

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120506.D
 Acq On : 3 Jun 2020 13:46
 Operator : JU/CG
 Sample : L2839-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM43-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 14:44:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	228209	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	868873	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	458183	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	854072	20.00	ng	0.00
76) Chrysene-d12	14.00	240	585873	20.00	ng	-0.01
86) Perylene-d12	15.46	264	528504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1215696	101.52	ng	0.00
7) Phenol-d6	6.47	99	1550056	105.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	1043777	78.58	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	482654	113.69	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1908164	70.66	ng	0.00
79) Terphenyl-d14	12.95	244	2047661	77.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	370118	12.921	ng	99
71) Phenanthrene	11.38	178	124551	3.310	ng	97
75) Fluoranthene	12.57	202	306705	7.574	ng	99
78) Pyrene	12.80	202	280812	6.892	ng	98
81) Benzo(a)anthracene	13.99	228	144005	4.586	ng	97
83) Chrysene	14.02	228	128466	3.903	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	78421	2.713	ng	96
88) Benzo(b)fluoranthene	15.03	252	163344m	5.564	ng	
90) Benzo(a)pyrene	15.39	252	109671	4.271	ng	98
92) Benzo(g,h,i)perylene	17.33	276	76321	3.284	ng	99

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

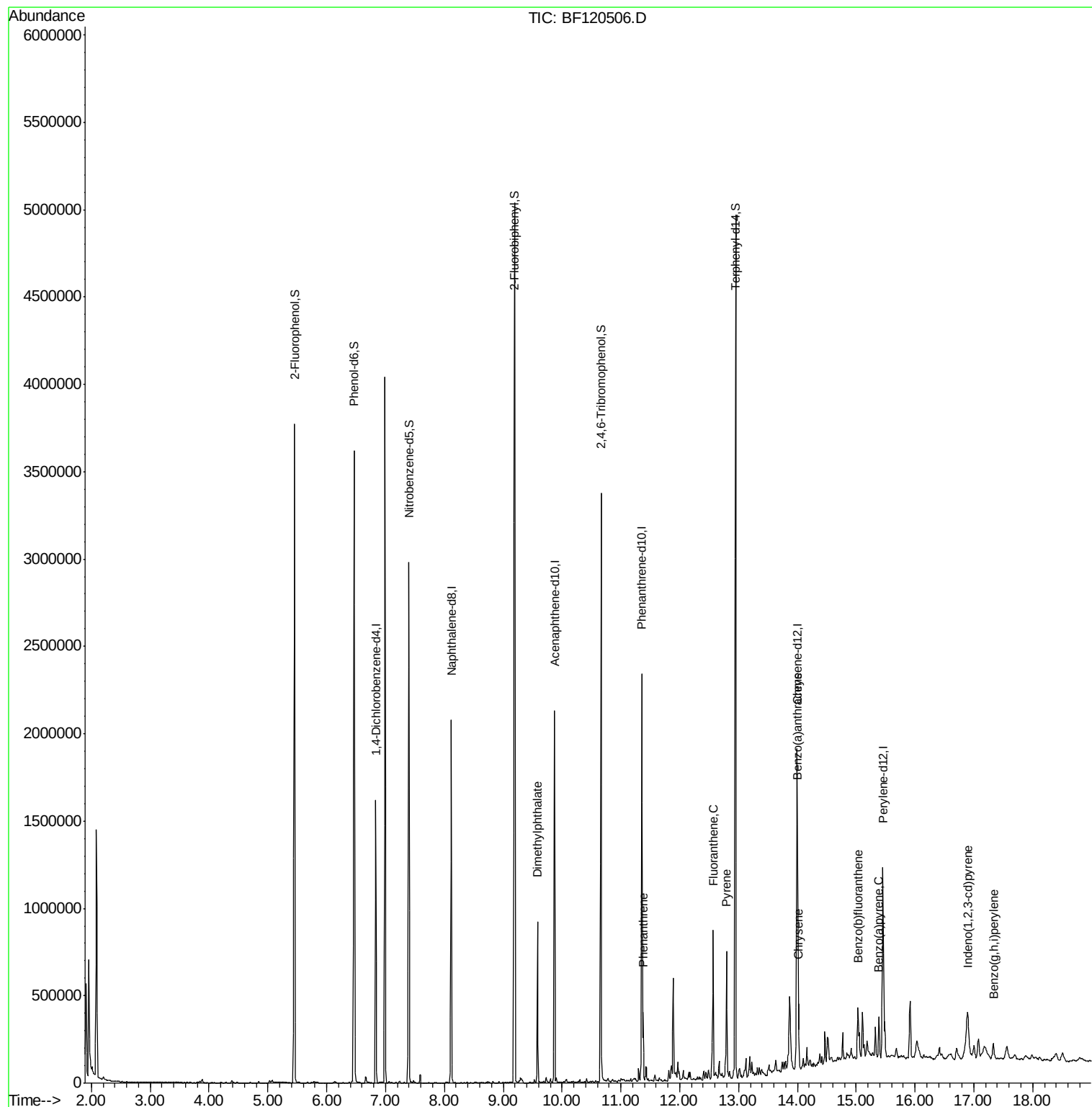
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120506.D
Acq On : 3 Jun 2020 13:46
Operator : JU/CG
Sample : L2839-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

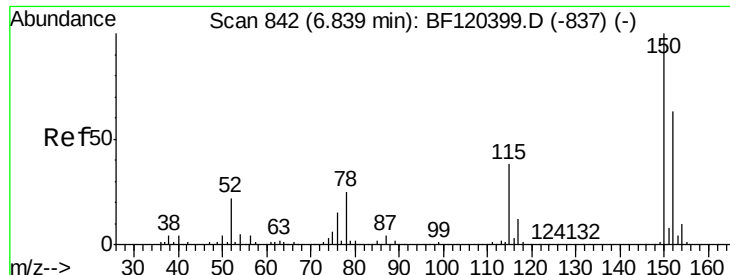
Instrument :
BNA_F
ClientSampleId :
NM43-COMP-2020-0-6

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Quant Time: Jun 03 14:44:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration





#1

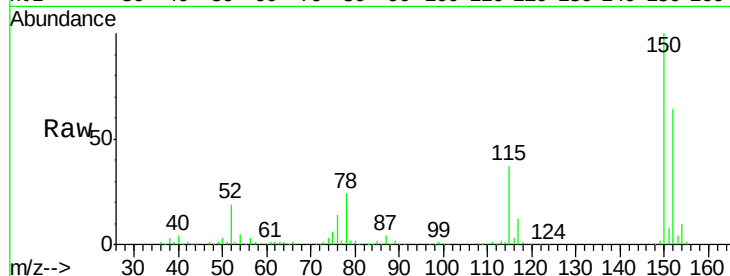
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Instrument :
BNA_F
ClientSampleId :
NM43-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.1	190.7
115	57.3	48.7	73.1

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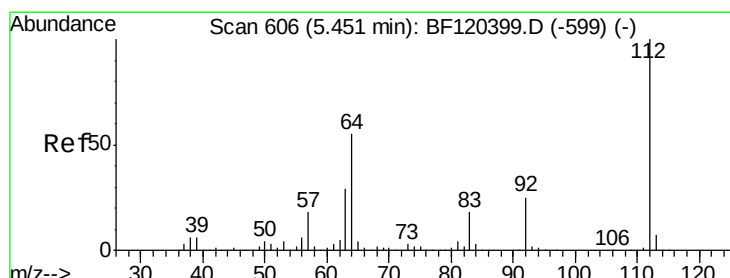
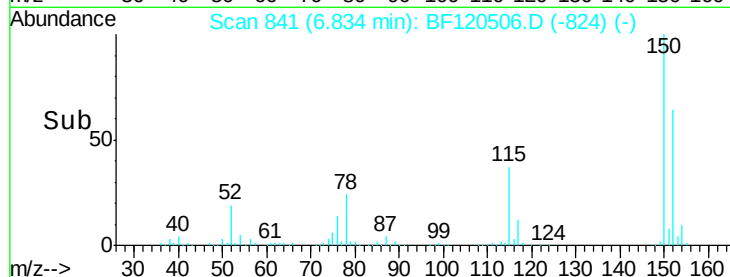
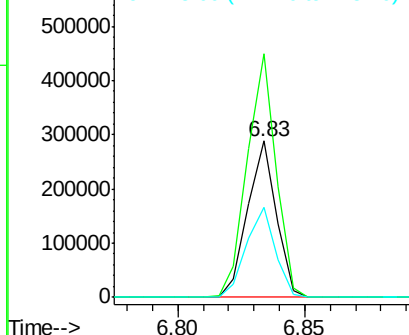


