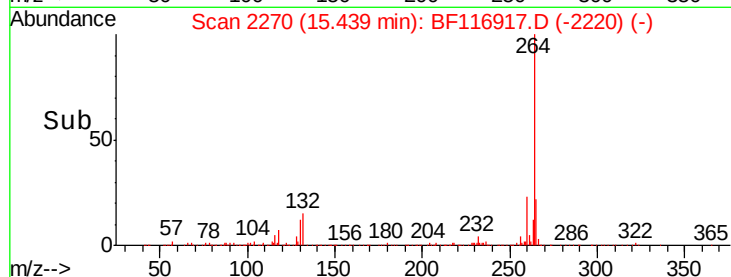
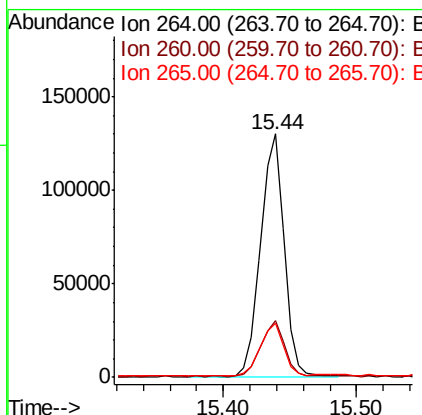
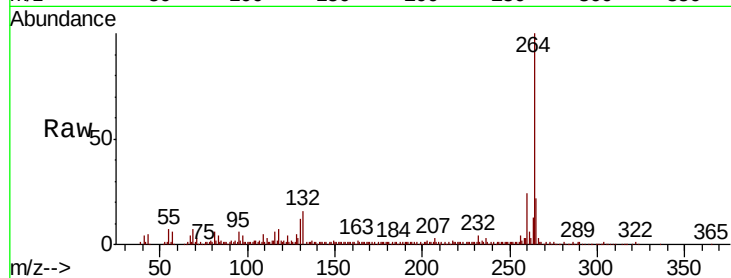
ClientSampleId :

STOCK-PILE

Tot Ion:	264	Resp:	158003
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.3	27.5
265	22.0	16.5	24.7

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#88

Benzo(b)fluoranthene

Concen: 4.977 ng m

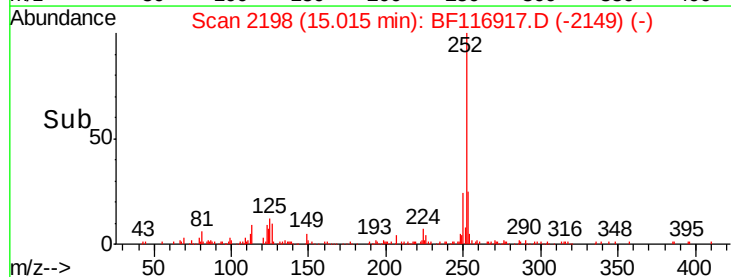
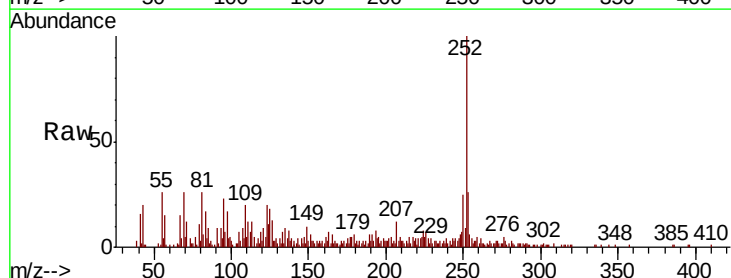
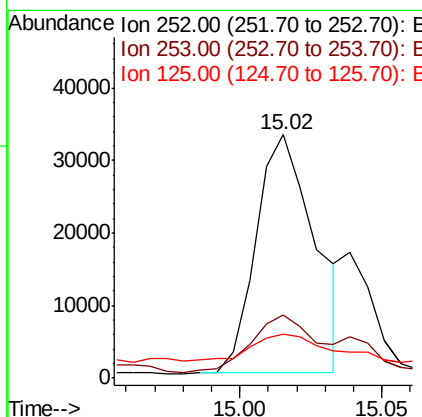
RT: 15.02 min Scan# 2198

