

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117328.D
 Acq On : 3 Oct 2019 20:39
 Operator : JU
 Sample : K5137-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-ARE

Manual Integrations
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Quant Time: Oct 04 10:55:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	60440	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	244821	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	118737	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	157064	20.00	ng	0.00
76) Chrysene-d12	13.97	240	98415	20.00	ng	0.00
87) Perylene-d12	15.43	264	113497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	317231	81.95	ng	0.00
7) Phenol-d6	6.45	99	466626	93.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	292492	62.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	78971	79.58	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	500596	65.92	ng	-0.01
79) Terphenyl-d14	12.90	244	297512	56.51	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	33629	4.000	ng	99
71) Phenanthrene	11.35	178	35246	3.951	ng	96
75) Fluoranthene	12.54	202	53202	5.804	ng	97
78) Pyrene	12.77	202	47181	5.714	ng	96
81) Benzo(a)anthracene	13.96	228	23758	3.613	ng	96
83) Chrysene	13.99	228	22700	3.540	ng	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	13441	2.873	ng	# 91
88) Benzo(b)fluoranthene	15.00	252	29334m	4.267	ng	
90) Benzo(a)pyrene	15.36	252	22375	3.709	ng	# 91
92) Benzo(g,h,i)perylene	17.32	276	10468	2.186	ng	# 91

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

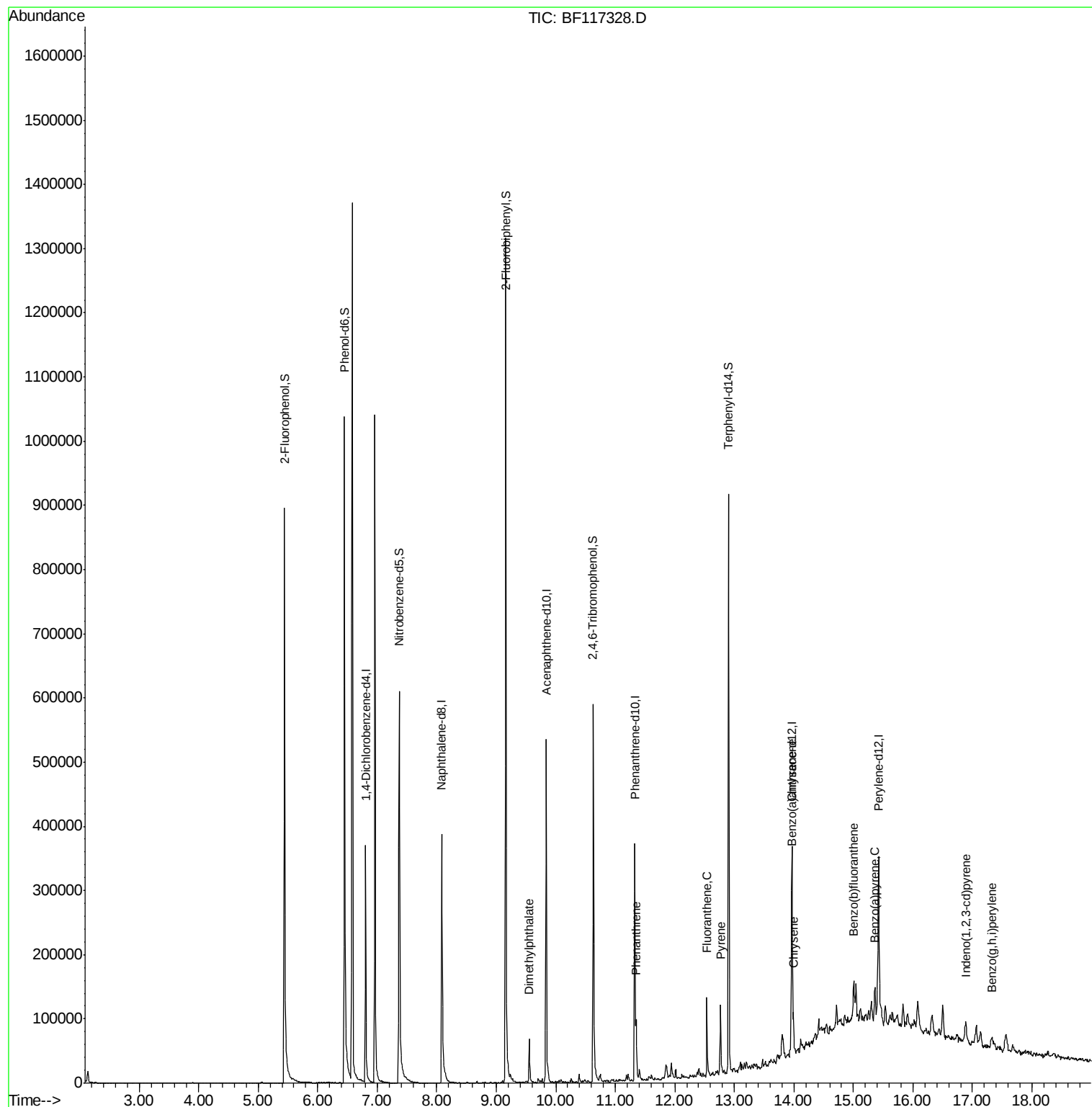
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117328.D
Acq On : 3 Oct 2019 20:39
Operator : JU
Sample : K5137-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

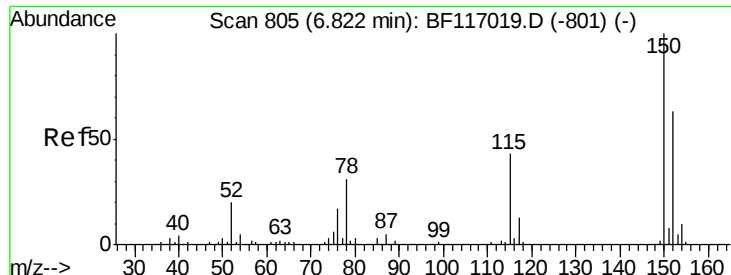
Instrument :
BNA_F
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FK-GF-02-047-ARE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration





#1

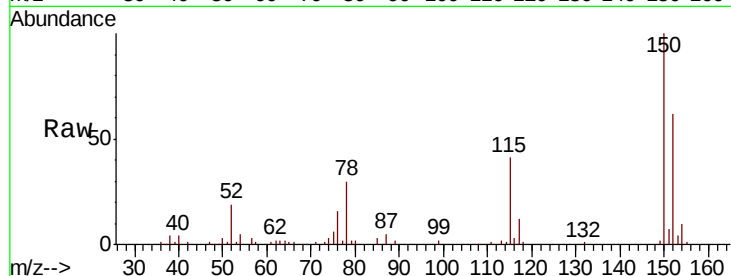
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	127.5	191.3
115	65.4	55.0	82.4

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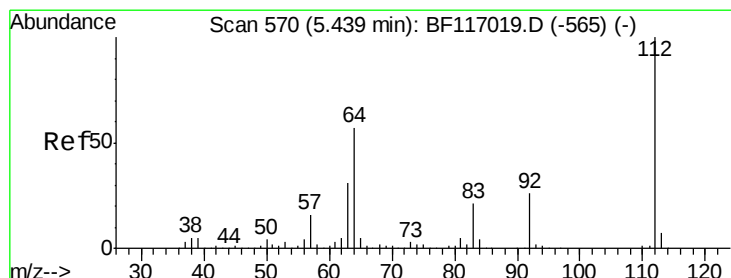
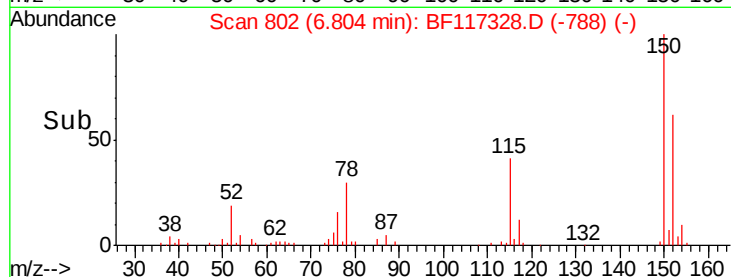
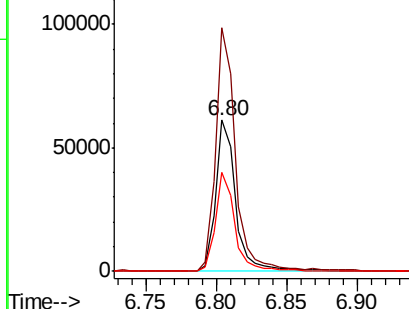


