

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120556.D
 Acq On : 5 Jun 2020 13:37
 Operator : JU/CG
 Sample : L2839-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 05 16:17:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	214070	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	709829	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	358258	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	652495	20.00	ng	0.00
76) Chrysene-d12	13.97	240	404432	20.00	ng	0.00
86) Perylene-d12	15.43	264	456452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	836932	74.51	ng	0.00
7) Phenol-d6	6.45	99	1162849	83.99	ng	0.00
23) Nitrobenzene-d5	7.38	82	680410	62.70	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	285695	86.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1260076	59.68	ng	0.00
79) Terphenyl-d14	12.93	244	1243652	68.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	206874	9.237	ng	99
71) Phenanthrene	11.36	178	281435	9.789	ng	99
75) Fluoranthene	12.55	202	422671	13.663	ng	98
78) Pyrene	12.78	202	355111	12.626	ng	98
81) Benzo(a)anthracene	13.96	228	152654	7.043	ng	99
83) Chrysene	14.00	228	140060	6.164	ng	96
87) Indeno(1,2,3-cd)pyrene	16.85	276	97076	3.888	ng	99
88) Benzo(b)fluoranthene	15.00	252	192742m	7.602	ng	
89) Benzo(k)fluoranthene	15.03	252	60686m	2.564	ng	
90) Benzo(a)pyrene	15.36	252	141170	6.366	ng	97
92) Benzo(g,h,i)perylene	17.29	276	79864	3.978	ng	98

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

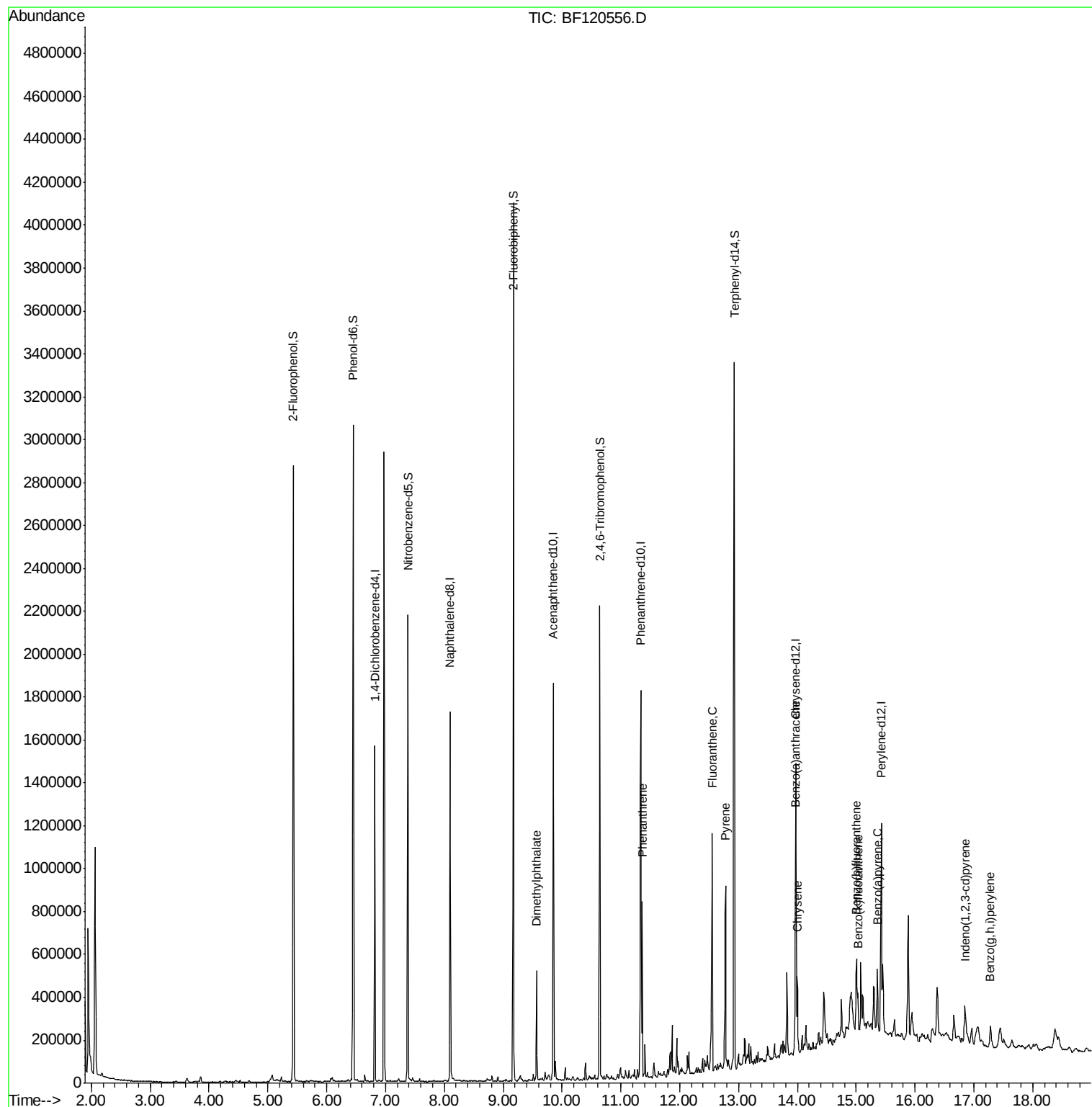
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120556.D
Acq On : 5 Jun 2020 13:37
Operator : JU/CG
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Misc :
ALS Vial : 5 Sample Multiplier: 1

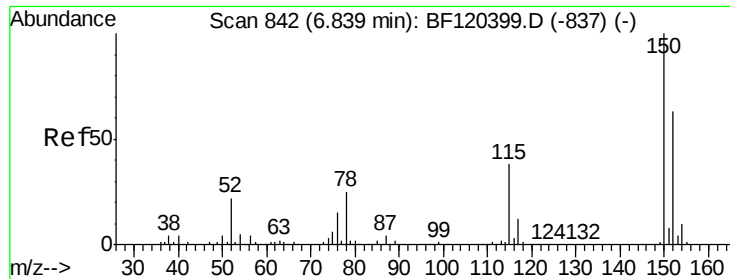
Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

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Quant Time: Jun 05 16:17:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

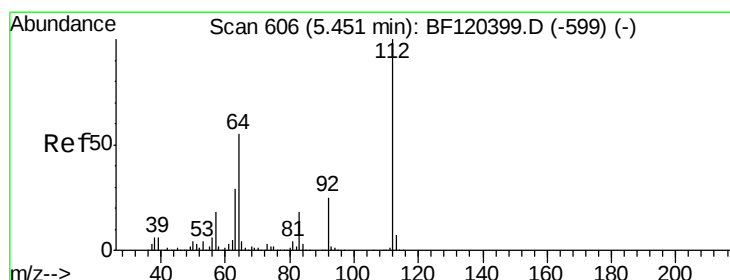
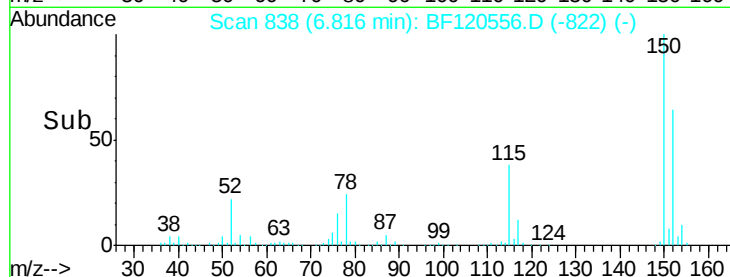
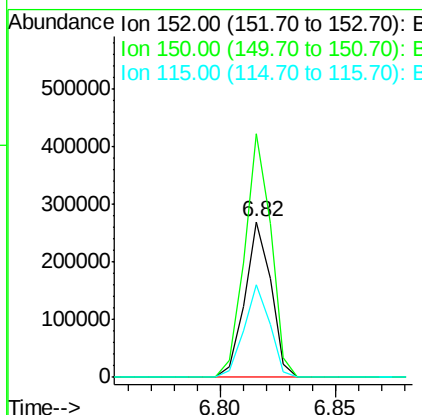
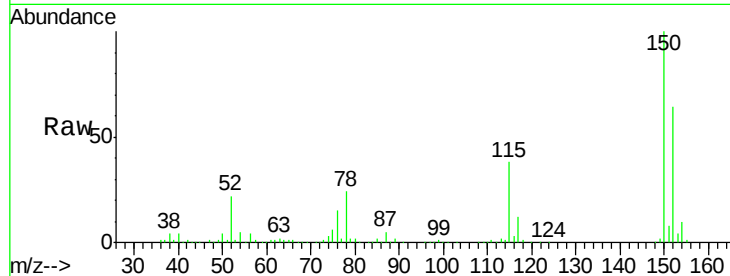
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.4
115	59.7	43.8	65.6

