

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119009.D
 Acq On : 21 Feb 2020 23:10
 Operator : CG/JU
 Sample : L1625-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-A

Manual Integrations
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Quant Time: Feb 24 03:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	159748	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	571283	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	269894	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	448607	20.00	ng	0.00
76) Chrysene-d12	13.90	240	351959	20.00	ng	0.00
87) Perylene-d12	15.33	264	323668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	900289	94.18	ng	0.00
7) Phenol-d6	6.40	99	1057750	90.99	ng	0.00
23) Nitrobenzene-d5	7.32	82	679903	62.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	291287	82.50	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1164128	63.54	ng	-0.01
79) Terphenyl-d14	12.85	244	1175643	57.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	105341	5.104	ng	99
71) Phenanthrene	11.29	178	79845	3.264	ng	97
75) Fluoranthene	12.48	202	182601	7.032	ng	97
78) Pyrene	12.71	202	163831	5.797	ng	98
81) Benzo(a)anthracene	13.90	228	94309	3.933	ng	97
83) Chrysene	13.93	228	86714	3.629	ng	97
88) Benzo(b)fluoranthene	14.93	252	115038m	5.392	ng	
90) Benzo(a)pyrene	15.27	252	73502	3.817	ng	# 96
92) Benzo(g,h,i)perylene	17.16	276	38597	2.306	ng	95

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

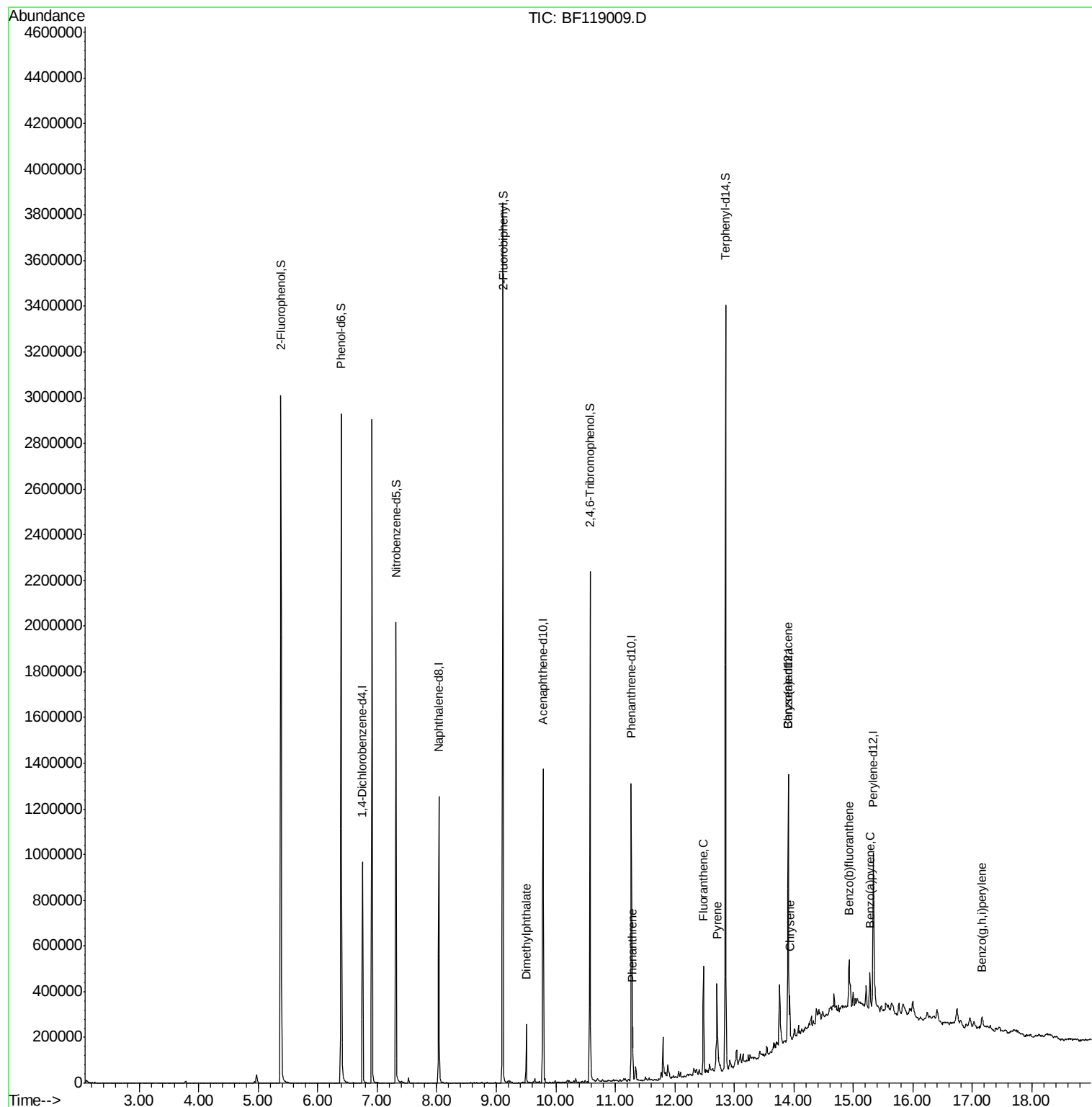
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119009.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1625-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

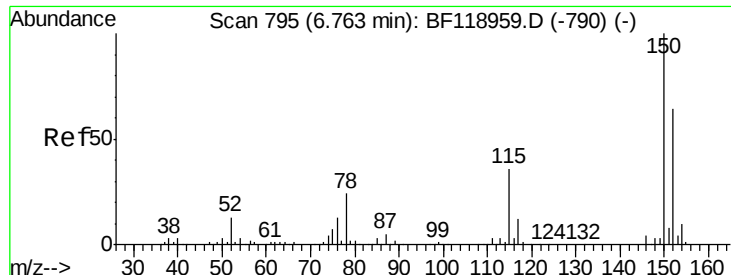
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

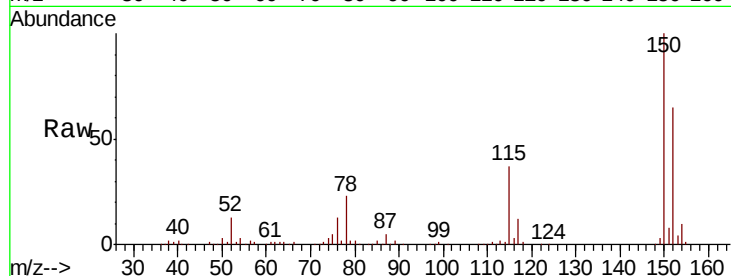
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.3	186.5
115	57.2	44.6	67.0

