

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117330.D
 Acq On : 3 Oct 2019 21:32
 Operator : JU
 Sample : K5137-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 10/7/2019 8:26:03 AM

Quant Time: Oct 04 05:55:52 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	56594	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	228028	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	102352	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	128775	20.00	ng	0.00
76) Chrysene-d12	13.97	240	103695	20.00	ng	0.00
87) Perylene-d12	15.43	264	101467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	277988	76.69	ng	0.00
7) Phenol-d6	6.45	99	406713	86.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	250363	57.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	54938	64.22	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	387374	59.18	ng	-0.02
79) Terphenyl-d14	12.90	244	247103	44.54	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	56346	7.775	ng	99
71) Phenanthrene	11.35	178	35757	4.889	ng	99
75) Fluoranthene	12.54	202	69860	9.295	ng	98
78) Pyrene	12.77	202	68686	7.894	ng	99
81) Benzo(a)anthracene	13.96	228	37603	5.428	ng	96
83) Chrysene	14.00	228	34616	5.123	ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	14042	2.848	ng	# 72
88) Benzo(b)fluoranthene	15.01	252	44443m	7.231	ng	
89) Benzo(k)fluoranthene	15.03	252	13443m	2.309	ng	
90) Benzo(a)pyrene	15.37	252	29049	5.386	ng	# 86
92) Benzo(g,h,i)perylene	17.33	276	15681	3.663	ng	# 90

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

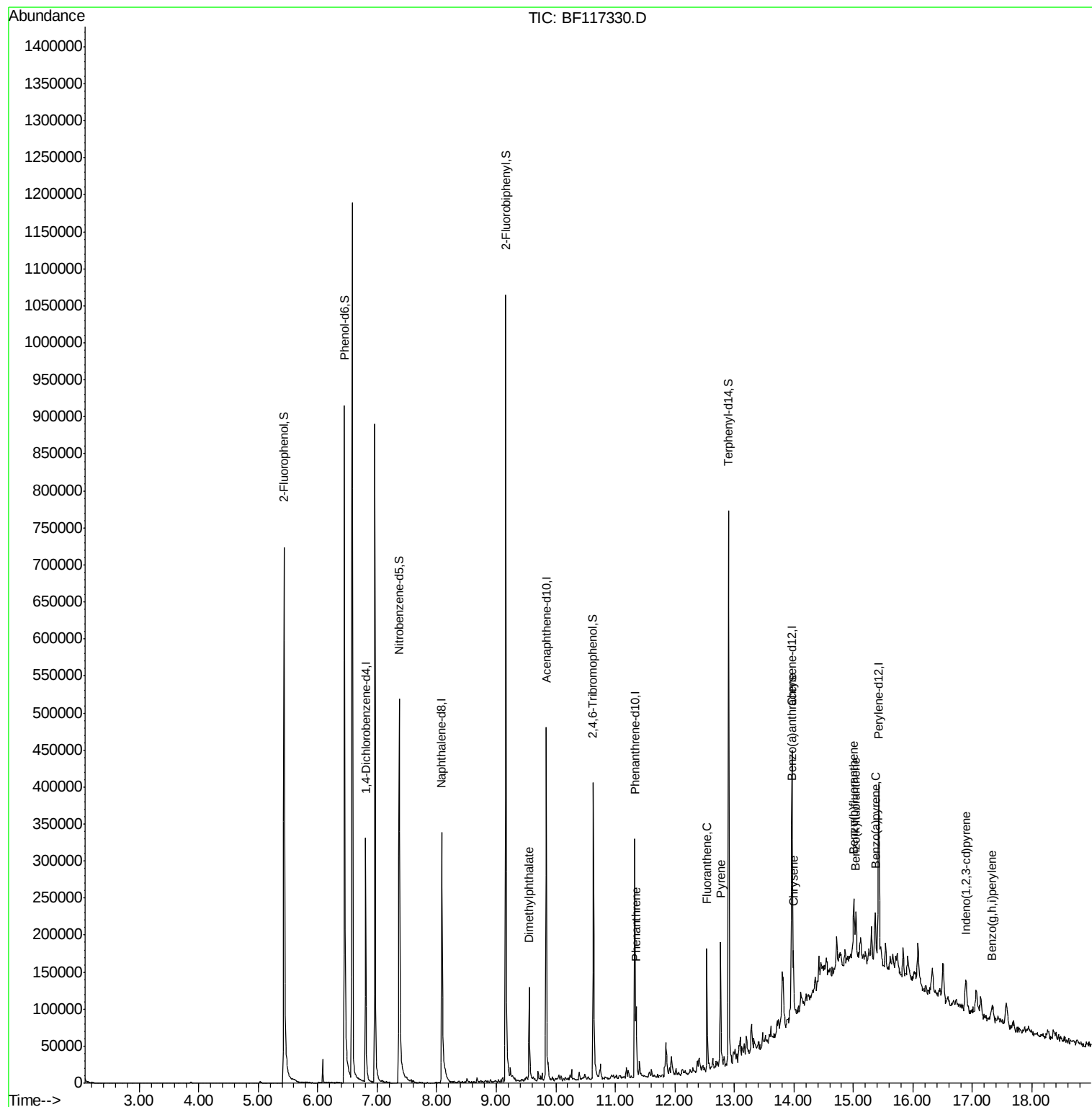
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117330.D
Acq On : 3 Oct 2019 21:32
Operator : JU
Sample : K5137-03RE
Misc :
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Manual Integrations
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Quant Time: Oct 04 05:55:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

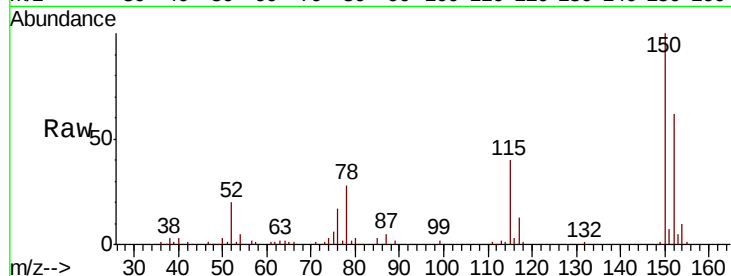
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	127.5	191.3
115	64.7	55.0	82.4

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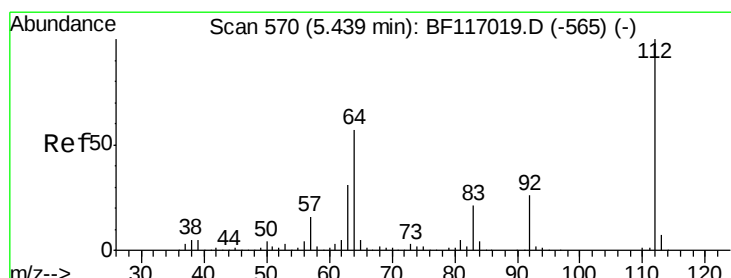
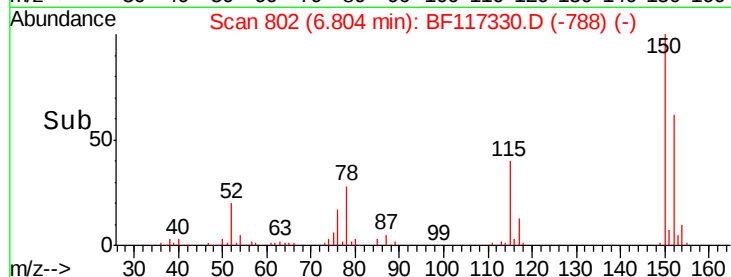
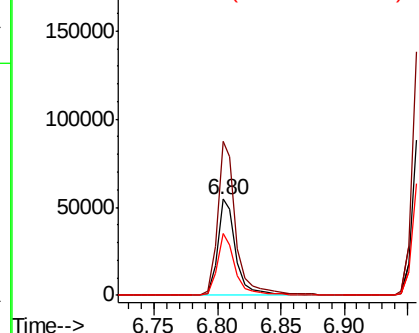