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

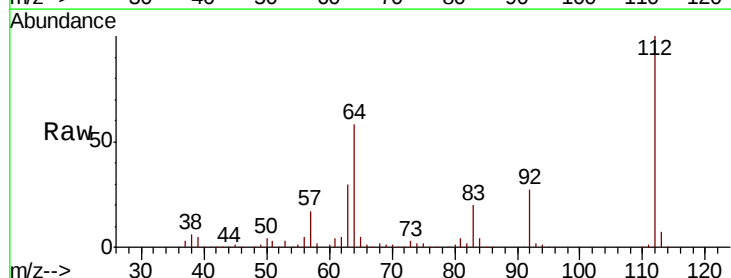
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.945 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.7	68.5
63	30.4	24.9	37.3

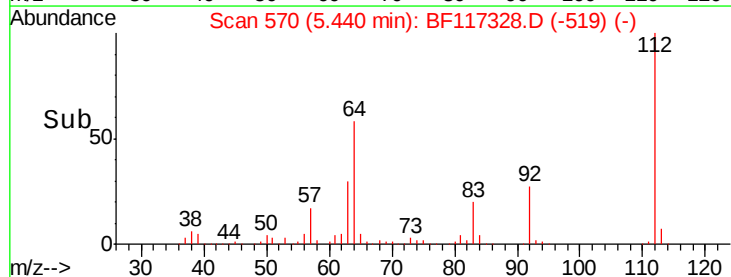
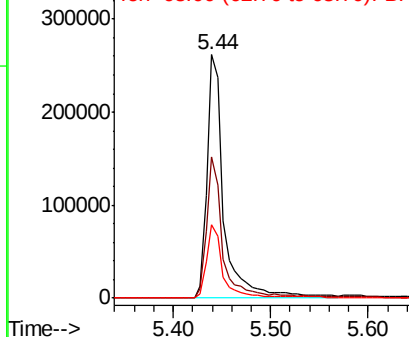


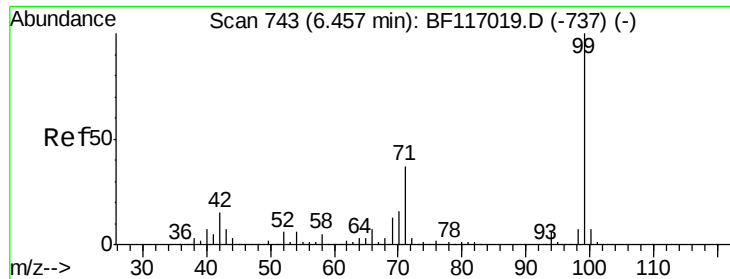
Abundance

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: 93.268 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117328.D

Acq: 3 Oct 2019 20:39

Instrument :

BNA_F

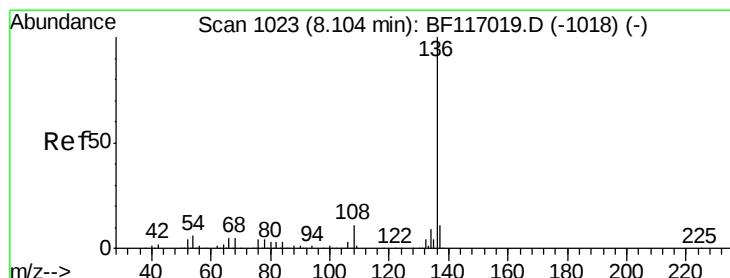
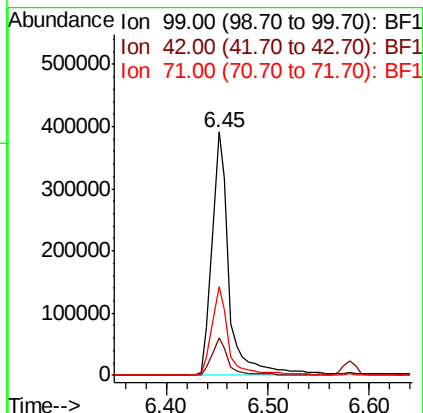
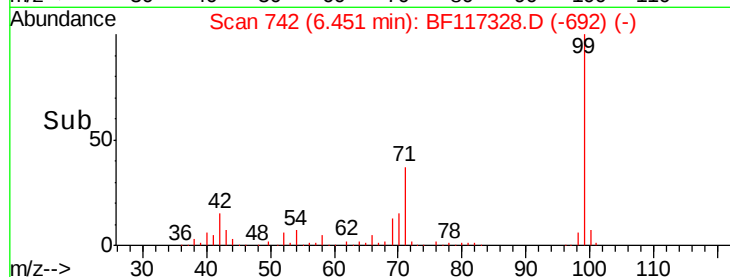
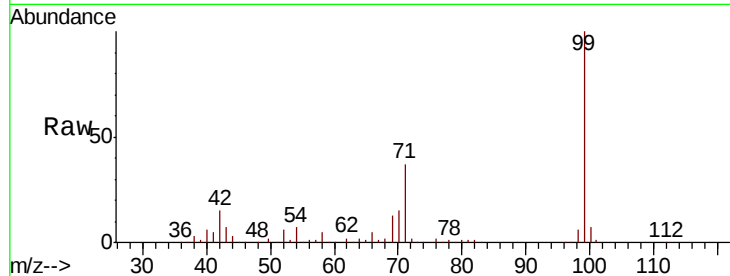
ClientSampleId :

FK-GF-02-047-ARE

Tot Ion:	99	Resp:	466626
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.6	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

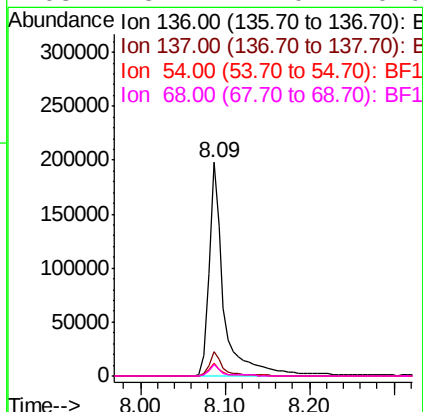
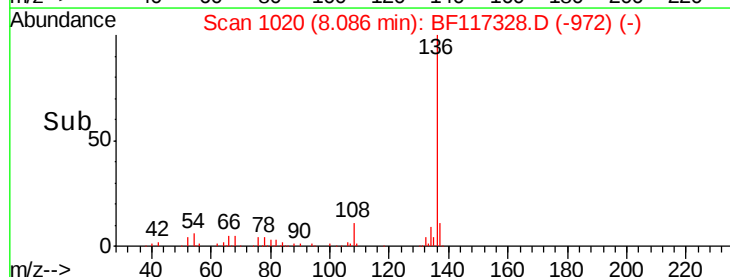
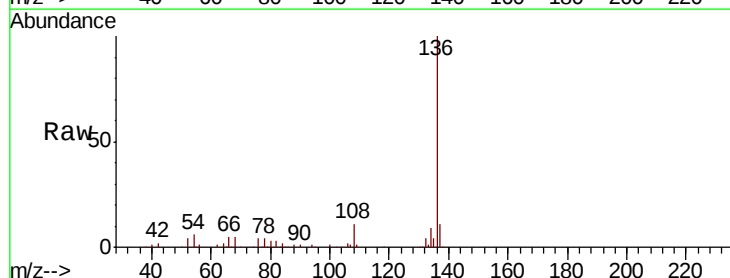
RT: 8.09 min Scan# 1020