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

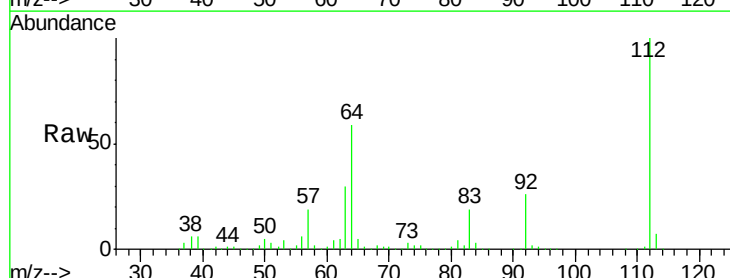
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.521 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.8	68.8
63	30.4	23.7	35.5

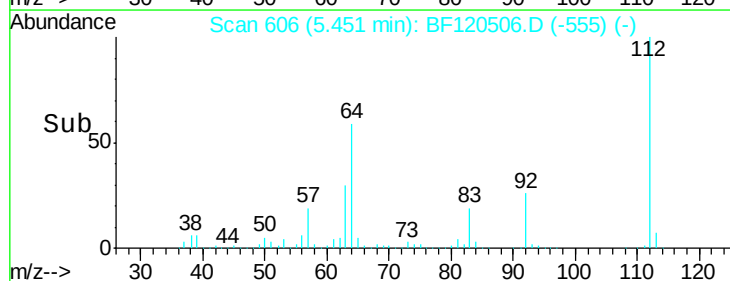
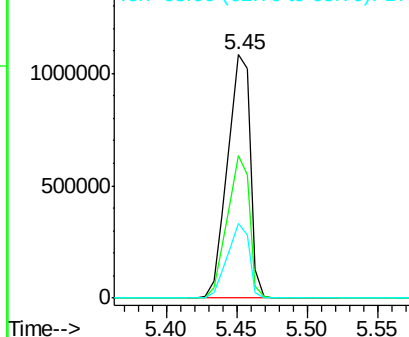


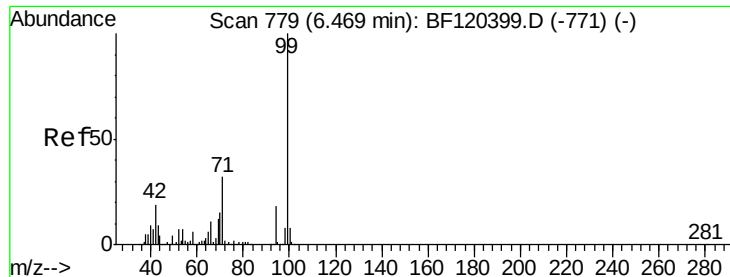
Abundance

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: 105.019 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120506.D

Acq: 3 Jun 2020 13:46

Instrument :

BNA_F

ClientSampleId :

NM43-COMP-2020-0-6

Tot Ion: 99 Resp: 1550056

Ion Ratio Lower Upper

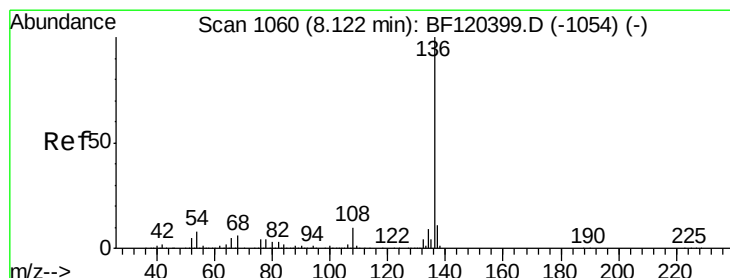
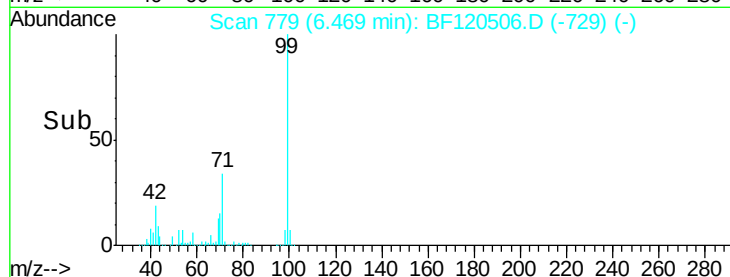
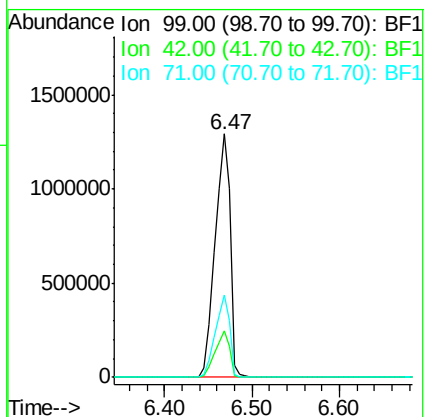
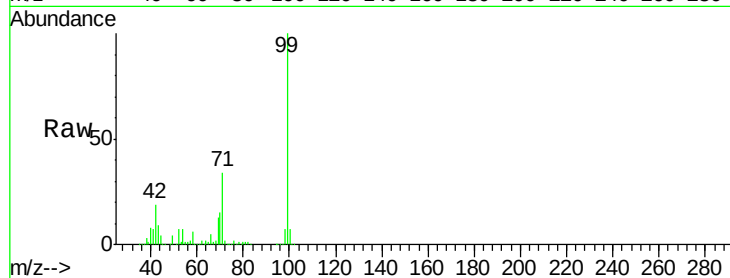
99 100

42 18.9 15.0 22.4

71 33.7 26.3 39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120506.D

Acq: 3 Jun 2020 13:46

Tgt Ion: 136 Resp: 868873

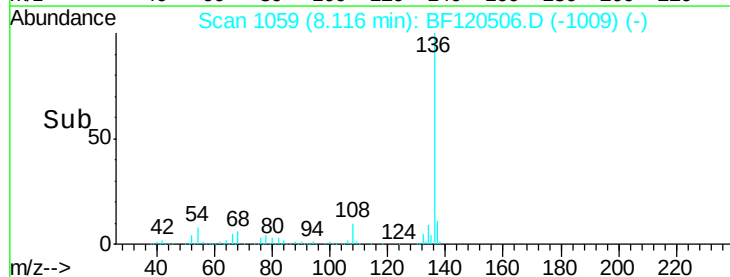
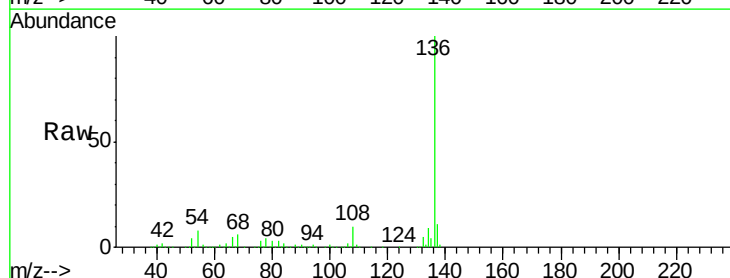
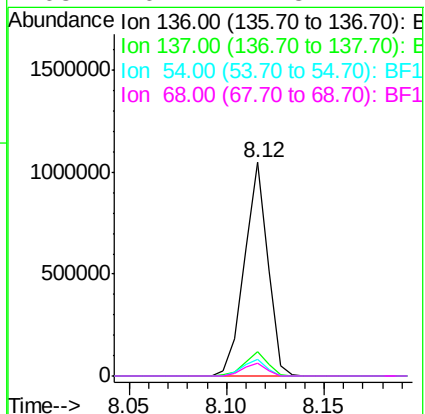
Ion Ratio Lower Upper

