

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111999.D
 Acq On : 10 Jan 2019 20:37
 Operator : JU/SJ
 Sample : K1058-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-(1-10)-COMP

Manual Integrations
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Sohil
 1/11/2019 4:42:57 PM

Quant Time: Jan 11 01:57:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85168	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	294492	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	128283	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	241560	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	255328	20.00	ng	-0.02
87) Perylene-d12	15.52	264	178903	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	263895	53.01	ng	-0.02
7) Phenol-d6	6.51	99	328323	51.17	ng	-0.02
23) Nitrobenzene-d5	7.43	82	198995	36.11	ng	-0.03
42) 2,4,6-Tribromophenol	10.70	330	80074	47.99	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	361619	41.11	ng	-0.02
79) Terphenyl-d14	12.98	244	417435	31.03	ng	-0.02
Target Compounds						
10) Phenol	6.52	94	17459	2.504	ng	Qvalue 87
50) Dimethylphthalate	9.62	163	36565	3.794	ng	98
71) Phenanthrene	11.42	178	56561	4.379	ng	99
75) Fluoranthene	12.61	202	115055	8.678	ng	96
78) Pyrene	12.84	202	110676	6.300	ng	99
80) Butylbenzylphthalate	13.45	149	18835	2.536	ng	96
81) Benzo(a)anthracene	14.03	228	59953	4.080	ng	96
83) Chrysene	14.06	228	59802m	4.268	ng	
84) Bis(2-ethylhexyl)phthalate	14.02	149	24281	2.489	ng	# 97
86) Indeno(1,2,3-cd)pyrene	17.00	276	26241	2.569	ng	94
88) Benzo(b)fluoranthene	15.09	252	67100m	6.270	ng	
89) Benzo(k)fluoranthene	15.10	252	28923m	2.875	ng	
90) Benzo(a)pyrene	15.46	252	37714	4.008	ng	# 87
92) Benzo(a,h,i)perylene	17.45	276	26115	3.528	ng	# 89

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

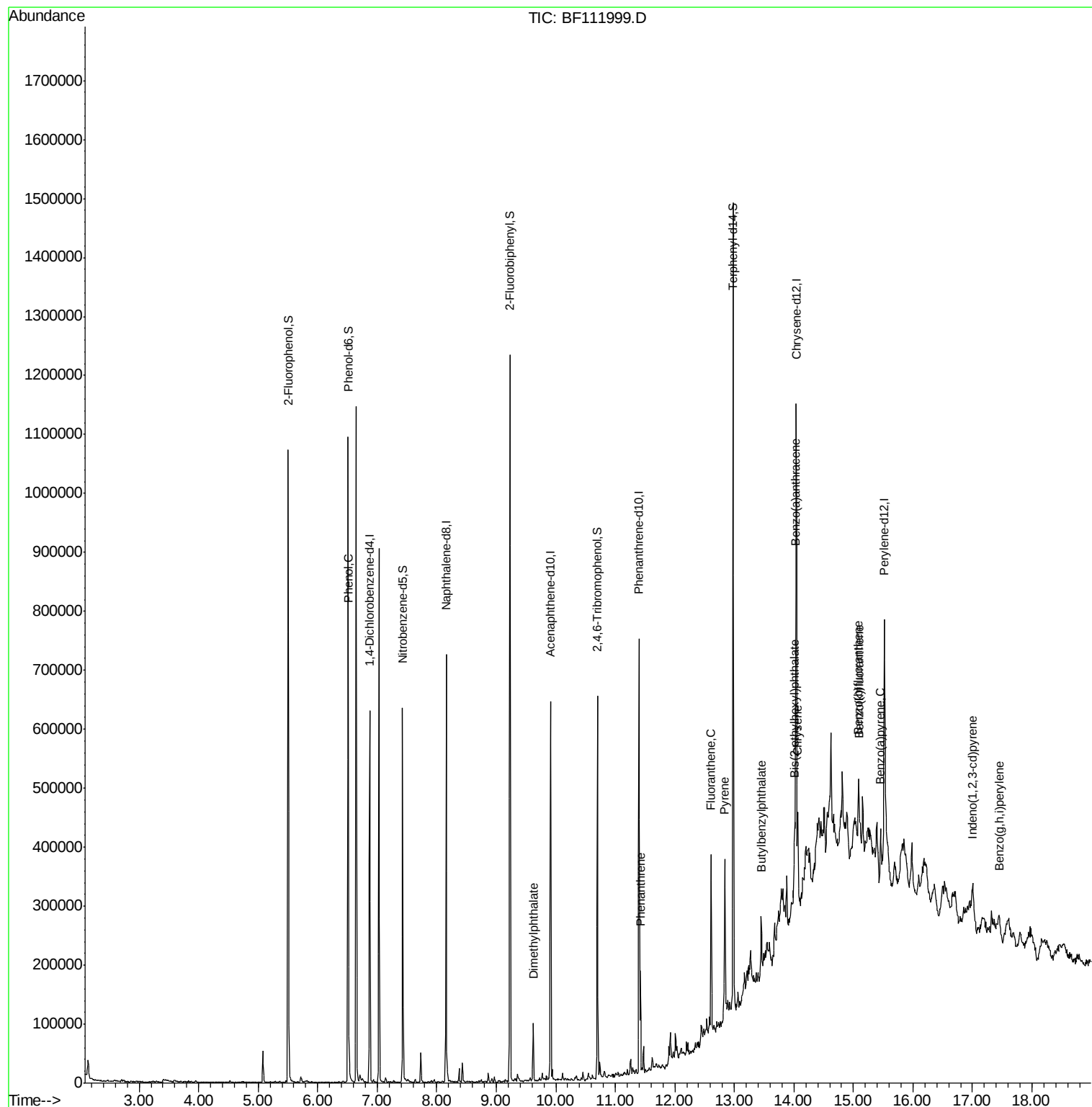
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111999.D
Acq On : 10 Jan 2019 20:37
Operator : JU/SJ
Sample : K1058-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

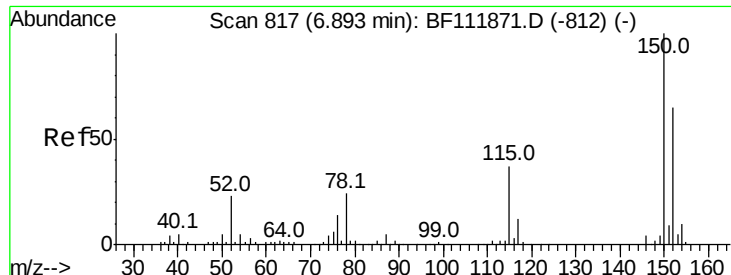
Instrument :
BNA_F
ClientSampled :
TP-(1-10)-COMP

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Quant Time: Jan 11 01:57:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration





#1

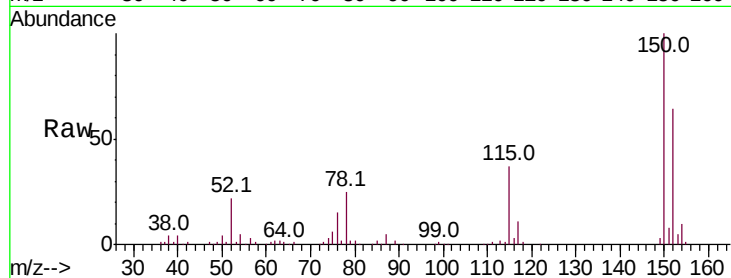
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	57.7	45.2	67.8

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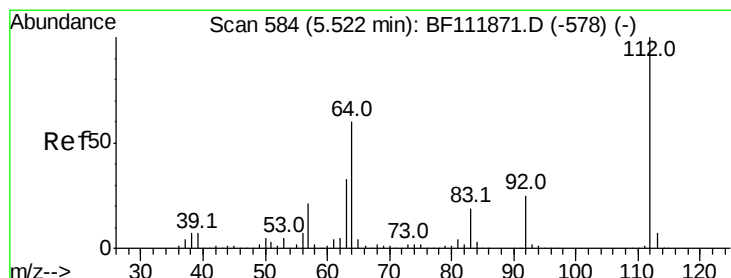
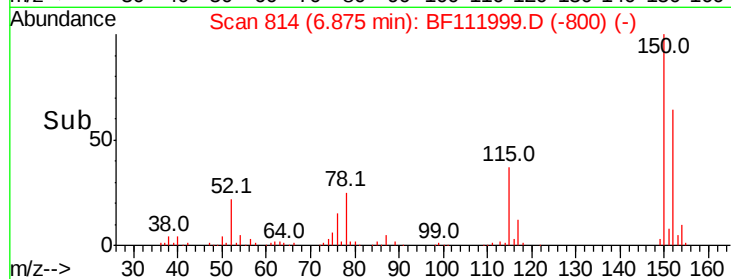
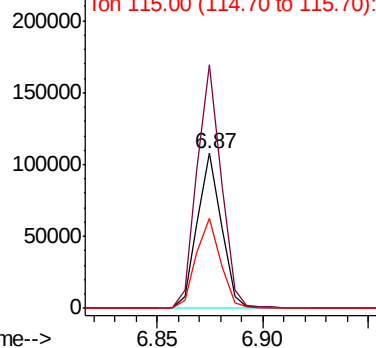