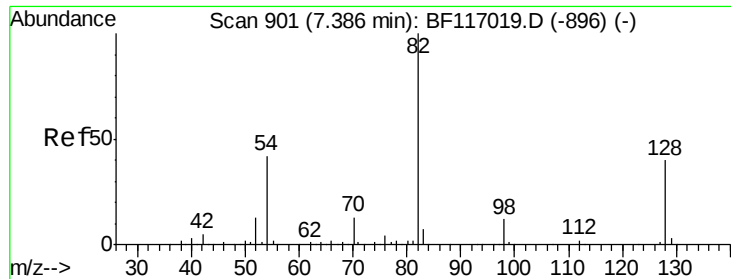
Delta R.T. -0.02 min

Lab File: BF117328.D

Acq: 3 Oct 2019 20:39

Tgt Ion:	136	Resp:	244821
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	5.8	4.5	6.7
68	5.4	4.0	6.0





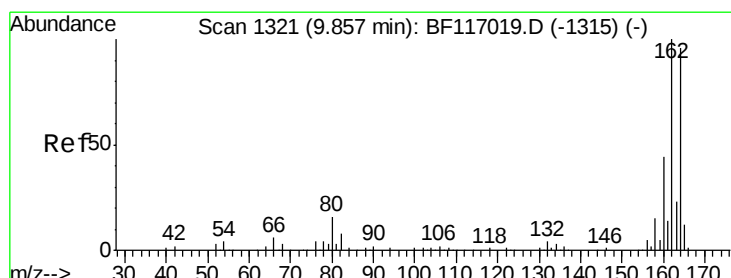
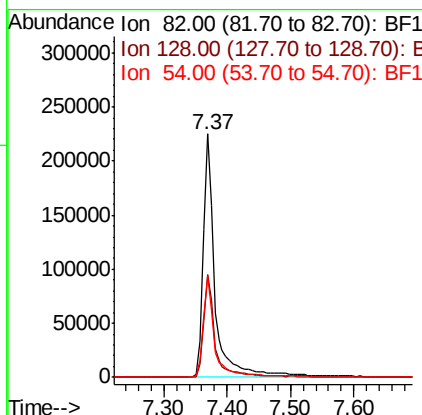
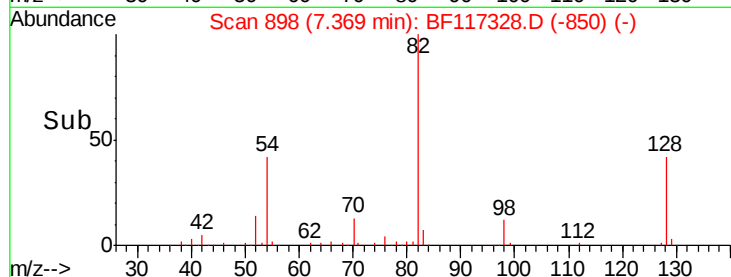
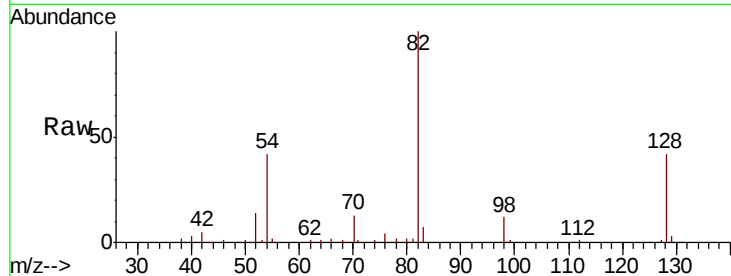
#23
 Nitrobenzene-d5
 Concen: 62.773 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117328.D
 Acq: 3 Oct 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-ARE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	292492		
128	42.1	32.3	48.5	
54	41.7	33.3	49.9	

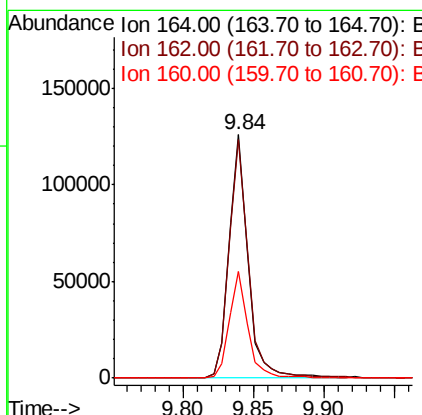
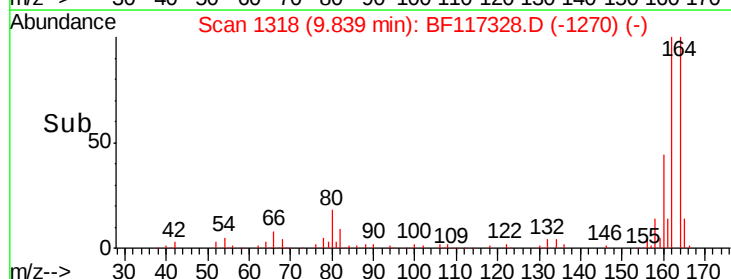
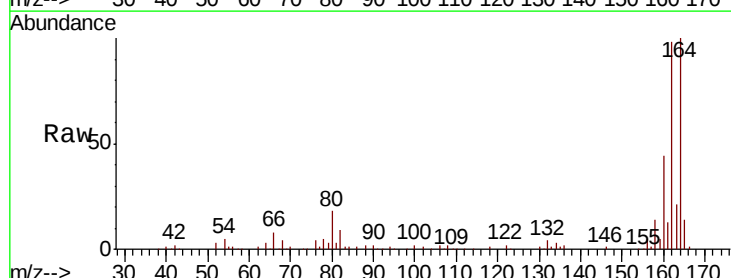
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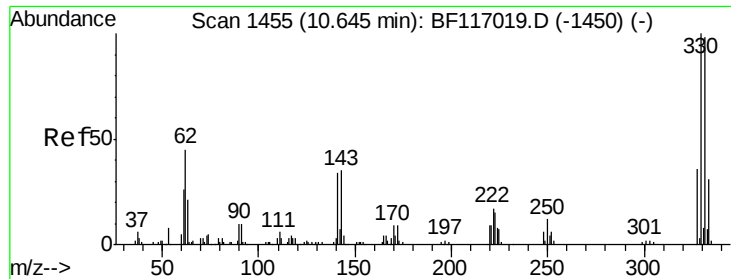
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117328.D
 Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118737		
162	98.2	83.4	125.2	
160	43.6	36.4	54.6	





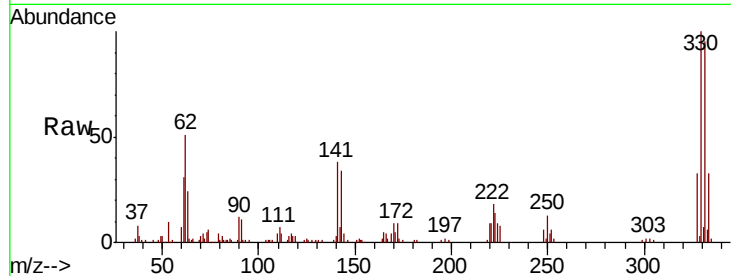
#42
 2,4,6-Tribromophenol
 Concen: 79.578 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117328.D
 Acq: 3 Oct 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-ARE