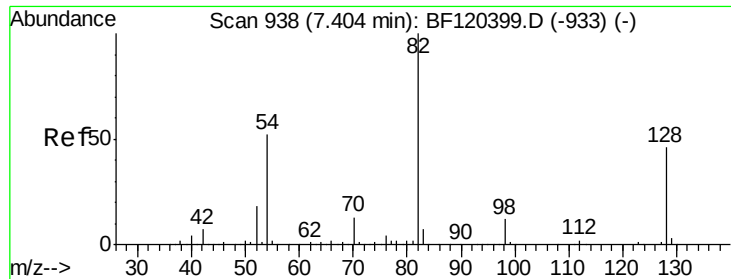
136 100

137 11.2 9.0 13.4

54 7.6 6.0 9.0

68 6.1 4.8 7.2





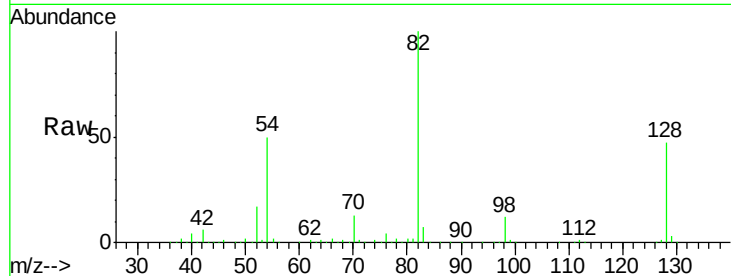
#23
Nitrobenzene-d5
Concen: 78.581 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Instrument :
BNA_F
ClientSampleId :
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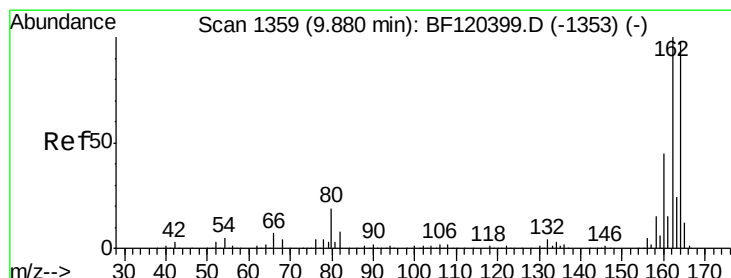
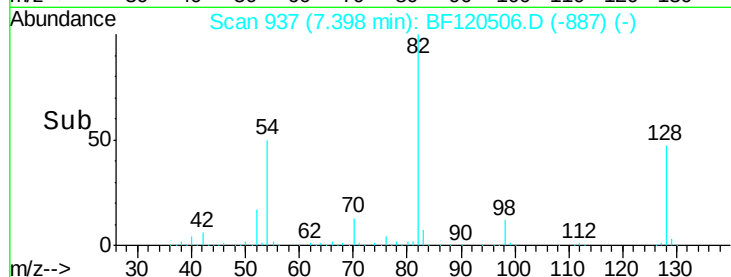
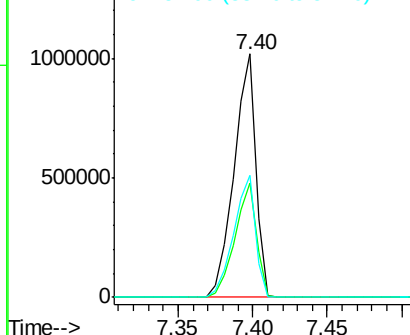
Tot Ion: 82 Resp: 1043777
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 49.9 40.7 61.1

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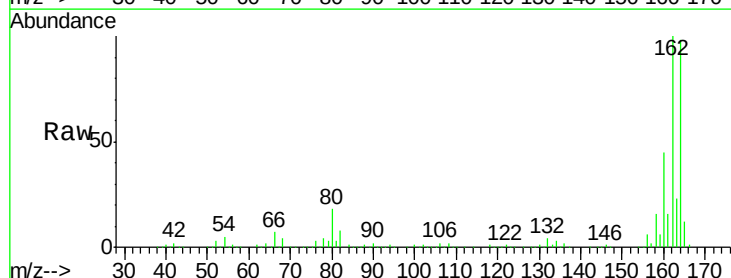


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

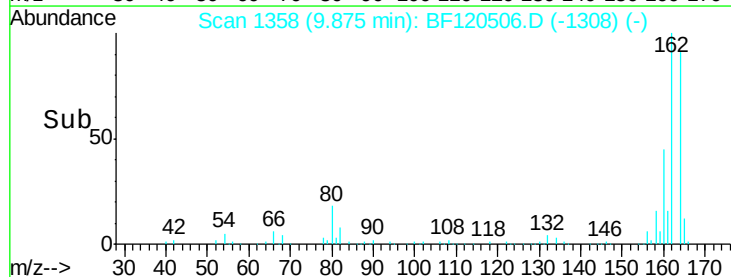
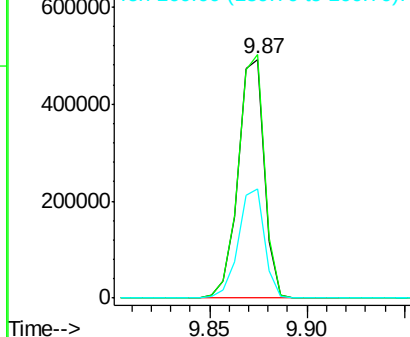


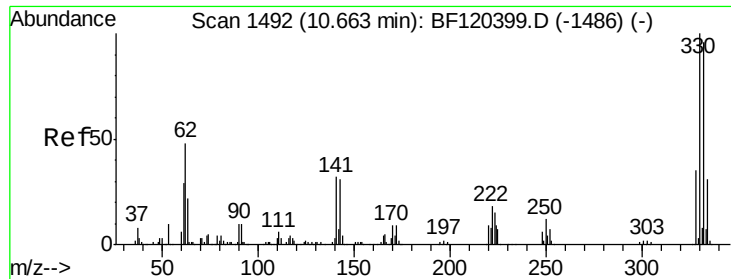
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Tgt Ion: 164 Resp: 458183
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 45.9 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 113.692 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF120506.D

Acq: 3 Jun 2020 13:46

Instrument :

BNA_F

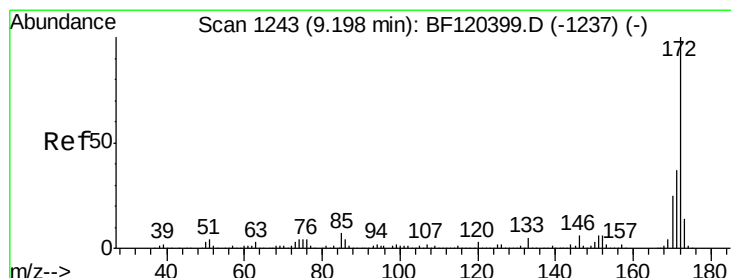
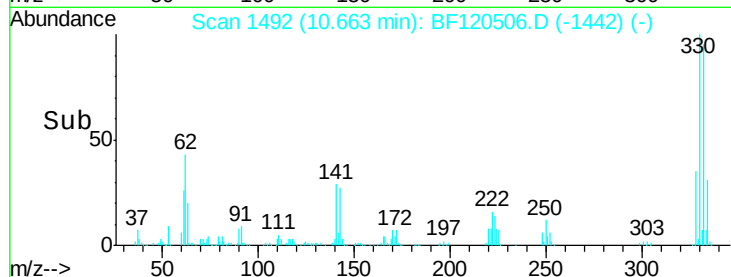
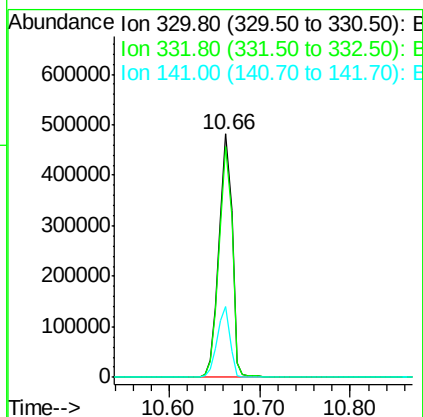
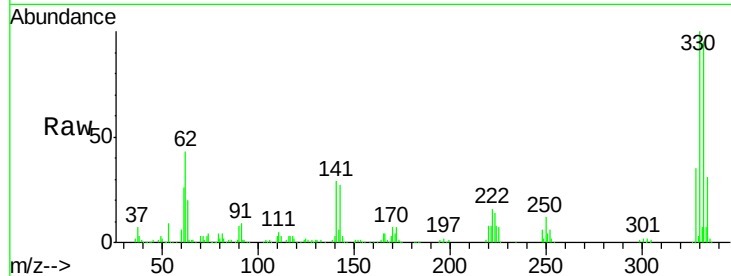
ClientSampleId :