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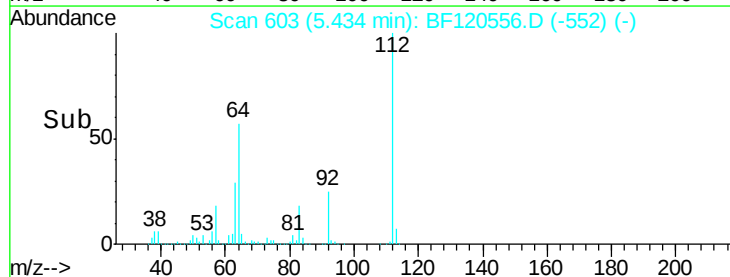
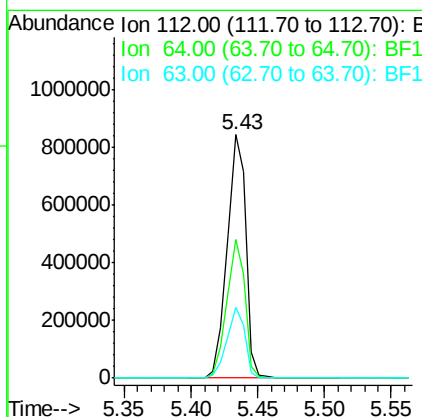
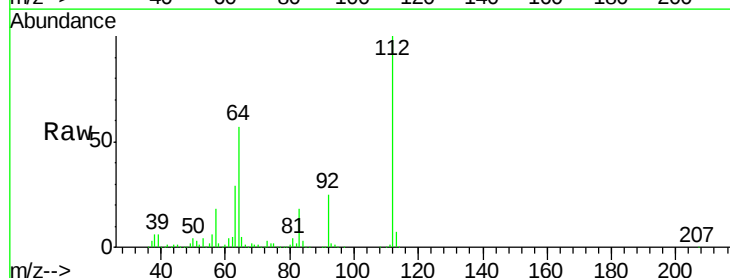
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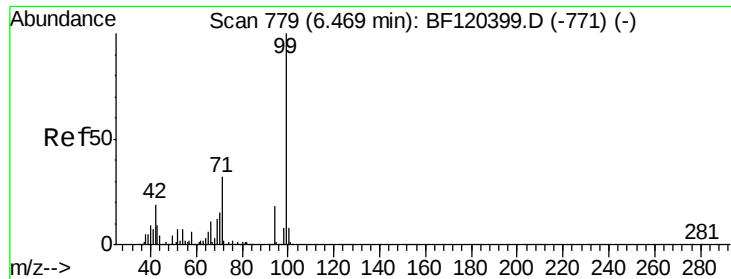


#5

2-Fluorophenol
Concen: 74.507 ng
RT: 5.43 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.5	69.7
63	29.1	23.6	35.4





#7

Phenol-d6

Concen: 83.989 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF120556.D

Acq: 5 Jun 2020 13:37

Instrument :

BNA_F

ClientSampleId :

NM21-COMP-2020-0-6

Tot Ion: 99 Resp: 1162849

Ion Ratio Lower Upper

99 100

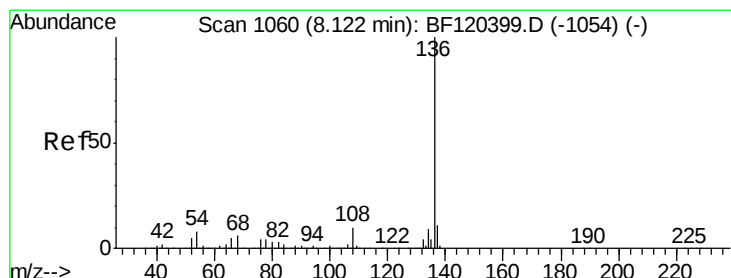
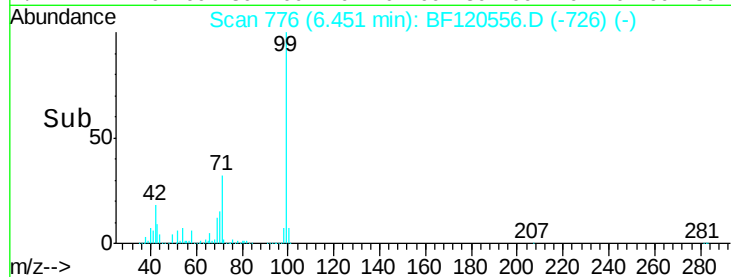
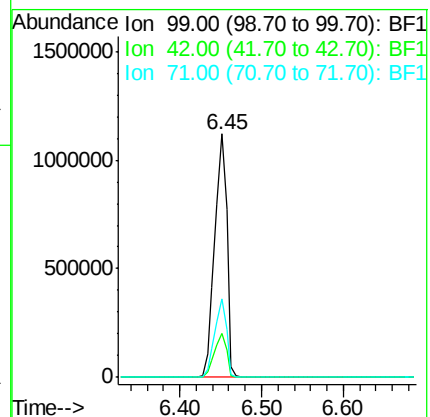
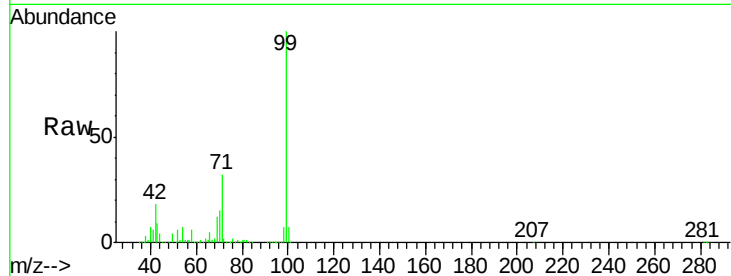
42 18.3 14.8 22.2