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

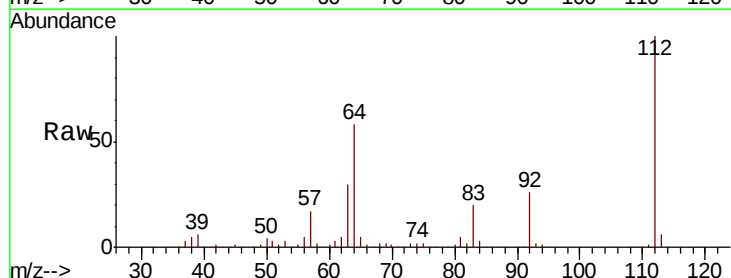
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.688 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.7	68.5
63	30.0	24.9	37.3

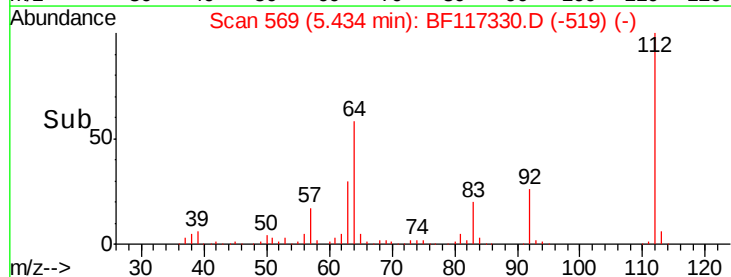
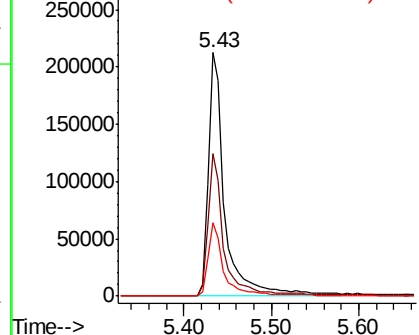


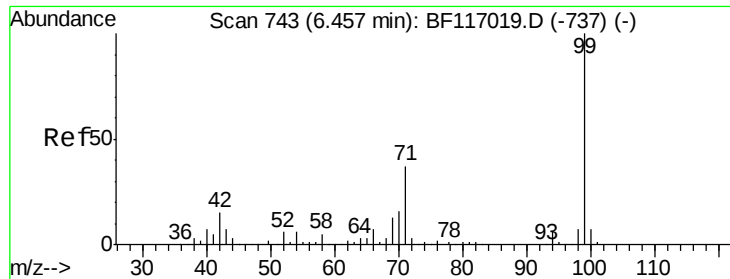
Abundance

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: 86.817 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117330.D

Acq: 3 Oct 2019 21:32

Instrument :

BNA_F

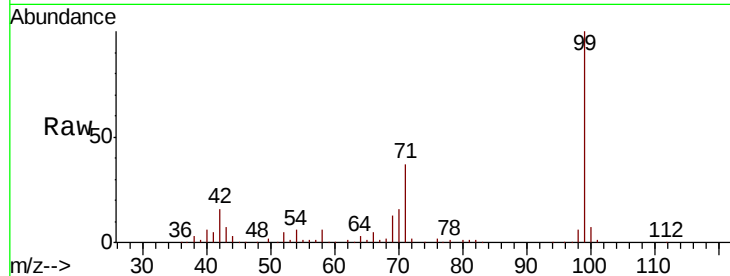
ClientSampleId :

FK-GF-02-047-BRE

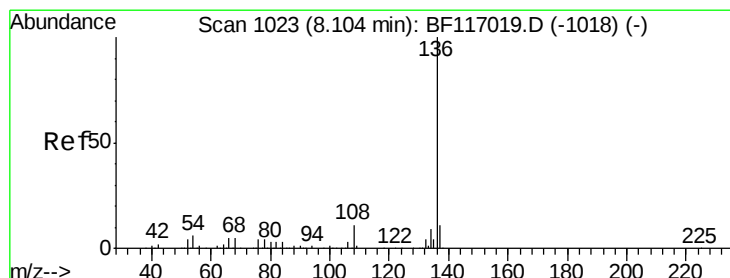
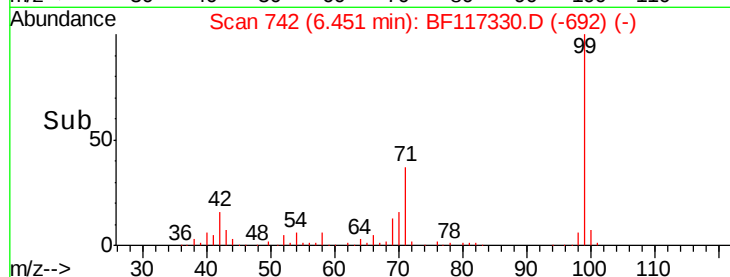
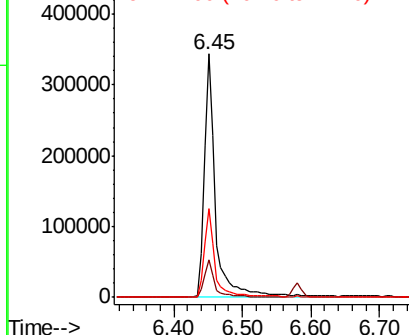
Tot Ion:	99	Resp:	406713
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.2	18.2
71	36.6	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

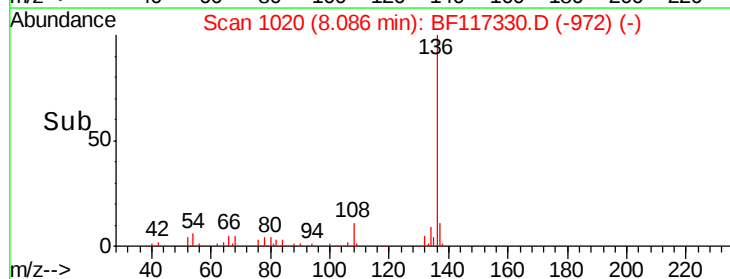
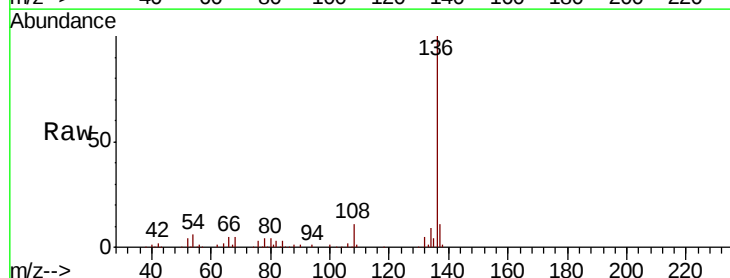
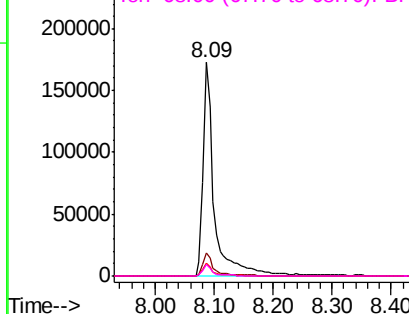
Delta R.T. -0.02 min

Lab File: BF117330.D

Acq: 3 Oct 2019 21:32

Tgt Ion:	136	Resp:	228028
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	5.8	4.5	6.7
68	5.1	4.0	6.0

