

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116754.D
 Acq On : 1 Sep 2019 20:30
 Operator : HP/JU
 Sample : K4547-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T7-S-G1-G4

Manual Integrations
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mohammad
 9/5/2019 9:54:53 AM

Quant Time: Sep 02 06:46:53 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	6.85	152	91979	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	384323	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	215806	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	353378	20.00	ng	0.00
76) Chrysene-d12	13.99	240	218662	20.00	ng	0.00
87) Perylene-d12	15.45	264	211896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	497154	87.57	ng	0.00
7) Phenol-d6	6.47	99	685215	91.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	410744	61.01	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	134870	93.48	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	776163	60.67	ng	0.00
79) Terphenyl-d14	12.94	244	707596	59.86	ng	0.00
Target Compounds						
10) Phenol	6.49	94	52958	6.415	ng	95
50) Dimethylphthalate	9.59	163	123446	8.285	ng	99
75) Fluoranthene	12.57	202	84193	4.355	ng	94
78) Pyrene	12.80	202	75201	3.869	ng	97
81) Benzo(a)anthracene	13.98	228	35923	2.596	ng	# 94
83) Chrysene	14.02	228	43437	3.047	ng	# 90
84) Bis(2-ethylhexyl)phthalate	13.97	149	24404	2.091	ng	# 99
88) Benzo(b)fluoranthene	15.03	252	59926m	4.678	ng	
90) Benzo(a)pyrene	15.39	252	33732	3.026	ng	# 73
92) Benzo(g,h,i)perylene	17.32	276	20477	2.058	ng	# 80

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

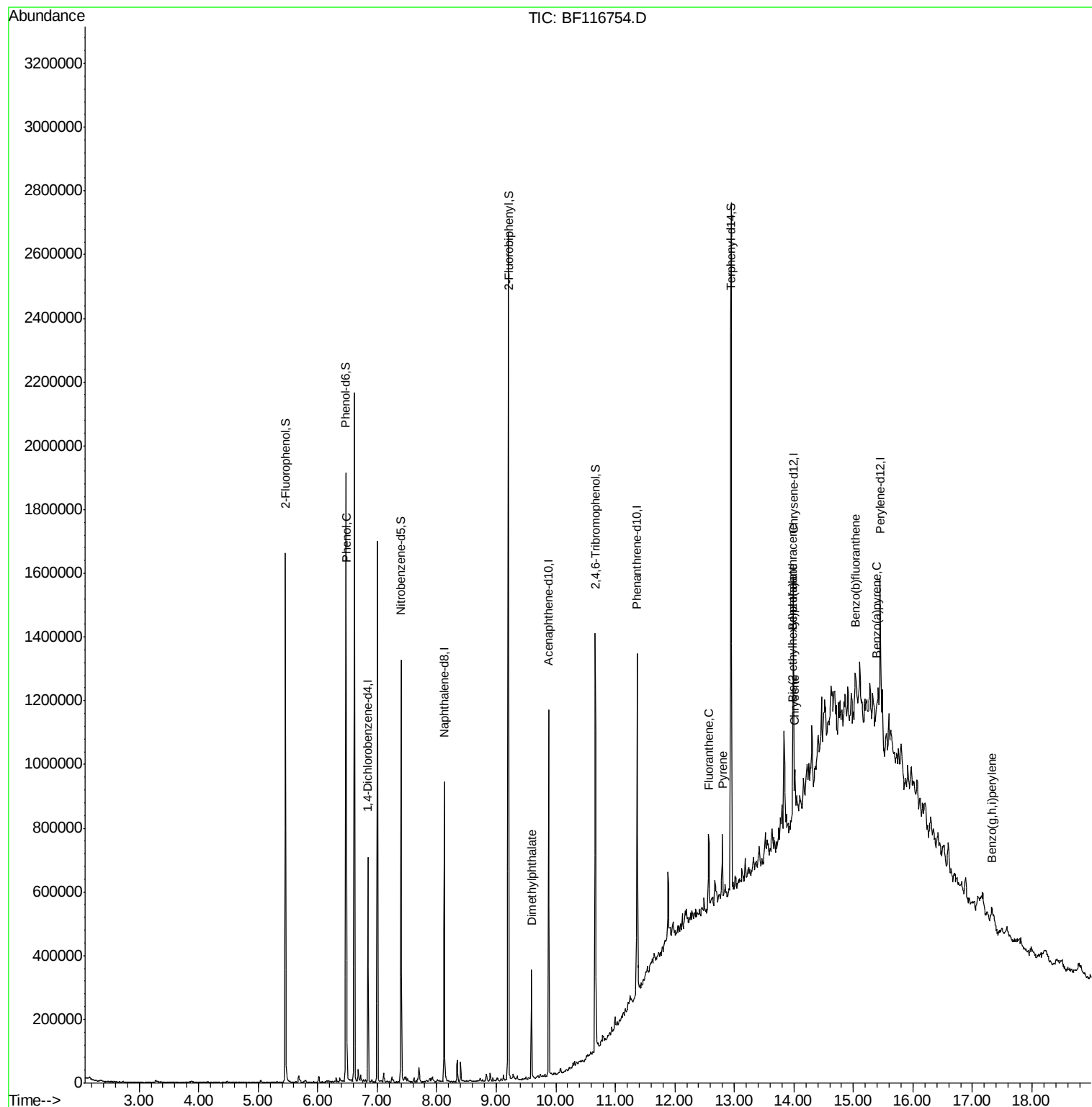
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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BNA_F
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T7-S-G1-G4

Manual Integrations
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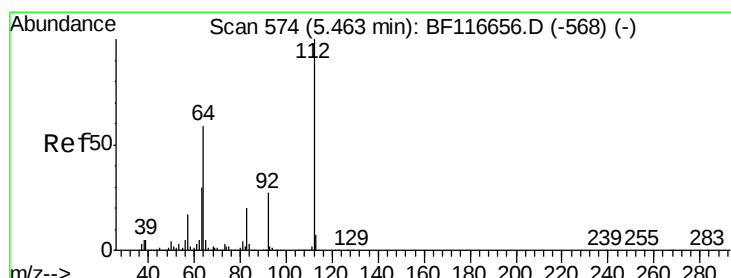
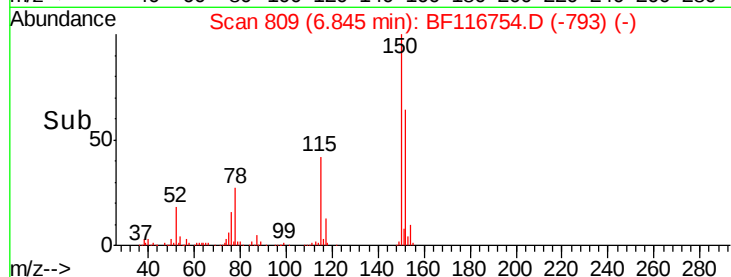
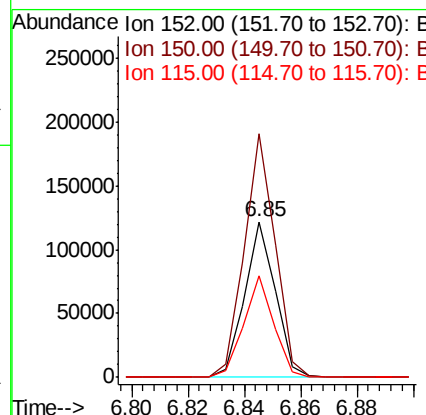
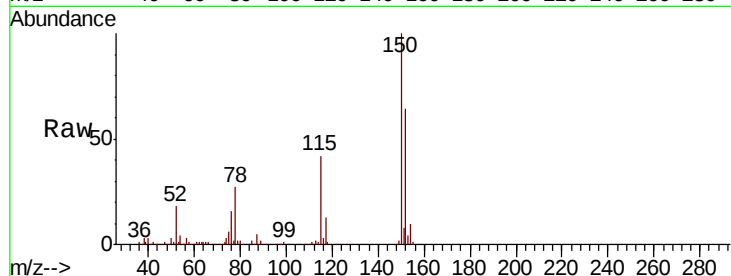
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116754.D
 Acq: 1 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 T7-S-G1-G4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.4	186.6
115	65.2	49.9	74.9