71 32.0 25.8 38.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF120556.D

Acq: 5 Jun 2020 13:37

Tgt Ion: 136 Resp: 709829

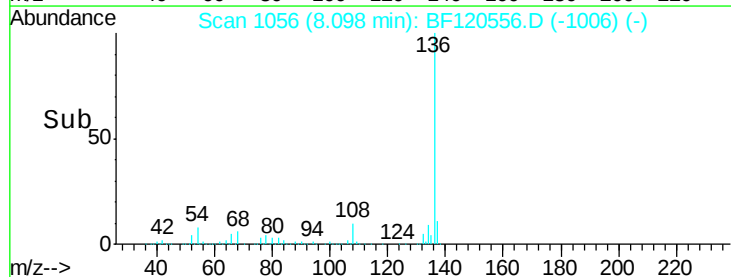
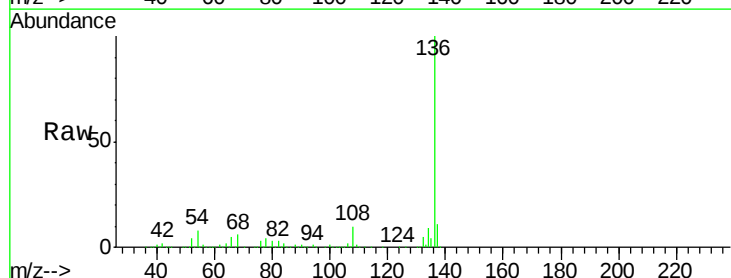
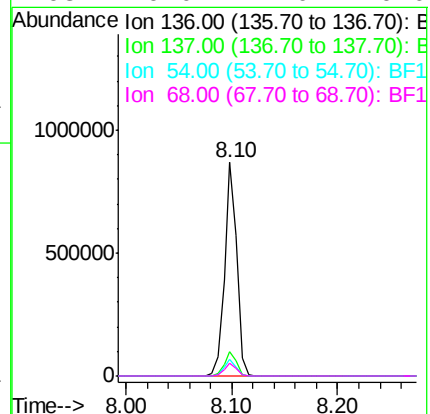
Ion Ratio Lower Upper

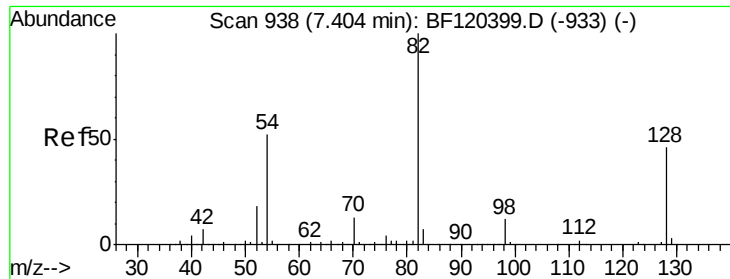
136 100

137 11.2 8.7 13.1

54 7.8 5.1 7.7#

68 6.0 4.0 6.0





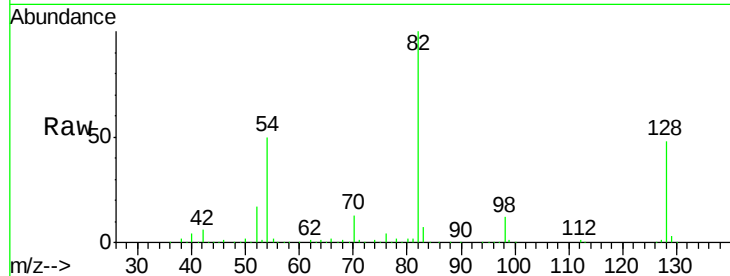
#23
Nitrobenzene-d5
Concen: 62.702 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	680410		
128	47.9		38.6	57.8
54	49.7		39.5	59.3

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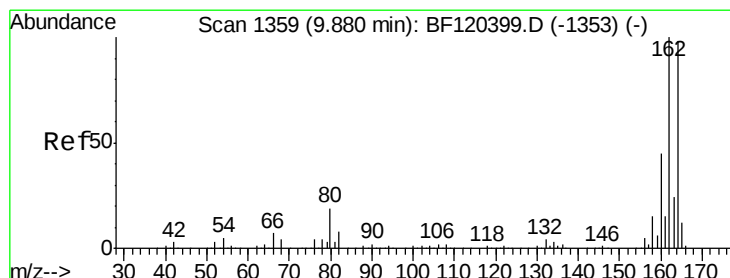
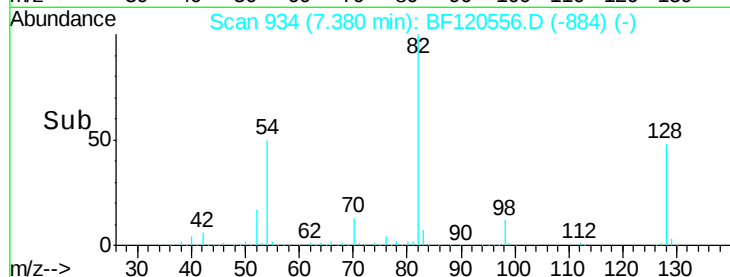
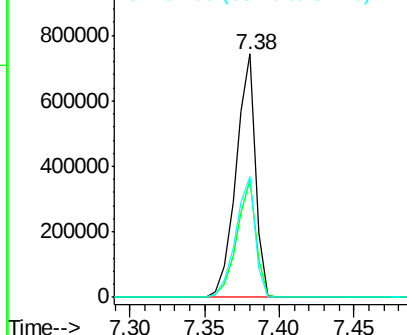


Abundance

Ion 82.00 (81.70 to 82.70): BF1

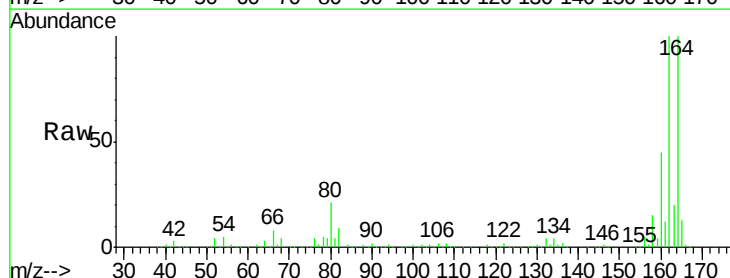
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	358258		
162	100.4		80.3	120.5
160	45.4		36.6	54.8

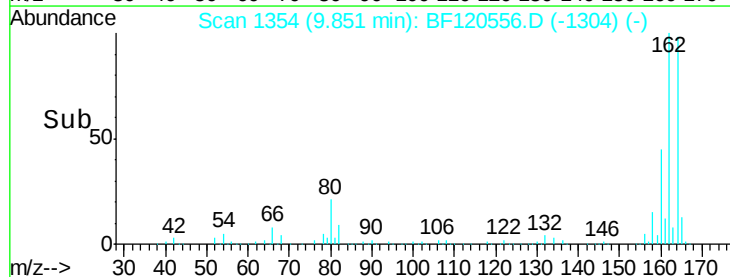
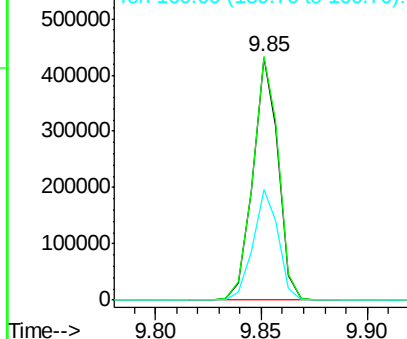