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Tot Ion:	330	Resp:	482654
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.4	116.2
141	28.8	23.5	35.3

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#45

2-Fluorobiphenyl

Concen: 70.661 ng

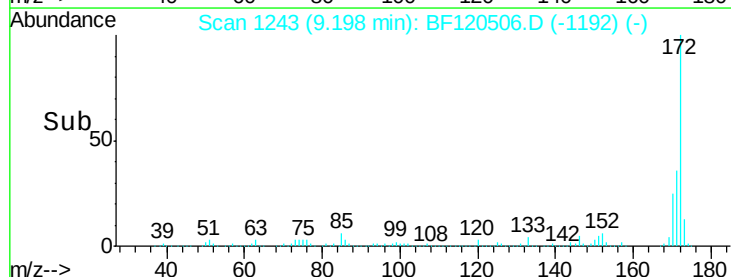
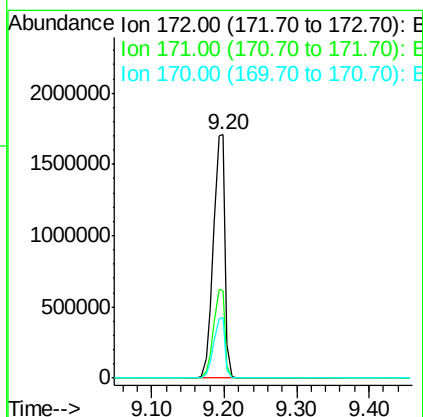
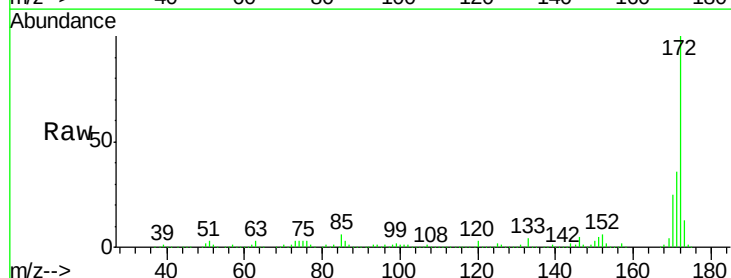
RT: 9.20 min Scan# 1243

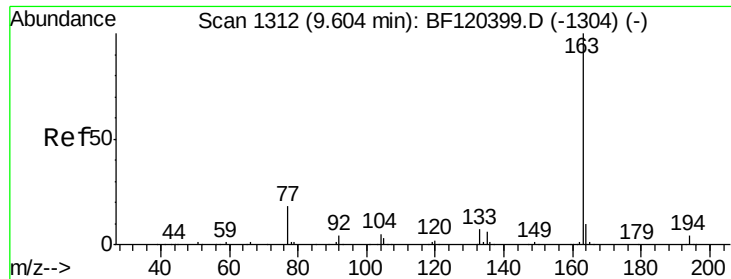
Delta R.T. 0.00 min

Lab File: BF120506.D

Acq: 3 Jun 2020 13:46

Tgt Ion:	172	Resp:	1908164
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.2	43.8
170	24.7	20.1	30.1





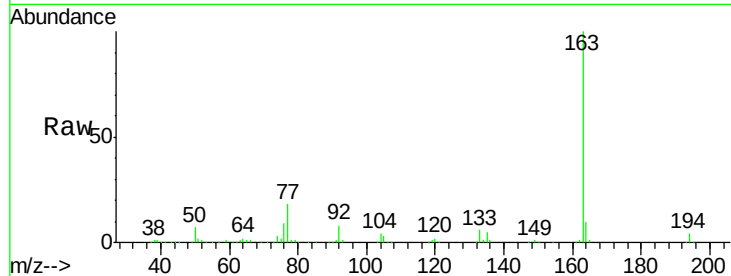
#50
Dimethylphthalate
Concen: 12.921 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Instrument :
BNA_F
ClientSampleId :
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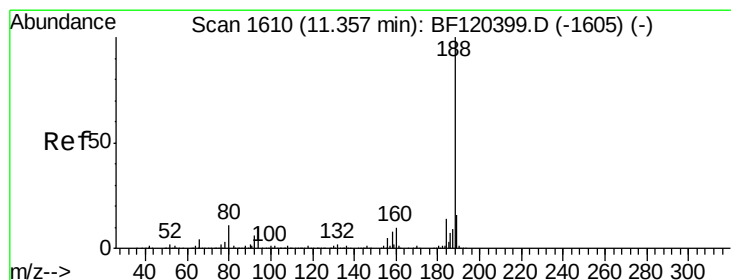
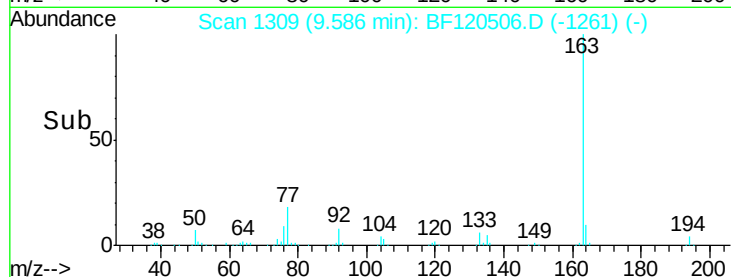
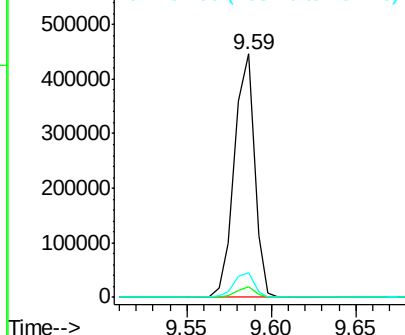
Tot Ion	Ratio	Resp	Lower	Upper
163	100	370118		
194	4.2		3.1	4.7
164	10.2		8.2	12.4

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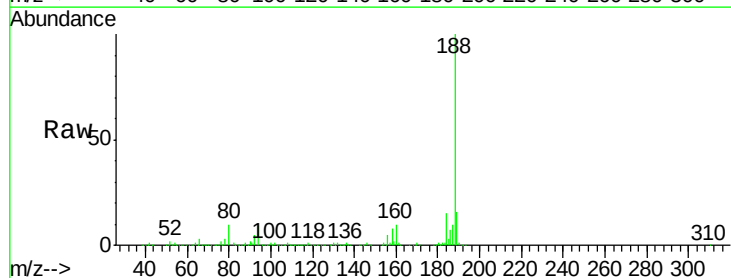


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

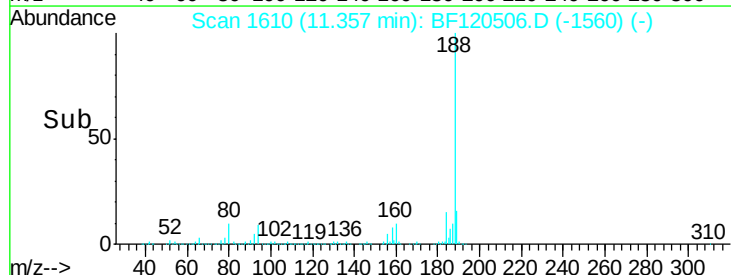
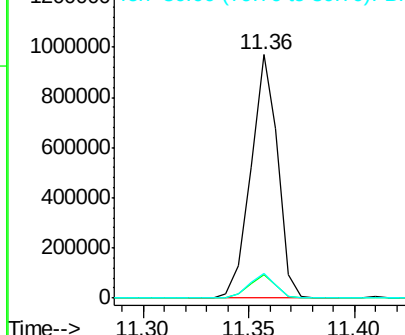