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





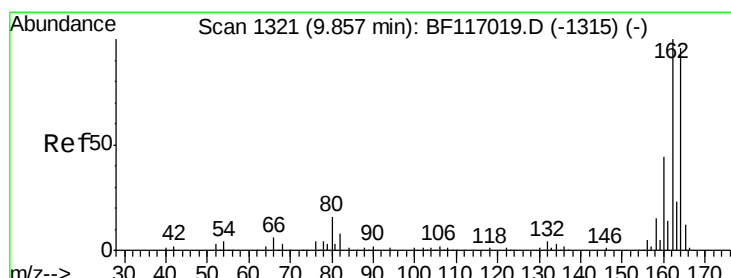
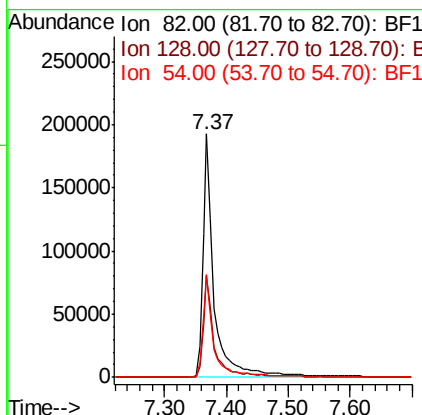
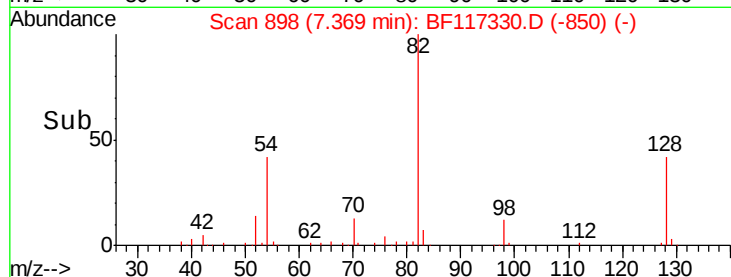
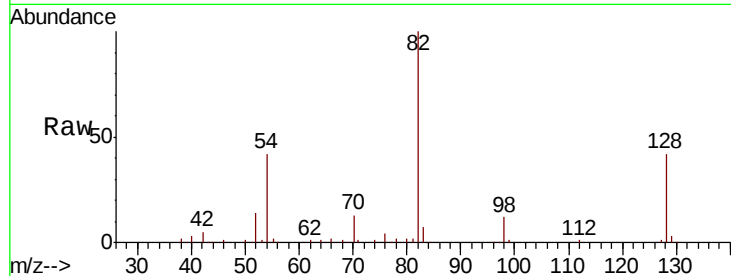
#23
 Nitrobenzene-d5
 Concen: 57.689 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	42.1	33.3	49.9

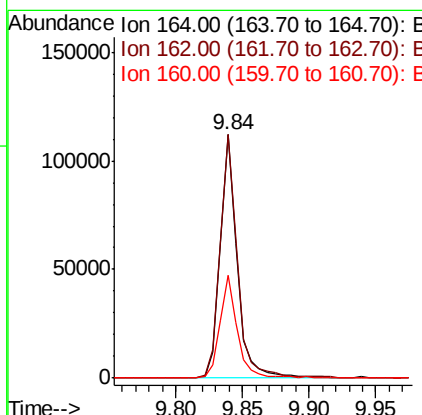
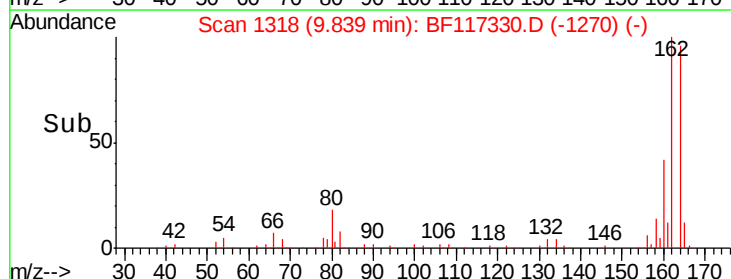
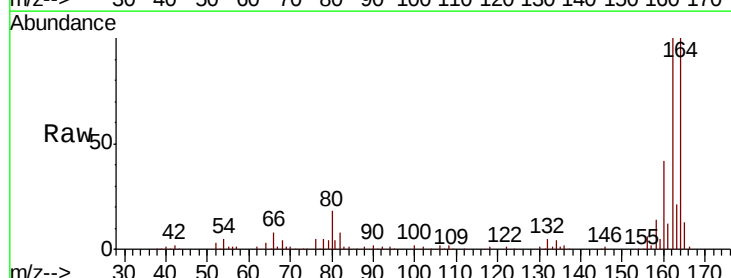
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.2
160	42.3	36.4	54.6





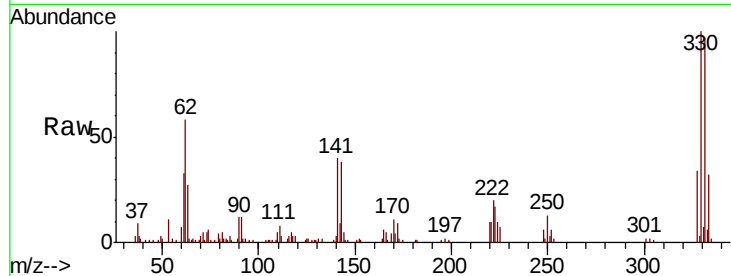
#42
 2,4,6-Tribromophenol
 Concen: 64.223 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.0	117.0
141	47.0	35.8	53.6

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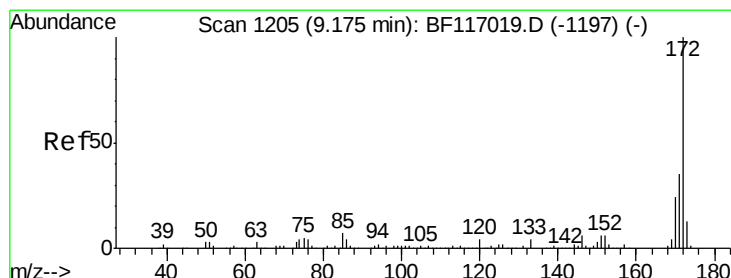
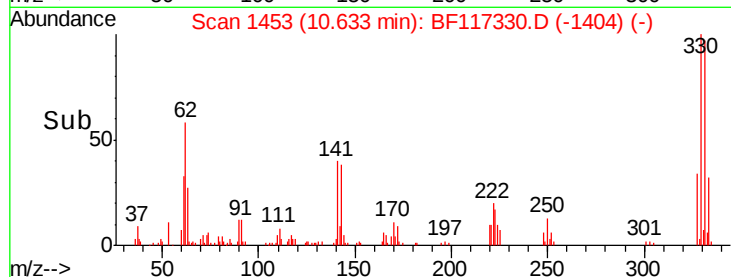
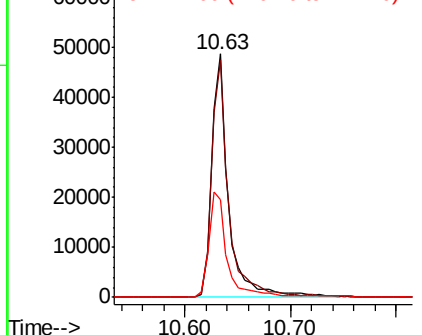


Abundance

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: 59.177 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