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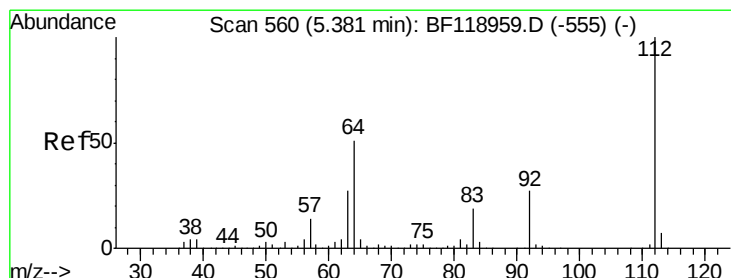
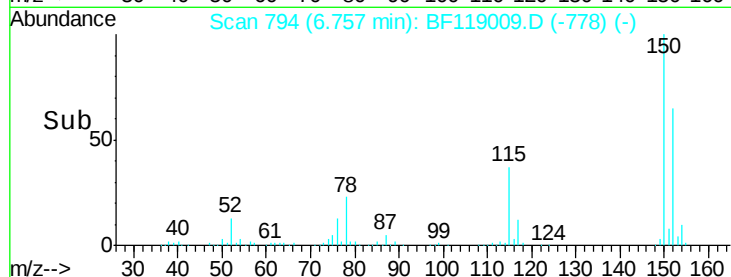
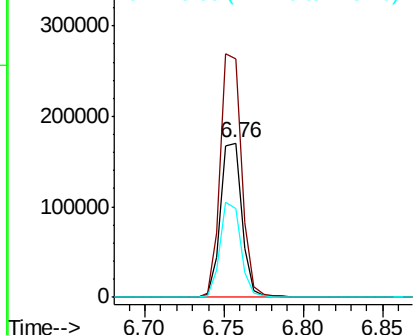


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

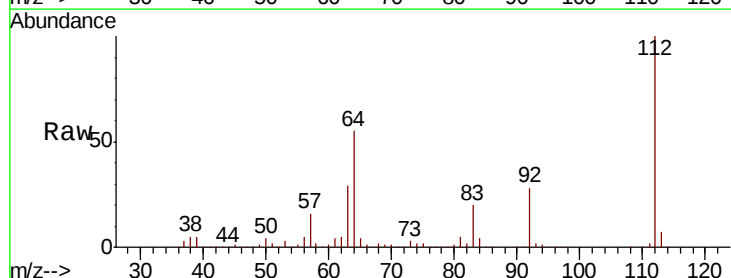
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.182 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	40.4	60.6
63	29.3	21.3	31.9

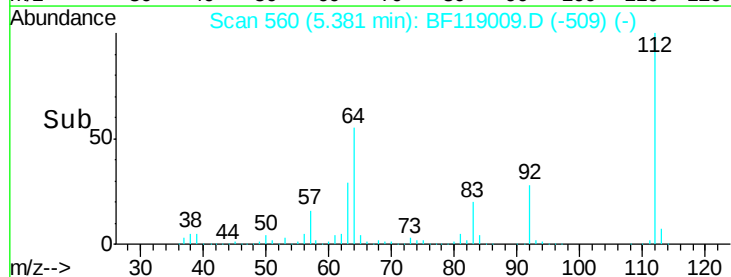
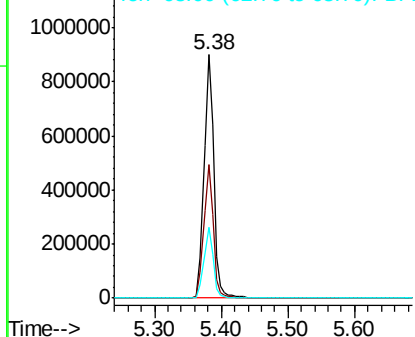


Abundance

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: 90.985 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119009.D

Acq: 21 Feb 2020 23:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-050-A

Tot Ion: 99 Resp: 1057750

Ion Ratio Lower Upper

99 100

42 14.3 11.4 17.0

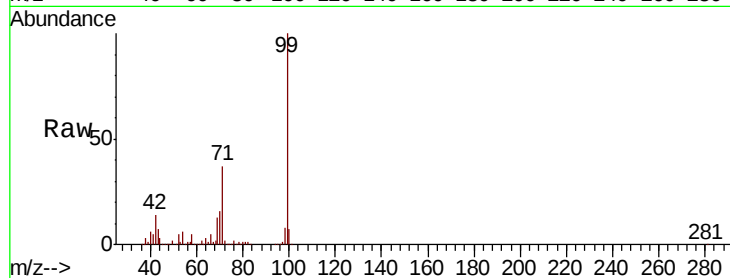
71 37.2 29.8 44.6

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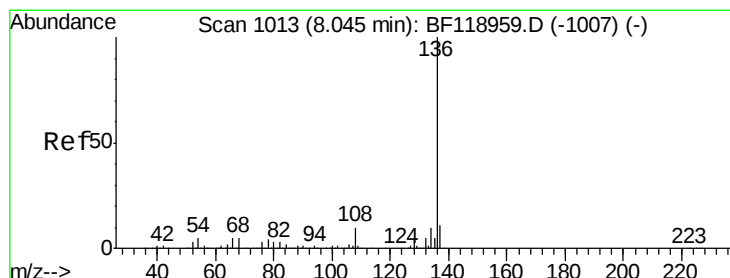
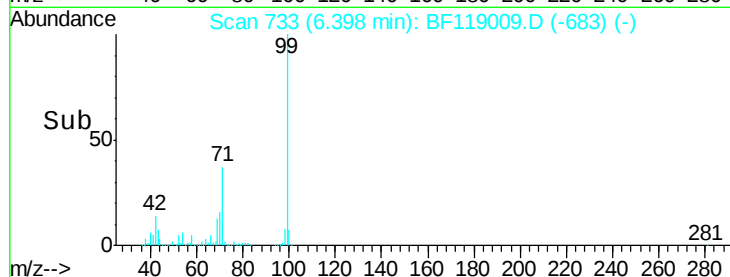
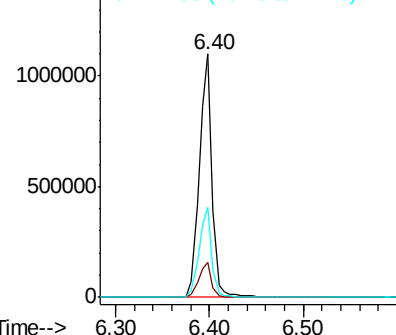
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119009.D

Acq: 21 Feb 2020 23:10

Tgt Ion: 136 Resp: 571283

Ion Ratio Lower Upper

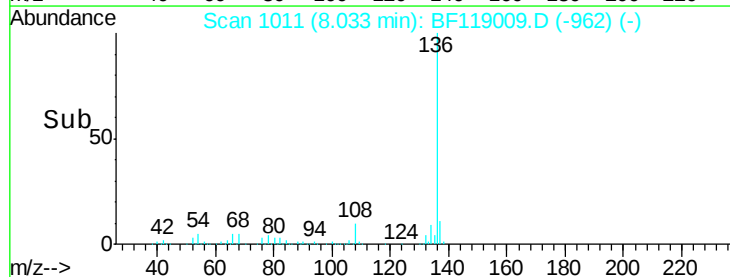
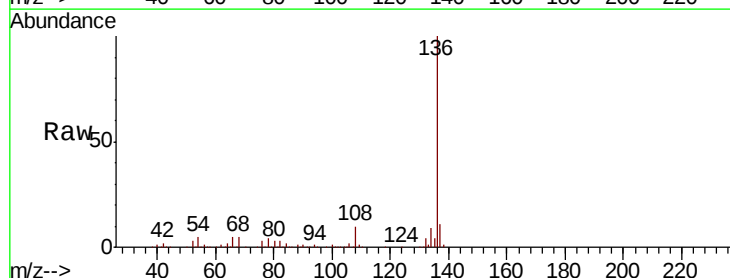
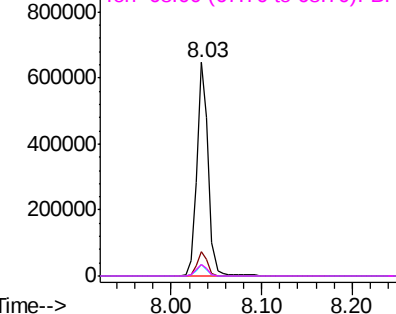
136 100