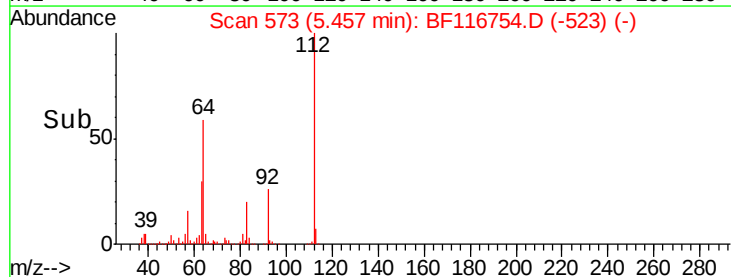
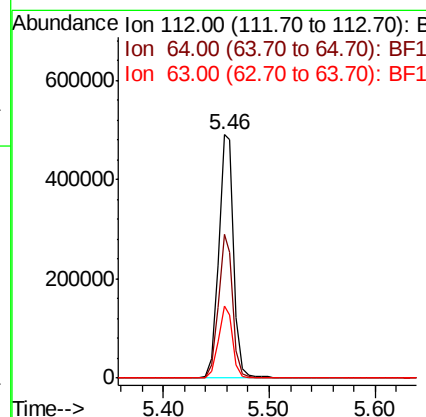
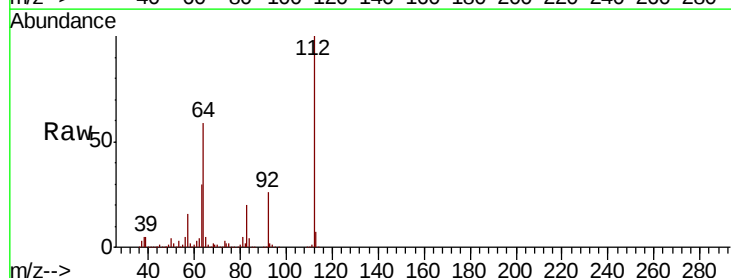
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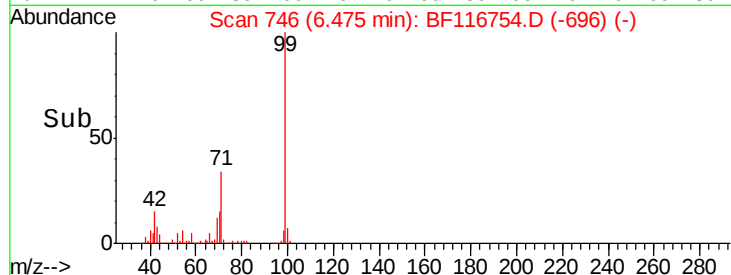
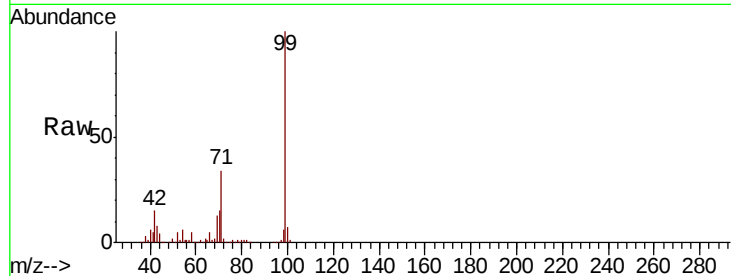
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#5
 2-Fluorophenol
 Concen: 87.565 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF116754.D
 Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	29.9	24.9	37.3





#7

Phenol-d6

Concen: 91.911 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116754.D

Acq: 1 Sep 2019 20:30

Tot Ion:	99	Resp:	685215
Ion Ratio	Lower	Upper	
99	100		
42	15.0	13.7	20.5
71	34.5	30.8	46.2

Instrument :

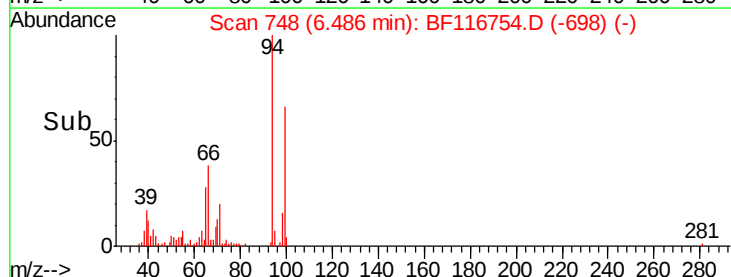
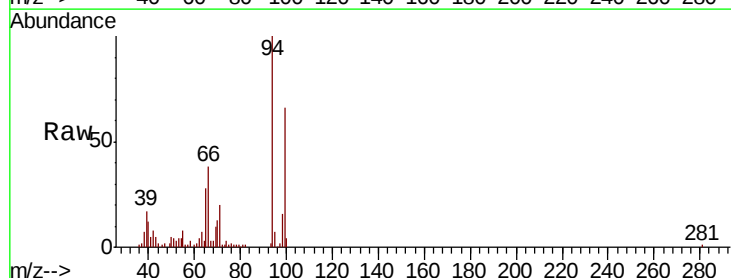
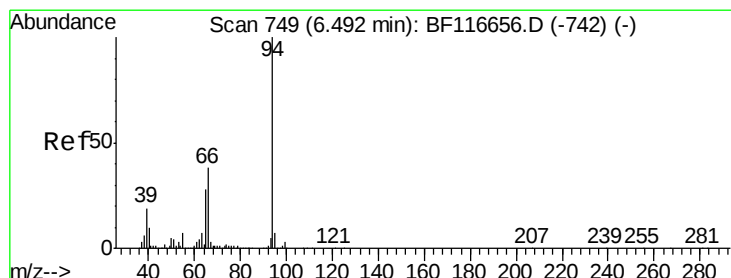
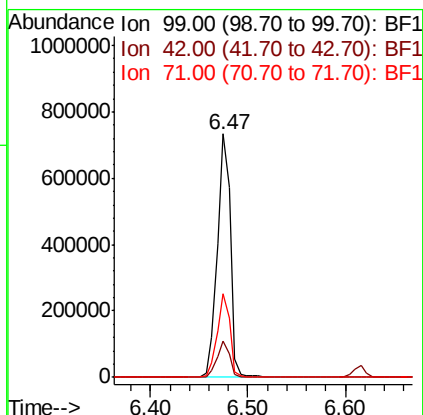
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#10