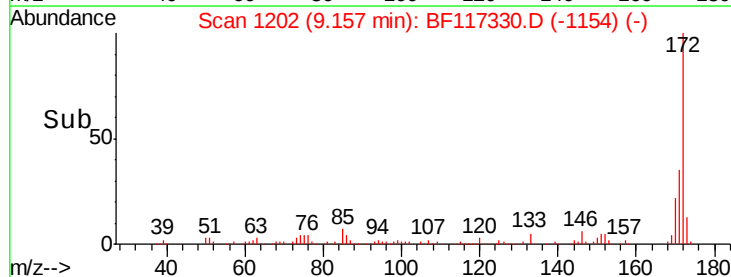
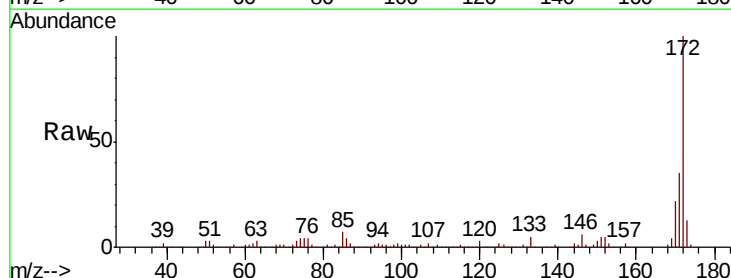
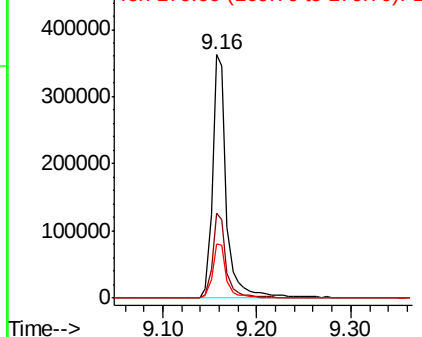
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.5	18.9	28.3

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





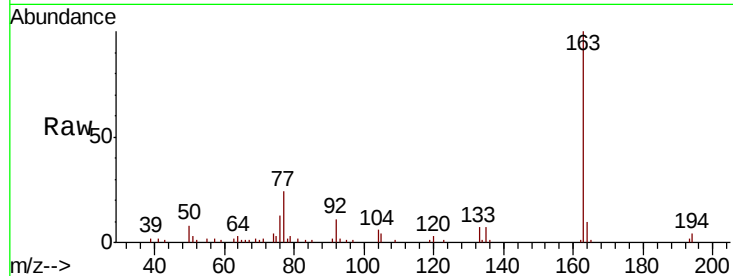
#50
Dimethylphthalate
Concen: 7.775 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

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

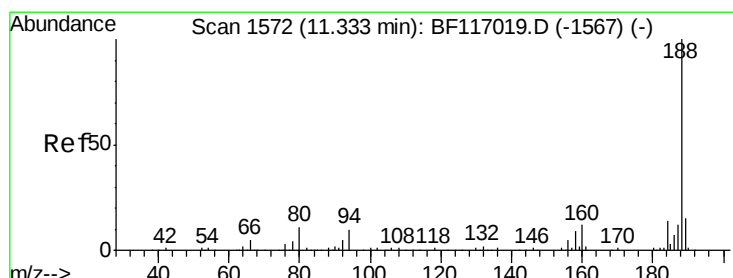
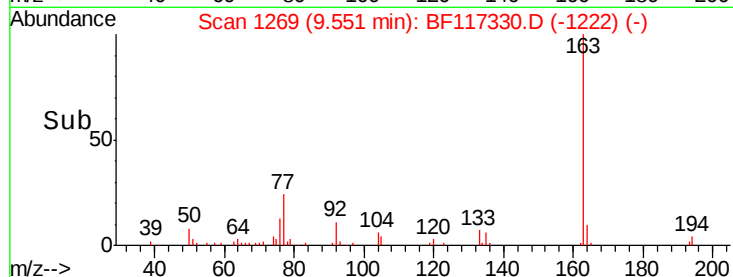
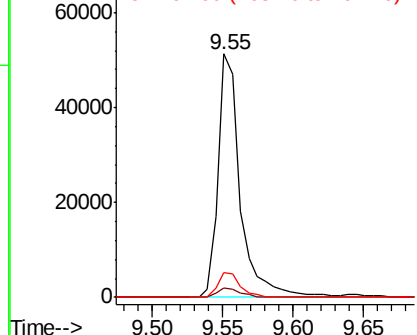
Tot Ion:	163	Resp:	56346
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.9	4.3
164	10.1	8.2	12.4

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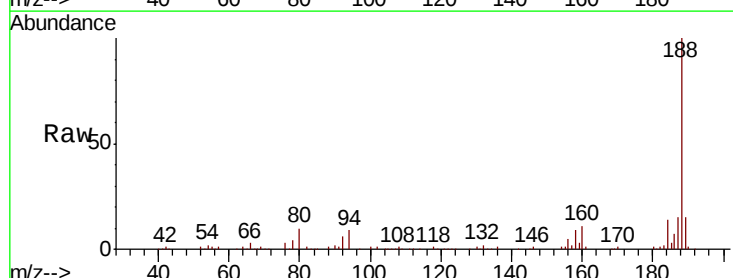


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

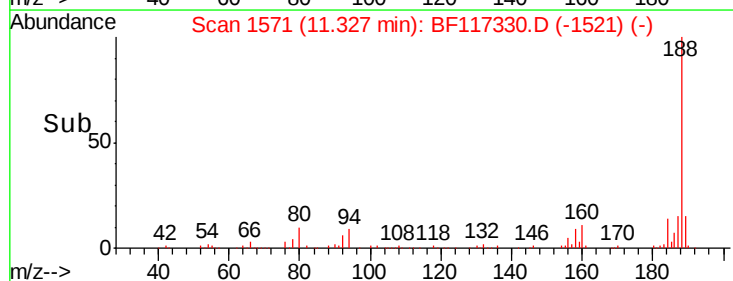
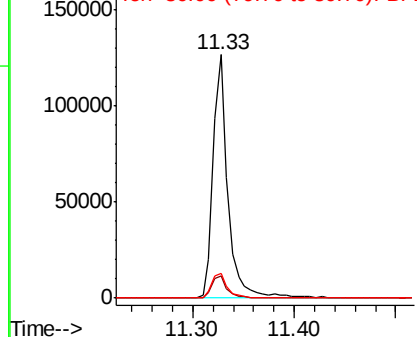


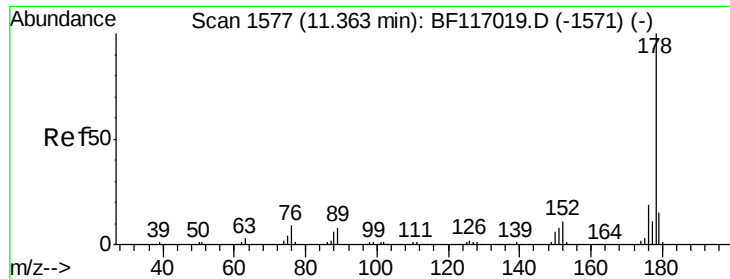
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:	188	Resp:	128775
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.2	12.2
80	10.3	9.0	13.6



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





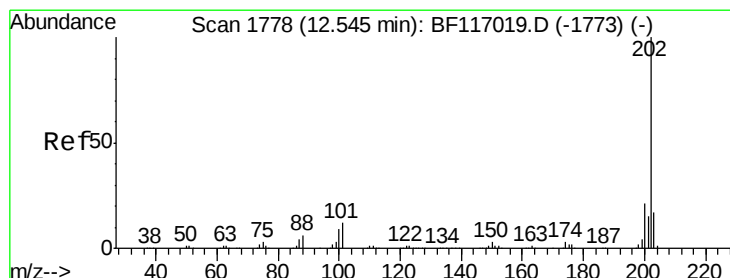
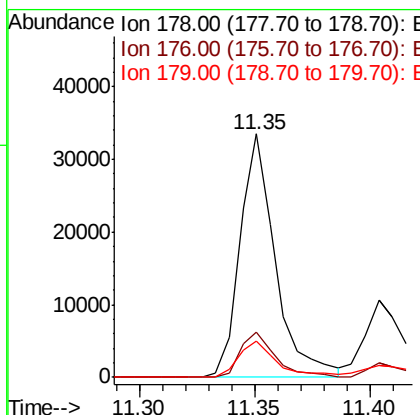
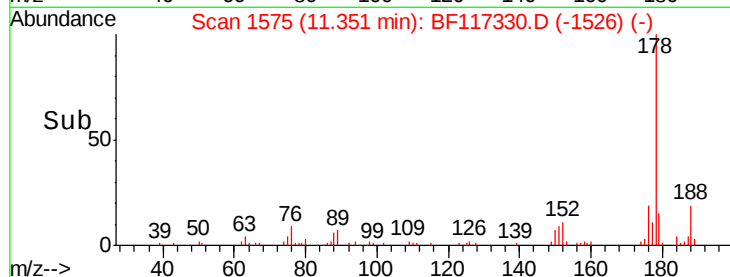
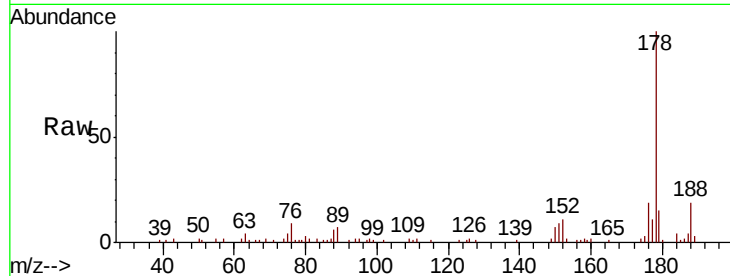
#71
Phenanthrene
Concen: 4.889 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.4	18.6