Abundance

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





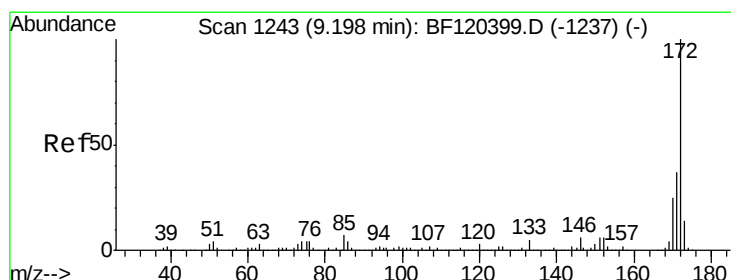
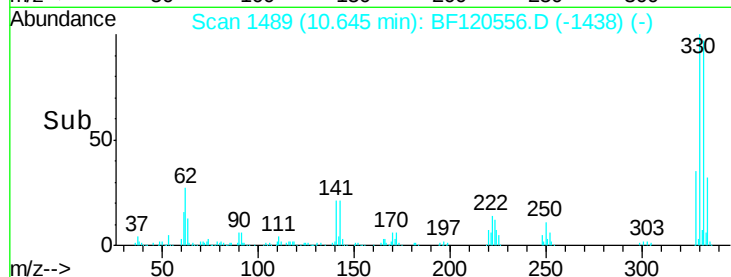
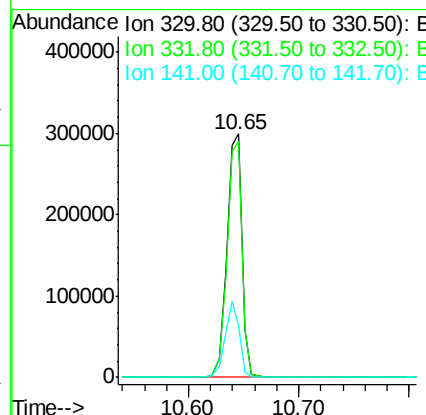
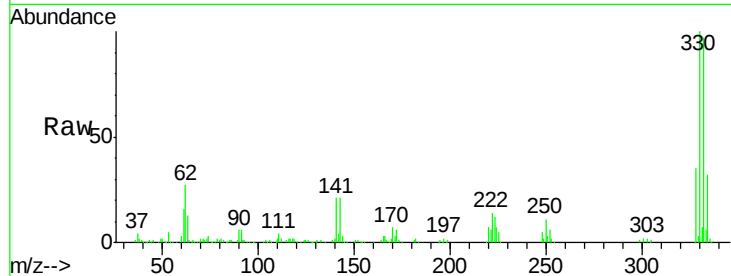
#42
 2,4,6-Tribromophenol
 Concen: 86.068 ng
 RT: 10.65 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	29.2	23.9	35.9

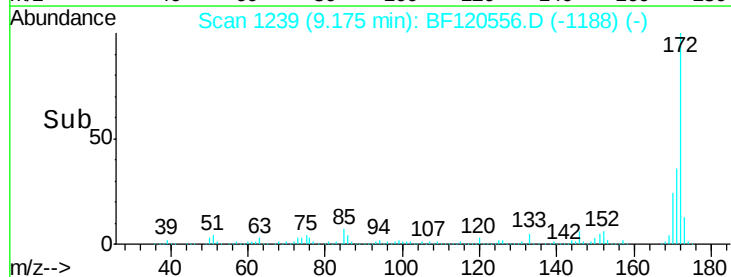
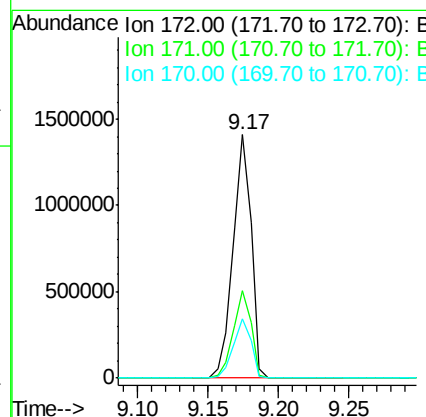
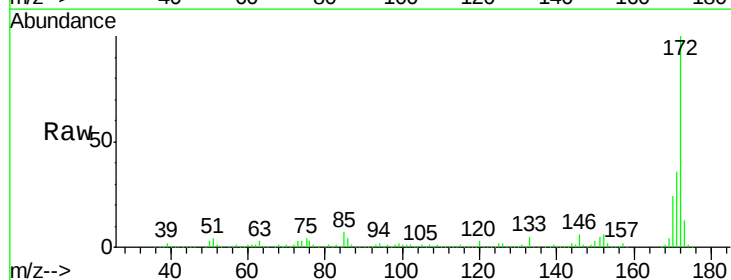
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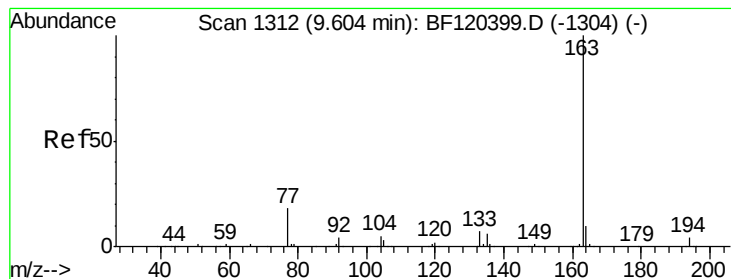
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#45
 2-Fluorobiphenyl
 Concen: 59.677 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.1	19.0	28.6





#50

Dimethylphthalate

Concen: 9.237 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120556.D

Acq: 5 Jun 2020 13:37

Instrument :

BNA_F

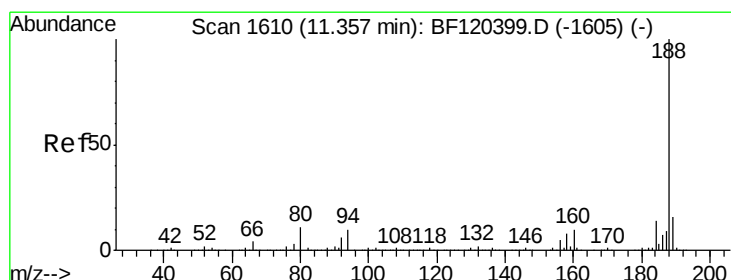
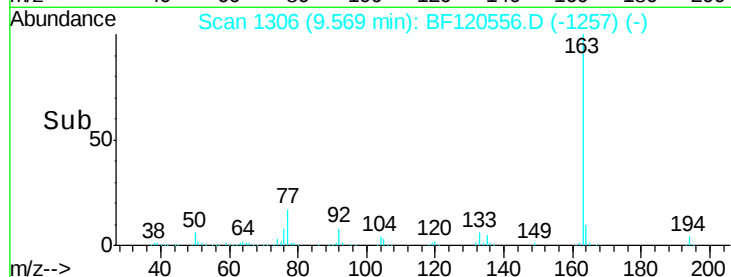
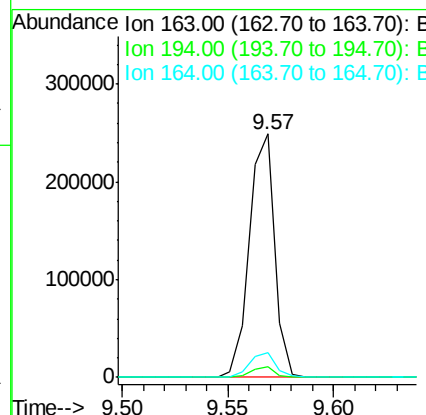
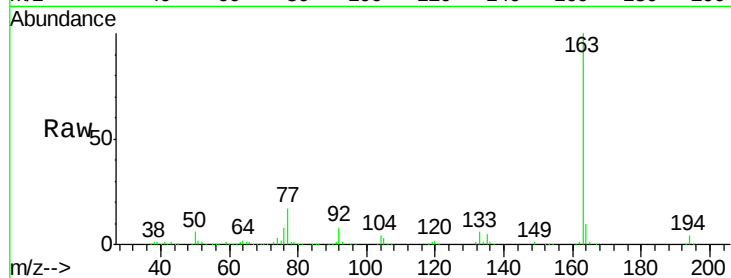
ClientSampleId :

NM21-COMP-2020-0-6

Tot Ion:	163	Resp:	206874
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.1	7.8	11.8