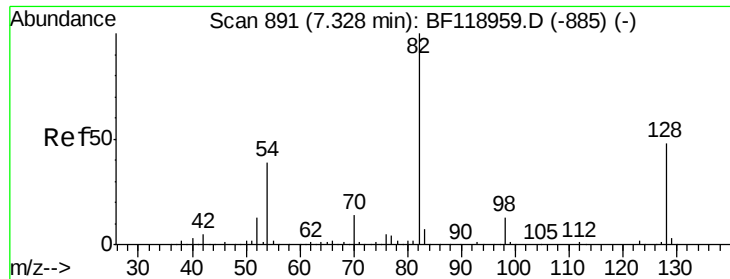
137 11.3 8.9 13.3

54 5.1 3.8 5.6

68 5.3 4.2 6.2

Abundance Ion 136.00 (135.70 to 136.70): E
1000000 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





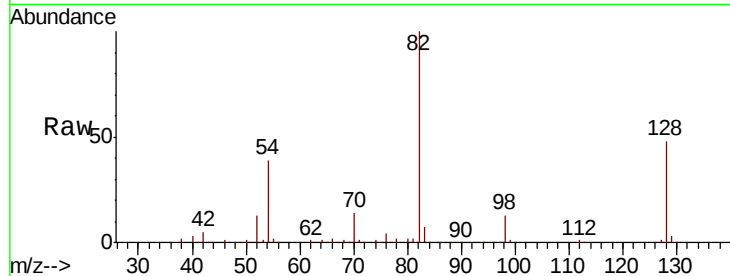
#23
 Nitrobenzene-d5
 Concen: 62.839 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119009.D
 Acq: 21 Feb 2020 23:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-A

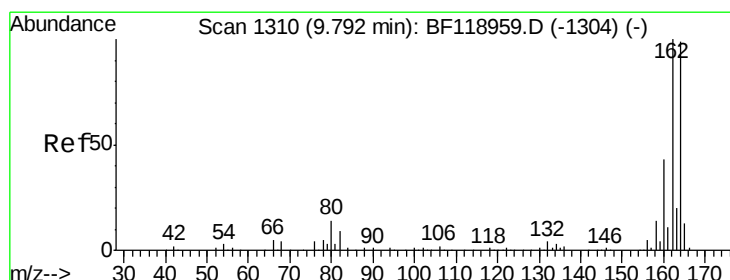
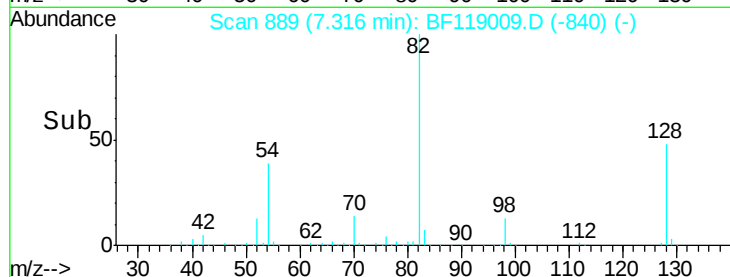
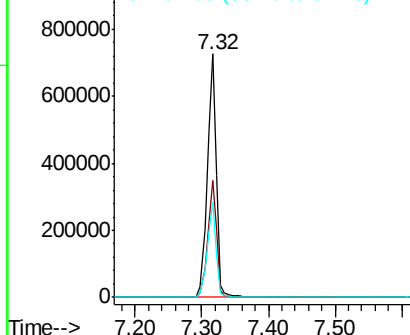
Tot Ion:	82	Resp:	679903
Ion Ratio	Lower	Upper	
82	100		
128	47.8	38.2	57.2
54	39.0	31.3	46.9

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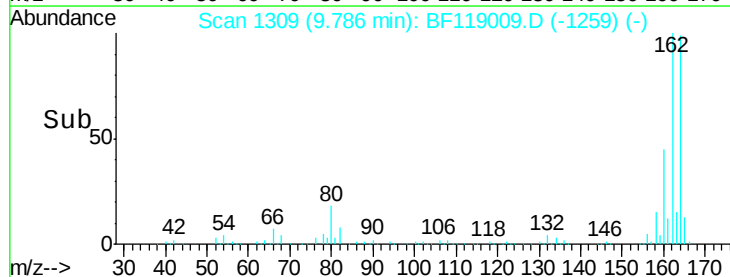
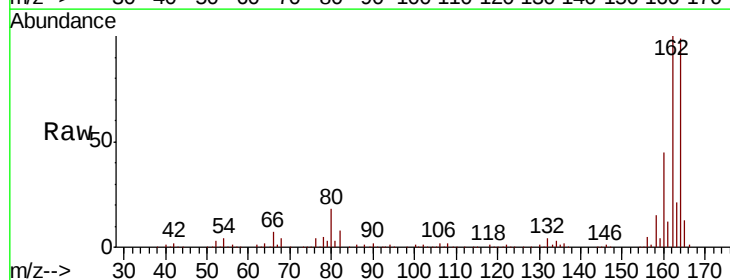
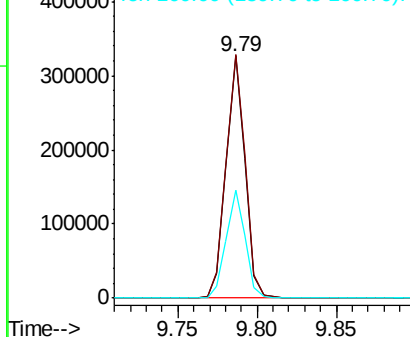
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119009.D
 Acq: 21 Feb 2020 23:10

Tgt Ion:	164	Resp:	269894
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.2	121.8
160	44.9	35.2	52.8

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 82.502 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119009.D

Acq: 21 Feb 2020 23:10

Instrument :

BNA_F

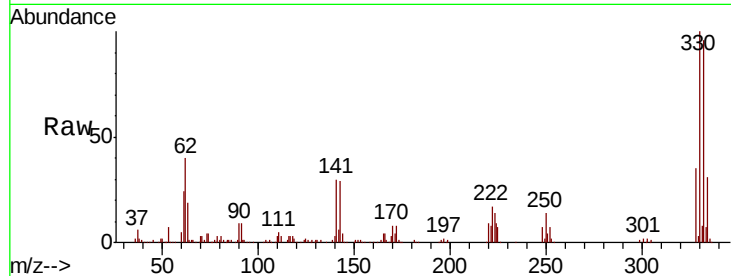
ClientSampleId :