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

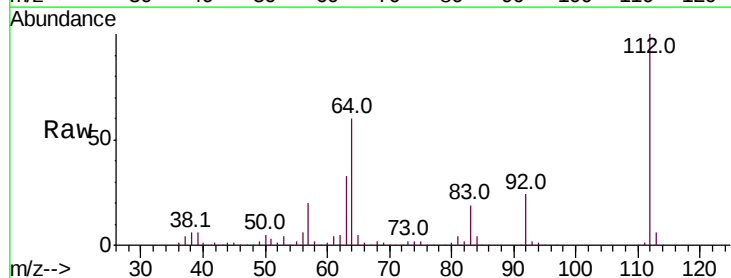
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.010 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.3	72.5
63	32.7	26.1	39.1

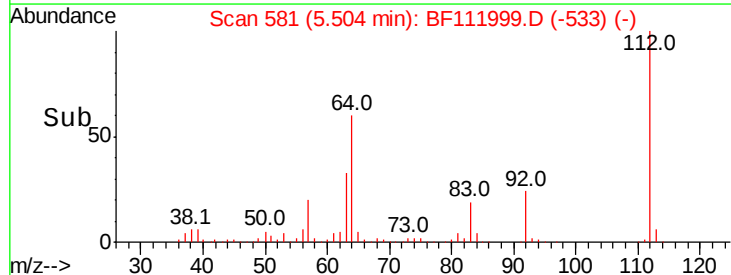
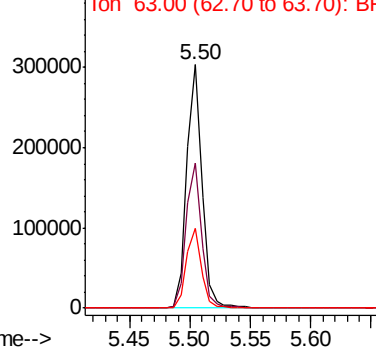


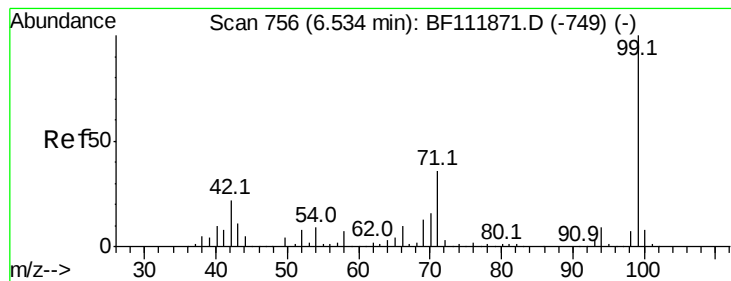
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.170 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF111999.D

Acq: 10 Jan 2019 20:37

Instrument :

BNA_F

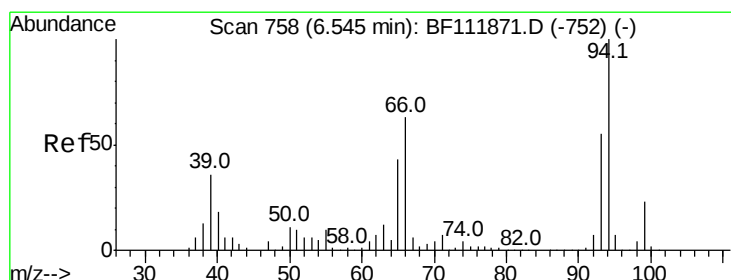
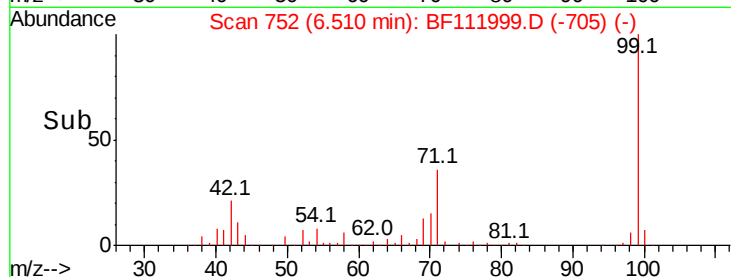
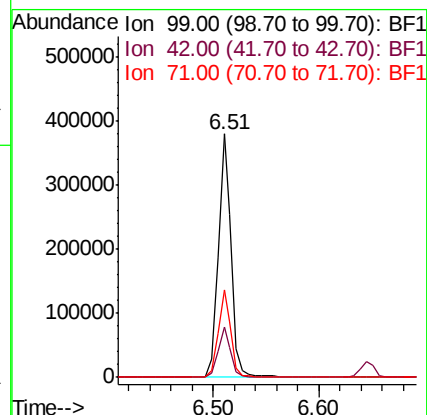
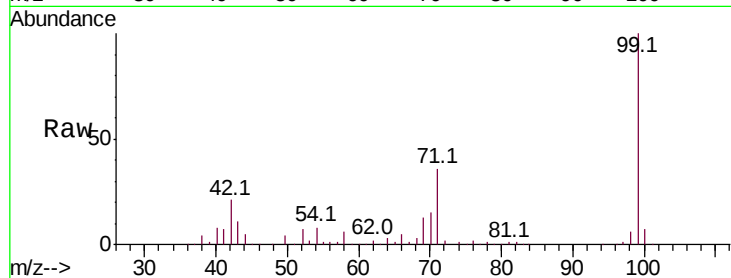
ClientSampleId :

TP-(1-10)-COMP

Tot Ion:	99	Resp:	328323
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.9	26.9
71	36.1	28.7	43.1

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#10

Phenol

Concen: 2.504 ng

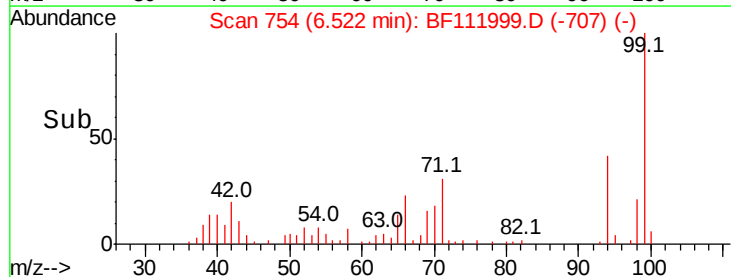
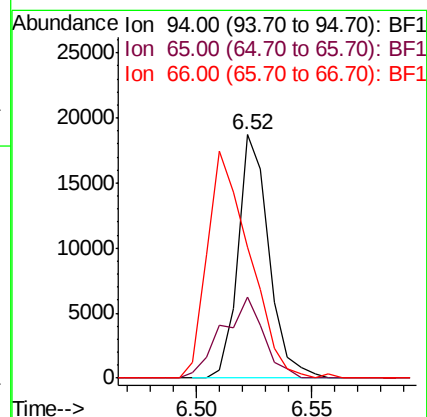
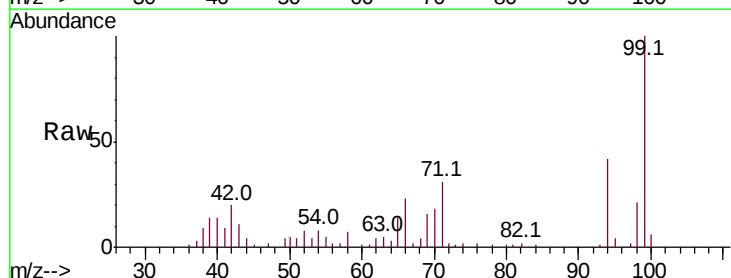
RT: 6.52 min Scan# 754

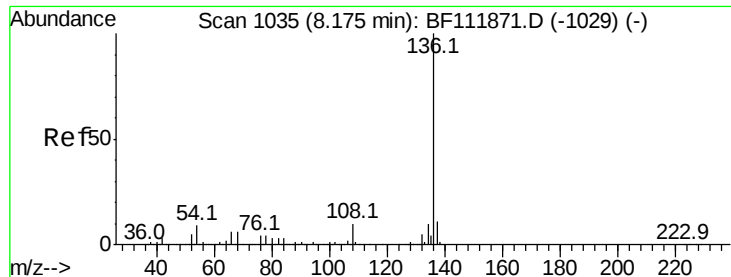
Delta R.T. -0.02 min

Lab File: BF111999.D

Acq: 10 Jan 2019 20:37

Tgt Ion:	94	Resp:	17459
Ion	Ratio	Lower	Upper
94	100		
65	33.1	22.8	62.8
66	53.8	43.3	83.3