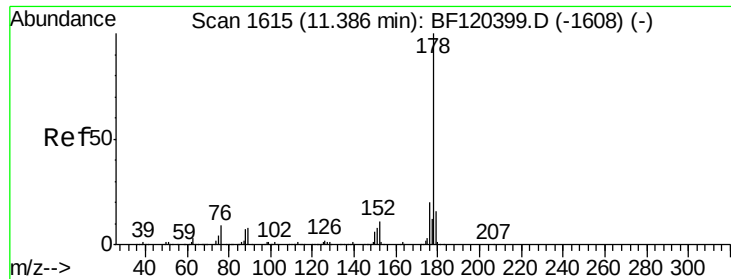
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	854072		
94	9.5		7.5	11.3
80	10.2		7.9	11.9



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





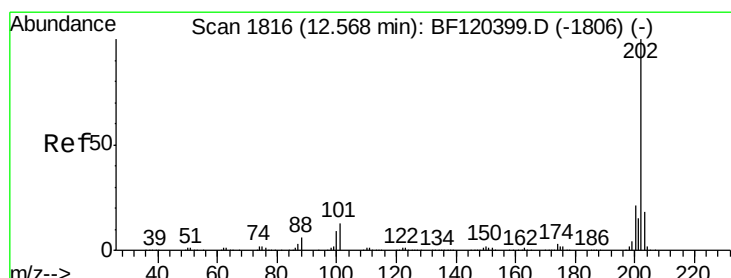
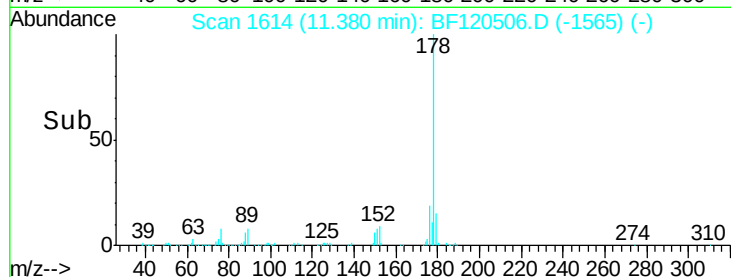
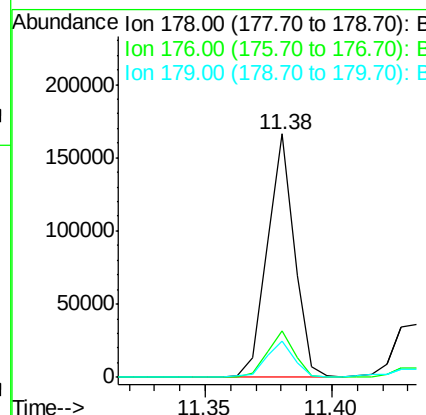
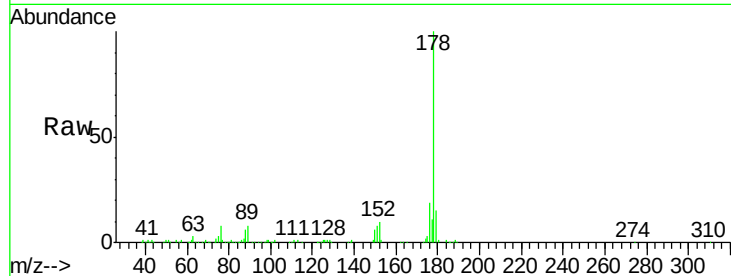
#71
Phenanthrene
Concen: 3.310 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Instrument :
BNA_F
ClientSampleId :
NM43-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	24.8
179	15.0	13.0	19.4

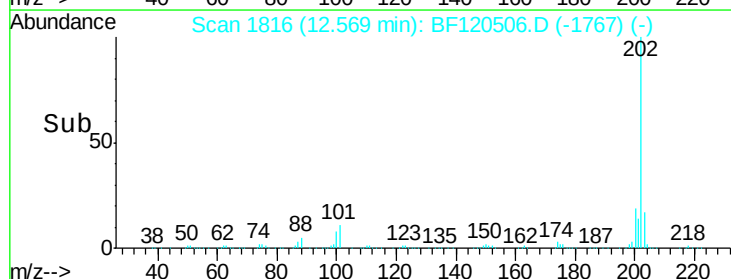
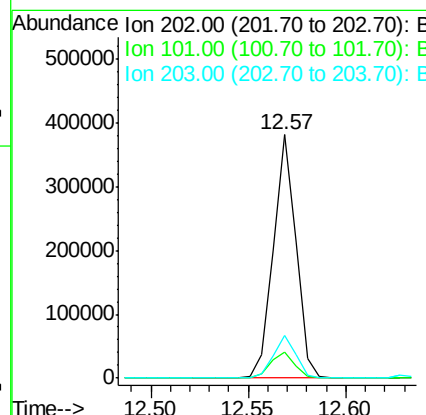
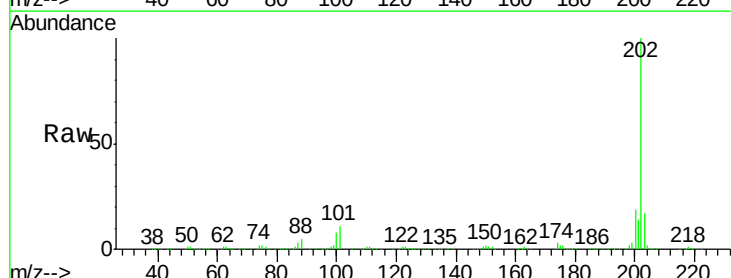
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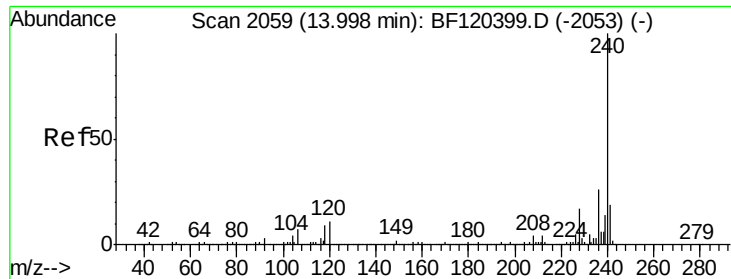
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#75
Fluoranthene
Concen: 7.574 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.3	0.0	38.2