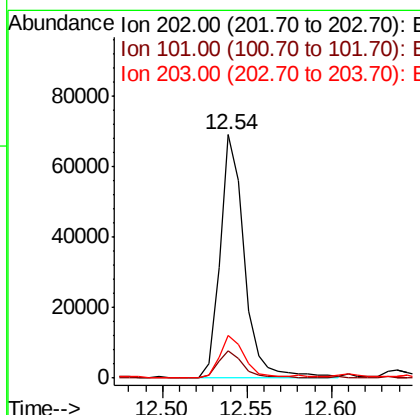
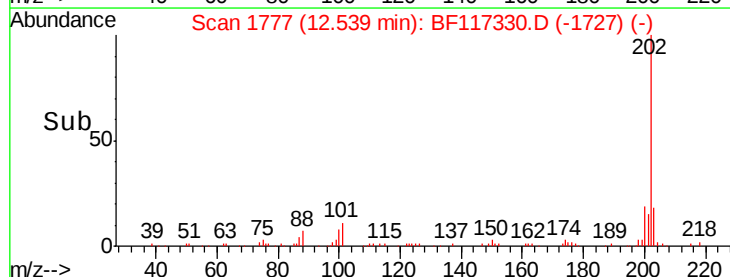
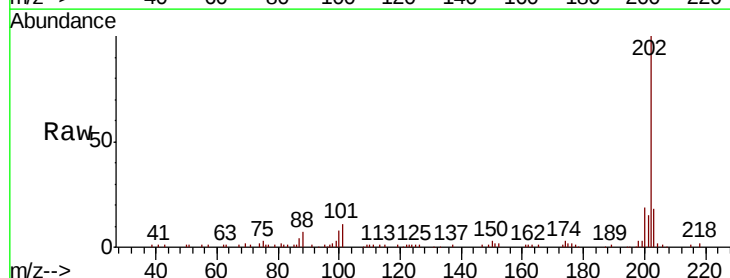
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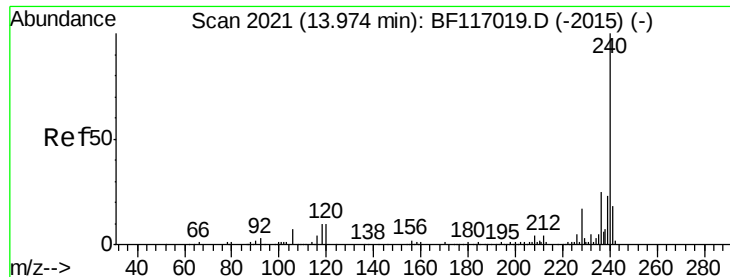
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#75
Fluoranthene
Concen: 9.295 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.7	0.0	37.1





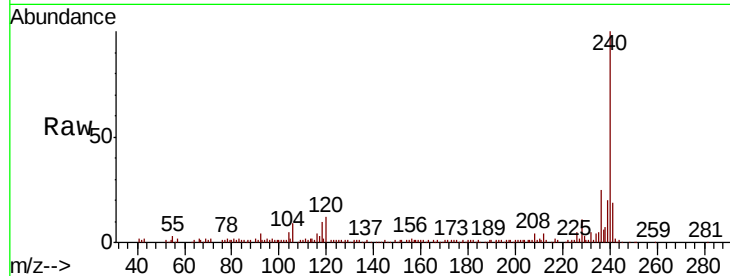
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100	103695		
120	12.0		8.3	12.5
236	25.2		20.3	30.5

Manual Integrations
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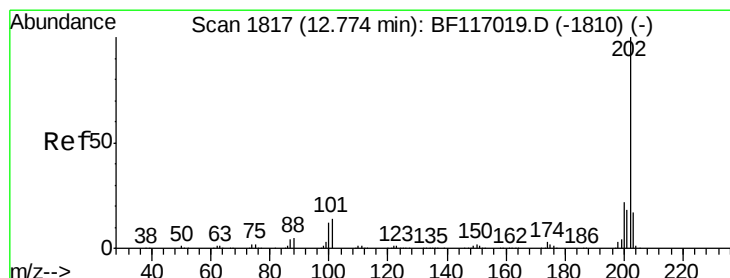
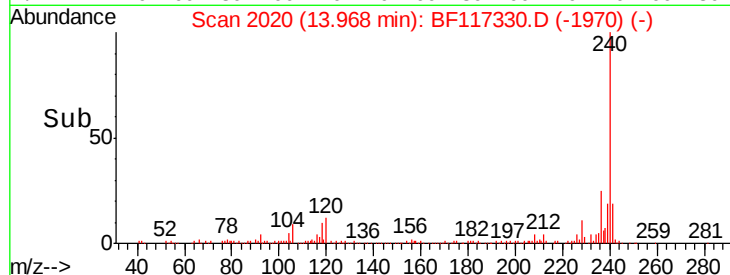
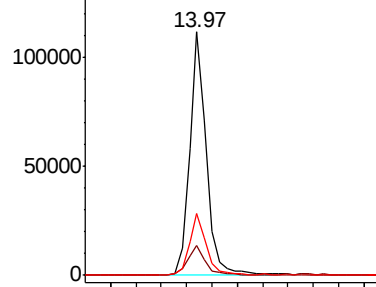


Abundance

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: 7.894 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

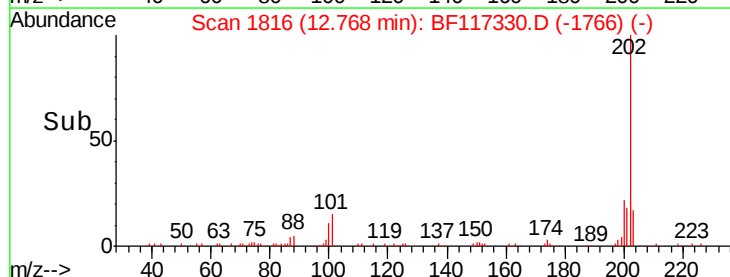
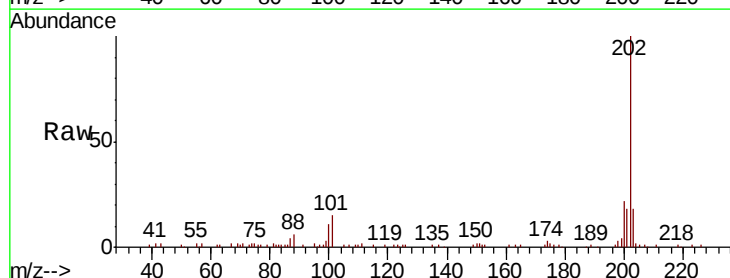
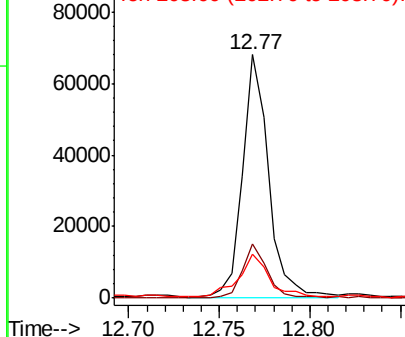
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	68686		
200	22.2		17.2	25.8
203	18.1		14.0	21.0