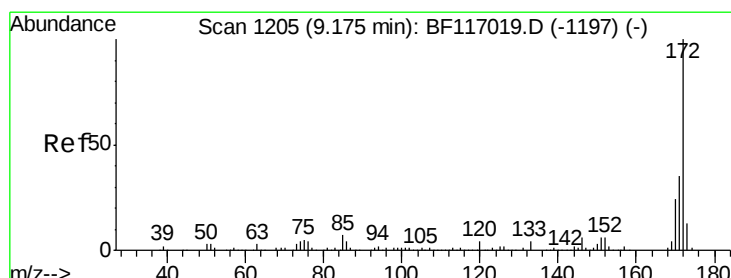
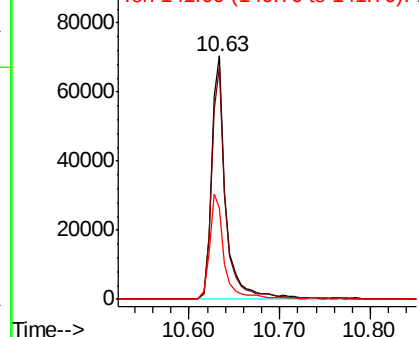
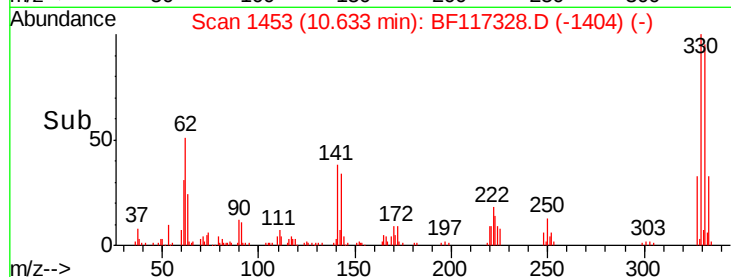
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	78.0	117.0
141	43.9	35.8	53.6

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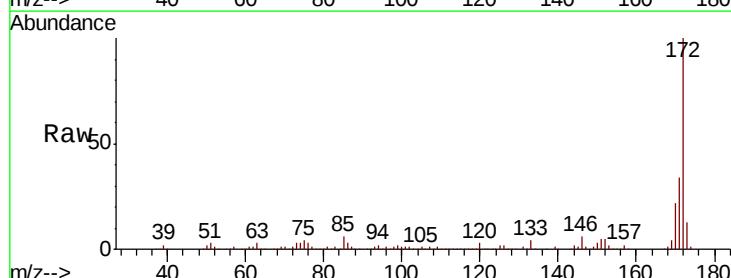


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

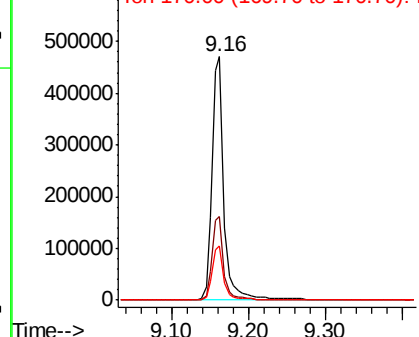
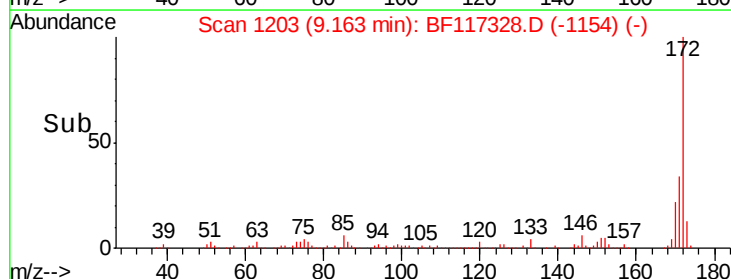


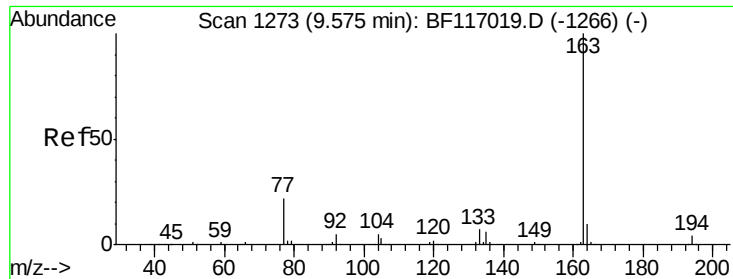
#45
 2-Fluorobiphenyl
 Concen: 65.920 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117328.D
 Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.5	18.9	28.3



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





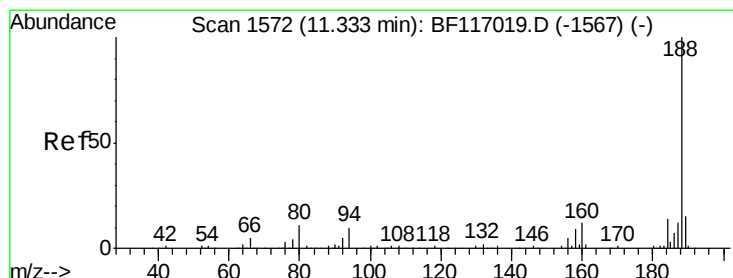
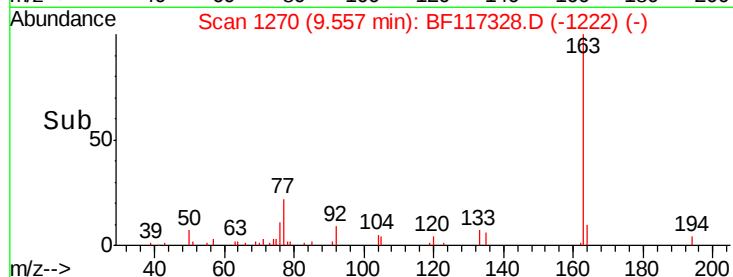
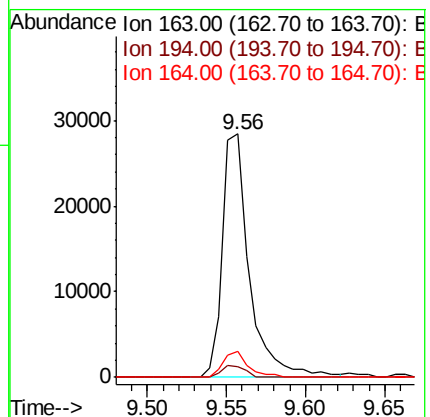
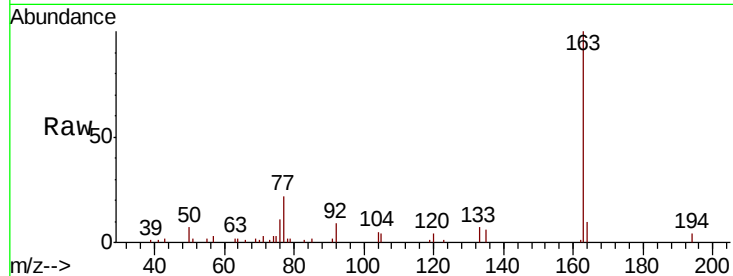
#50
Dimethylphthalate
Concen: 4.000 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.5	8.2	12.4