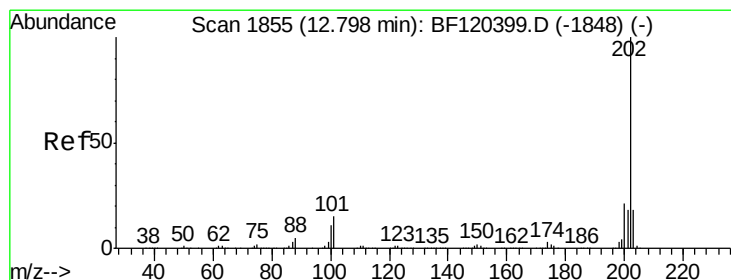
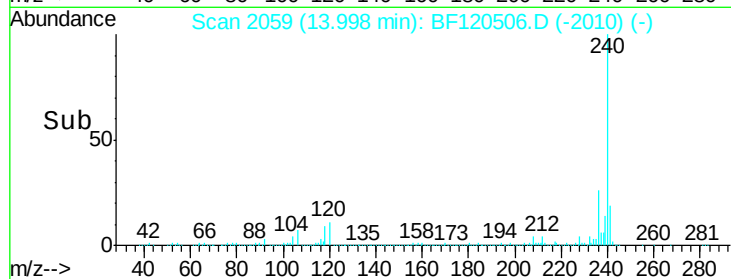
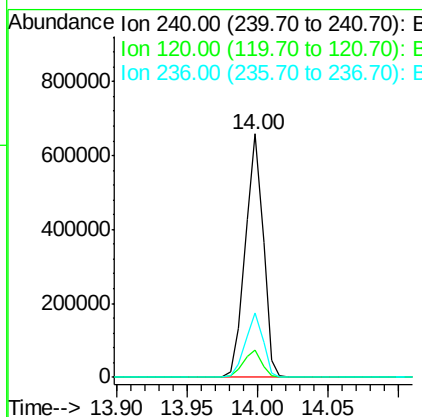
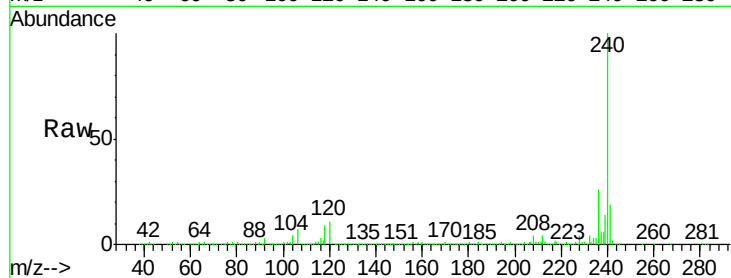
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Instrument :
BNA_F
ClientSampleId :
NM43-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.9	11.9
236	26.3	21.1	31.7

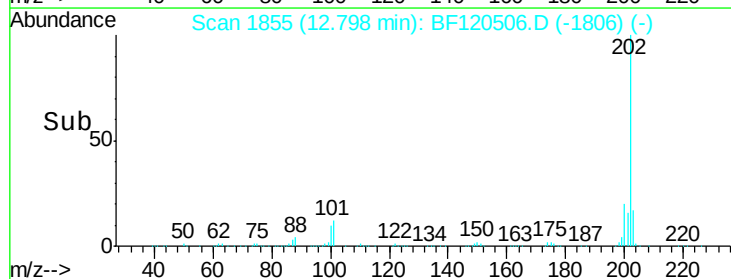
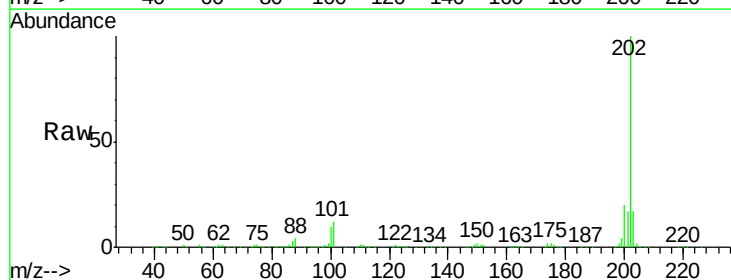
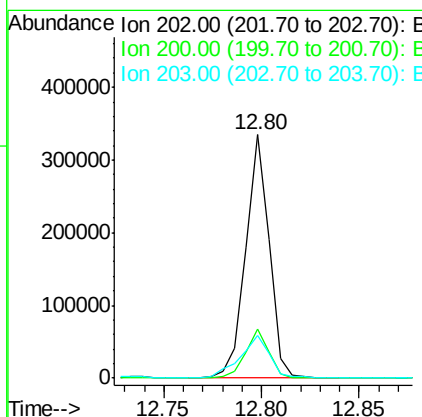
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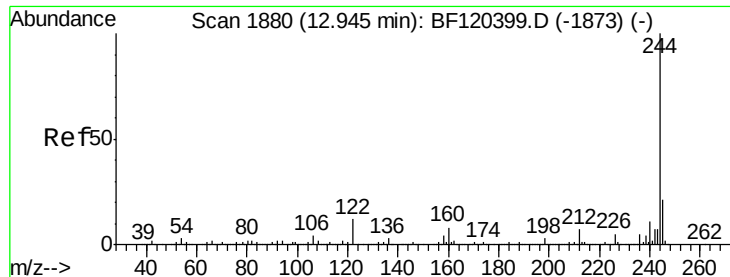
mohammad
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#78
Pyrene
Concen: 6.892 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.3	25.9
203	17.3	14.5	21.7





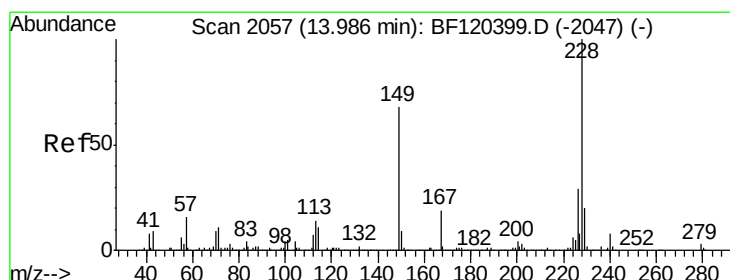
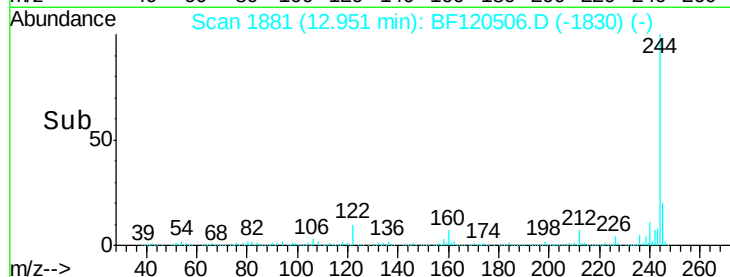
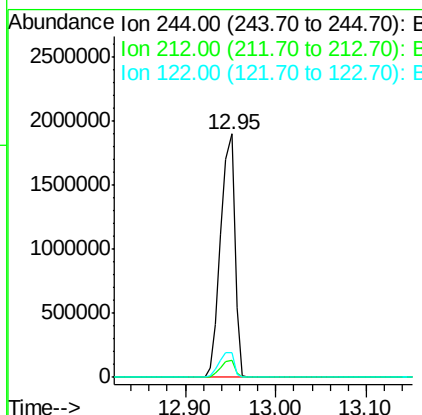
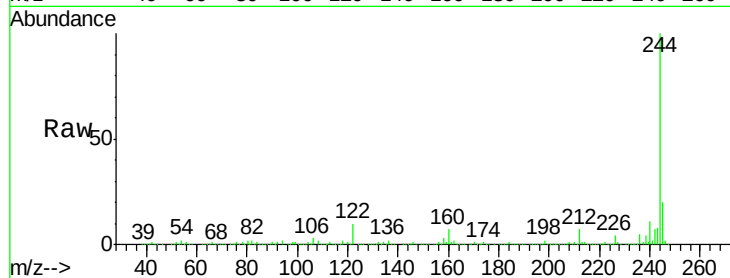
#79
 Terphenyl-d14
 Concen: 77.773 ng
 RT: 12.95 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: BF120506.D
 Acq: 3 Jun 2020 13:46

Instrument :
 BNA_F
 ClientSampleId :
 NM43-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.2	8.2	12.4