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#64

Phenanthrene-d10

Concen: 20.000 ng

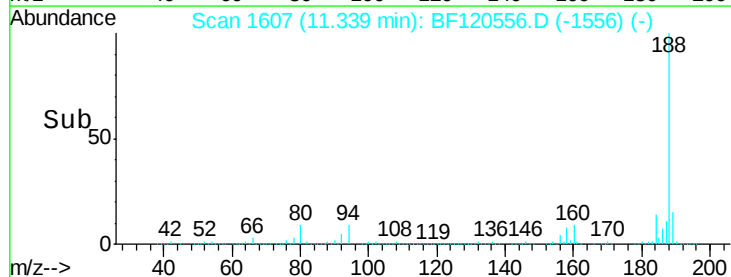
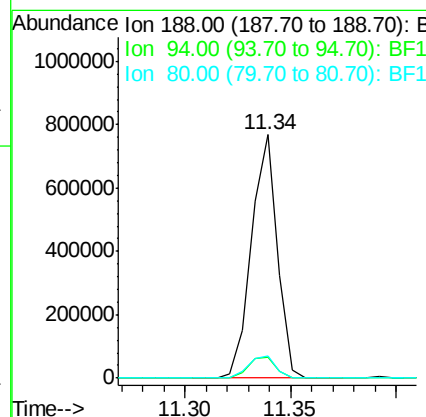
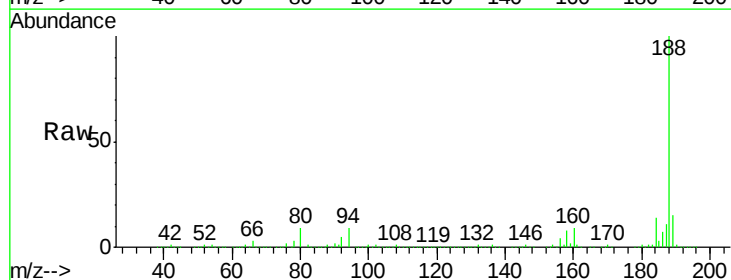
RT: 11.34 min Scan# 1607

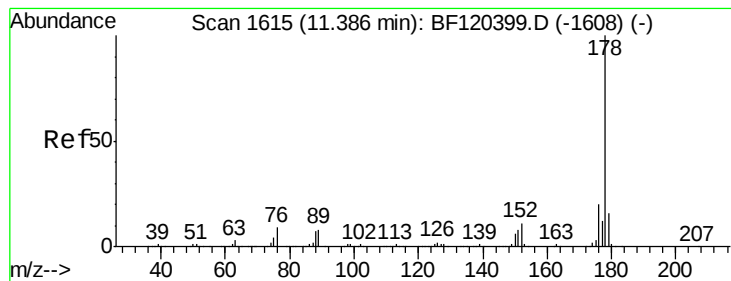
Delta R.T. -0.00 min

Lab File: BF120556.D

Acq: 5 Jun 2020 13:37

Tgt Ion:	188	Resp:	652495
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.6
80	9.1	7.4	11.0





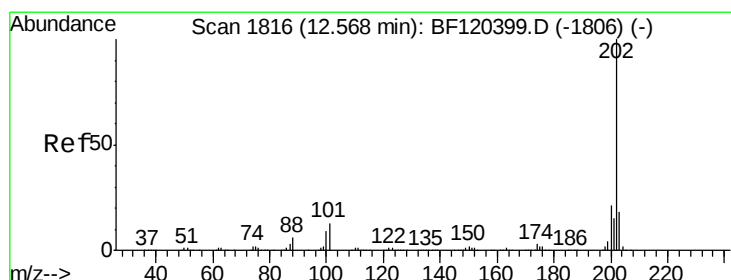
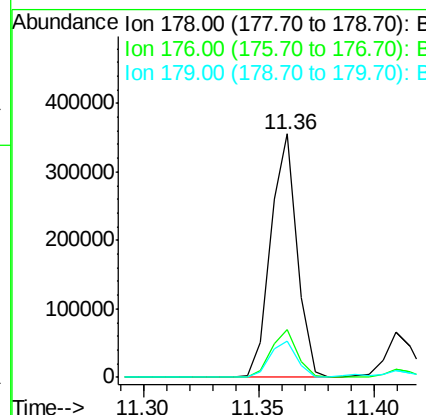
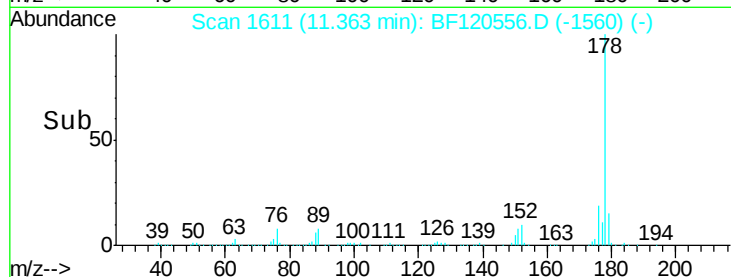
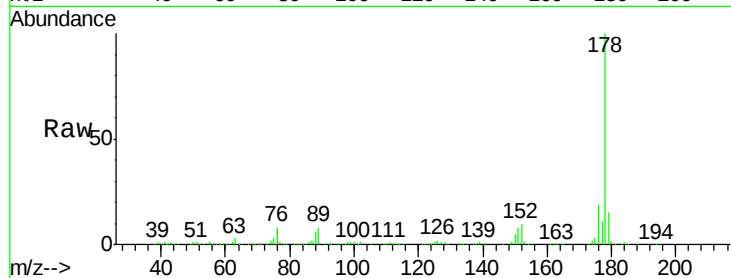
#71
Phenanthrene
Concen: 9.789 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.1	12.5	18.7

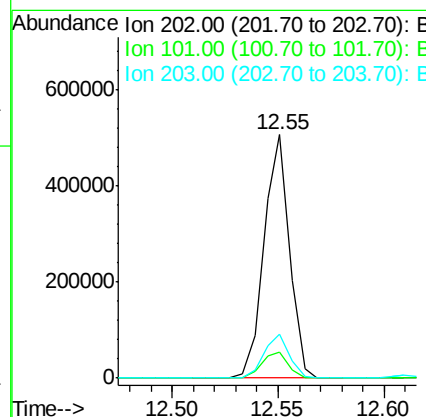
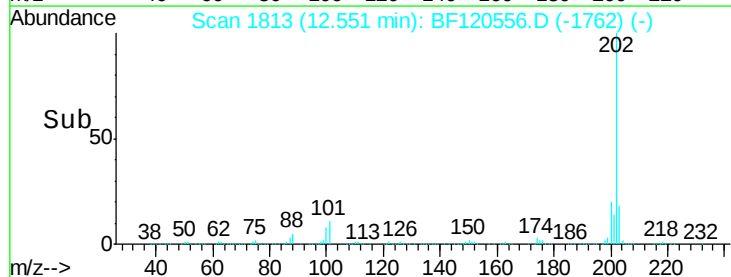
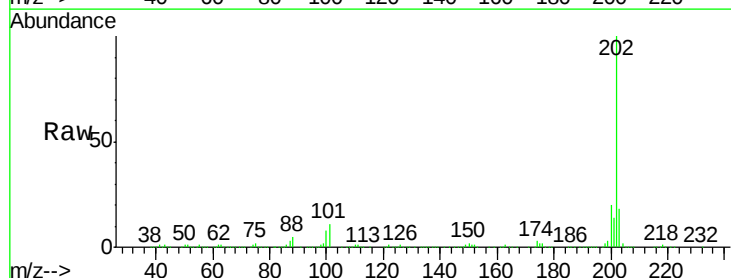
Manual Integrations
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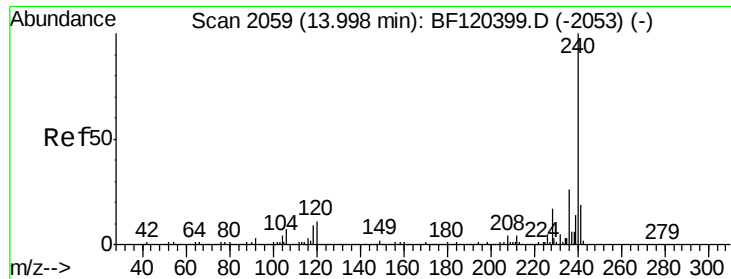
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#75
Fluoranthene
Concen: 13.663 ng
RT: 12.55 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.2
203	17.8	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF120556.D