Phenol

Concen: 6.415 ng

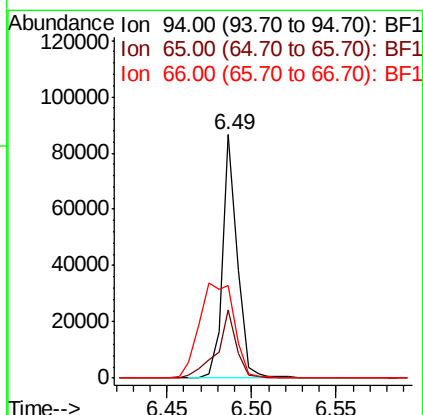
RT: 6.49 min Scan# 748

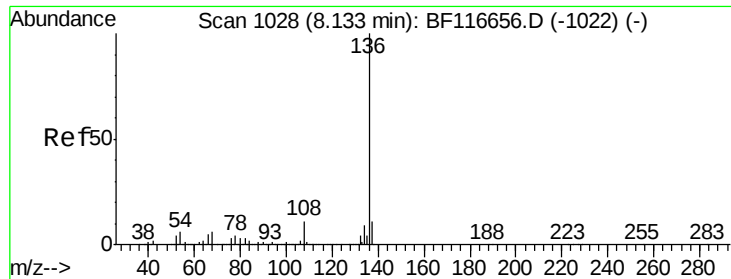
Delta R.T. -0.01 min

Lab File: BF116754.D

Acq: 1 Sep 2019 20:30

Tgt Ion:	94	Resp:	52958
Ion Ratio	Lower	Upper	
94	100		
65	28.1	10.8	50.8
66	37.8	21.1	61.1





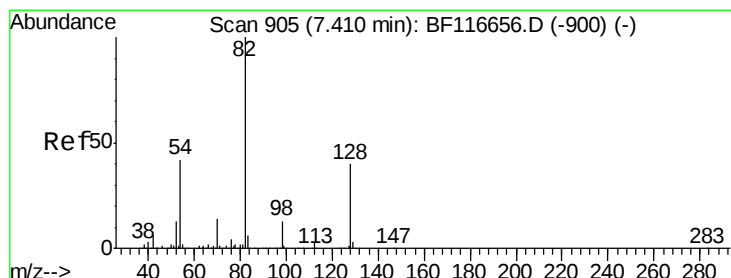
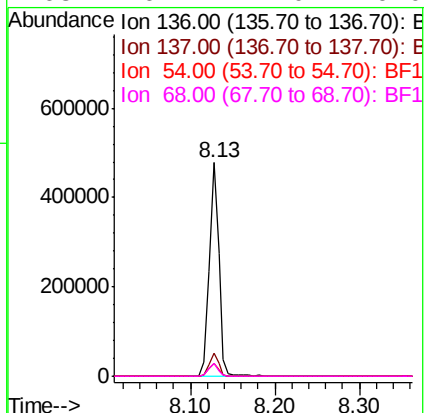
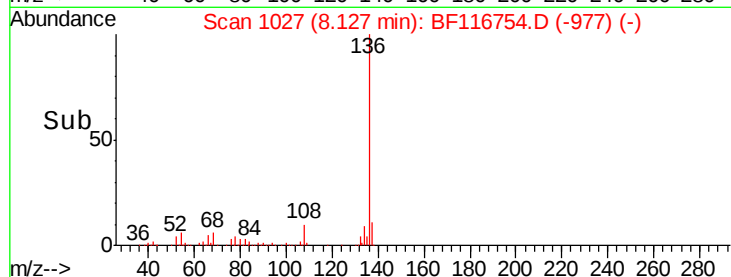
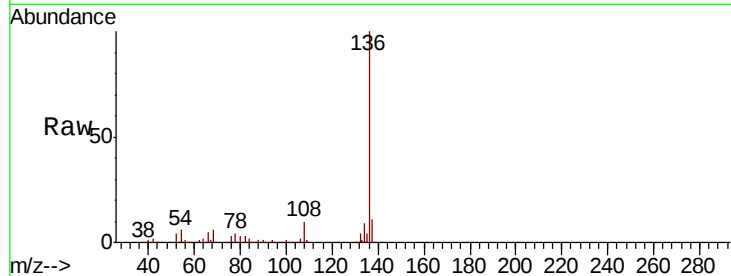
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
T7-S-G1-G4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	384323		
137	11.1	8.9	13.3	
54	6.1	4.8	7.2	
68	6.2	4.0	6.0	

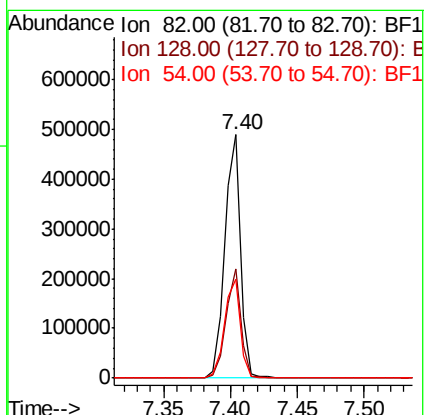
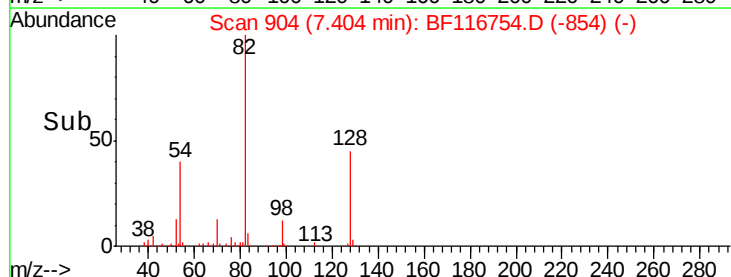
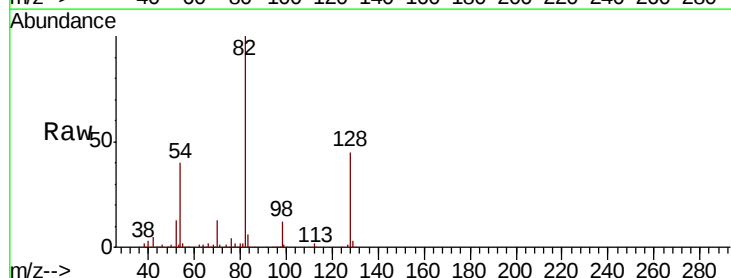
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#23
Nitrobenzene-d5
Concen: 61.012 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	410744		
128	45.1	32.8	49.2	
54	40.4	36.9	55.3	





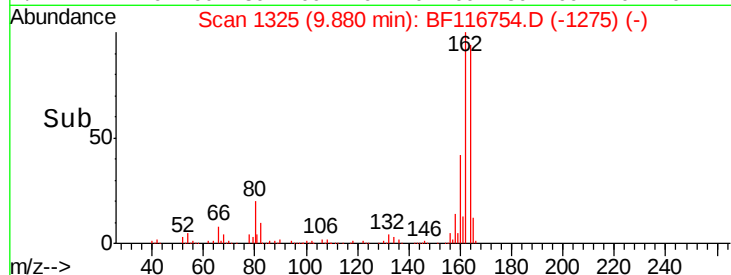
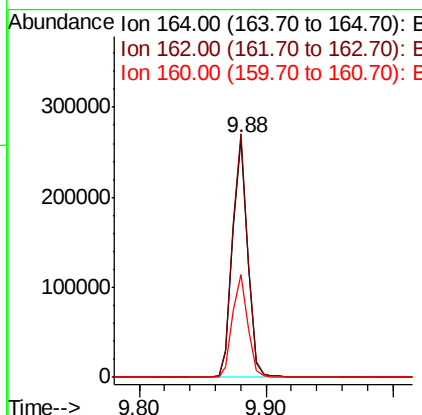
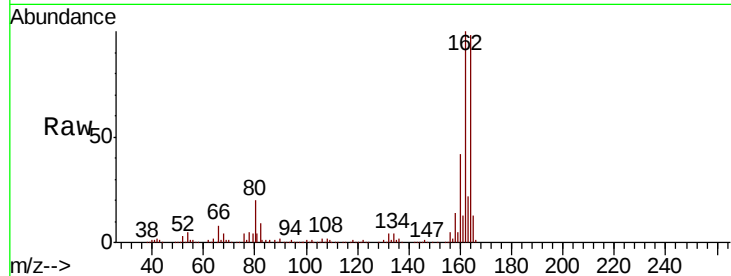
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
T7-S-G1-G4