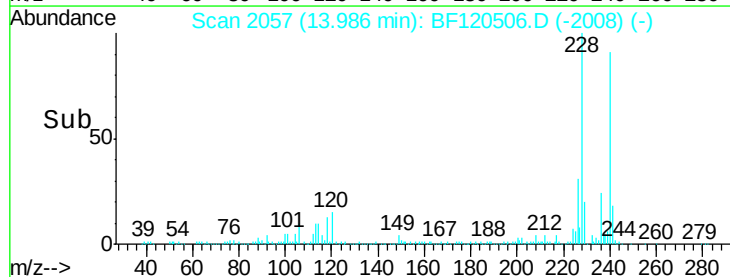
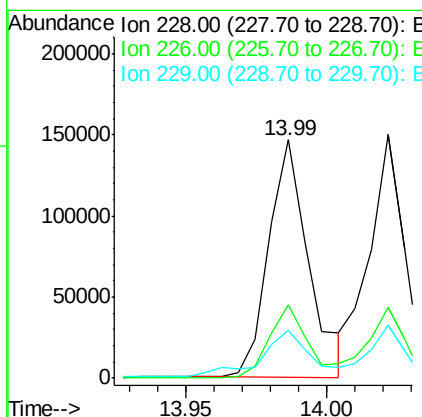
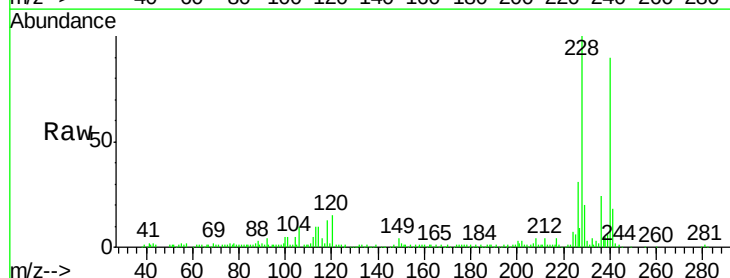
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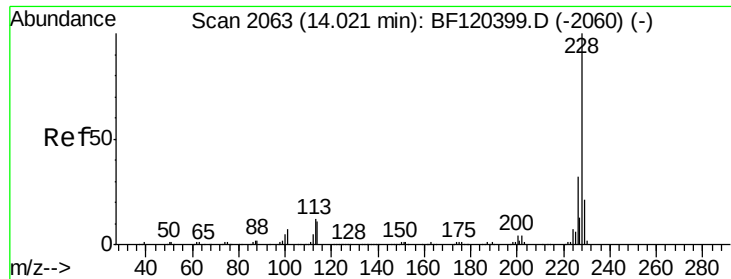
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#81
 Benzo(a)anthracene
 Concen: 4.586 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120506.D
 Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	20.3	16.3	24.5





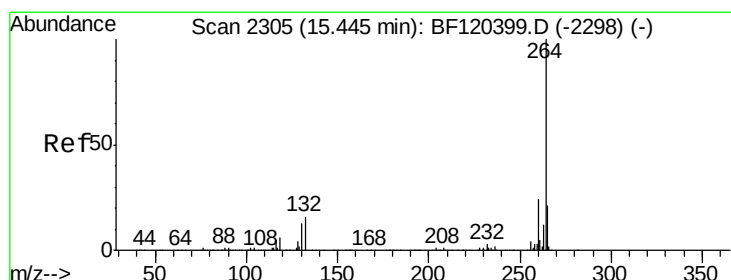
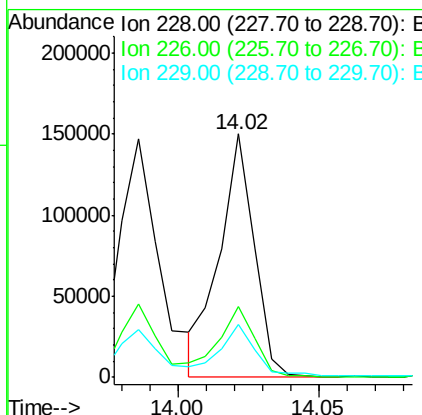
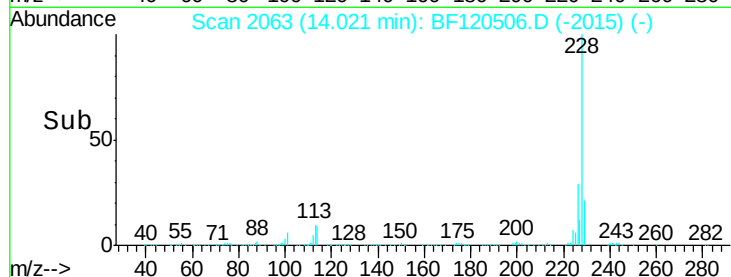
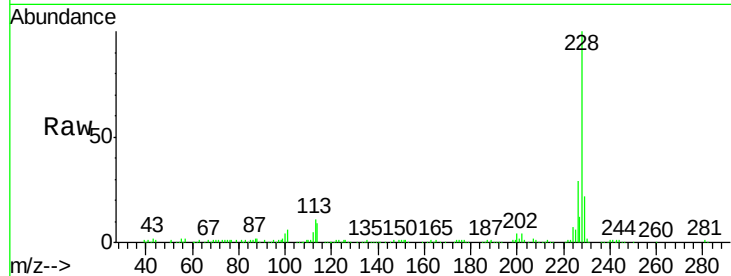
#83
 Chrysene
 Concen: 3.903 ng
 RT: 14.02 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BF120506.D
 Acq: 3 Jun 2020 13:46

Instrument :
 BNA_F
 ClientSampleId :
 NM43-COMP-2020-0-6

Tot Ion:	228	Resp:	128466
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.2	37.8
229	21.6	16.1	24.1

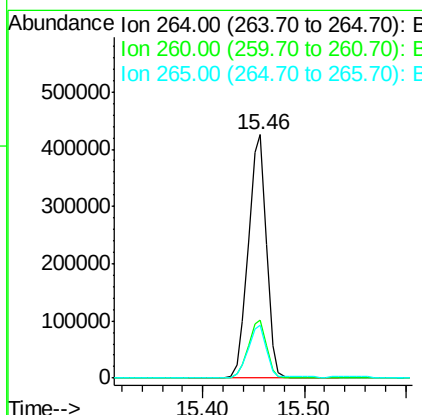
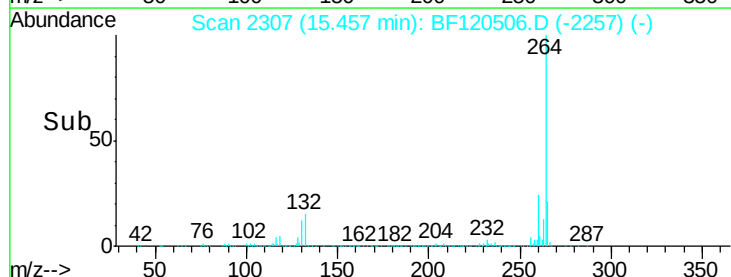
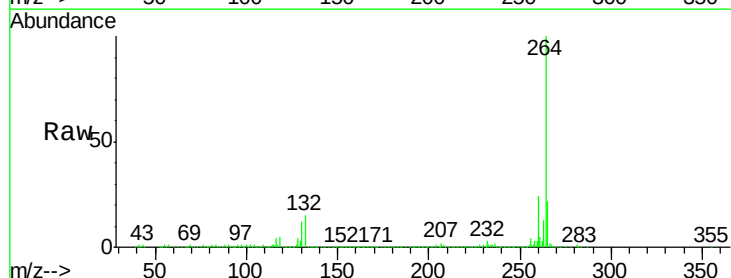
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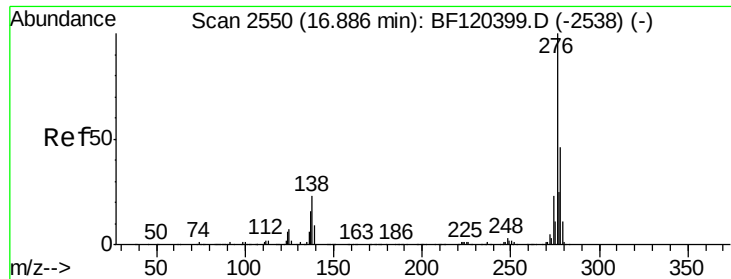
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: BF120506.D
 Acq: 3 Jun 2020 13:46

Tgt Ion:	264	Resp:	528504
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.8	29.8
265	21.5	17.5	26.3