Acq: 5 Jun 2020 13:37

Instrument :

BNA_F

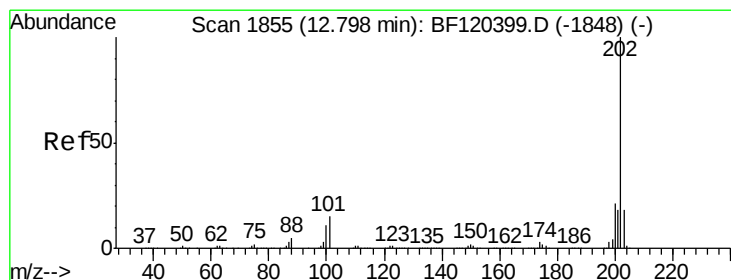
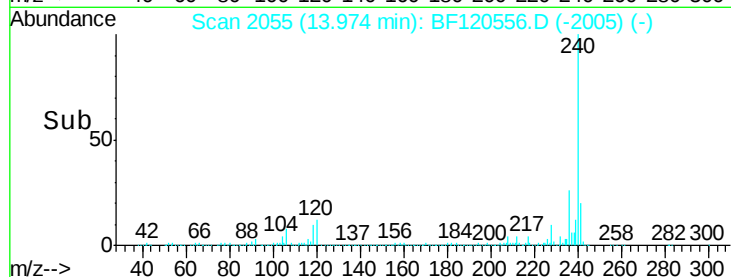
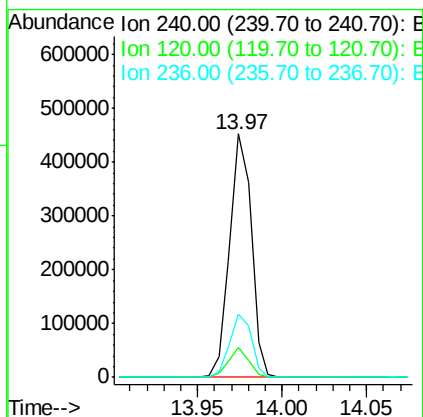
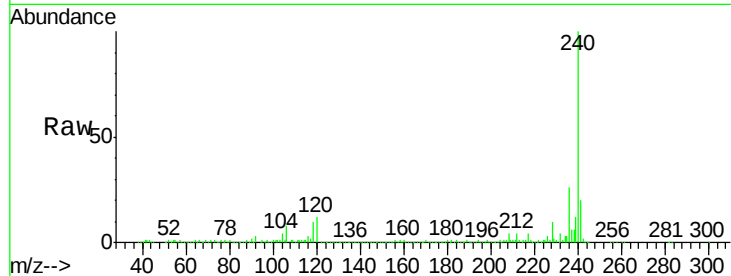
ClientSampleId :

NM21-COMP-2020-0-6

Tot Ion:	240	Resp:	404432
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.1	13.7
236	26.1	21.3	31.9

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#78

Pyrene

Concen: 12.626 ng

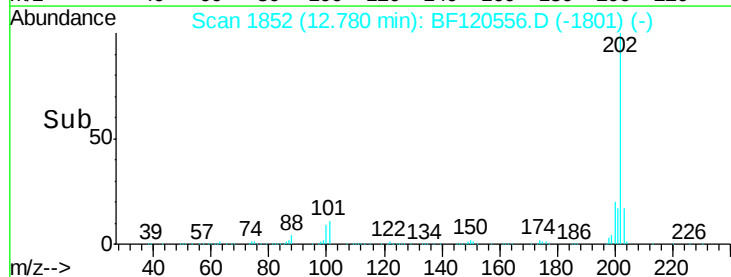
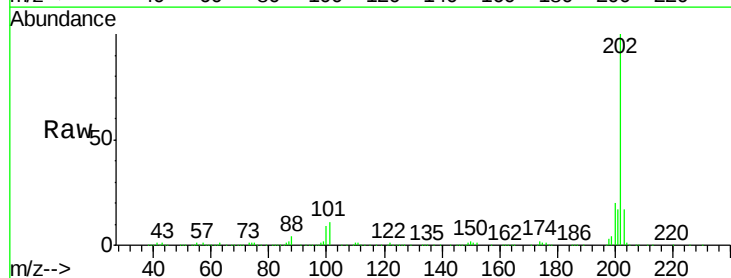
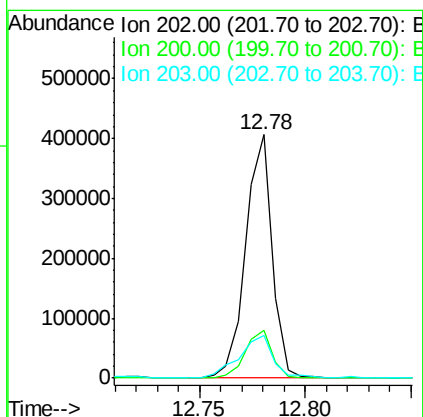
RT: 12.78 min Scan# 1852

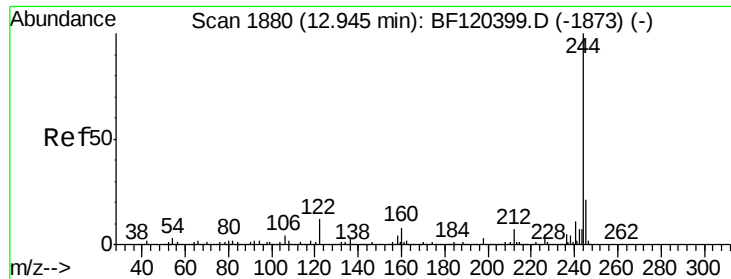
Delta R.T. -0.00 min

Lab File: BF120556.D

Acq: 5 Jun 2020 13:37

Tgt Ion:	202	Resp:	355111
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.6	24.8
203	17.3	14.4	21.6