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.4	122.0	
160	43.0	35.4	53.2	

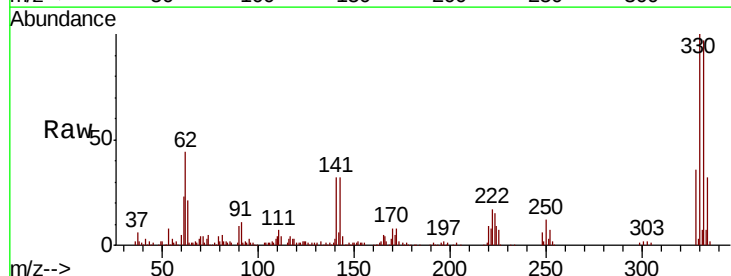
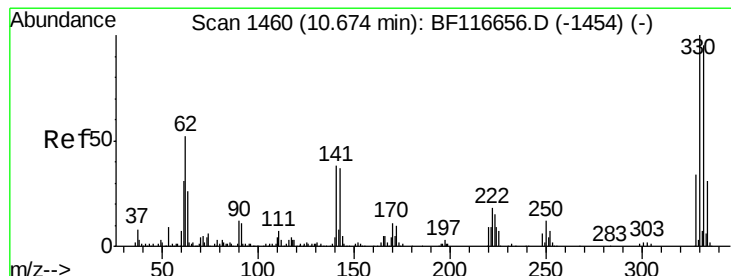
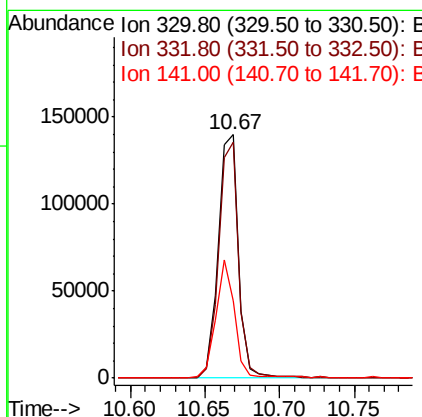
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#42
2,4,6-Tribromophenol
Concen: 93.484 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	76.9	115.3	
141	43.8	31.4	47.2	





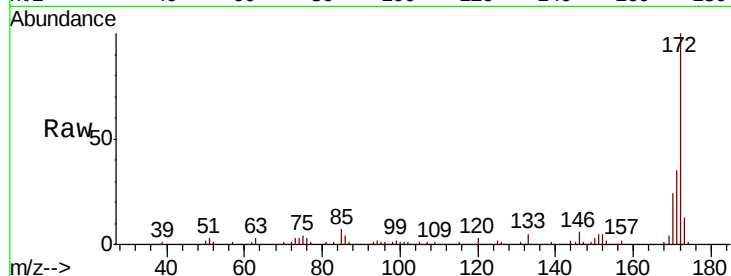
#45
2-Fluorobiphenyl
Concen: 60.670 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
T7-S-G1-G4

Tot Ion	Ratio	Resp	Lower	Upper
172	100	776163		
171	35.3		27.8	41.6
170	23.7		18.9	28.3

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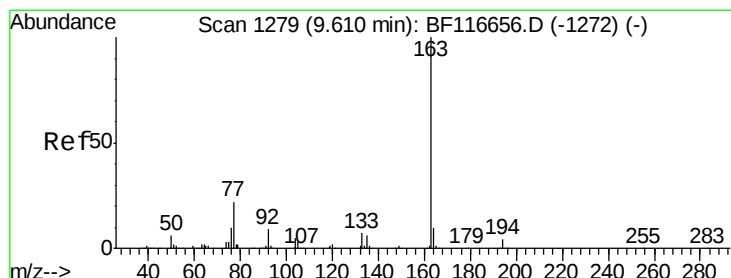
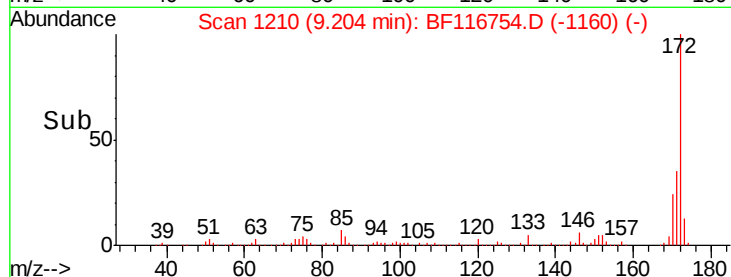
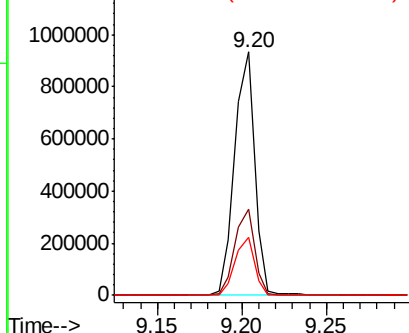


Abundance

Ion 172.00 (171.70 to 172.70): E

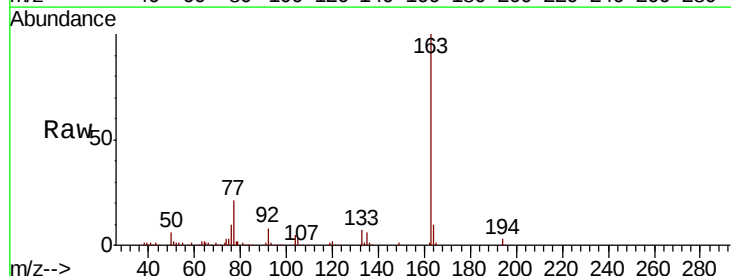
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.285 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	123446		
194	3.4		2.8	4.2
164	10.0		8.6	12.8

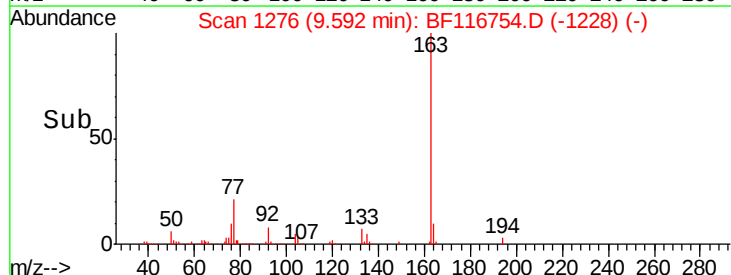
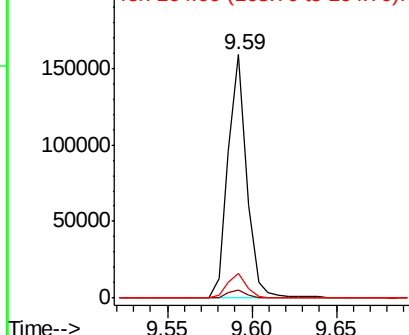


Abundance

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116754.D

Acq: 1 Sep 2019 20:30

Instrument :