FK-GF-02-050-A

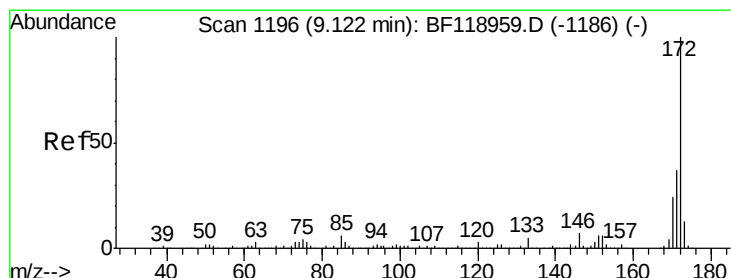
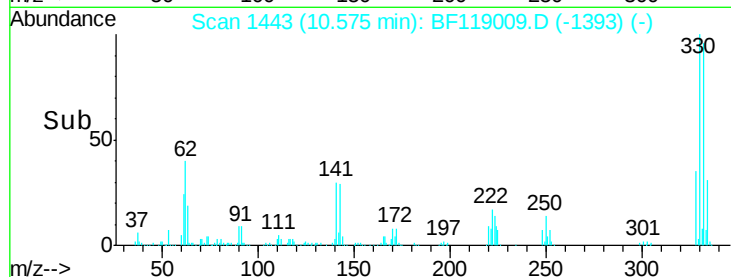
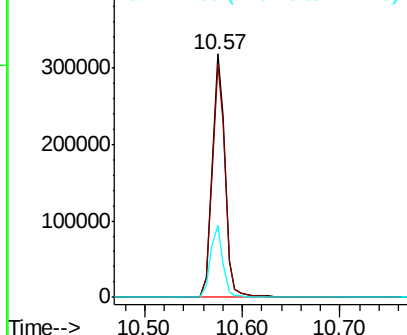
Tot Ion:	330	Resp:	291287
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.1	115.7
141	28.9	23.0	34.6

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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: 63.542 ng

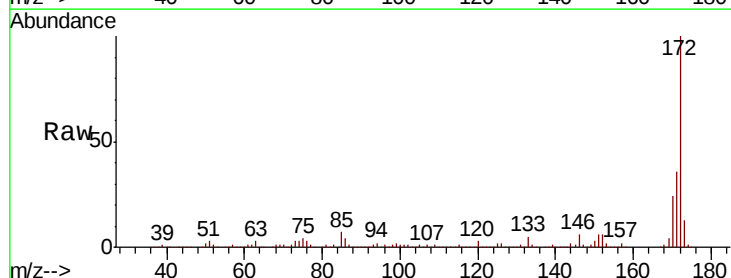
RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

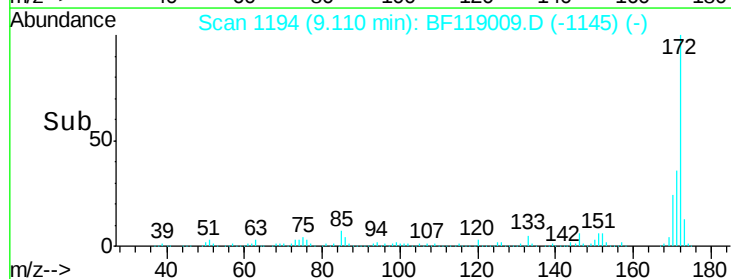
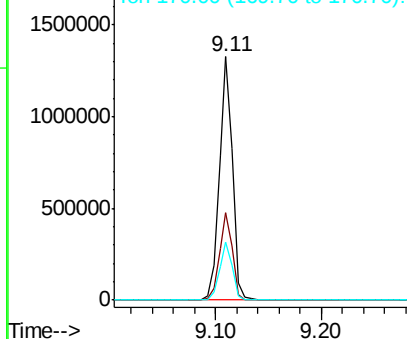
Lab File: BF119009.D

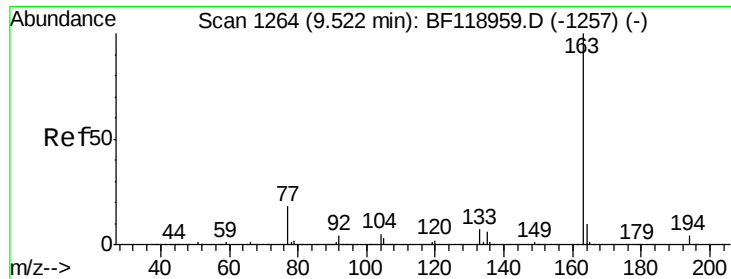
Acq: 21 Feb 2020 23:10

Tgt Ion:	172	Resp:	1164128
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.4	44.2
170	23.6	19.6	29.4



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





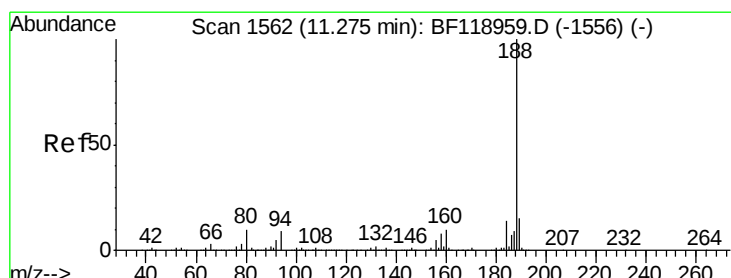
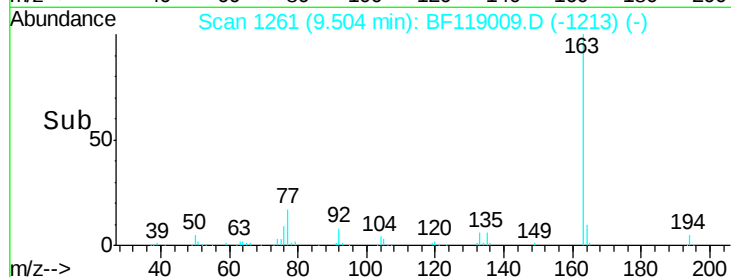
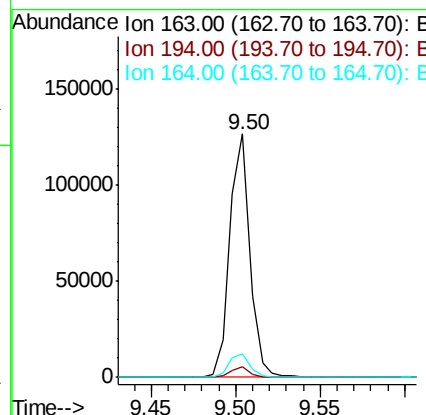
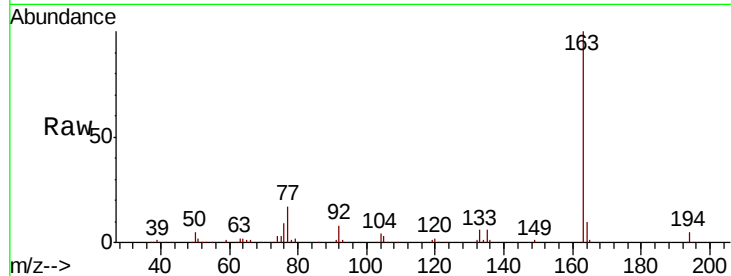
#50
Dimethylphthalate
Concen: 5.104 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.7	8.2	12.2