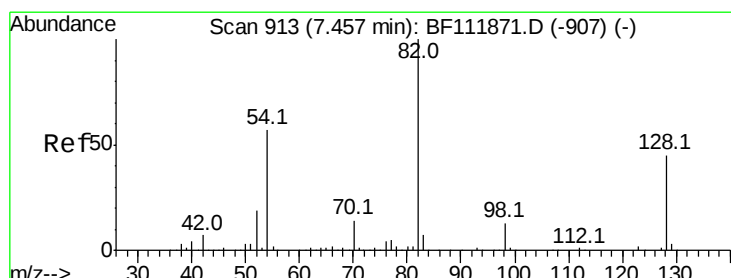
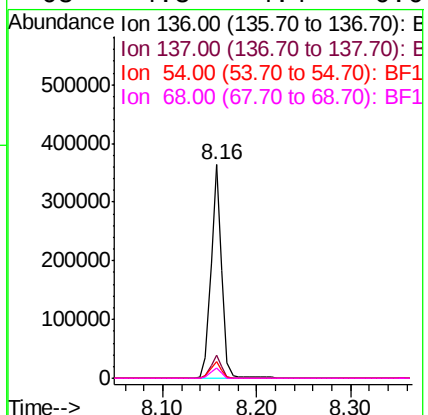
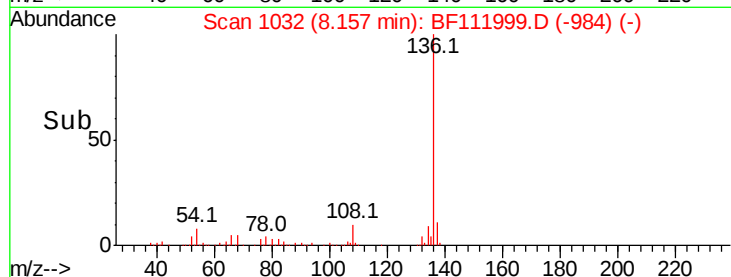
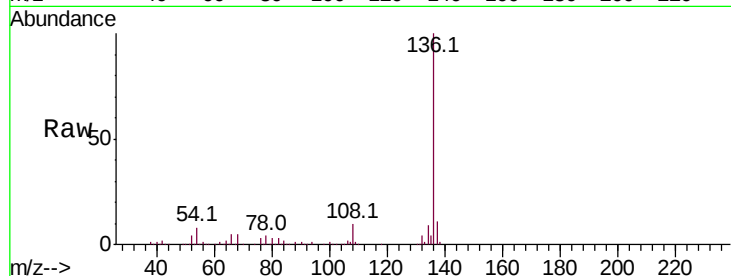
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	294492		
137	11.0	9.1	13.7	
54	7.7	7.2	10.8	
68	4.8	4.4	6.6	

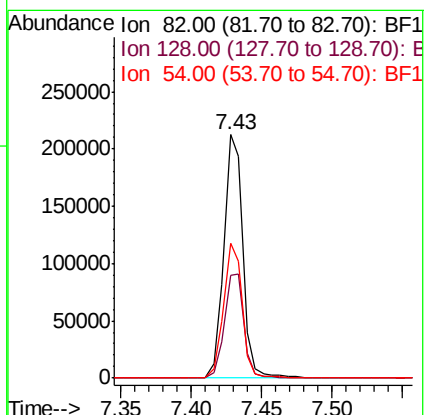
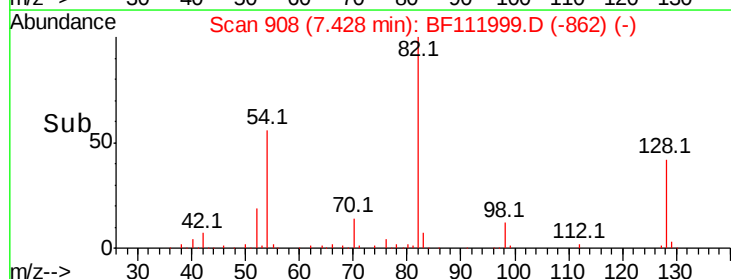
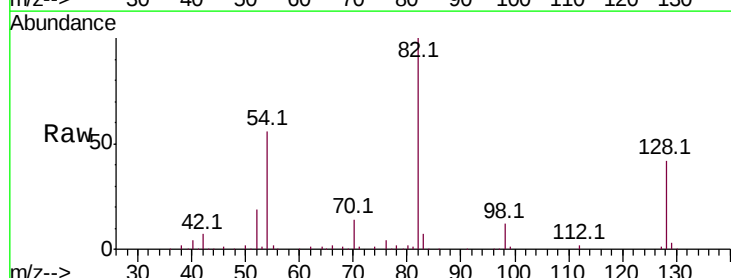
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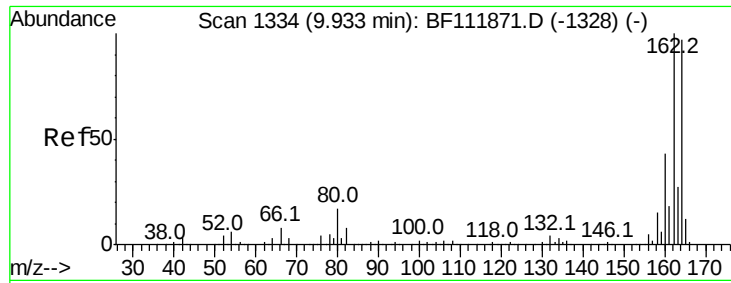
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#23
Nitrobenzene-d5
Concen: 36.114 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	198995		
128	42.3	35.7	53.5	
54	55.5	45.8	68.8	





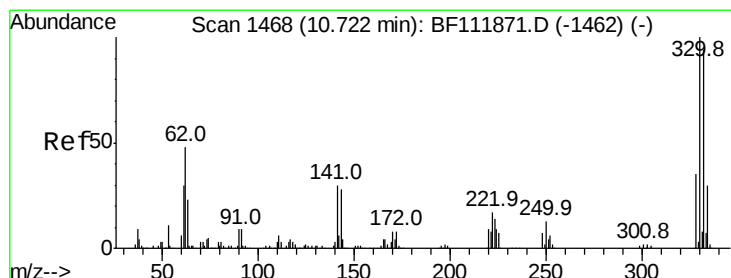
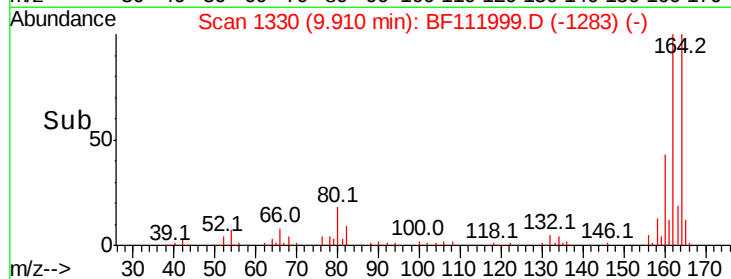
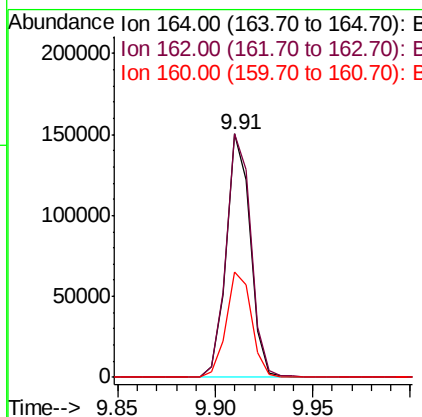
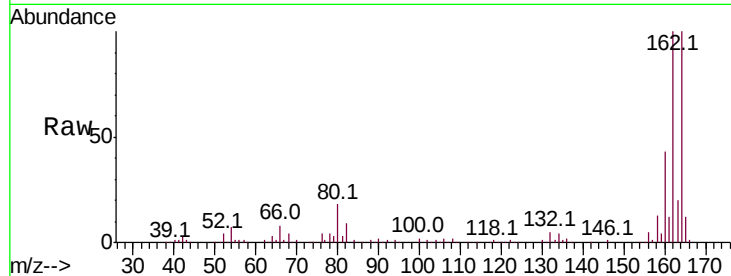
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.2
160	43.3	35.5	53.3

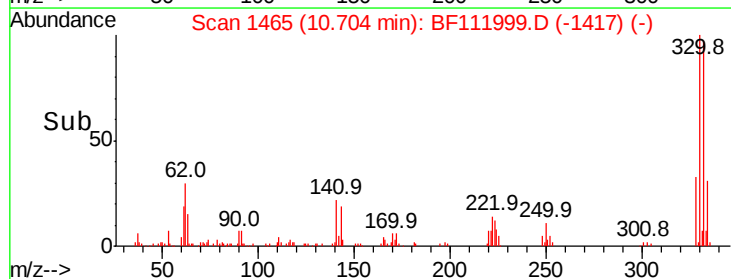
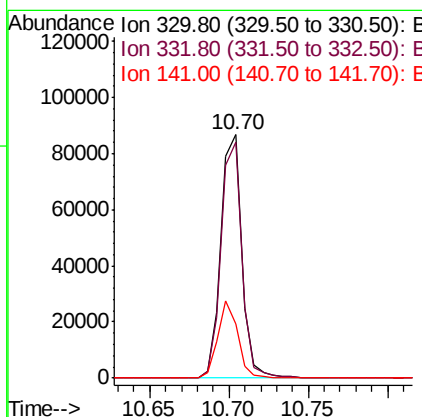
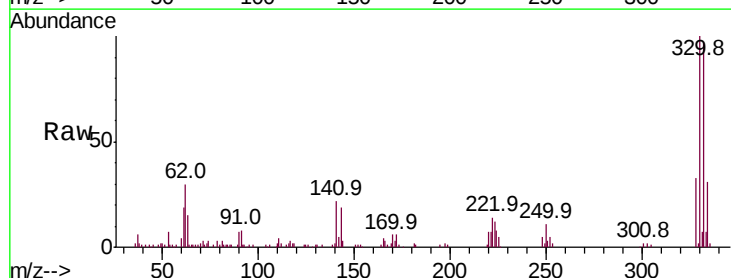
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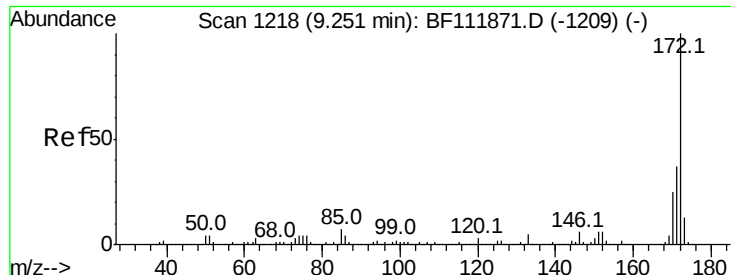
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#42
2,4,6-Tribromophenol
Concen: 47.990 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	29.9	23.7	35.5