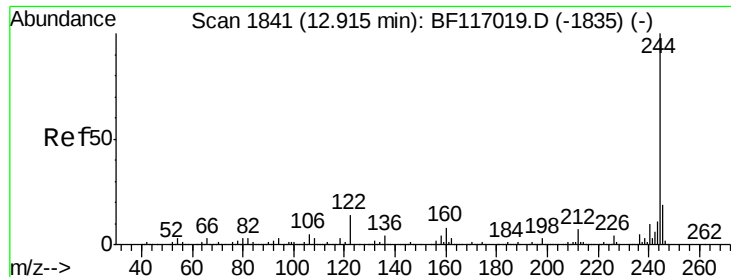
Abundance

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





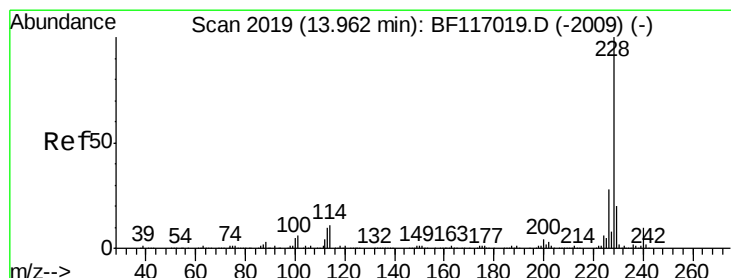
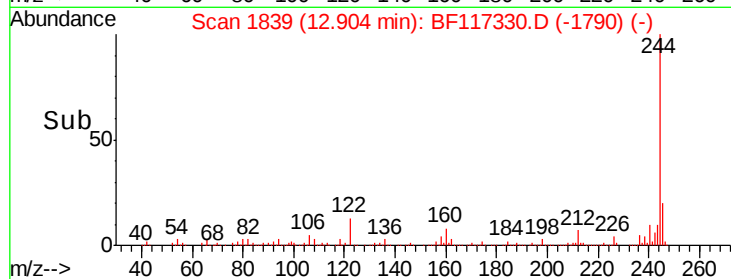
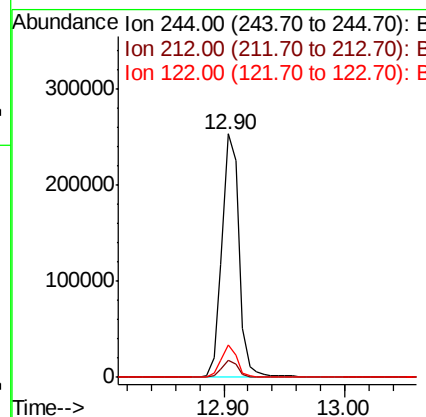
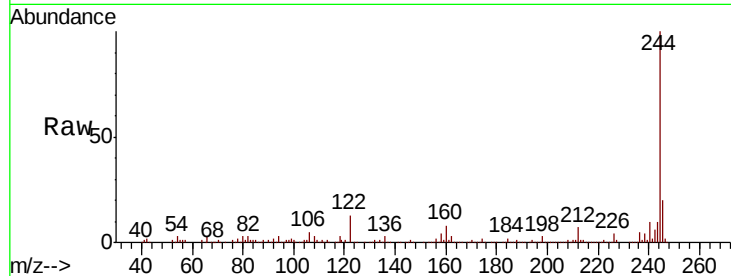
#79
 Terphenyl-d14
 Concen: 44.543 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	11.3	16.9

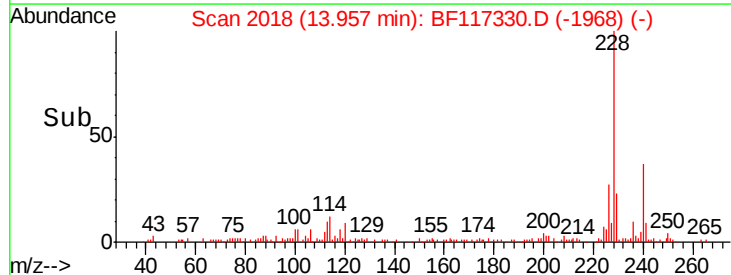
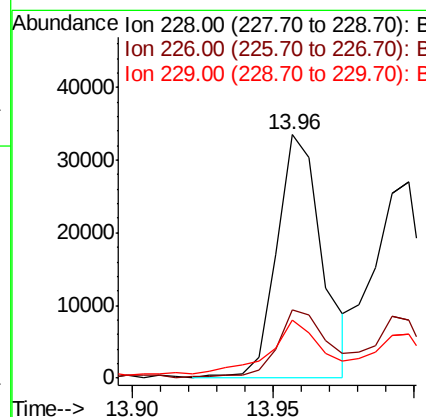
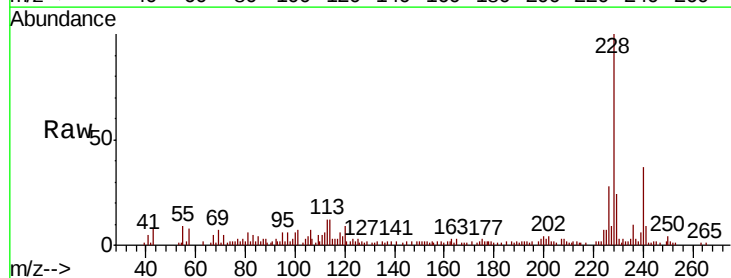
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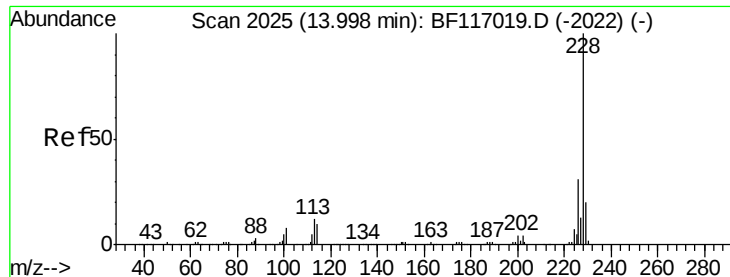
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.428 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	23.6	15.9	23.9





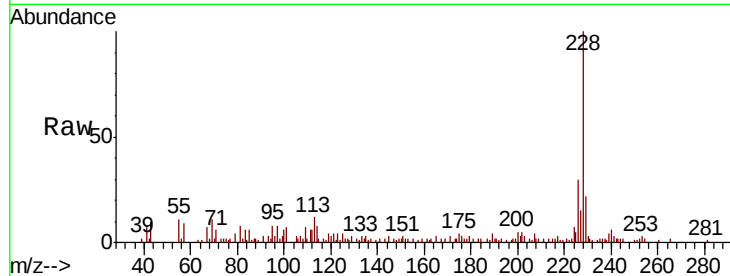
#83
Chrysene
Concen: 5.123 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	22.4	15.8	23.8