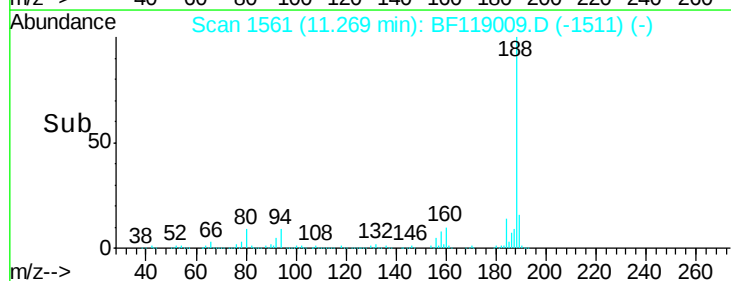
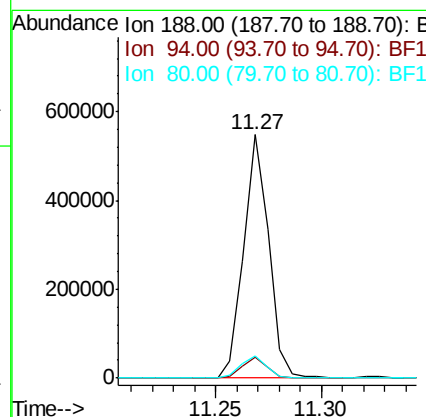
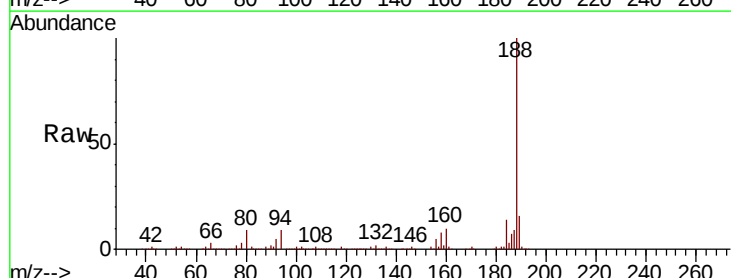
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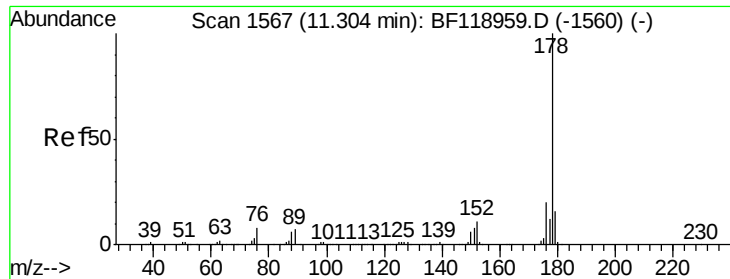
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.3	7.9	11.9





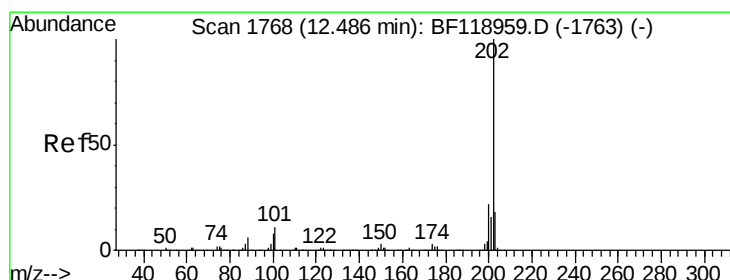
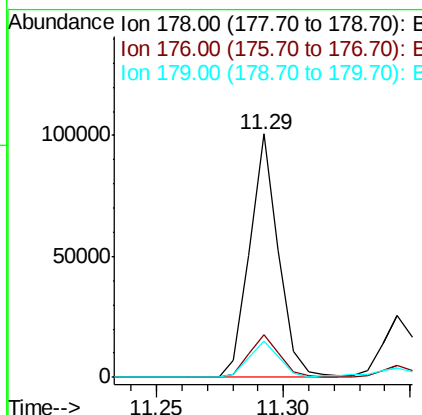
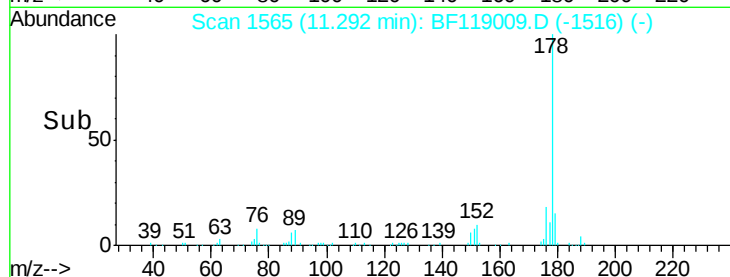
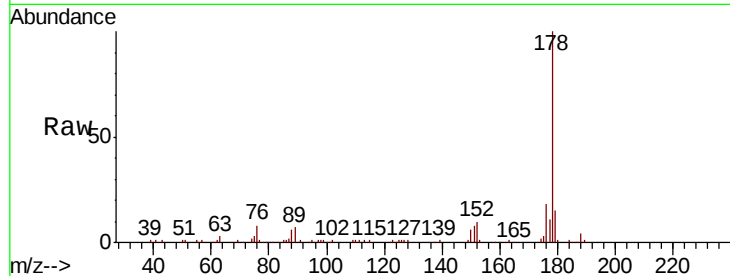
#71
Phenanthrene
Concen: 3.264 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.1	12.6	18.8

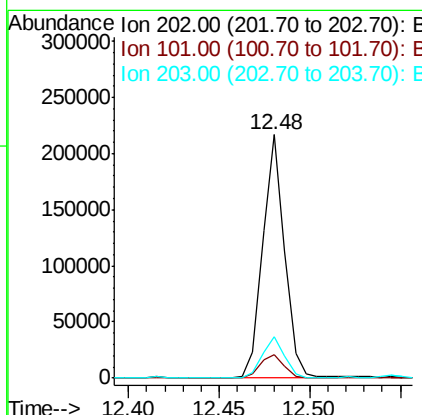
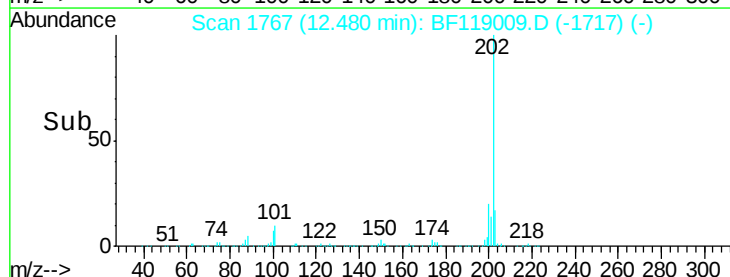
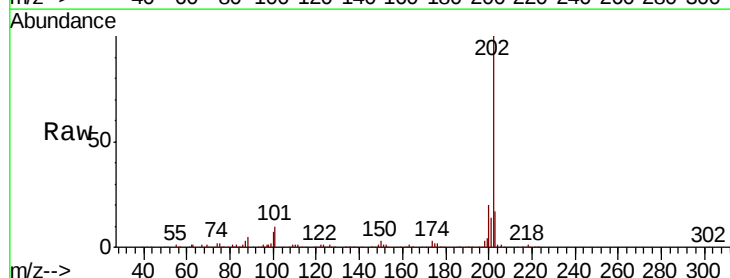
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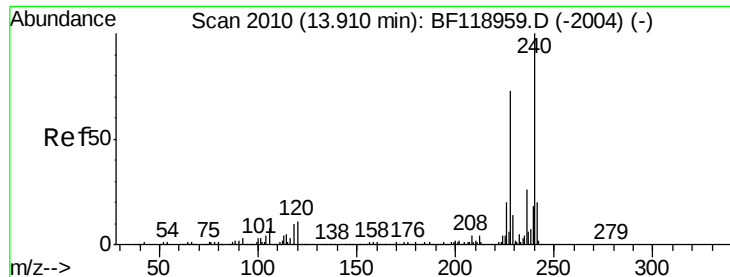
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#75
Fluoranthene
Concen: 7.032 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.0	0.0	38.1