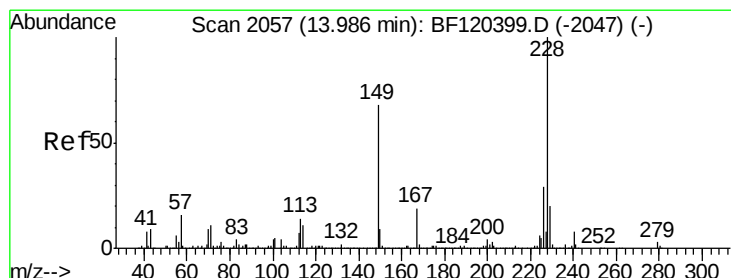
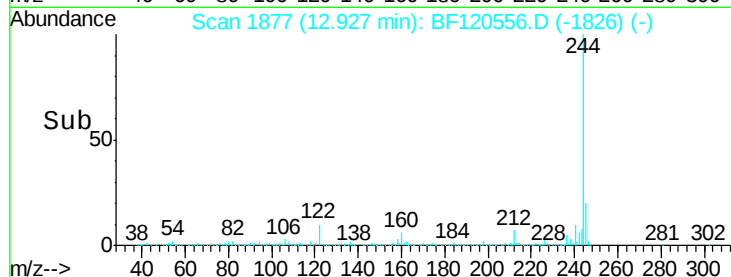
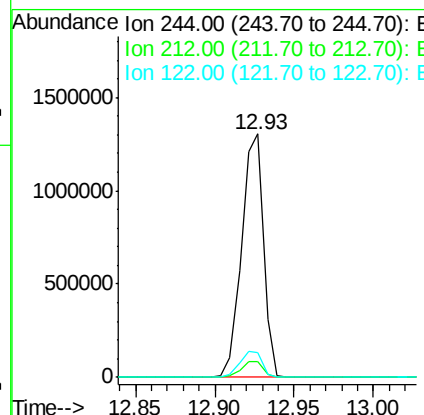
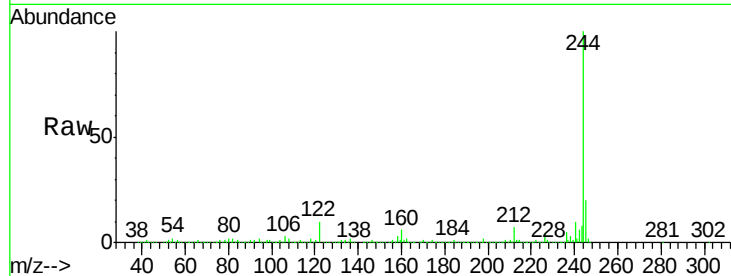
#79
 Terphenyl-d14
 Concen: 68.427 ng
 RT: 12.93 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion:244 Resp: 1243652
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 9.9 8.4 12.6

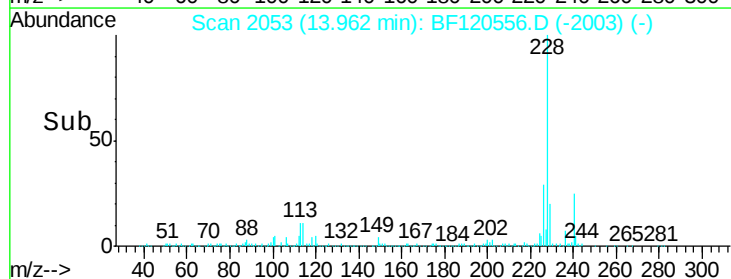
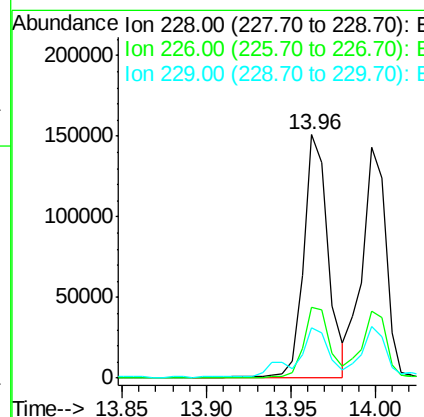
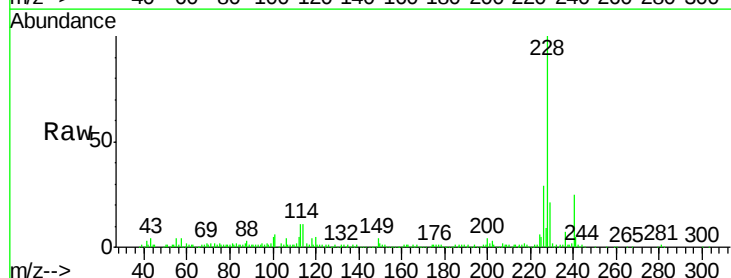
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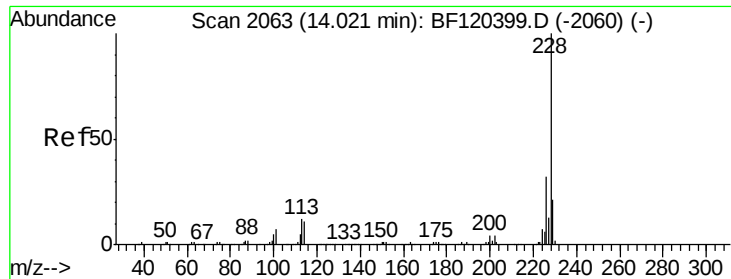
mohammad
 6/8/2020 12:50:53 PM



#81
 Benzo(a)anthracene
 Concen: 7.043 ng
 RT: 13.96 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Tgt Ion:228 Resp: 152654
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.7 34.1
 229 20.9 16.2 24.4





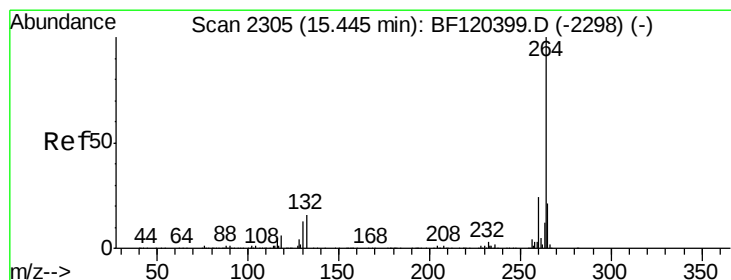
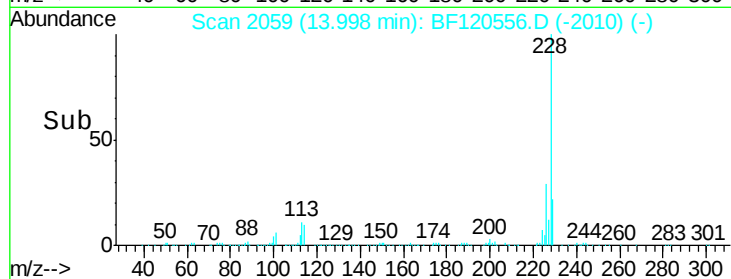
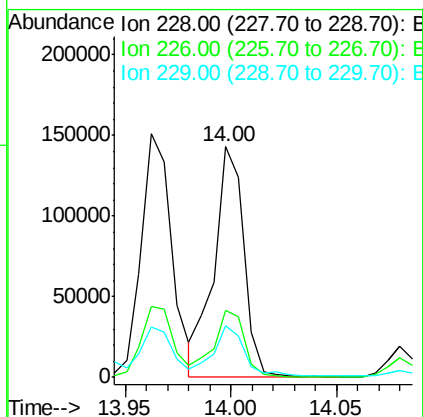
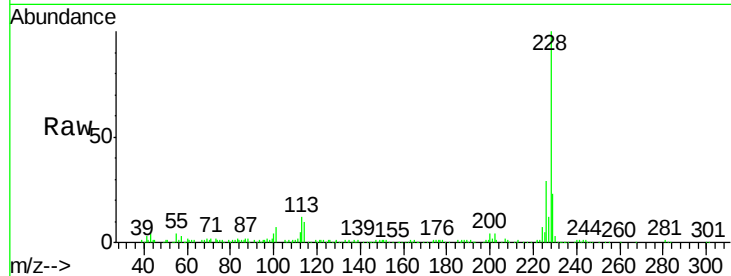
#83
Chrysene
Concen: 6.164 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	22.6	15.6	23.4