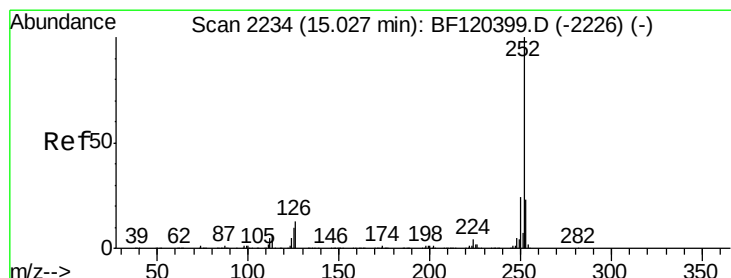
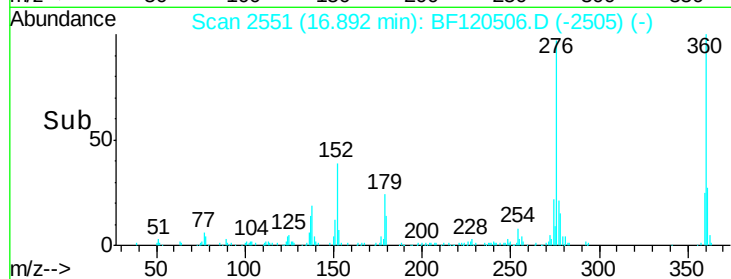
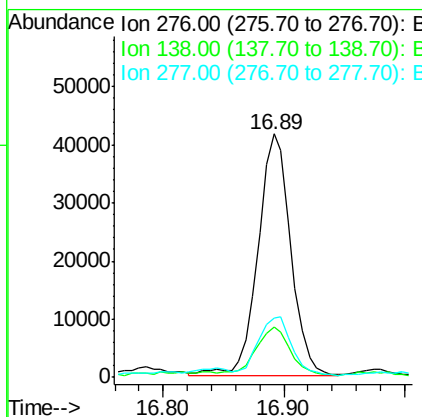
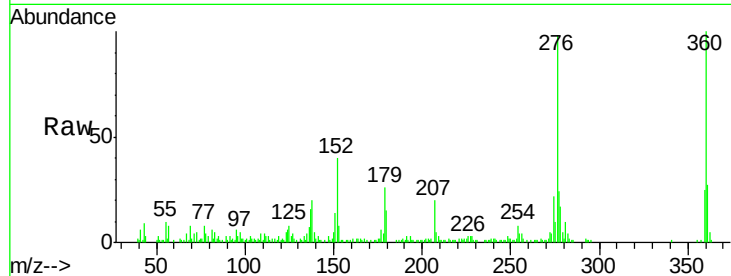
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.713 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120506.D
 Acq: 3 Jun 2020 13:46

Instrument :
 BNA_F
 ClientSampleId :
 NM43-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.2	28.8
277	24.6	20.4	30.6

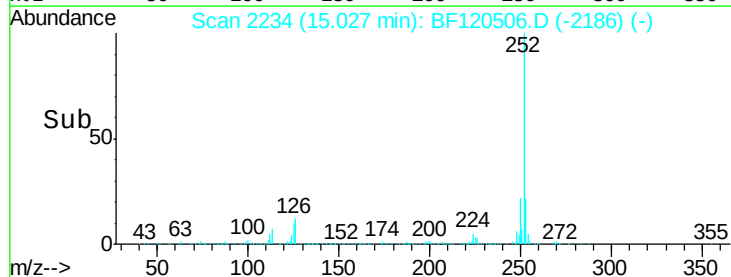
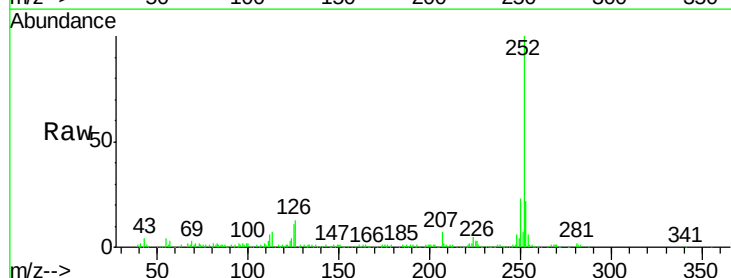
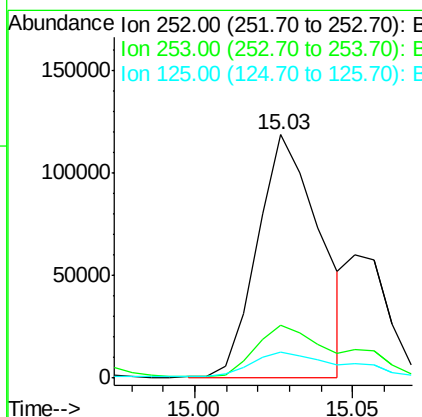
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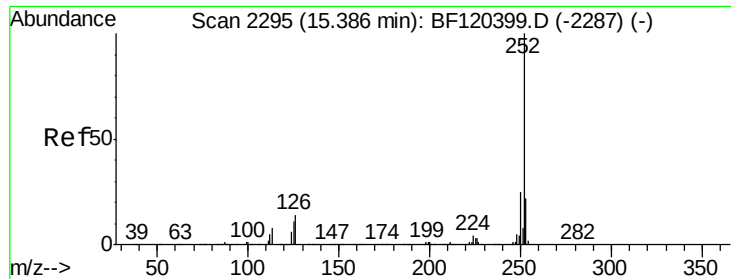
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#88
 Benzo(b)fluoranthene
 Concen: 5.564 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120506.D
 Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.6	7.6	11.4





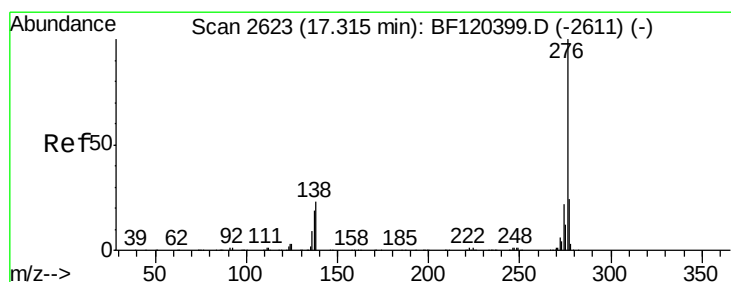
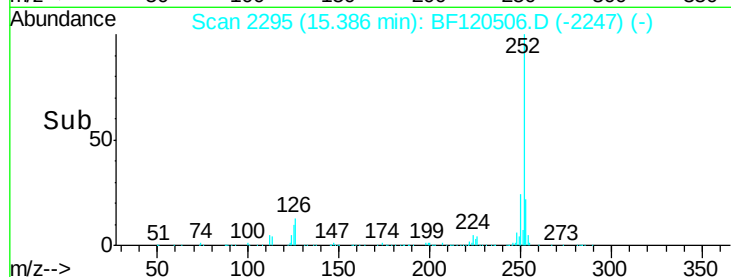
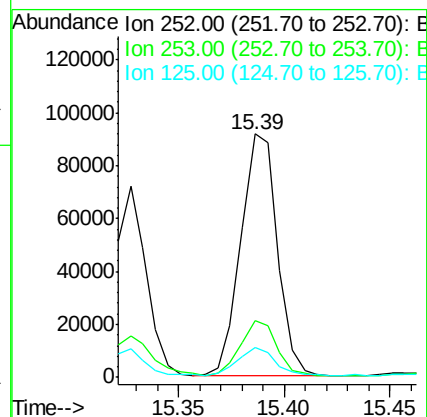
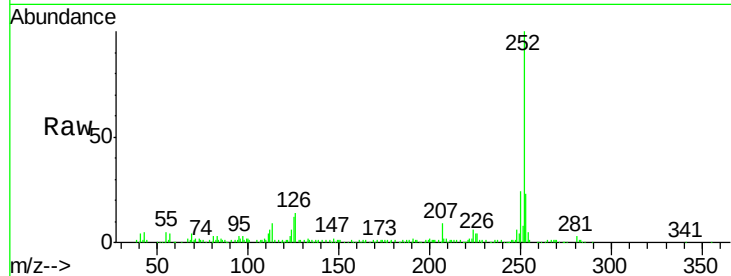
#90
Benzo(a)pyrene
Concen: 4.271 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Instrument :
BNA_F
ClientSampleId :
NM43-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.1	9.2	13.8

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#92
Benzo(g,h,i)perylene
Concen: 3.284 ng
RT: 17.33 min Scan# 2626
Delta R.T. -0.03 min
Lab File: BF120506.D
Acq: 3 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	21.0	16.6	25.0