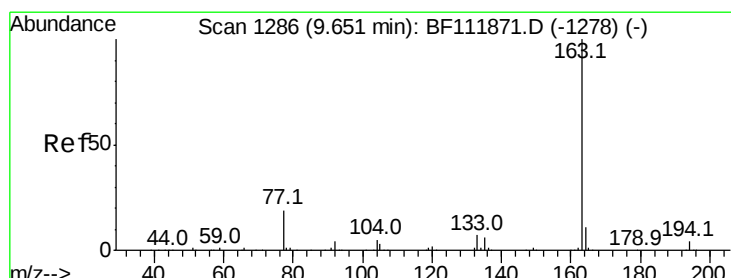
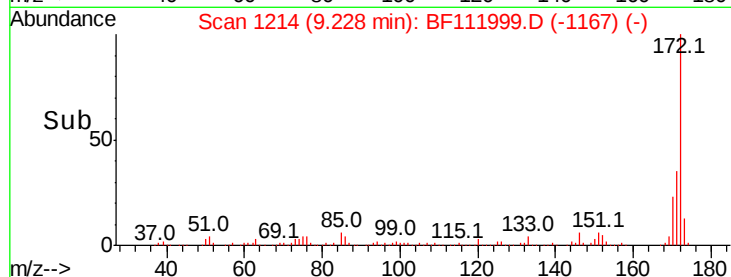
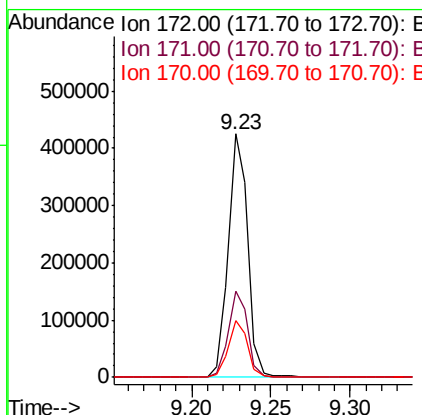
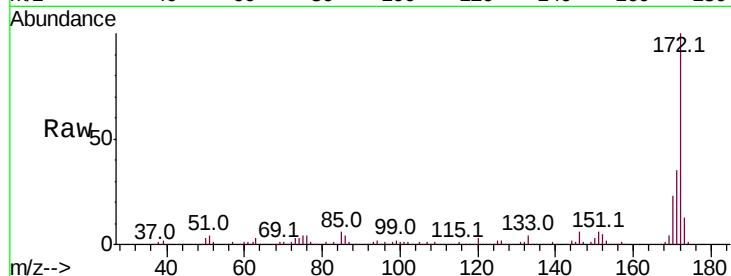
#45
2-Fluorobiphenyl
Concen: 41.105 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	23.4	19.8	29.8	

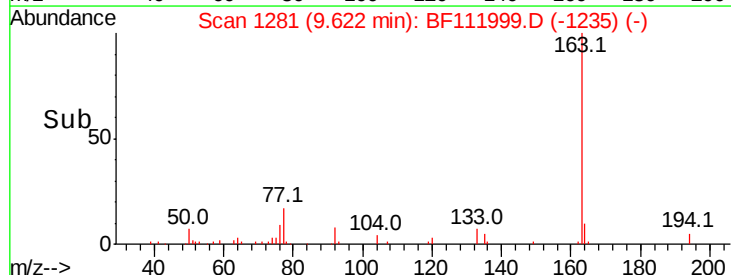
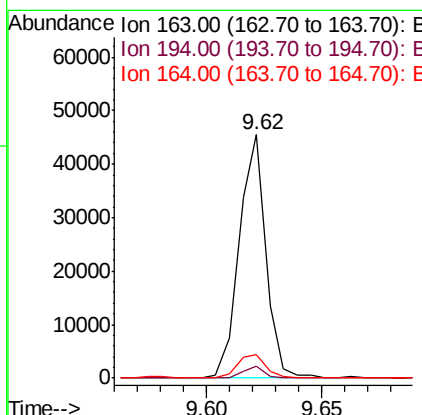
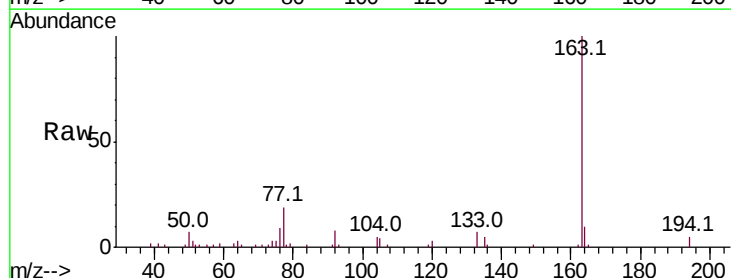
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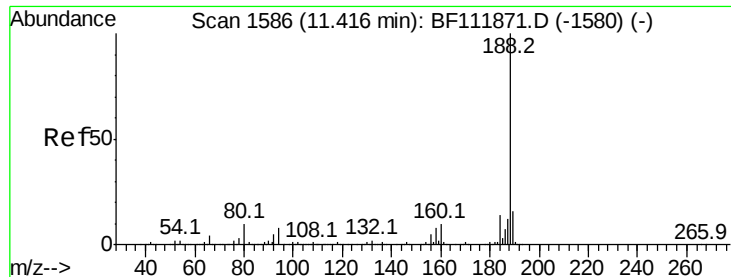
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#50
Dimethylphthalate
Concen: 3.794 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7	3.4	5.2	
164	9.6	8.5	12.7	





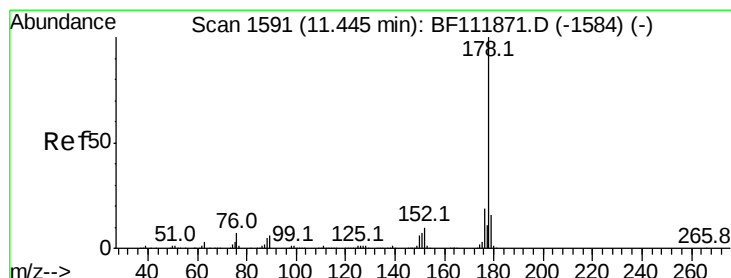
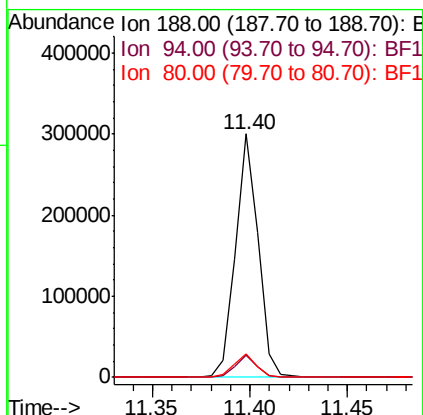
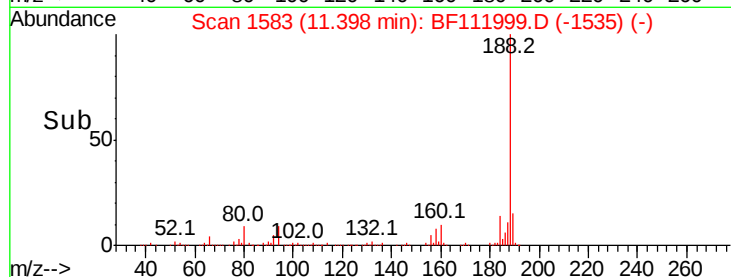
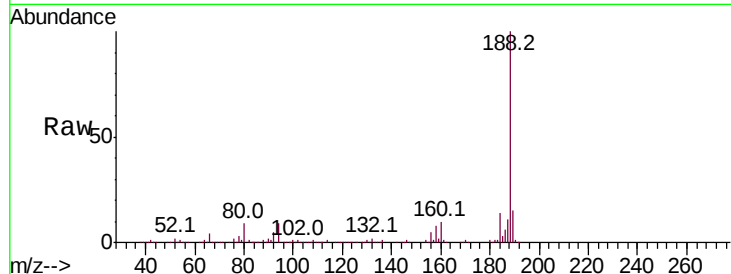
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	241560		
94	9.1	6.6	10.0	
80	9.5	7.7	11.5	