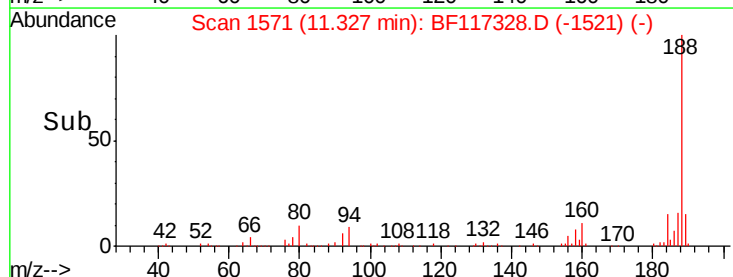
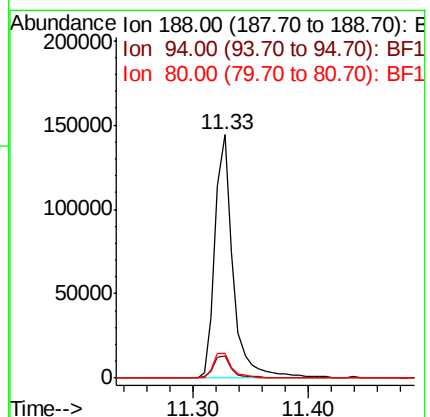
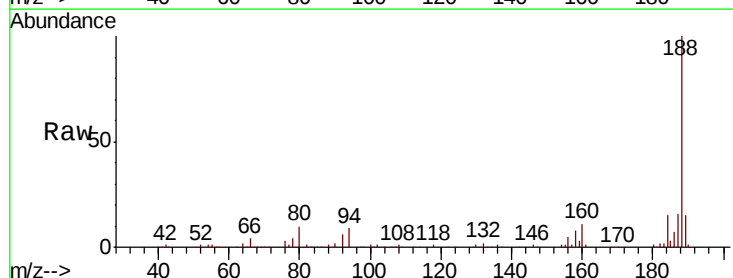
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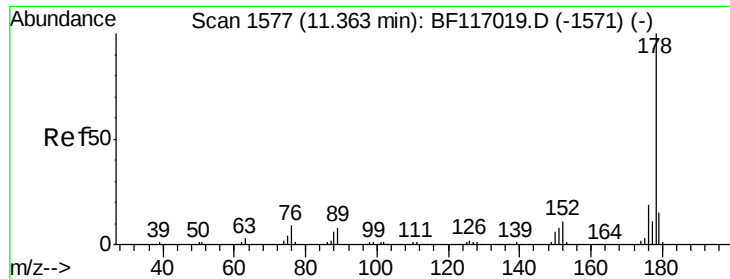
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.1	9.0	13.6





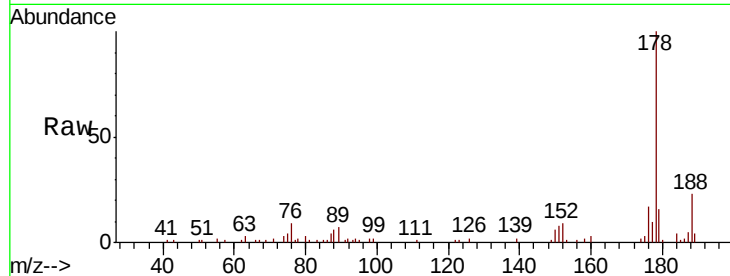
#71
Phenanthrene
Concen: 3.951 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.4	23.2
179	15.7	12.4	18.6

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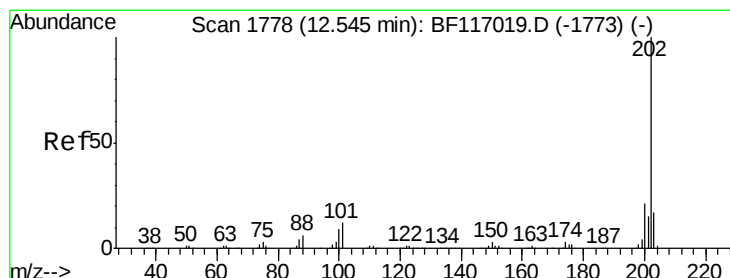
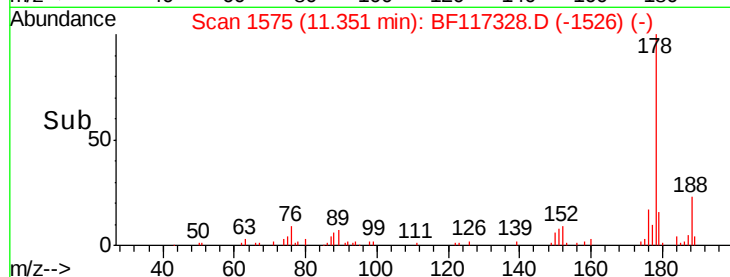
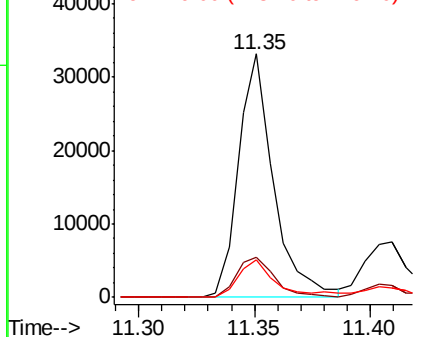


Abundance

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: 5.804 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

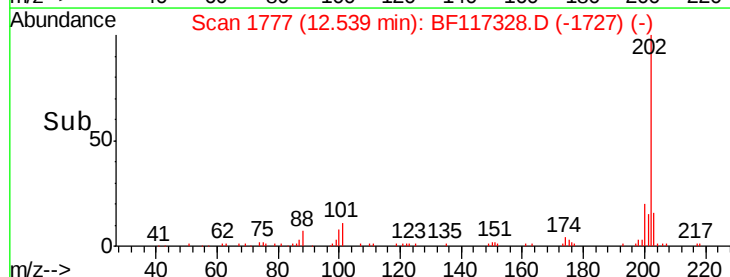
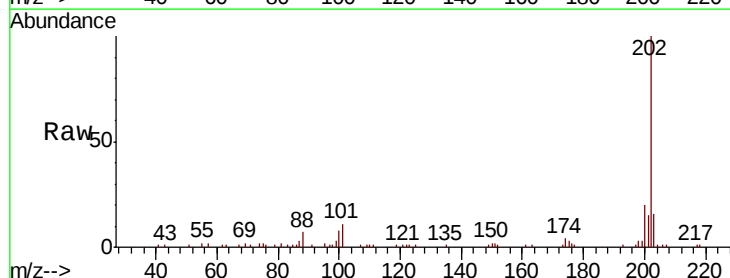
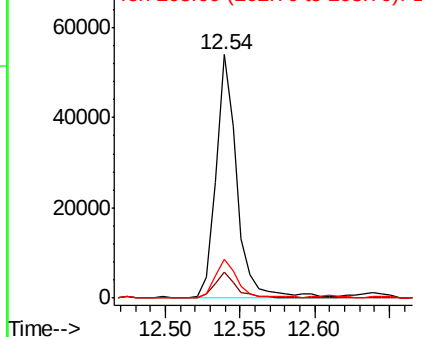
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	16.1	0.0	37.1

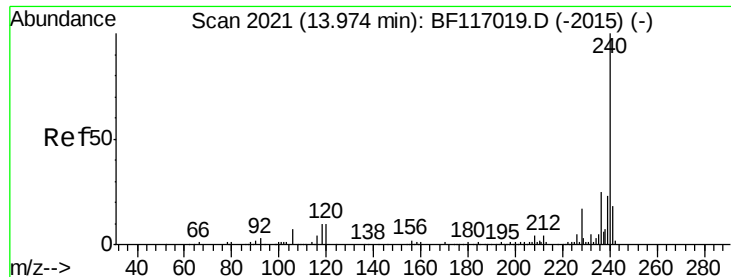
Abundance

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117328.D

Acq: 3 Oct 2019 20:39

Instrument :

BNA_F

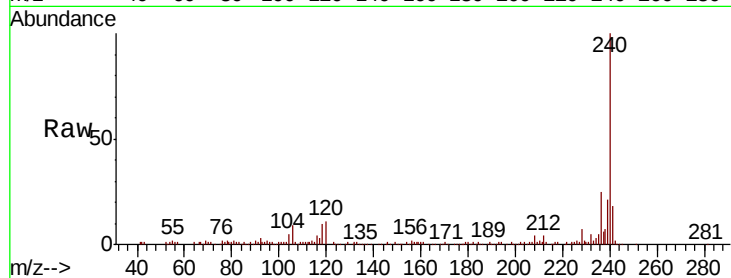
ClientSampleId :