BNA_F

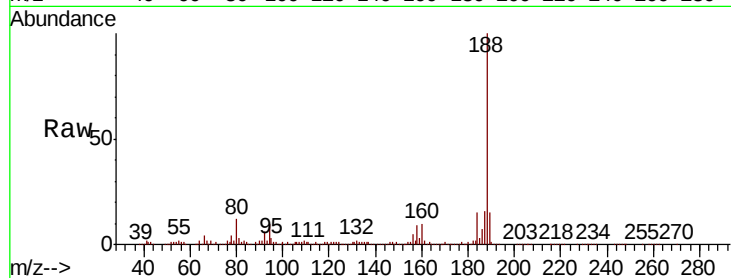
ClientSampleId :

T7-S-G1-G4

Tot Ion:	188	Resp:	353378
Ion Ratio	Lower	Upper	
188	100		
94	10.4	7.3	10.9
80	11.8	8.4	12.6

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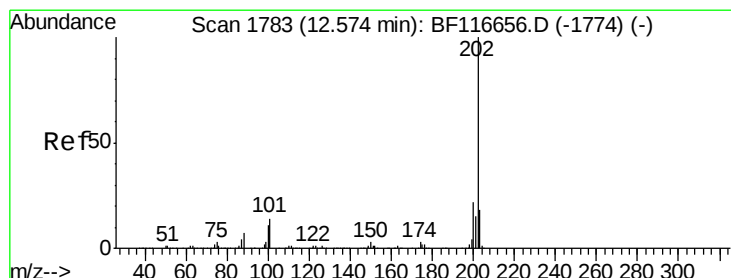
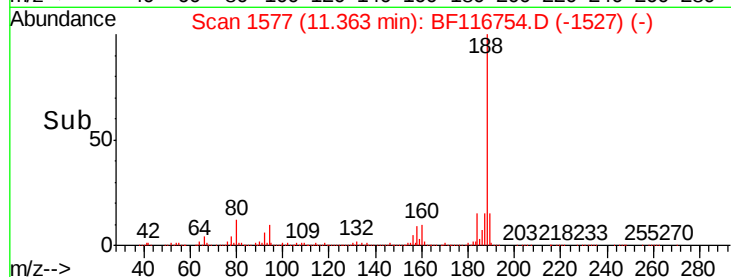
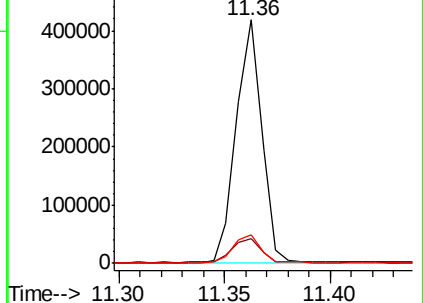
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 4.355 ng

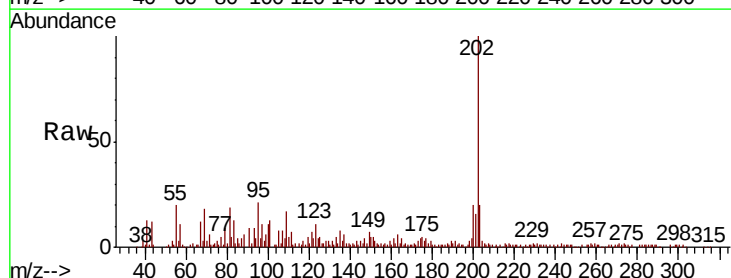
RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116754.D

Acq: 1 Sep 2019 20:30

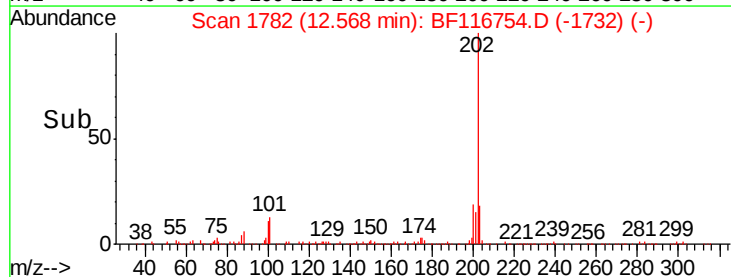
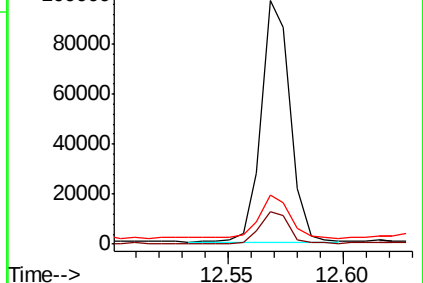
Tgt Ion:	202	Resp:	84193
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	31.3
203	20.3	0.0	37.6

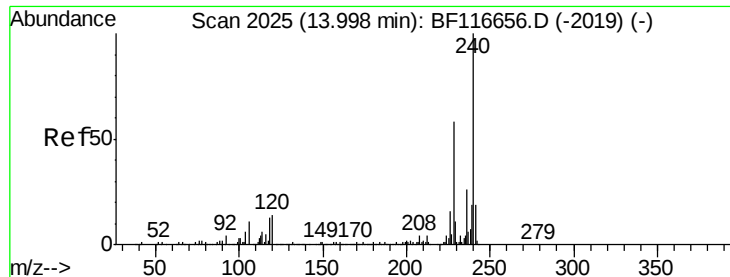


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





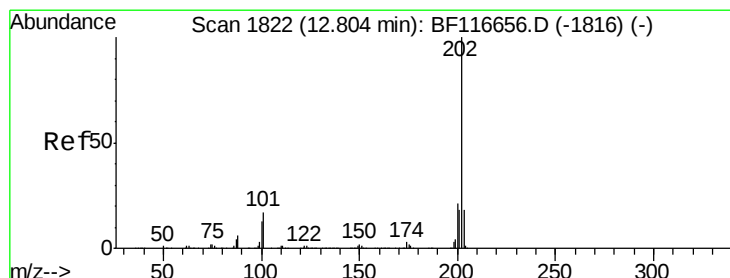
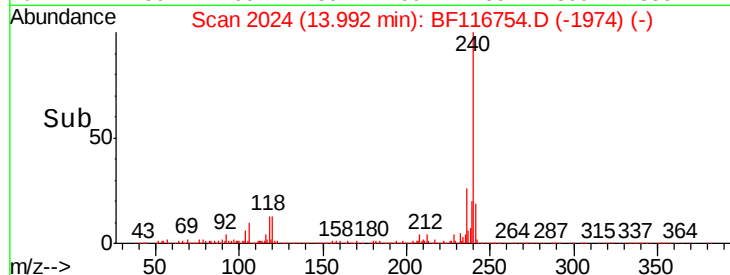
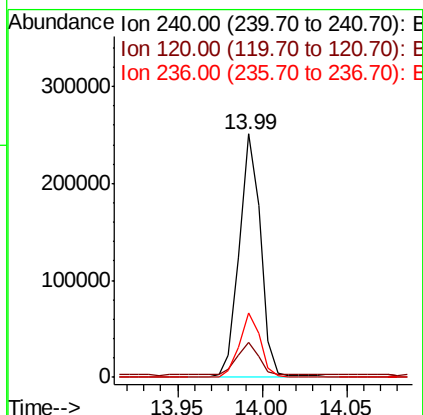
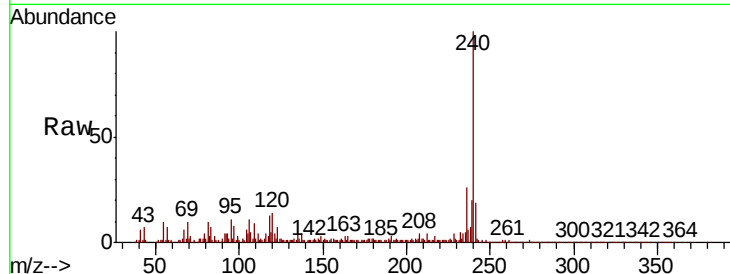
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
T7-S-G1-G4