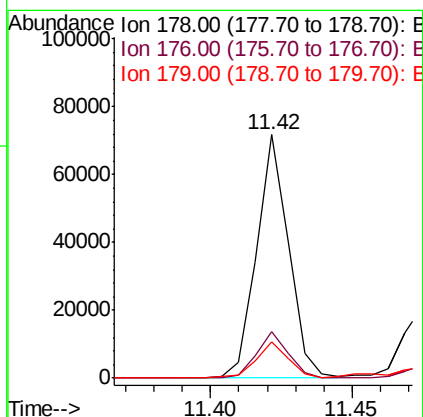
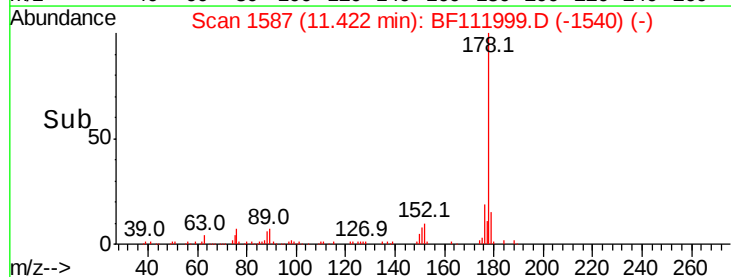
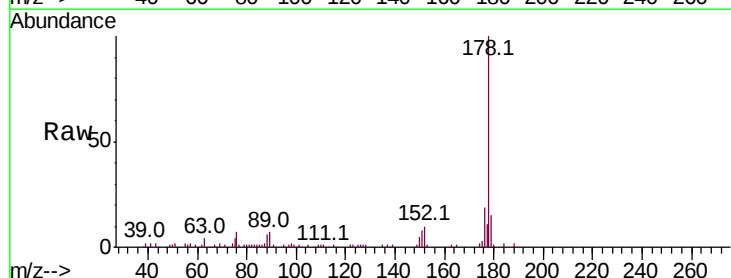
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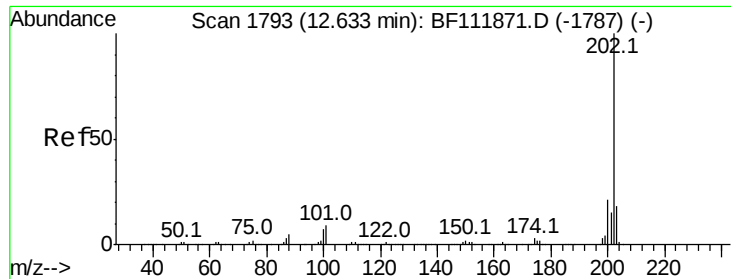
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#71
Phenanthrene
Concen: 4.379 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	56561		
176	19.3	15.6	23.4	
179	14.7	12.6	18.8	





#75

Fluoranthene

Concen: 8.678 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF111999.D

Acq: 10 Jan 2019 20:37

Instrument :

BNA_F

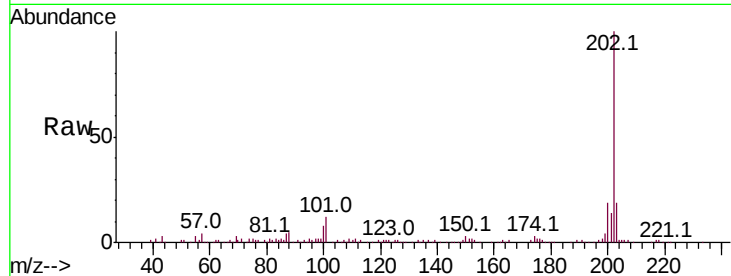
ClientSampleId :

TP-(1-10)-COMP

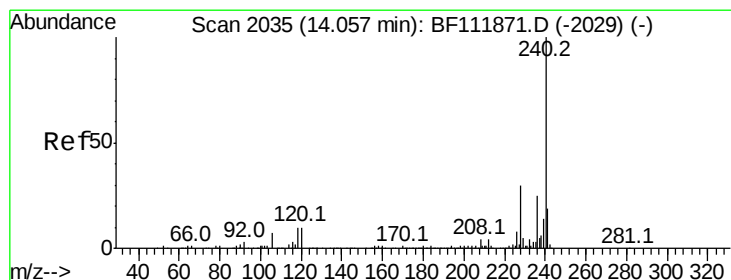
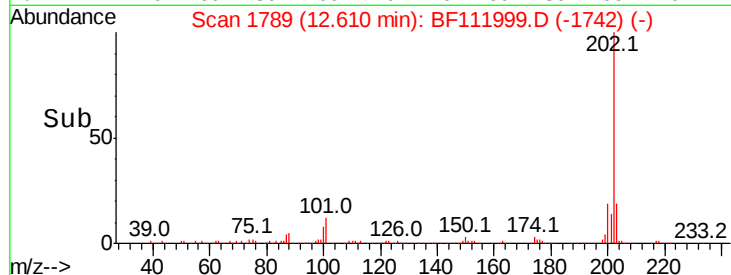
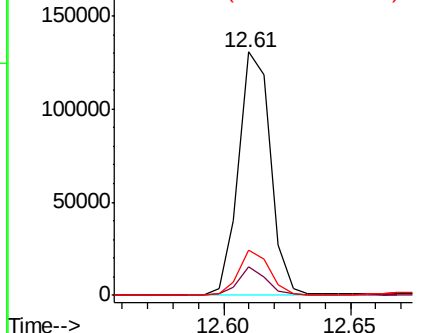
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	29.3
203	18.7	0.0	37.6

Manual Integrations
APPROVED

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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: 14.04 min Scan# 2032

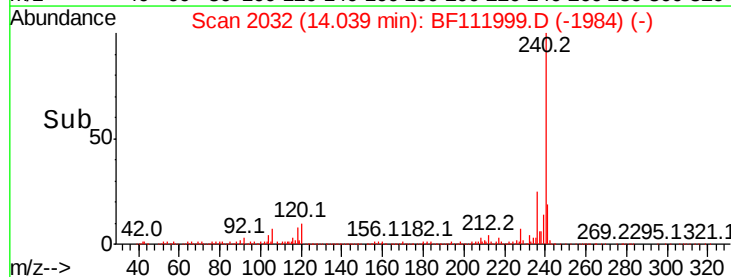
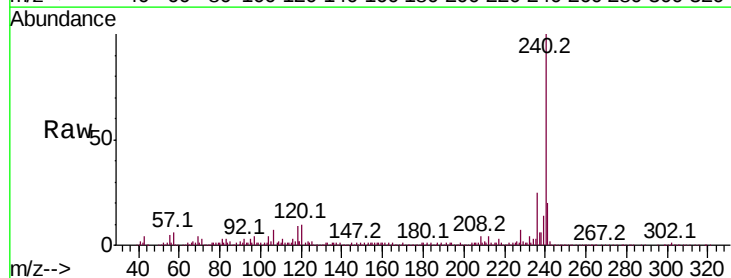
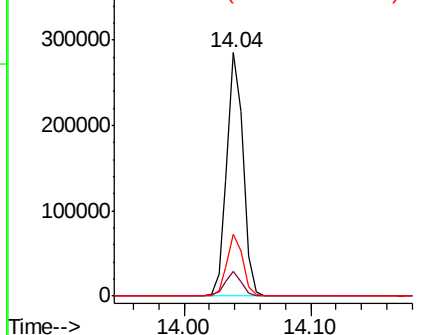
Delta R.T. -0.02 min

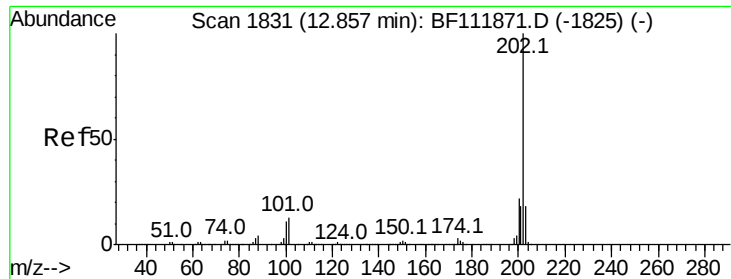
Lab File: BF111999.D

Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	8.2	12.2
236	25.2	20.2	30.4

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





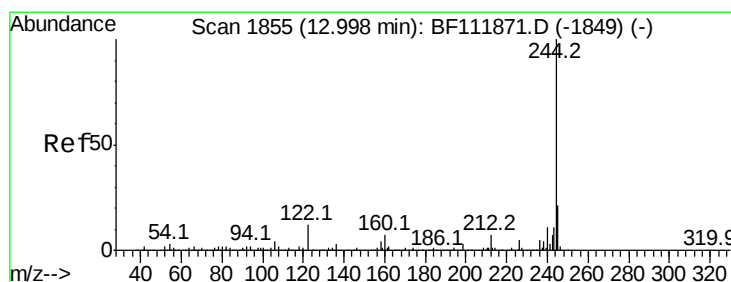
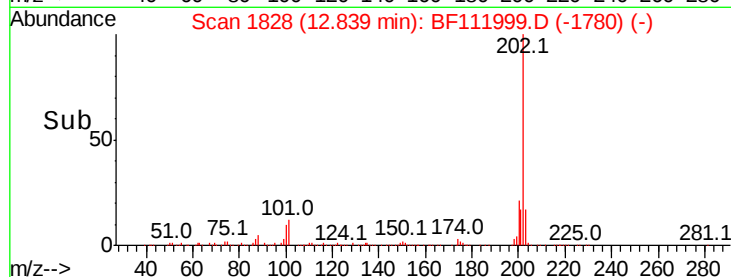
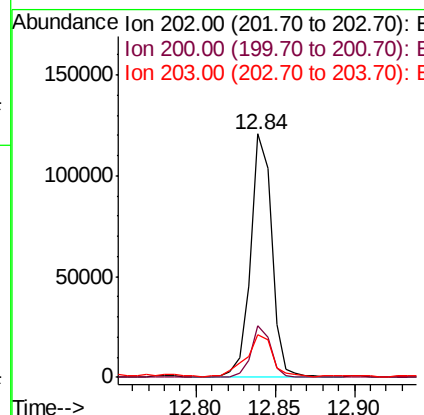
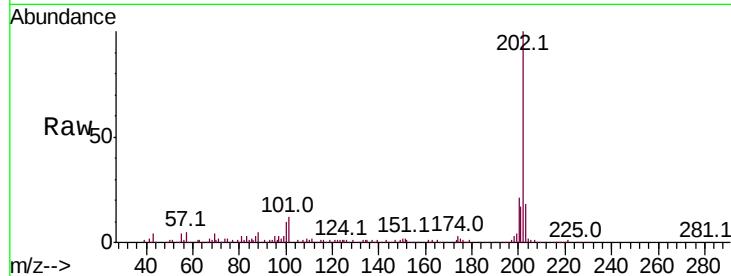
#78
Pvrene
Concen: 6.300 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.6	21.8