FK-GF-02-047-ARE

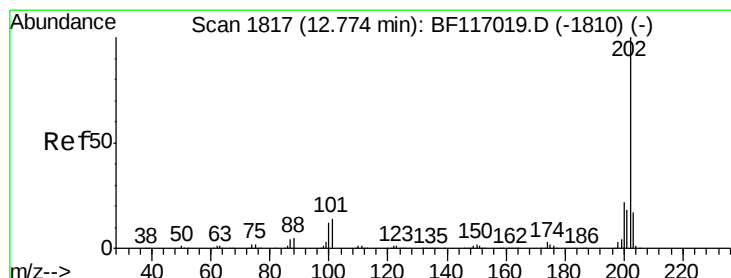
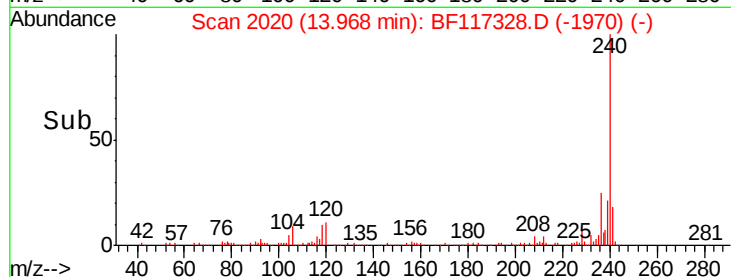
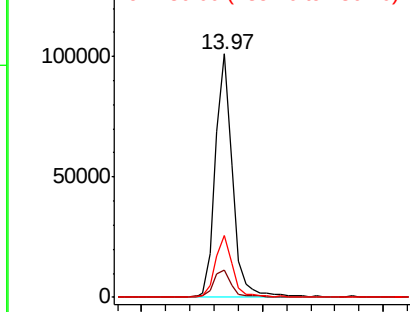
Tot Ion:	240	Resp:	98415
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.3	12.5
236	25.2	20.3	30.5

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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

Pyrene

Concen: 5.714 ng

RT: 12.77 min Scan# 1816

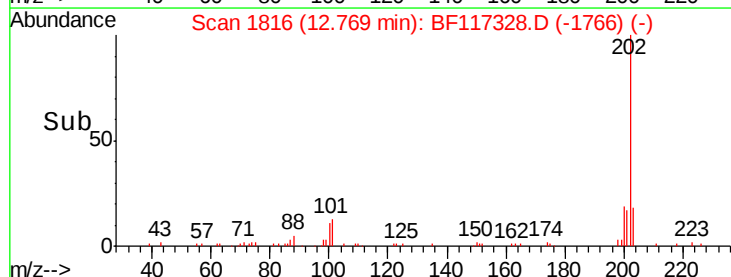
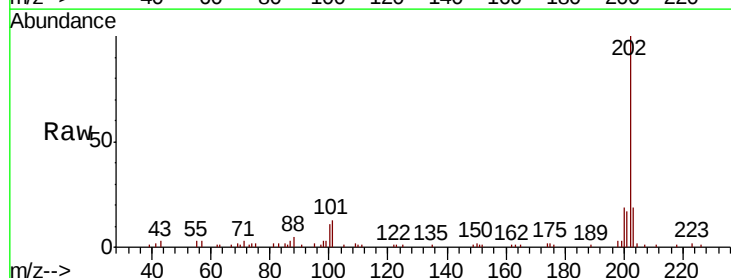
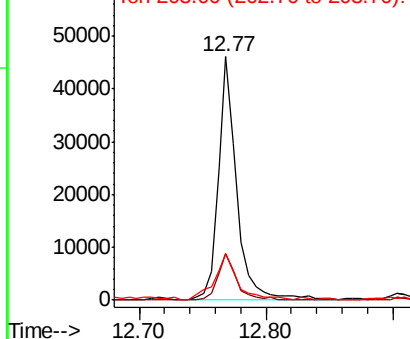
Delta R.T. -0.01 min

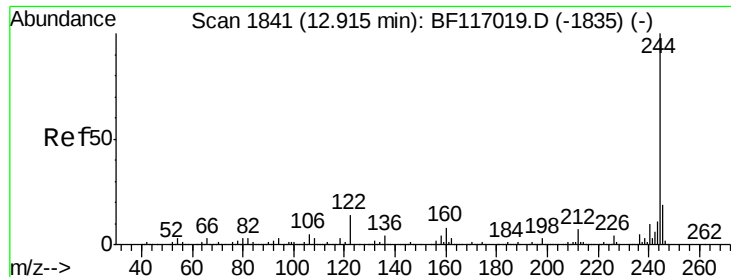
Lab File: BF117328.D

Acq: 3 Oct 2019 20:39

Tgt Ion:	202	Resp:	47181
Ion Ratio	Lower	Upper	
202	100		
200	19.1	17.2	25.8
203	18.8	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





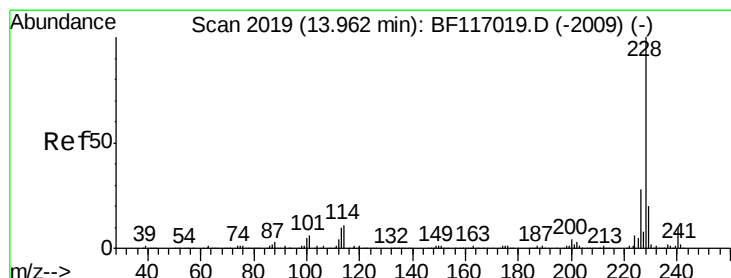
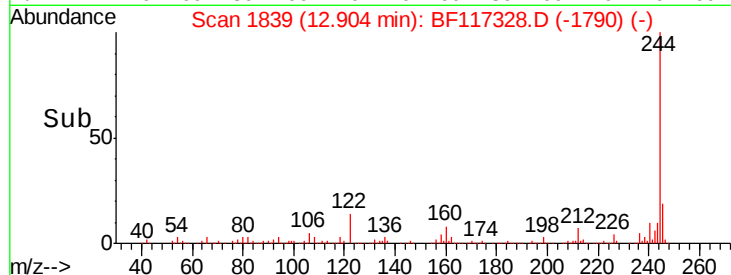
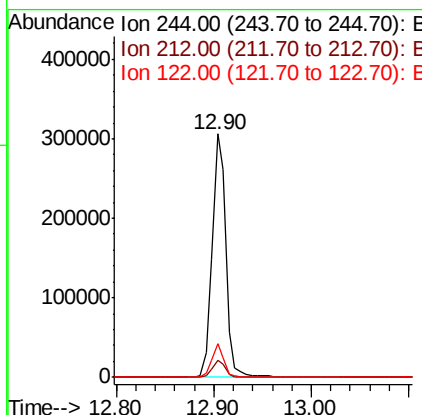
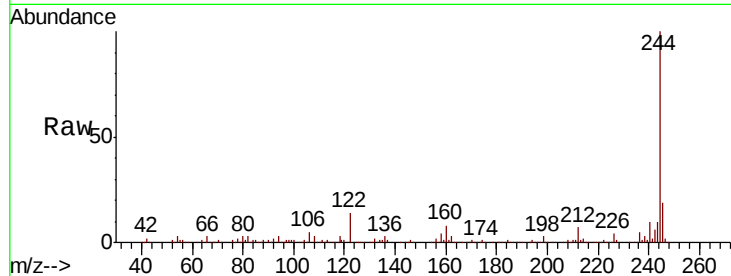
#79
 Terphenyl-d14
 Concen: 56.507 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117328.D
 Acq: 3 Oct 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	14.1	11.3	16.9