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.4	9.1	13.7	
236	26.4	21.1	31.7	

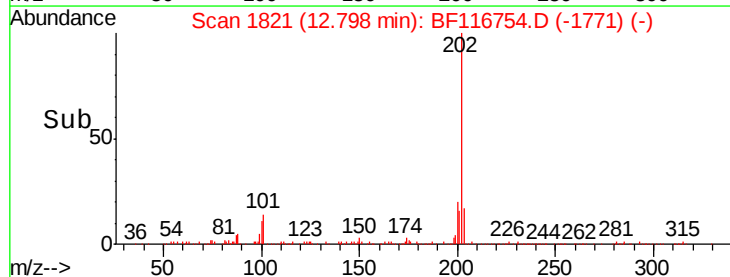
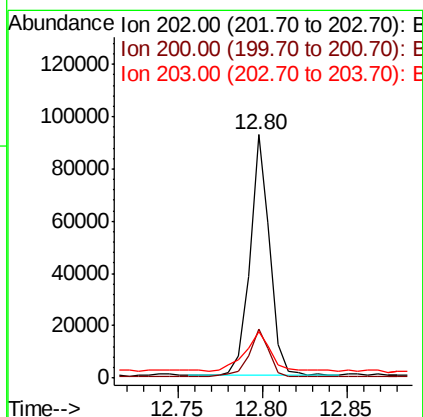
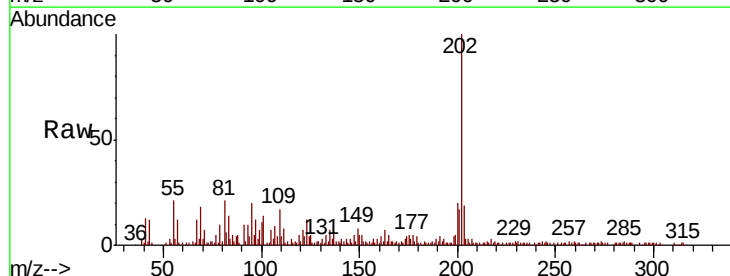
Manual Integrations
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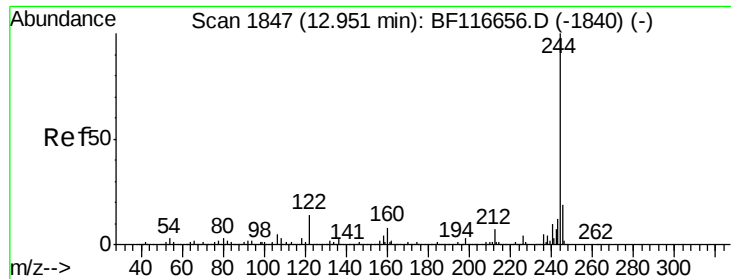
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#78
Pyrene
Concen: 3.869 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	16.5	24.7	
203	19.1	13.7	20.5	





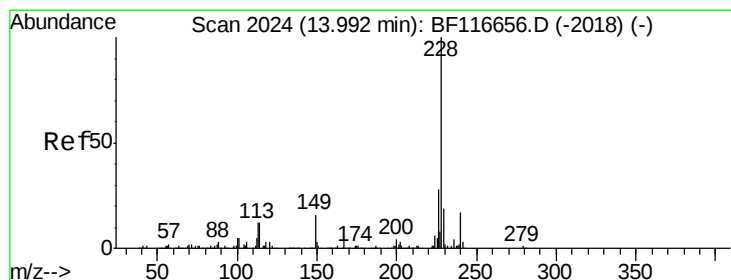
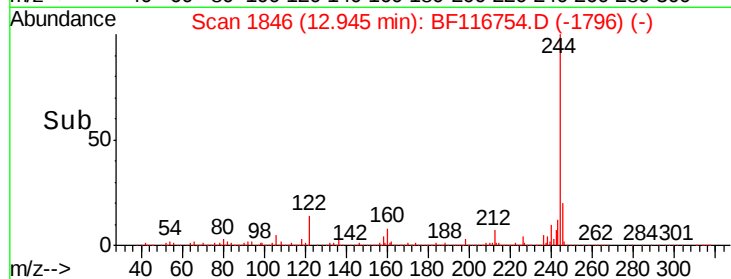
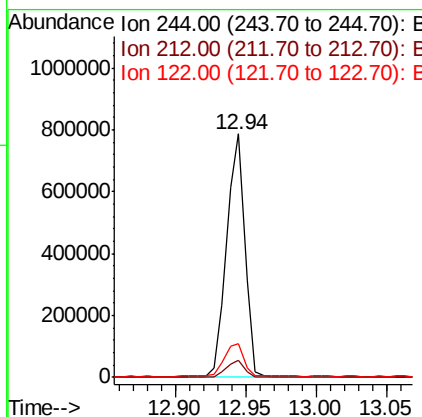
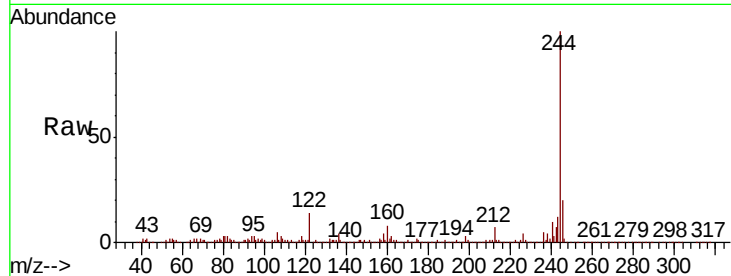
#79
 Terphenyl-d14
 Concen: 59.865 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116754.D
 Acq: 1 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 T7-S-G1-G4

Tot Ion	Ratio	Resp	Lower	Upper
244	100	707596		
212	6.9		6.1	9.1
122	13.9		10.2	15.4

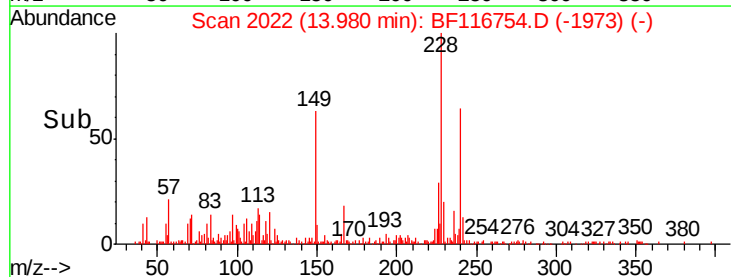
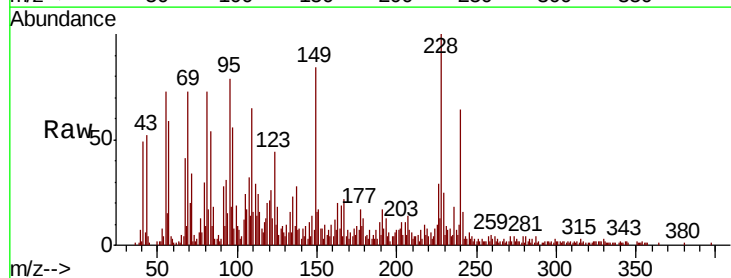
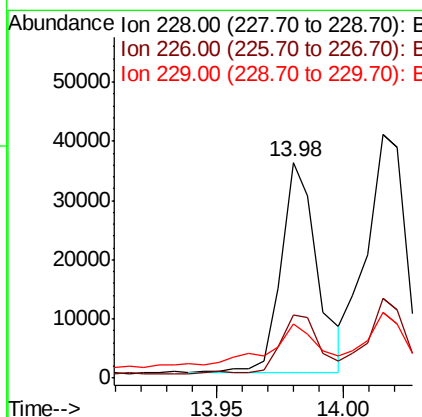
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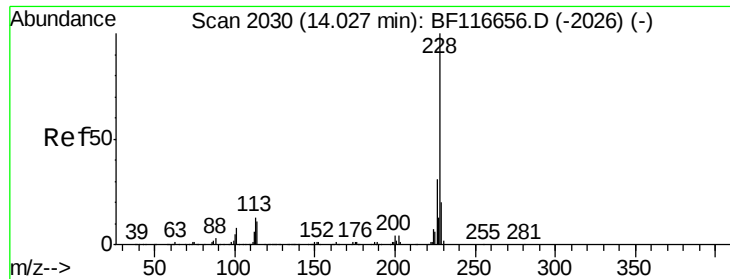
mohammad
 9/5/2019 9:54:53 AM