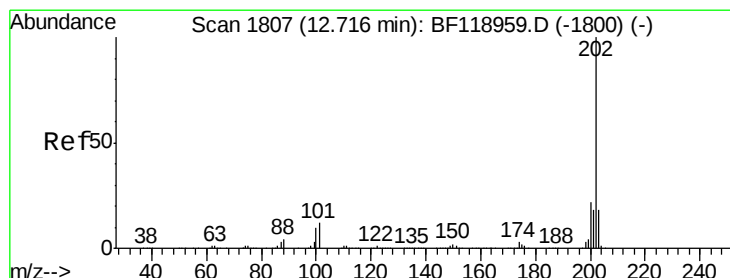
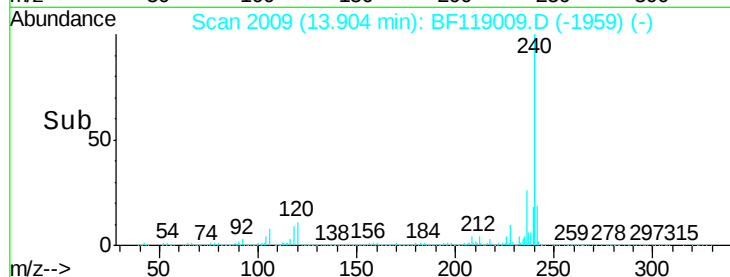
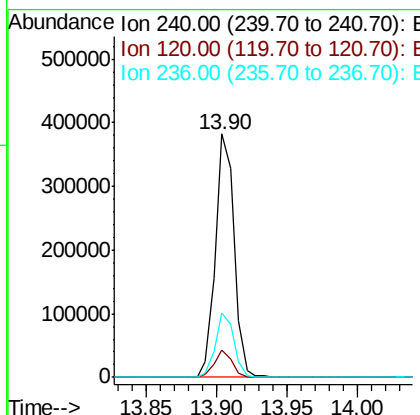
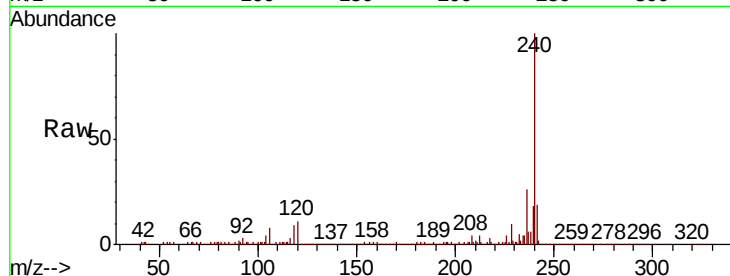
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.3	20.6	30.8

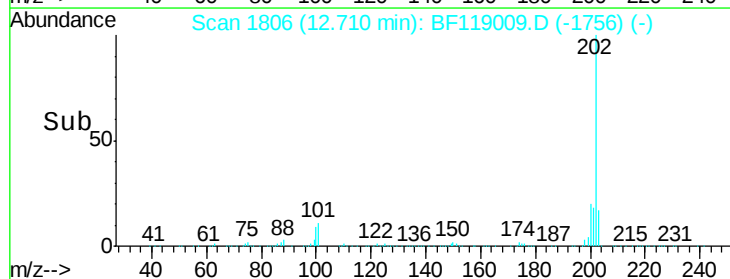
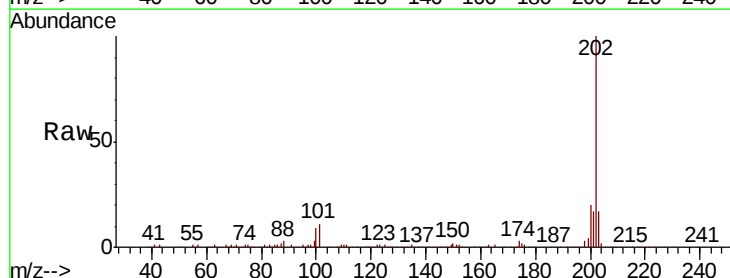
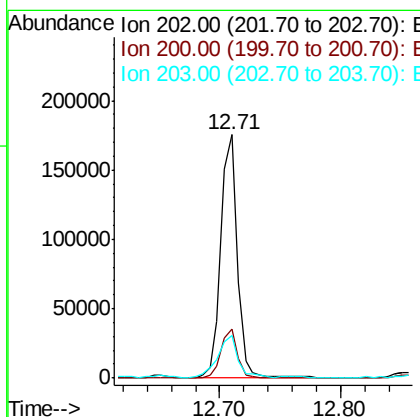
Manual Integrations
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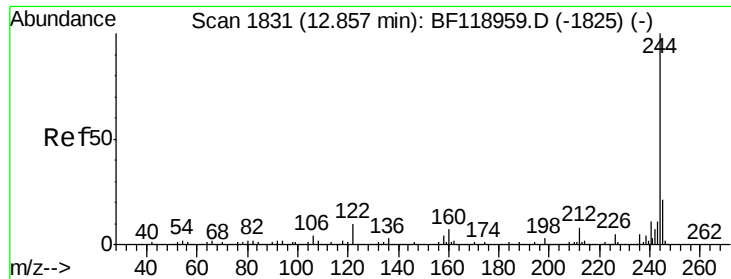
mohammad
2/24/2020 2:11:45 PM



#78
Pyrene
Concen: 5.797 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.0
203	17.4	14.5	21.7





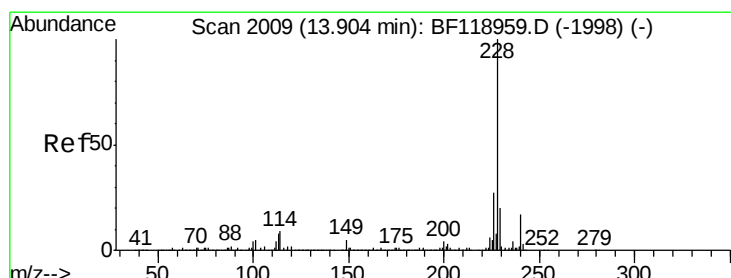
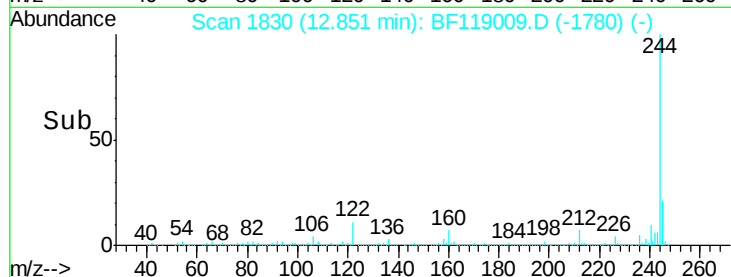
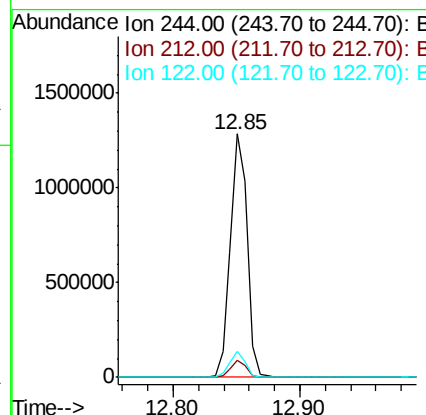
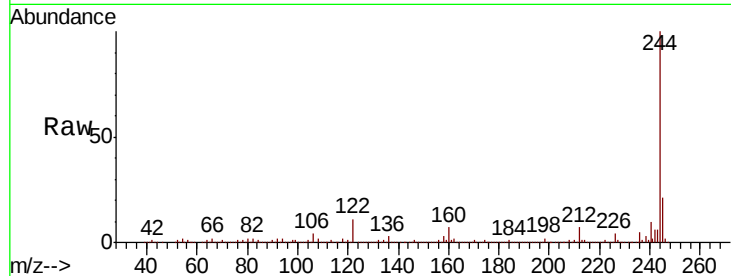
#79
 Terphenyl-d14
 Concen: 57.509 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119009.D
 Acq: 21 Feb 2020 23:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-050-A