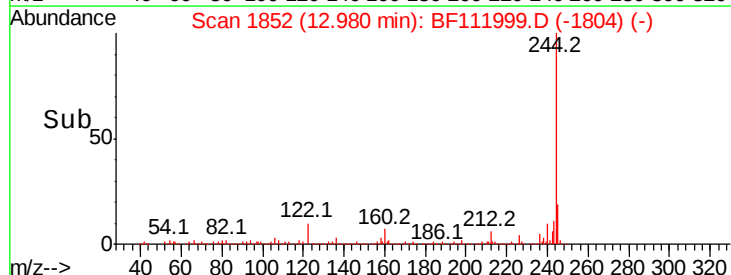
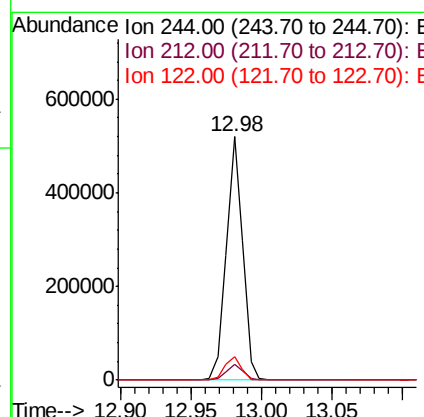
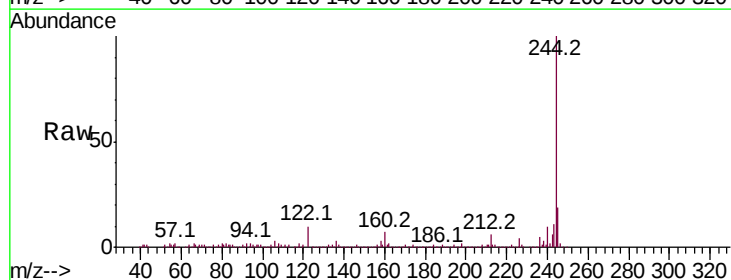
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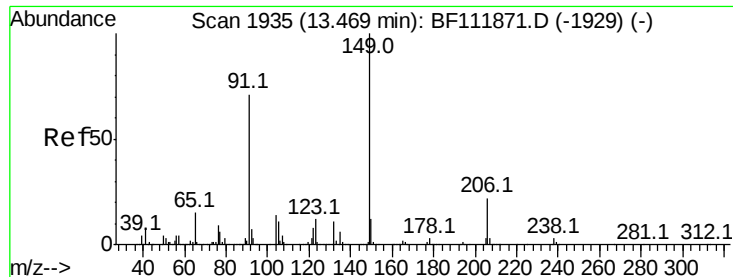
Sohil
1/11/2019 4:42:57 PM



#79
Terphenyl-d14
Concen: 31.034 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.6	9.5	14.3





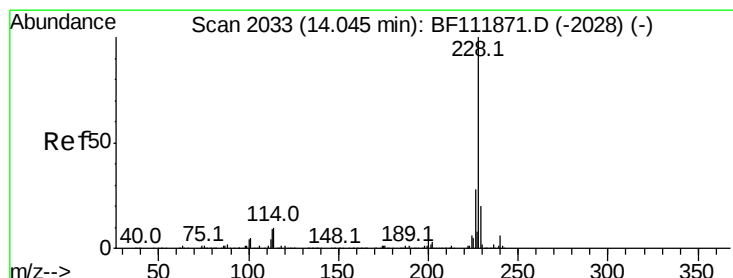
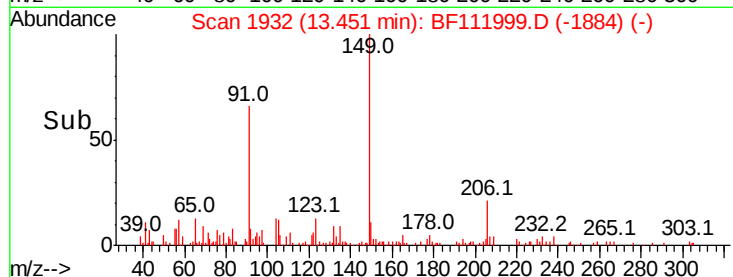
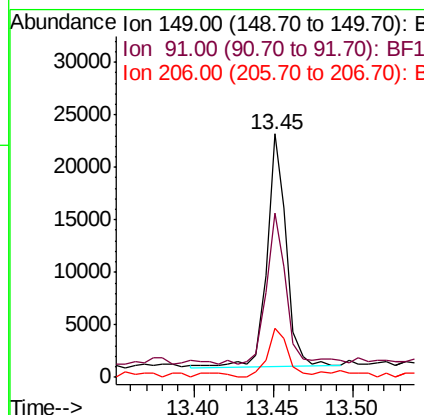
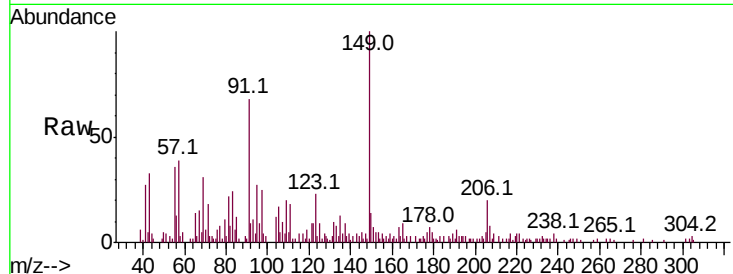
#80
Butylbenzylphthalate
Concen: 2.536 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	57.2	85.8
206	20.0	17.3	25.9

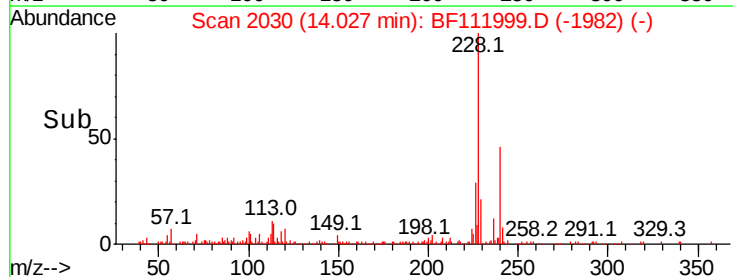
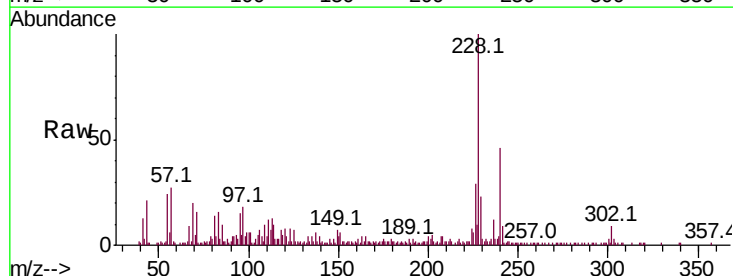
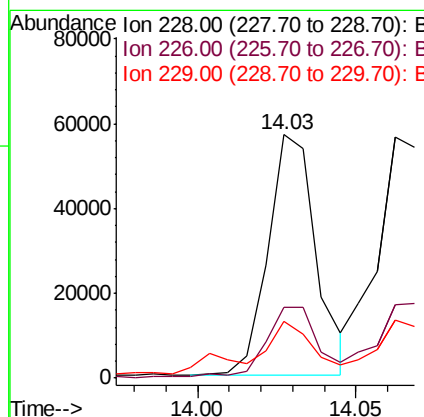
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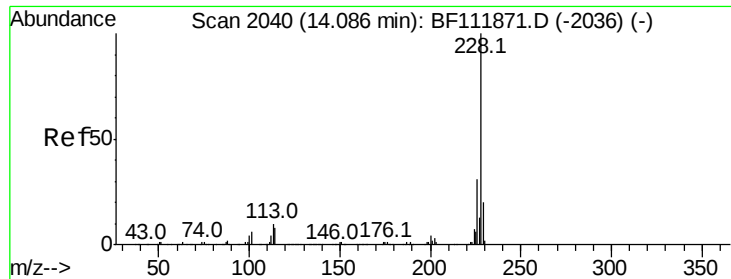
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#81
Benzo(a)anthracene
Concen: 4.080 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.2
229	23.0	16.2	24.2