#81
 Benzo(a)anthracene
 Concen: 2.596 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116754.D
 Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	35923		
226	29.5		22.0	33.0
229	25.1		16.4	24.6





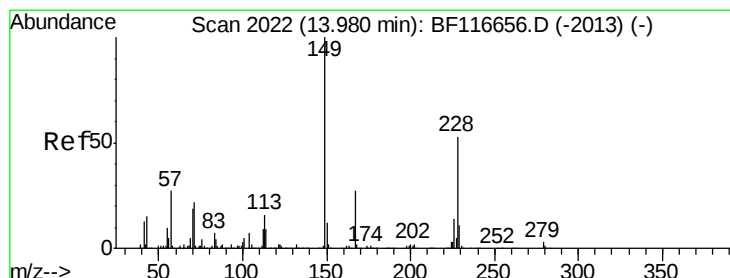
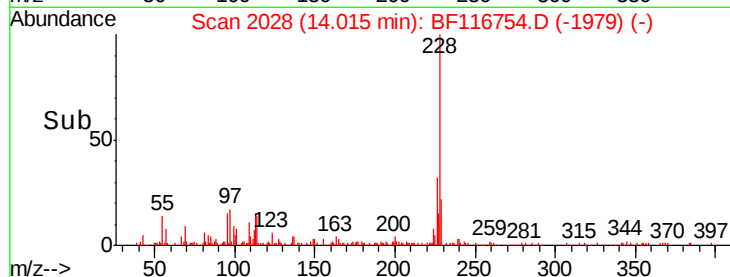
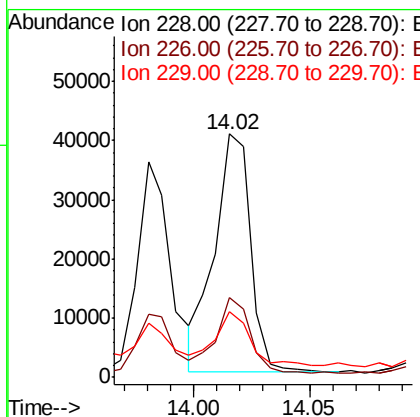
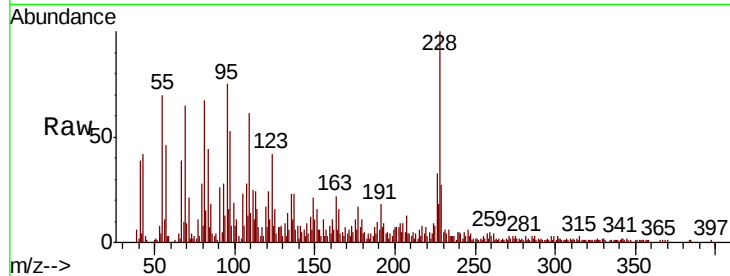
#83
 Chrvsene
 Concen: 3.047 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116754.D
 Acq: 1 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 T7-S-G1-G4

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	26.9	15.4	23.0

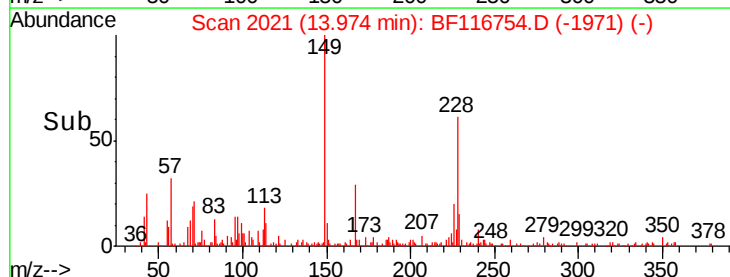
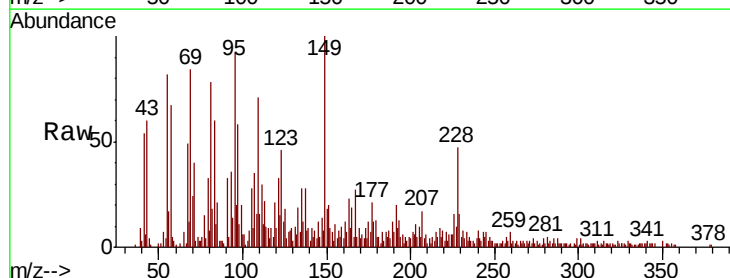
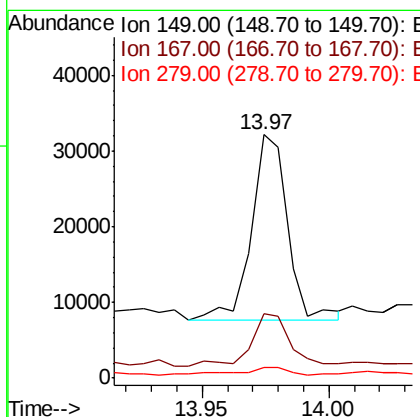
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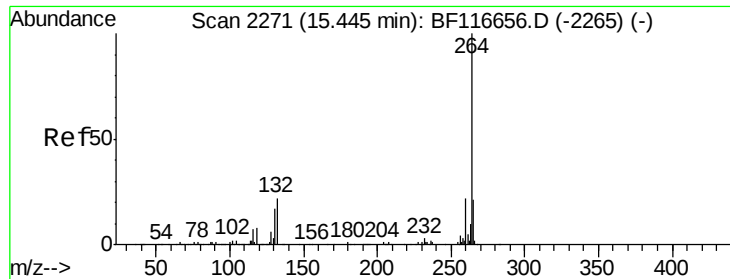
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.091 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116754.D
 Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	4.3	2.8	4.2