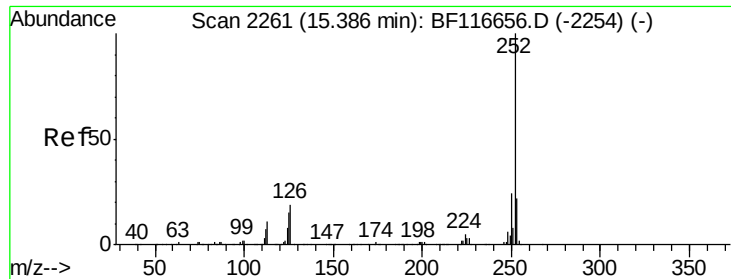
Delta R.T. -0.01 min

Lab File: BF116917.D

Acq: 10 Sep 2019 00:33

Tgt Ion:	252	Resp:	47548
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.7	26.5
125	18.0	8.2	12.2#





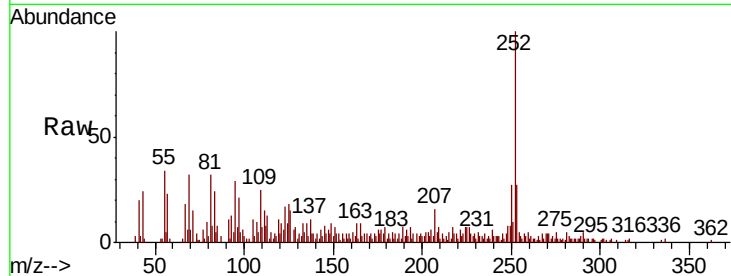
#90
Benzo(a)pyrene
Concen: 3.555 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

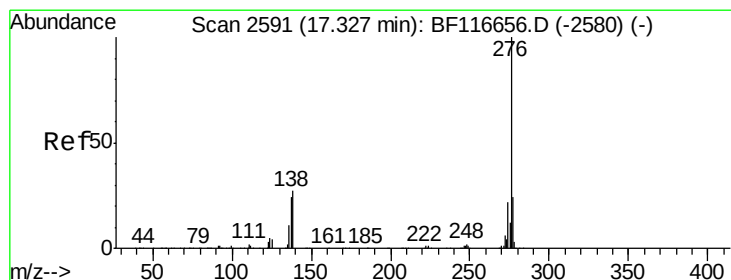
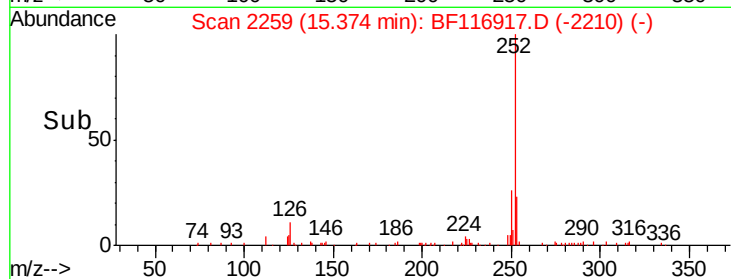
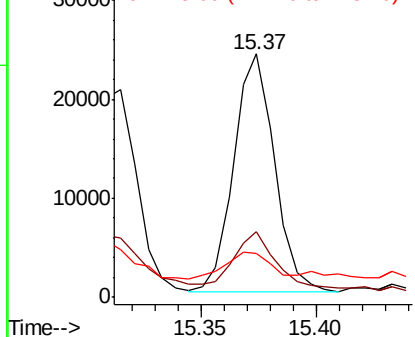
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	17.8	9.8	14.8

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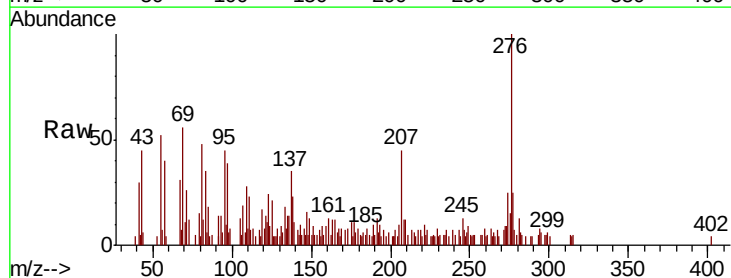


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.289 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116917.D
Acq: 10 Sep 2019 00:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.5	27.7
138	23.0	16.2	24.2



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