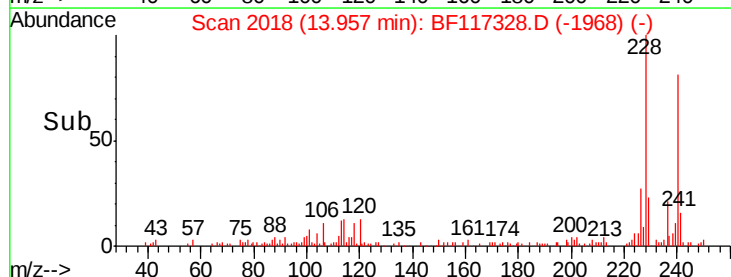
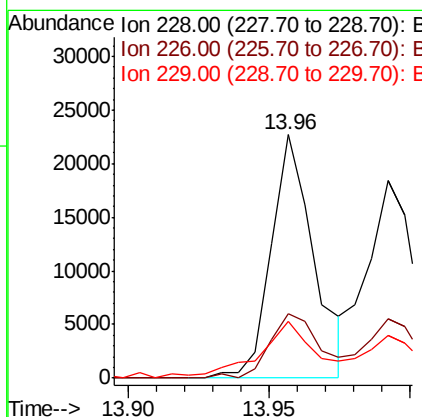
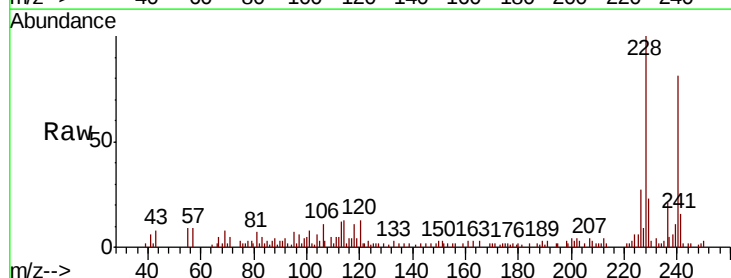
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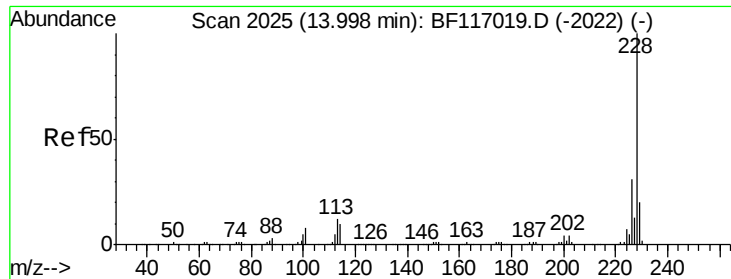
mohammad
 10/7/2019 8:25:57 AM



#81
 Benzo(a)anthracene
 Concen: 3.613 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF117328.D
 Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	23.3	15.9	23.9





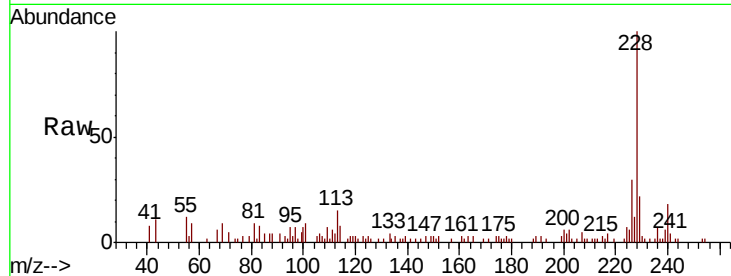
#83
Chrysene
Concen: 3.540 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	21.9	15.8	23.8

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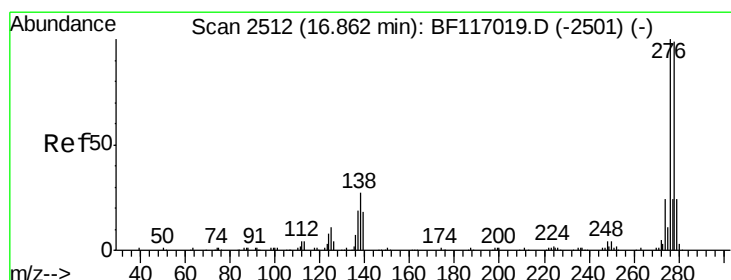
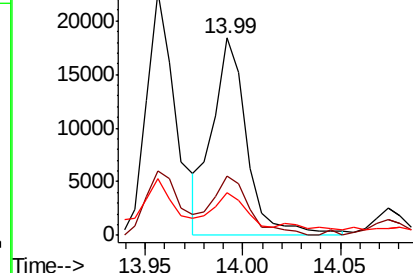
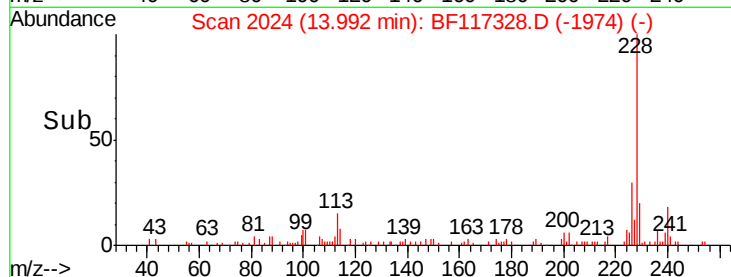


Abundance

Ion 228.00 (227.70 to 228.70): E

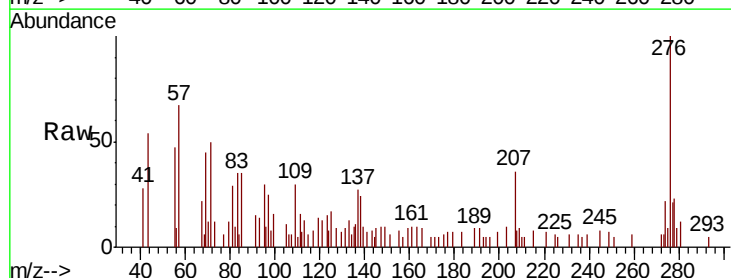
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.873 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.4	20.7	31.1#
277	26.0	19.8	29.8

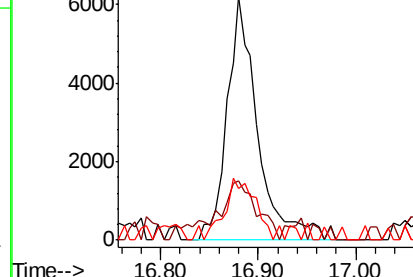
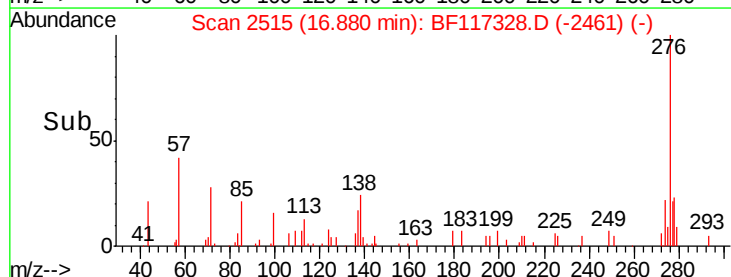


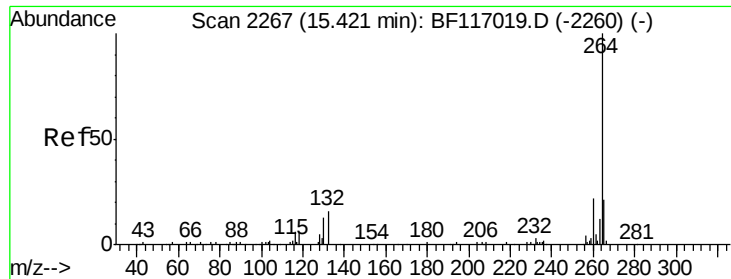
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