Tot Ion:244 Resp: 1175643
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 10.6 8.4 12.6

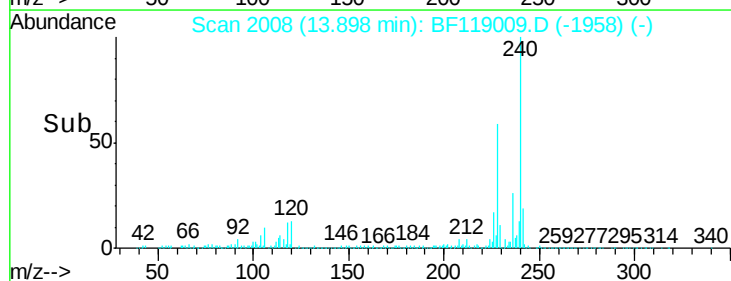
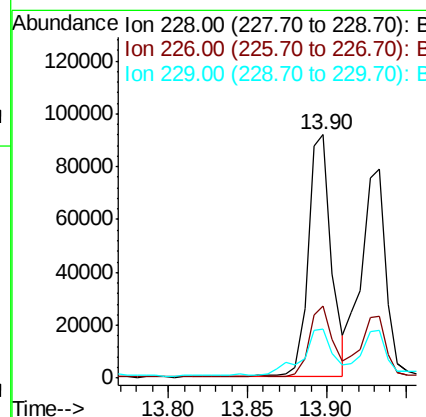
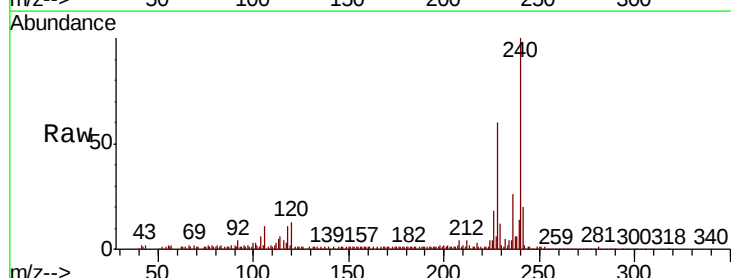
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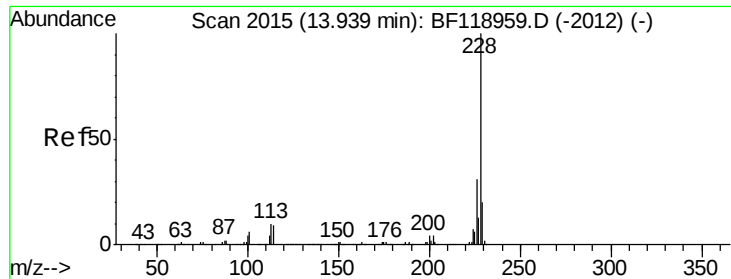
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.933 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119009.D
 Acq: 21 Feb 2020 23:10

Tgt Ion:228 Resp: 94309
 Ion Ratio Lower Upper
 228 100
 226 29.4 21.8 32.8
 229 20.4 16.0 24.0





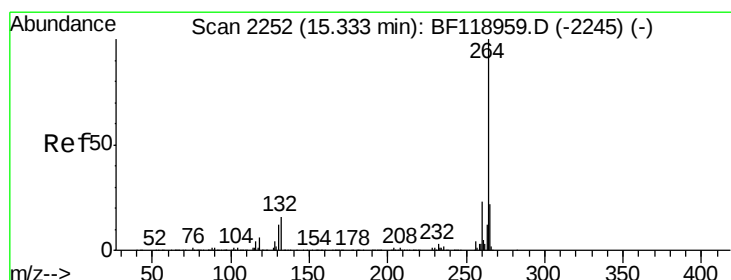
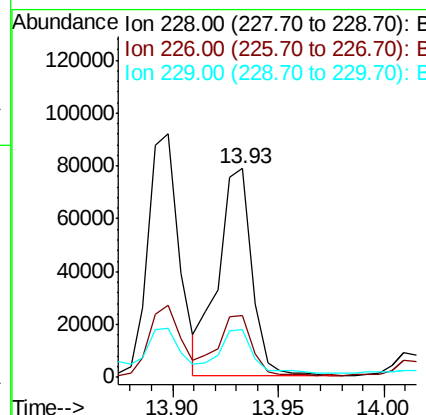
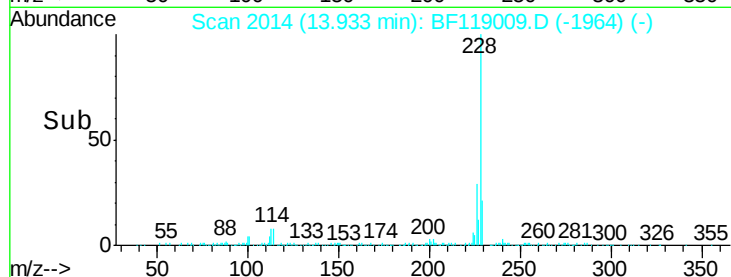
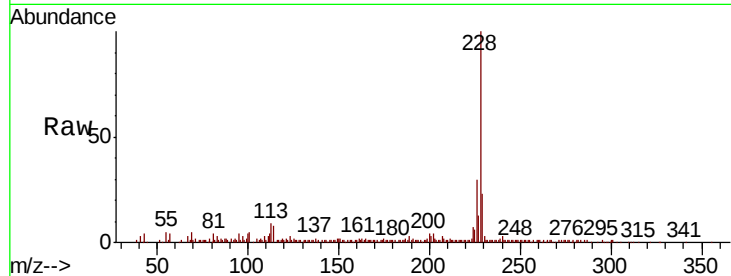
#83
Chrysene
Concen: 3.629 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	22.8	16.2	24.2