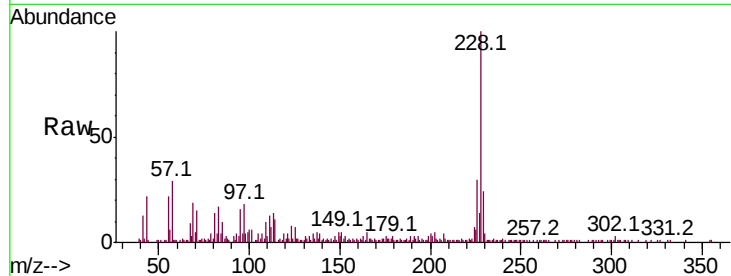
#83
 Chrysene
 Concen: 4.268 ng m
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF111999.D
 Acq: 10 Jan 2019 20:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	24.0	15.7	23.5

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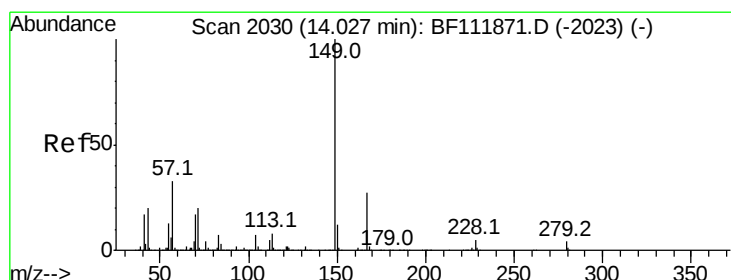
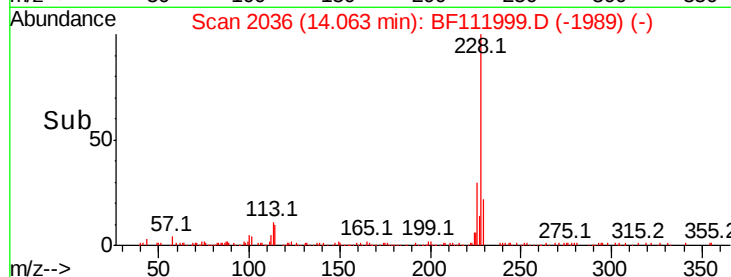
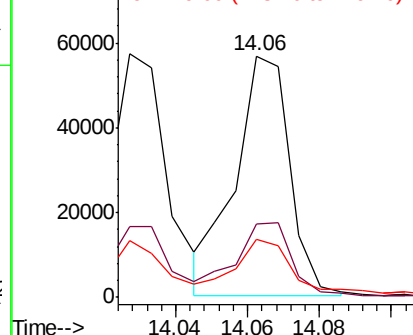


Abundance

Ion 228.00 (227.70 to 228.70): E

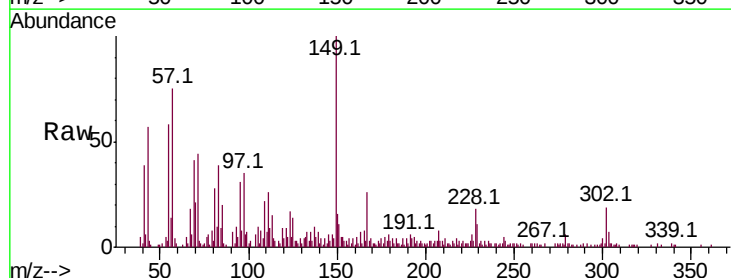
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.489 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF111999.D
 Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.5	32.3
279	5.9	3.0	4.6

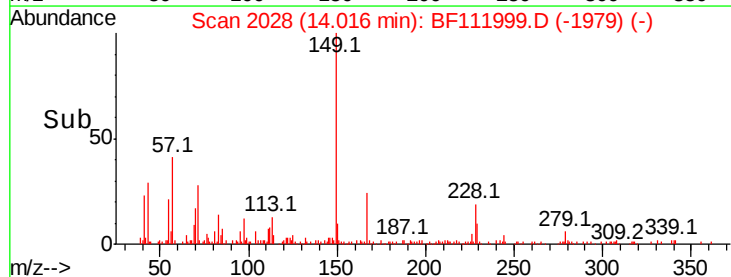
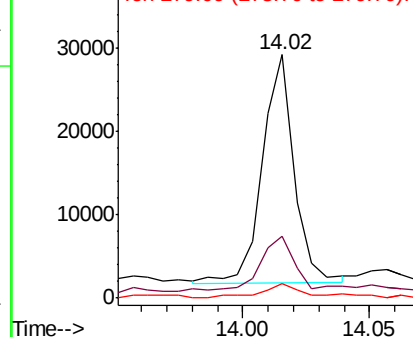


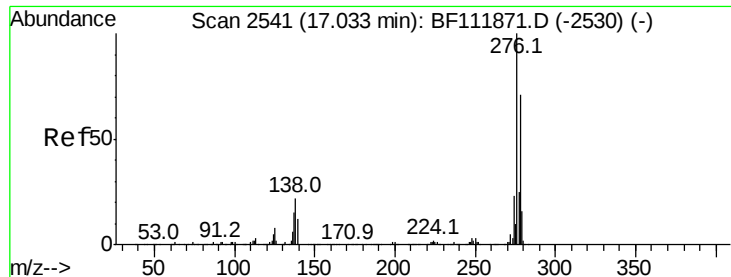
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





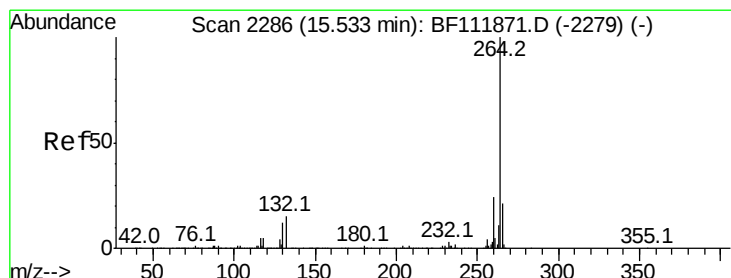
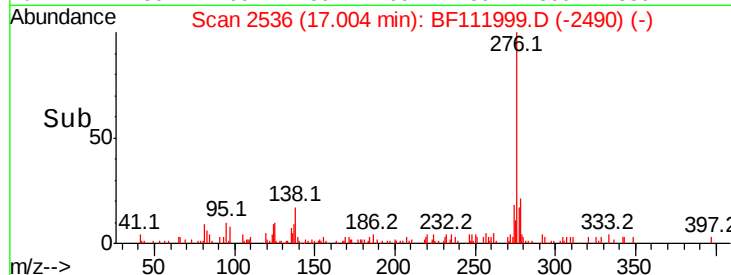
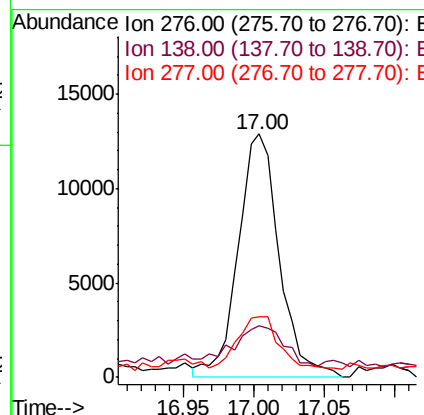
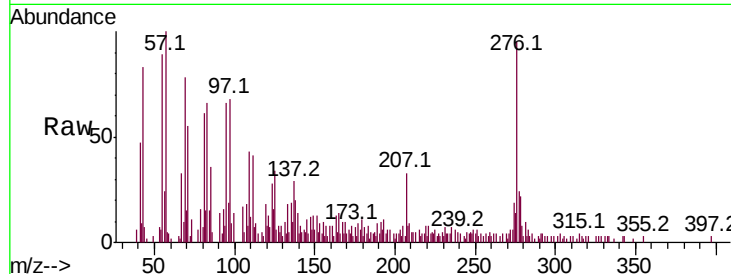
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.569 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.03 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.1	27.1
277	21.0	19.9	29.9

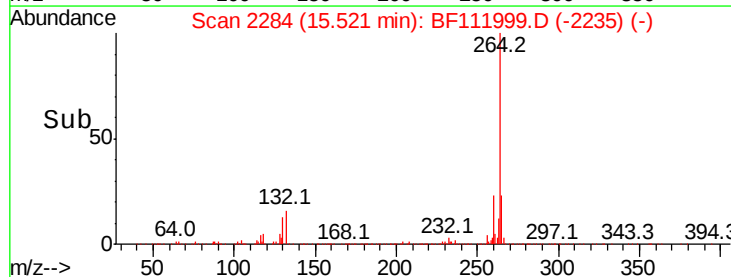
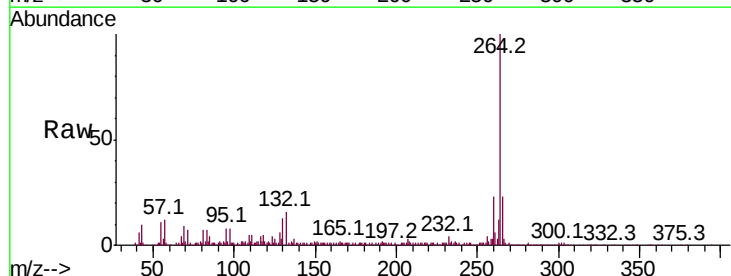
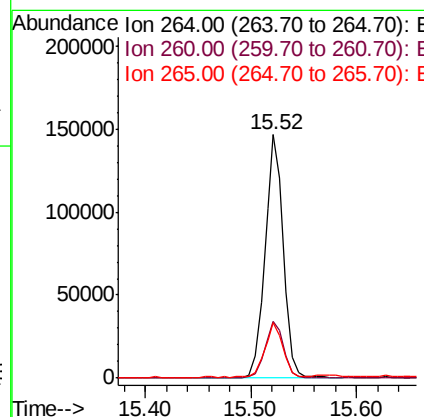
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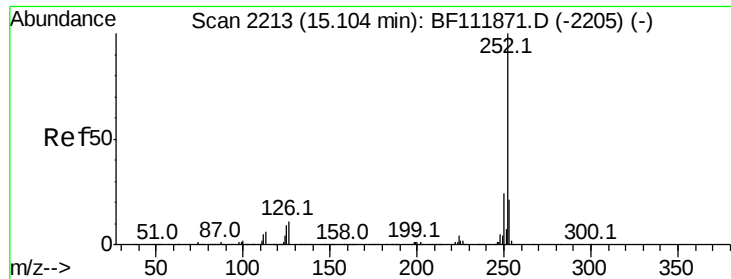
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1/11/2019 4:42:57 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.9	17.1	25.7