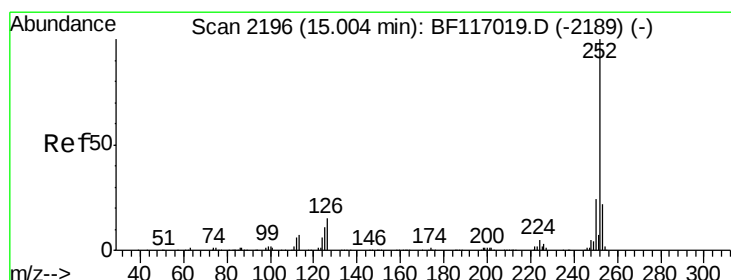
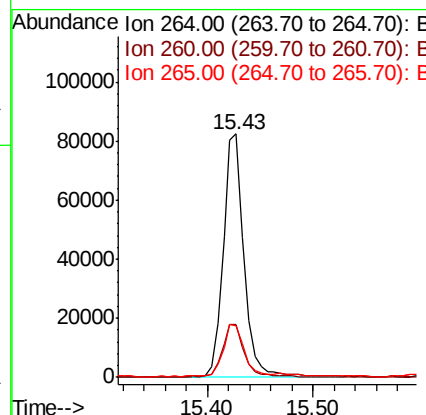
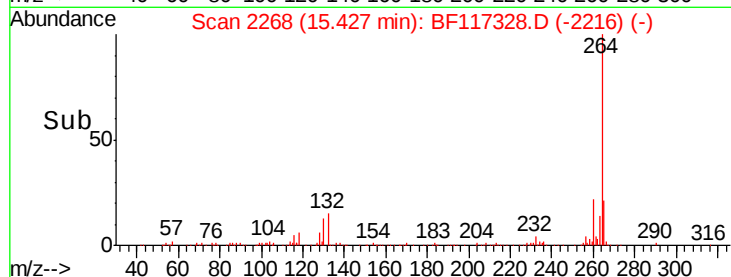
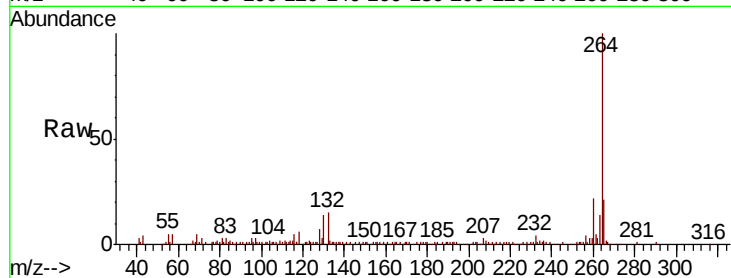
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.6	26.4
265	21.0	16.6	24.8

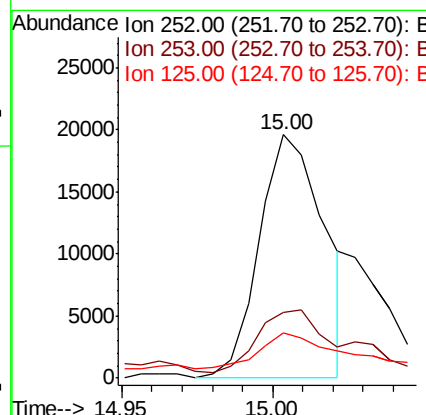
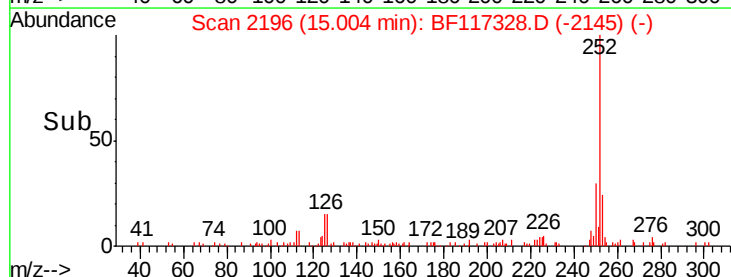
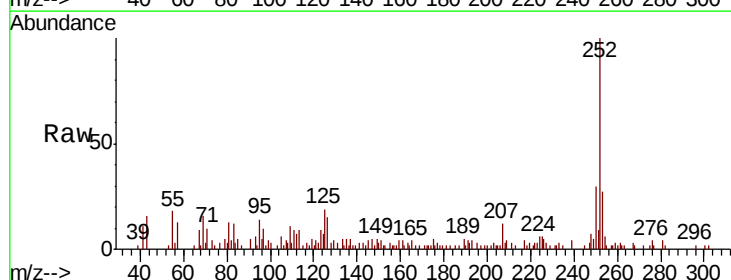
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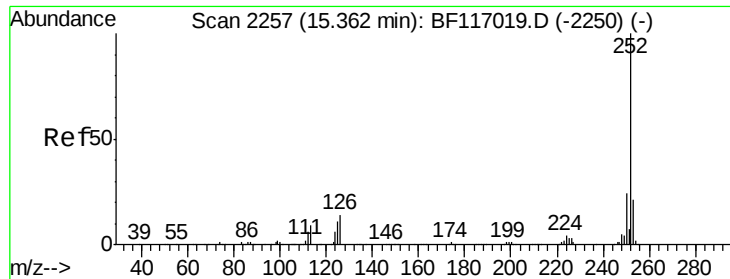
mohammad
10/7/2019 8:25:57 AM



#88
Benzo(b)fluoranthene
Concen: 4.267 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	18.7	8.6	12.8#





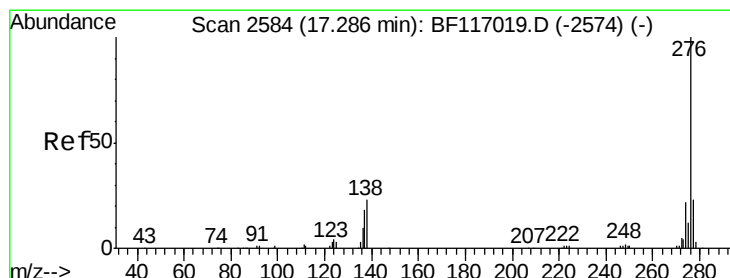
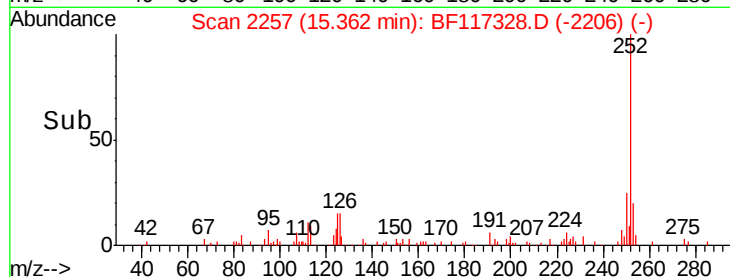
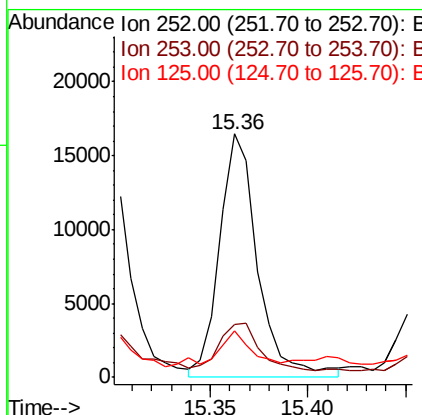
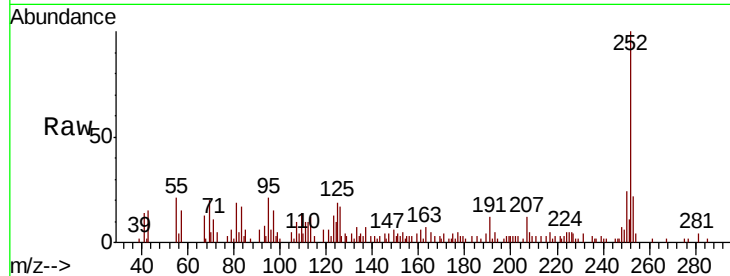
#90
Benzo(a)pyrene
Concen: 3.709 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-ARE

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	19.3	8.9	13.3

Manual Integrations
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10/7/2019 8:25:57 AM



#92
Benzo(g,h,i)perylene
Concen: 2.186 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117328.D
Acq: 3 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	27.8
138	28.0	18.0	27.0