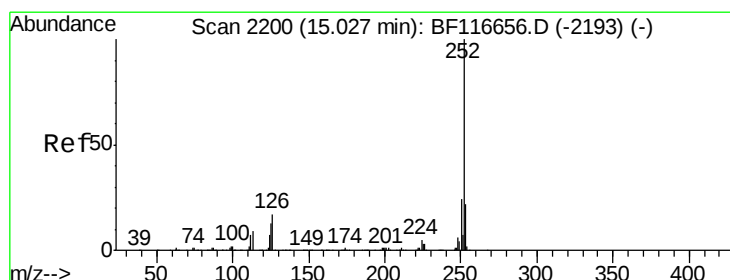
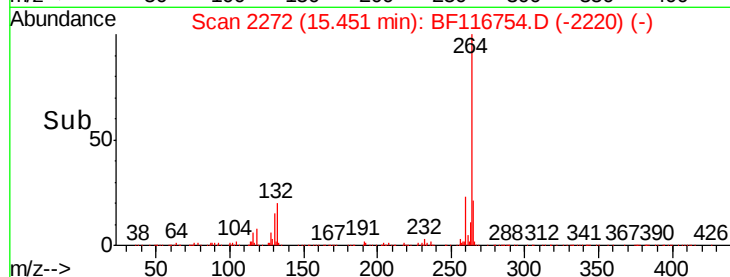
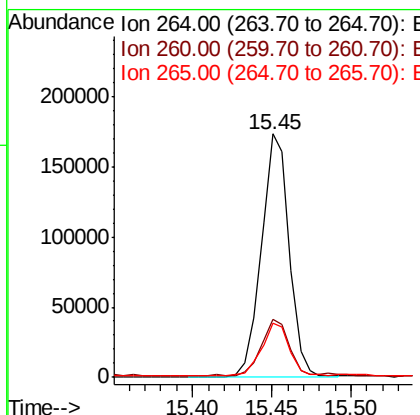
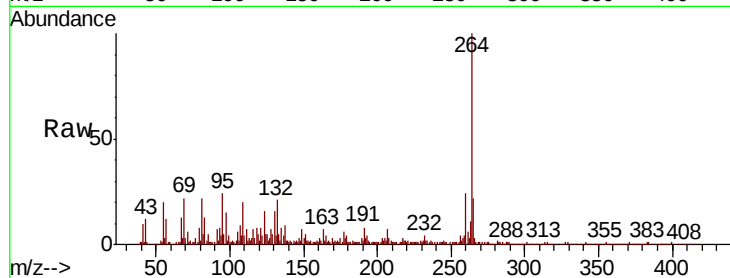
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
T7-S-G1-G4

Tot Ion:	264	Resp:	211896
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.3	27.5
265	22.0	16.5	24.7

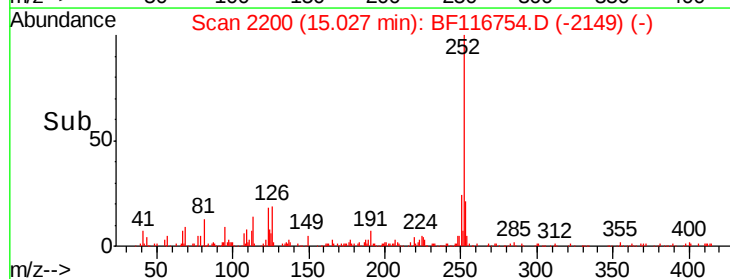
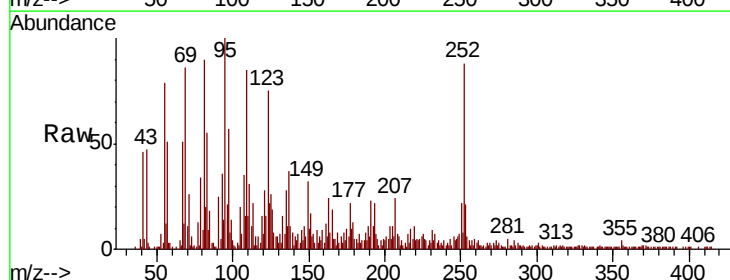
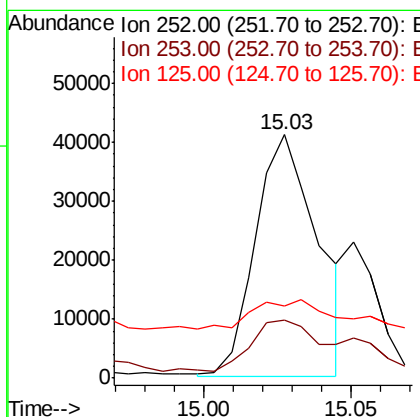
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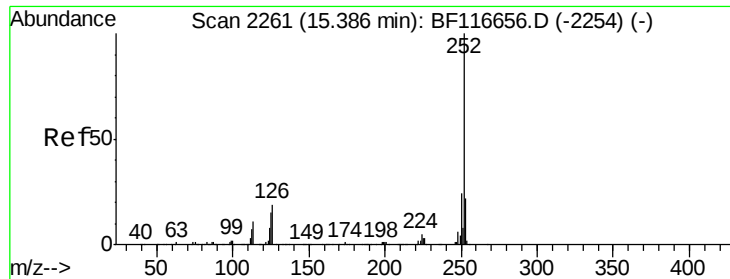
mohammad
9/5/2019 9:54:53 AM



#88
Benzo(b)fluoranthene
Concen: 4.678 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion:	252	Resp:	59926
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	29.5	8.2	12.2#





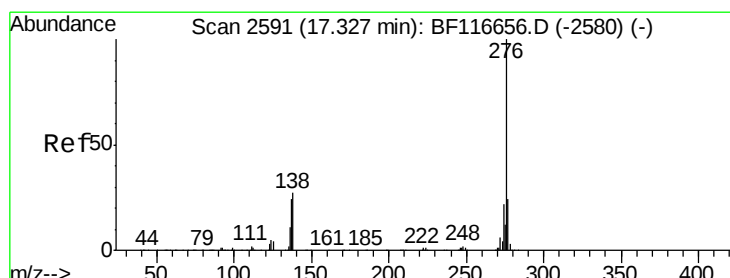
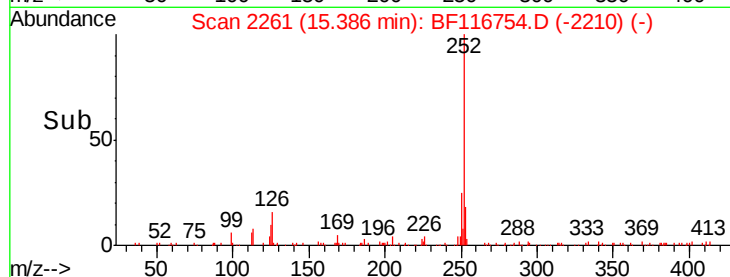
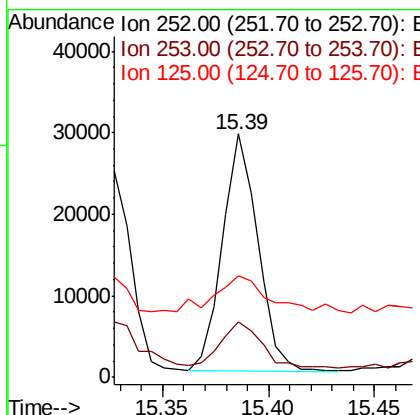
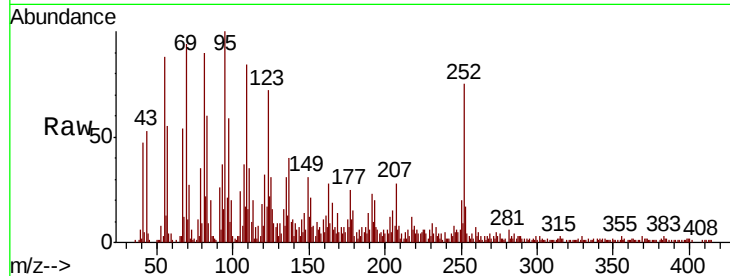
#90
Benzo(a)pyrene
Concen: 3.026 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :
T7-S-G1-G4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	41.7	9.8	14.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.058 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116754.D
Acq: 1 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.5	27.7
138	37.5	16.2	24.2