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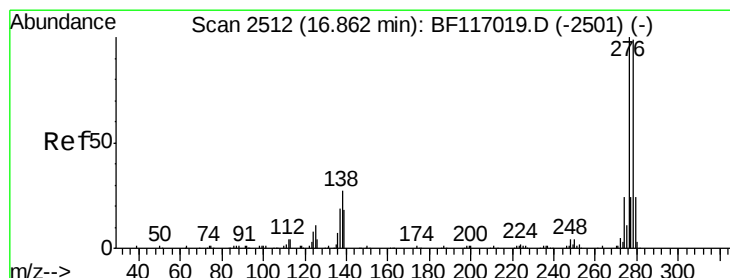
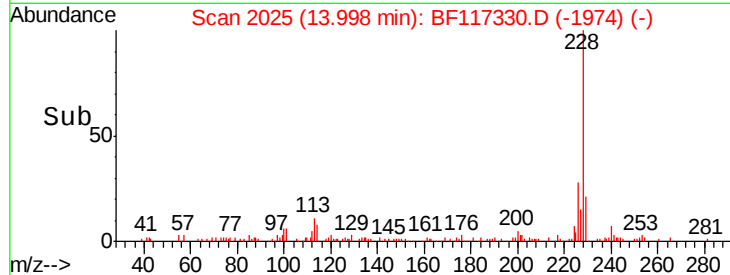
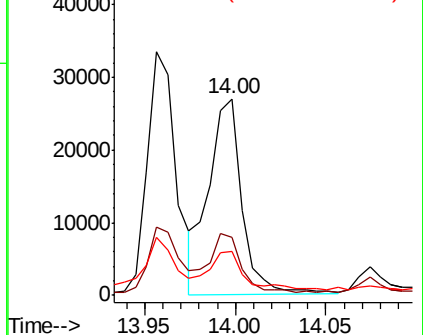


Abundance

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: 2.848 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

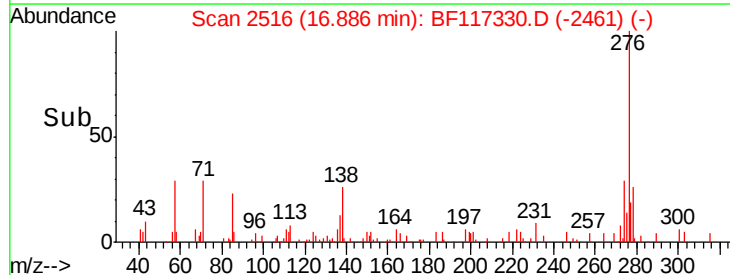
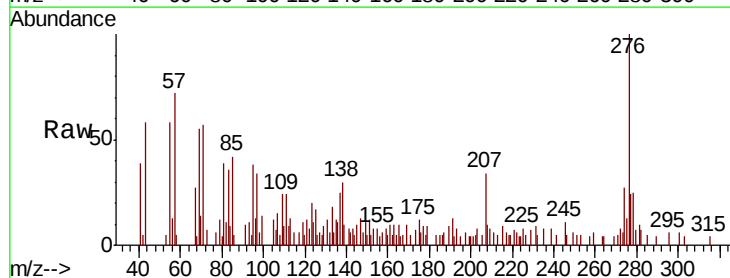
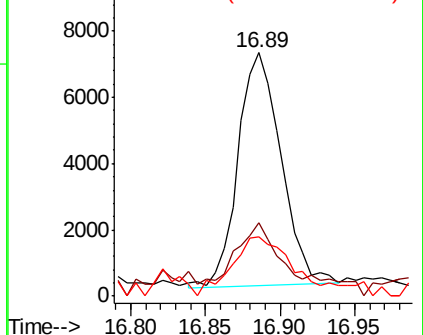
Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.3	20.7	31.1#
277	39.7	19.8	29.8#

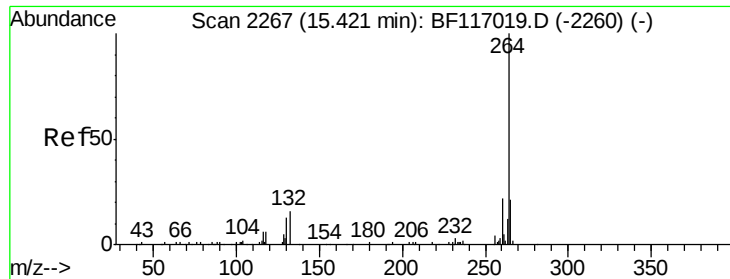
Abundance

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: BF117330.D

Acq: 3 Oct 2019 21:32

Instrument :

BNA_F

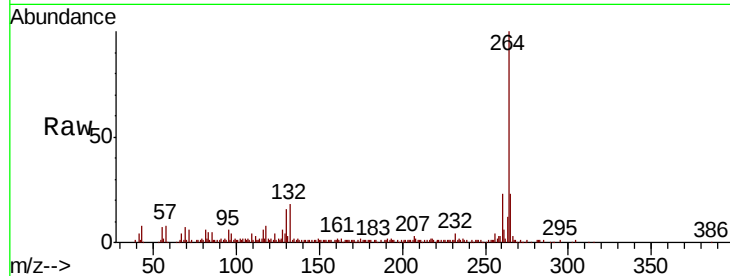
ClientSampleId :

FK-GF-02-047-BRE

Tot Ion:	264	Resp:	101467
Ion Ratio	Lower	Upper	
264	100		
260	22.9	17.6	26.4
265	22.7	16.6	24.8

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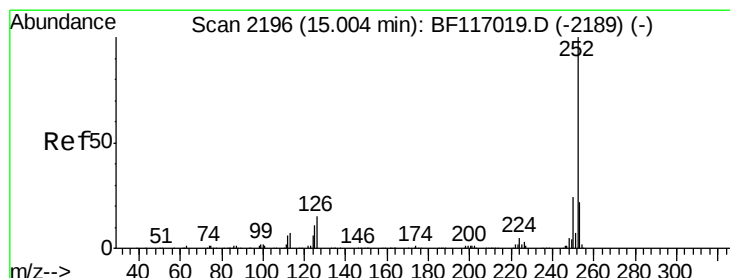
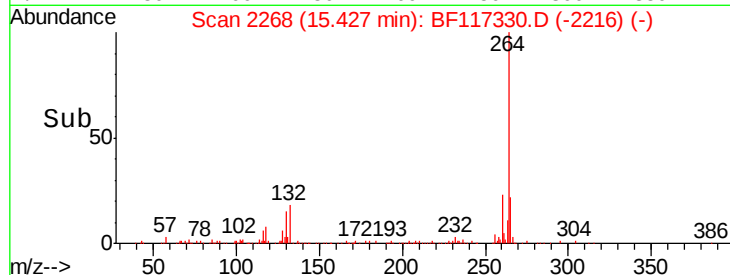
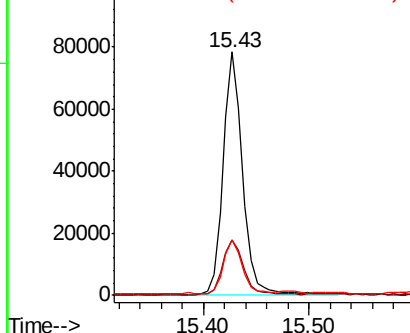


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.231 ng m

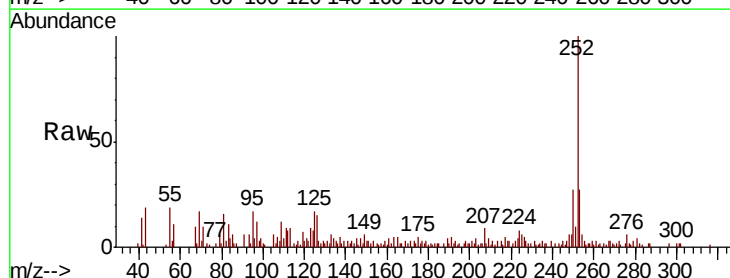
RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF117330.D

Acq: 3 Oct 2019 21:32

Tgt Ion:	252	Resp:	44443
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.6	26.4#
125	16.6	8.6	12.8#