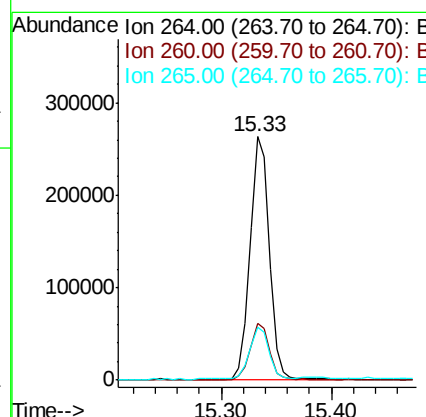
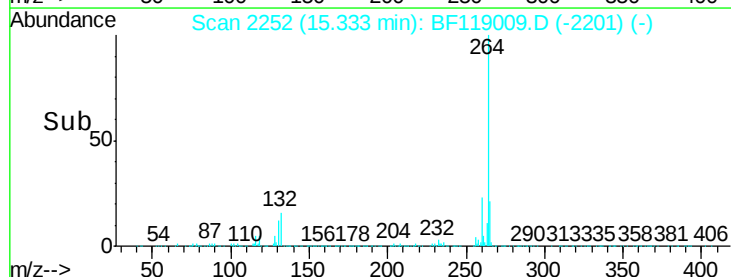
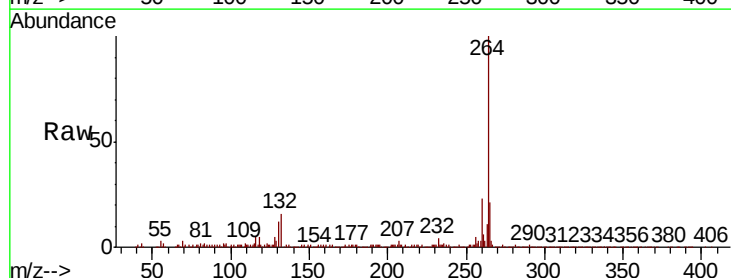
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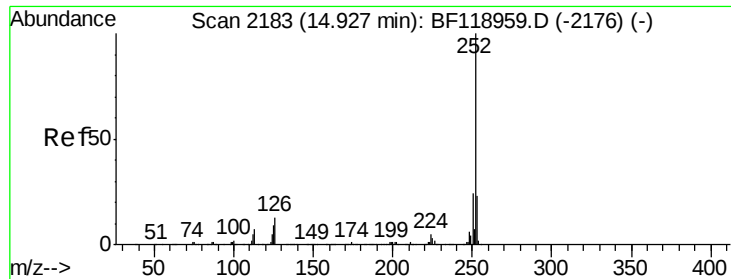
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.5	17.3	25.9





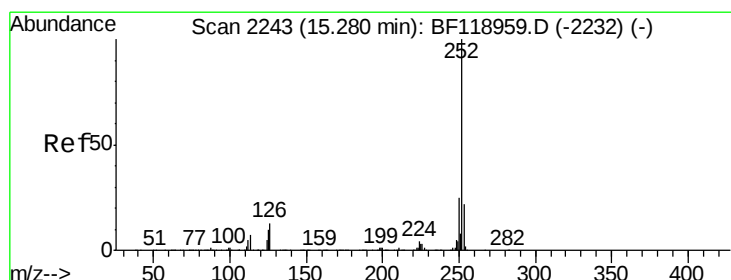
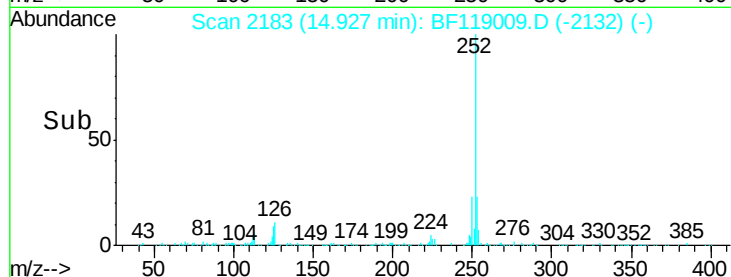
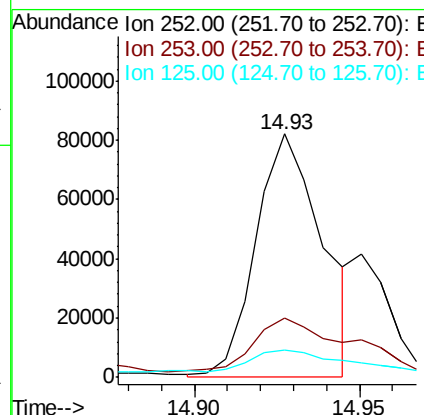
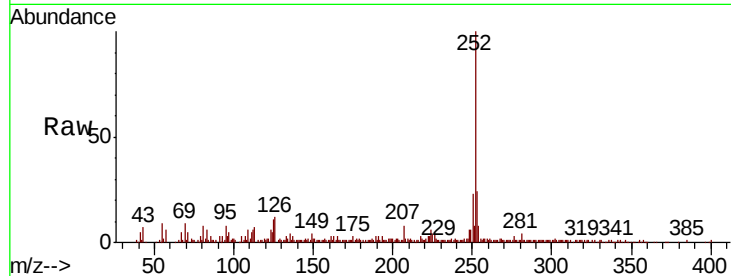
#88
Benzo(b)fluoranthene
Concen: 5.392 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	11.3	7.4	11.0

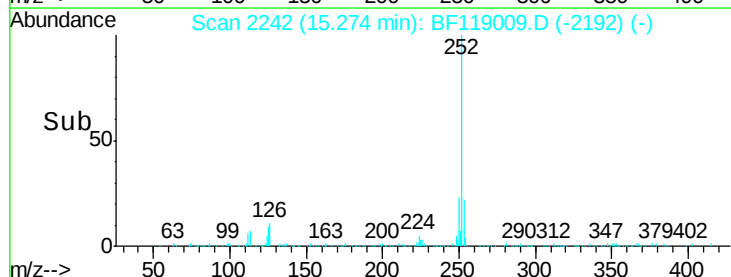
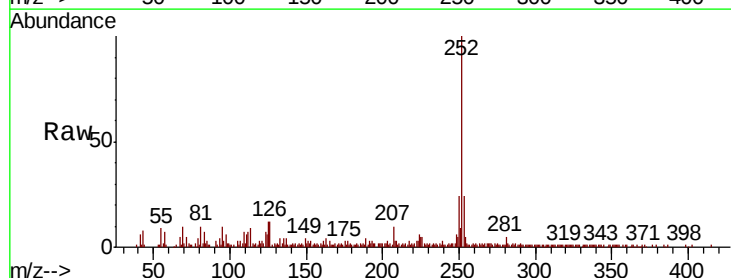
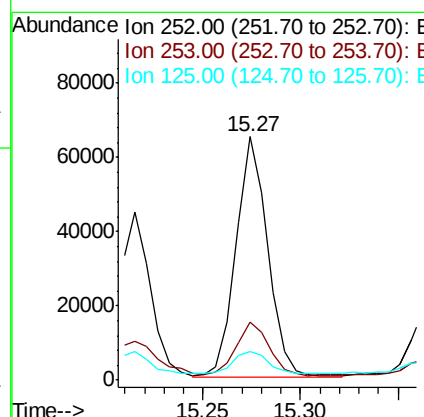
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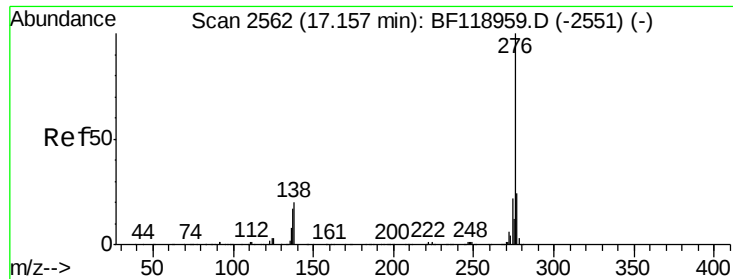
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#90
Benzo(a)pyrene
Concen: 3.817 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	12.0	7.8	11.6





#92

Benzo(a,h,i)perylene

Concen: 2.306 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BF119009.D

Acq: 21 Feb 2020 23:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-050-A

Tot Ion:	276	Resp:	38597
Ion Ratio		Lower	Upper
276	100		
277	26.7	19.2	28.8
138	22.8	16.2	24.4

Manual Integrations
APPROVED

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