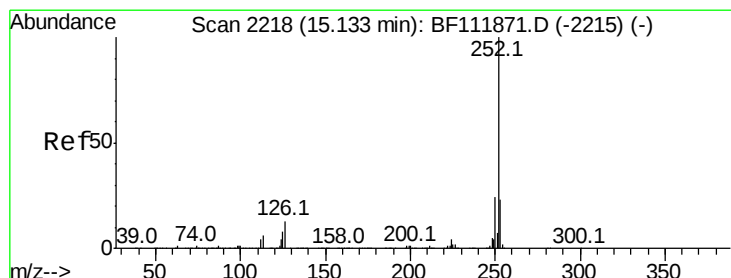
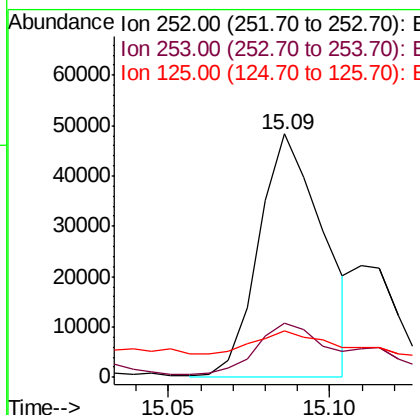
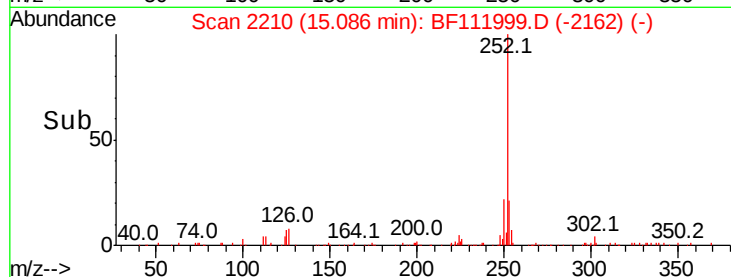
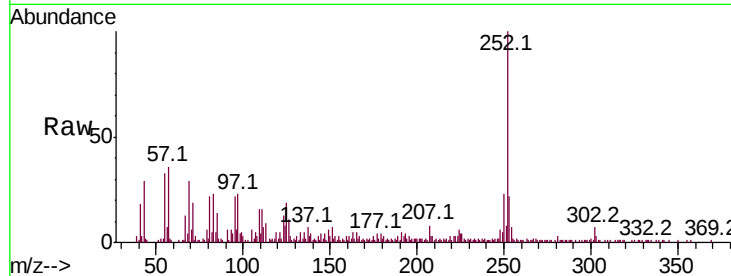
#88
Benzo(b)fluoranthene
Concen: 6.270 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	19.1	7.1	10.7

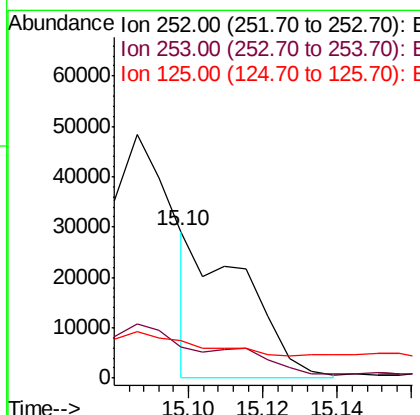
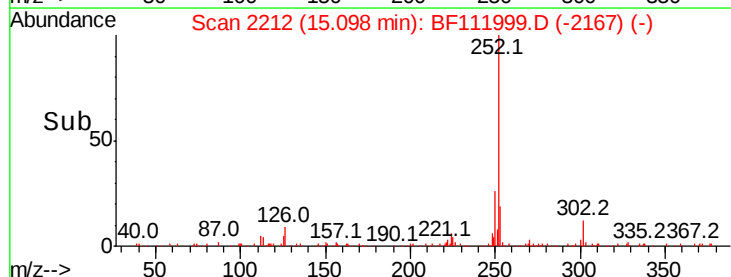
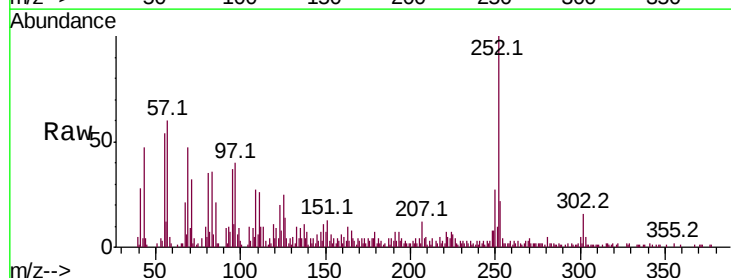
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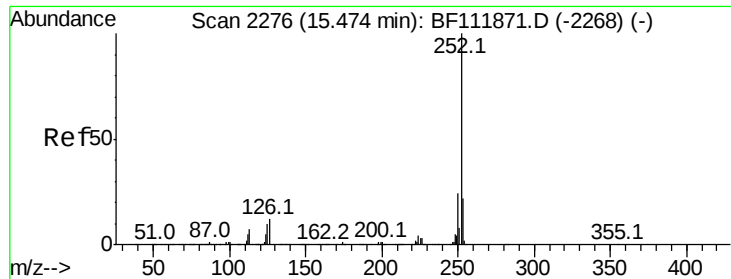
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.875 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	25.2	7.0	10.4





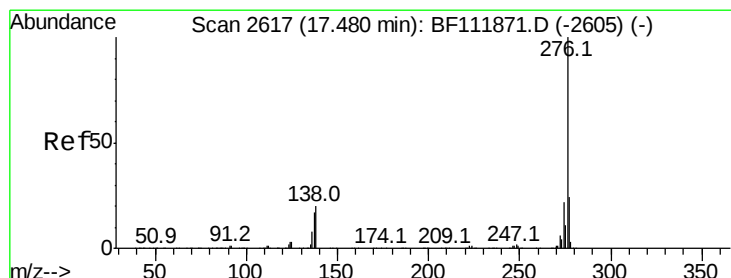
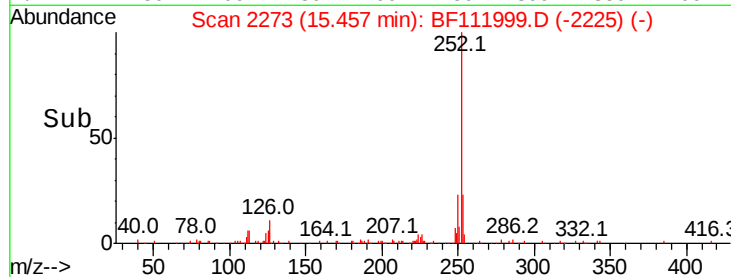
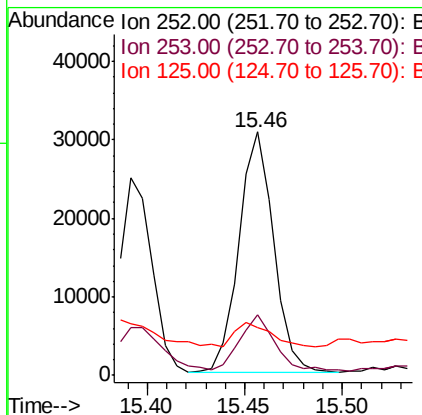
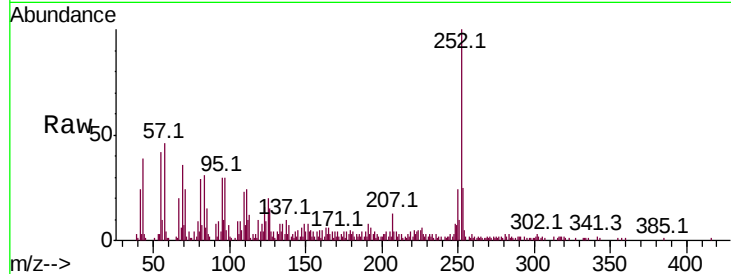
#90
Benzo(a)pyrene
Concen: 4.008 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	19.8	7.9	11.9#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.528 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.03 min
Lab File: BF111999.D
Acq: 10 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.0	28.6
138	28.1	16.2	24.2#