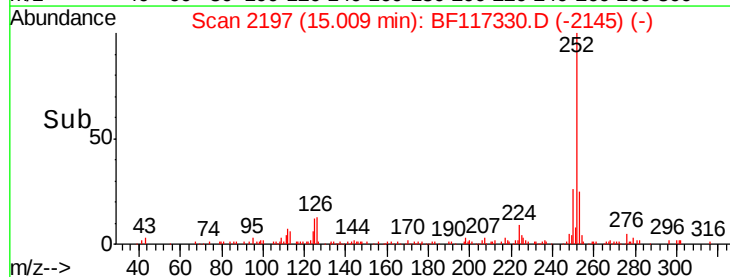
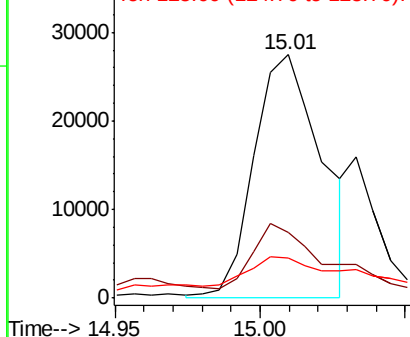


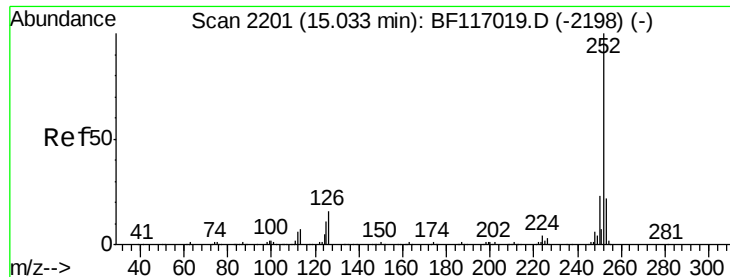
Abundance

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





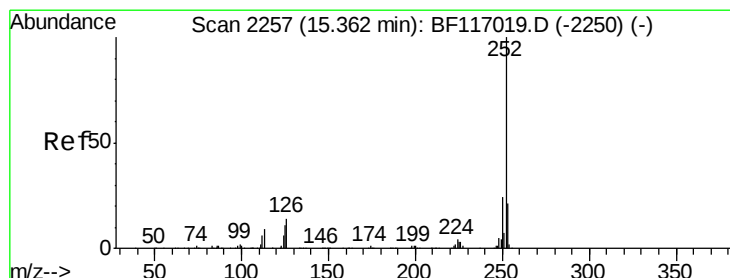
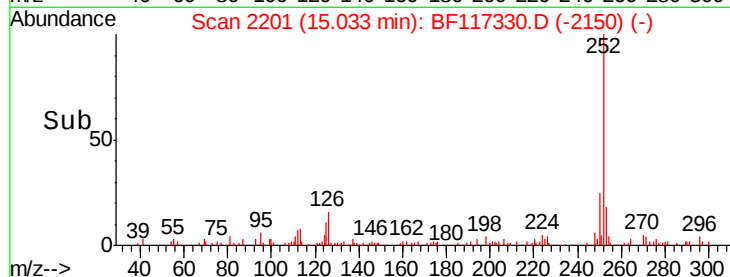
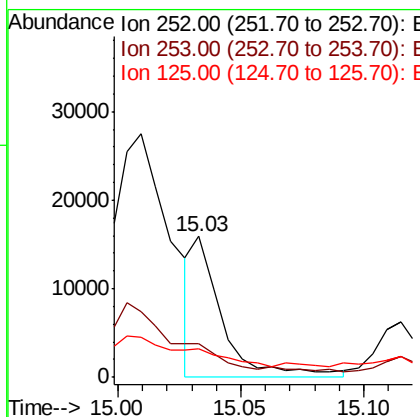
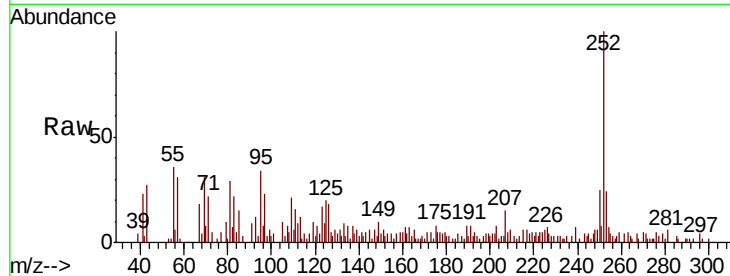
#89
Benzo(k)fluoranthene
Concen: 2.309 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	20.0	8.8	13.2

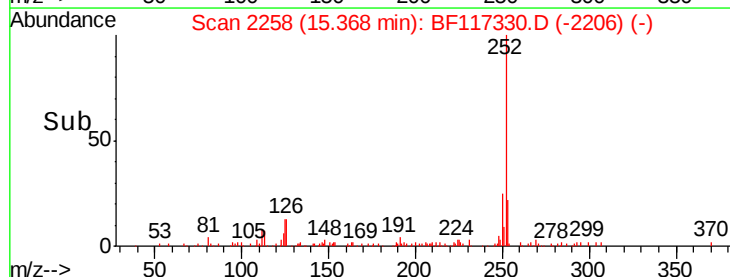
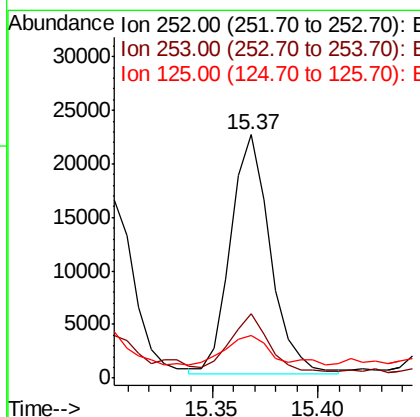
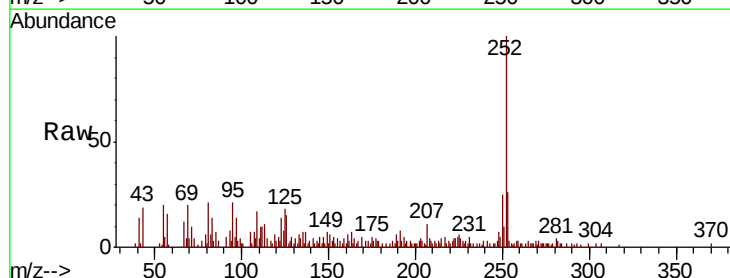
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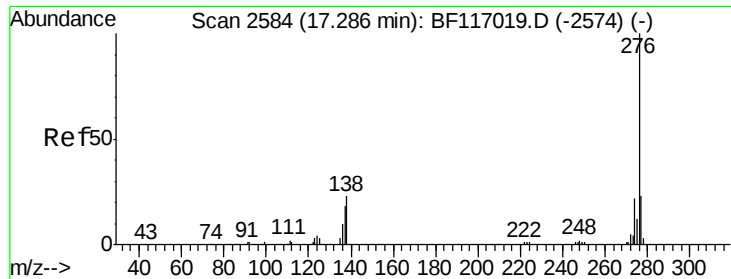
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#90
Benzo(a)pyrene
Concen: 5.386 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.6	25.0
125	17.5	8.9	13.3





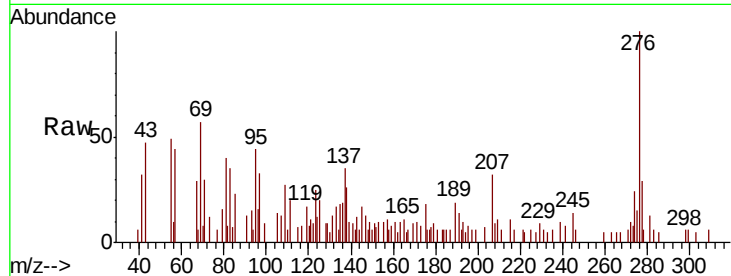
#92
 Benzo(a,h,i)perylene
 Concen: 3.663 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.04 min
 Lab File: BF117330.D
 Acq: 3 Oct 2019 21:32

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.6	27.8#
138	26.1	18.0	27.0

Manual Integrations
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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