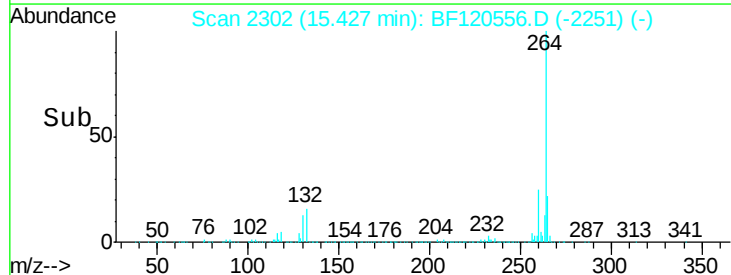
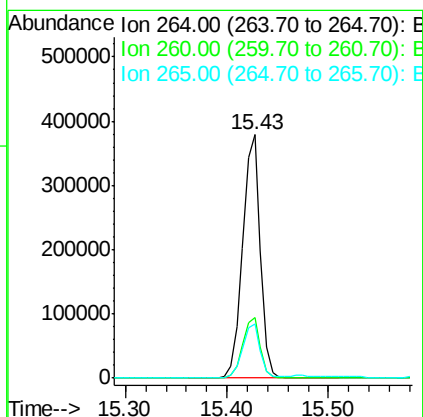
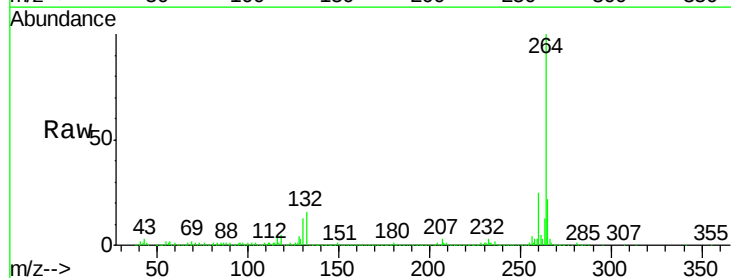
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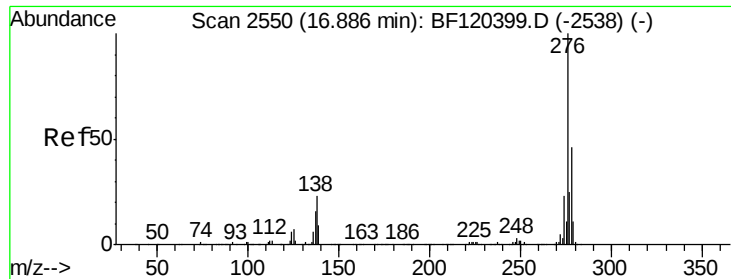
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.4	17.2	25.8





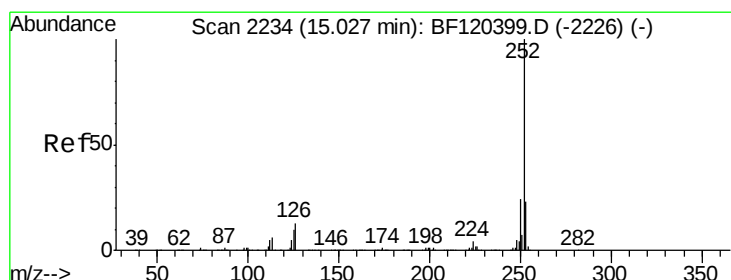
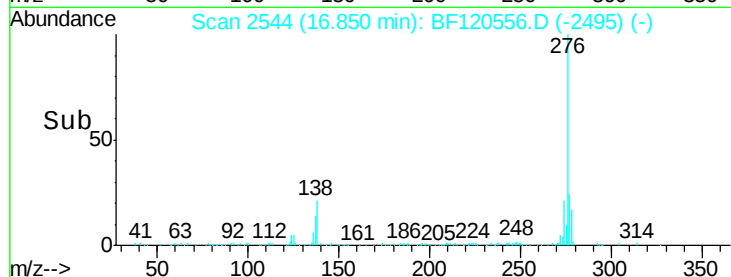
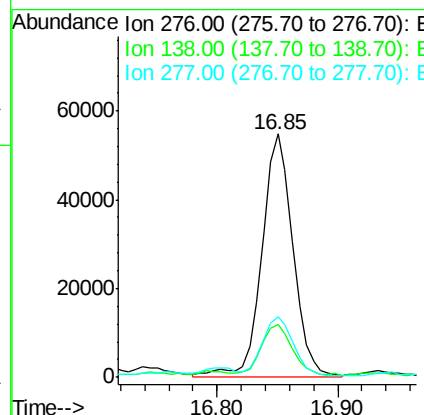
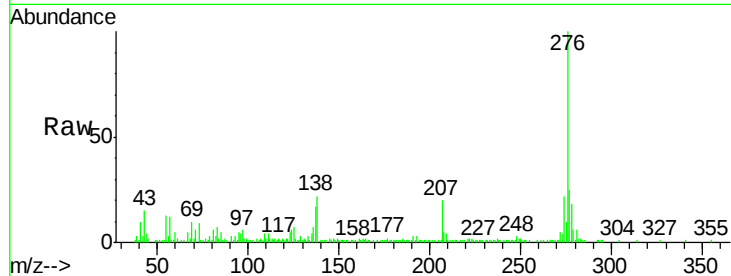
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.888 ng
 RT: 16.85 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.8	26.8
277	24.8	20.1	30.1

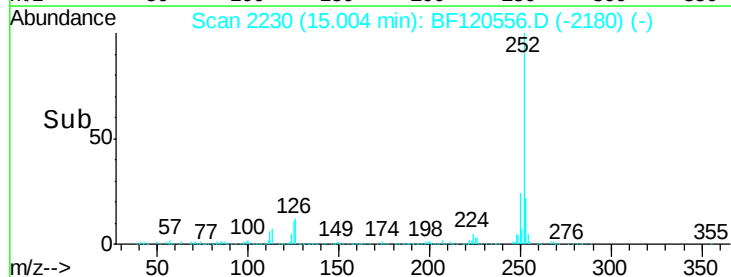
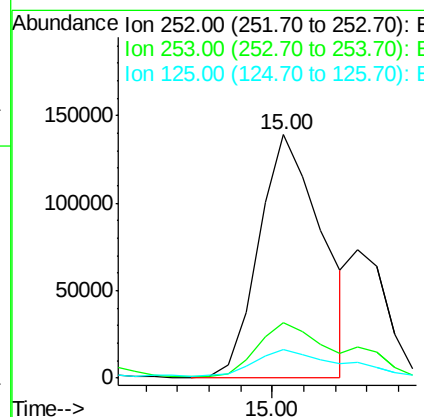
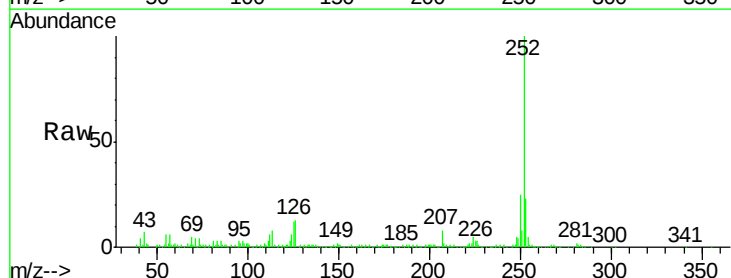
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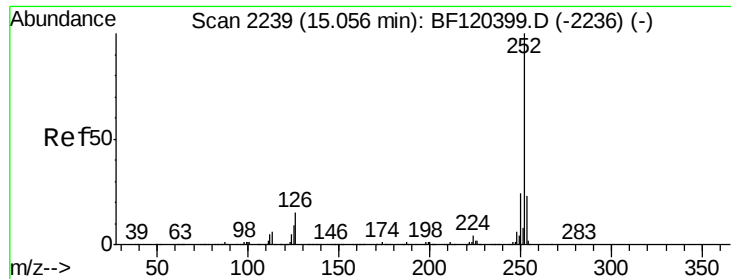
mohammad
 6/8/2020 12:50:53 PM



#88
 Benzo(b)fluoranthene
 Concen: 7.602 ng m
 RT: 15.00 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.6	6.7	10.1





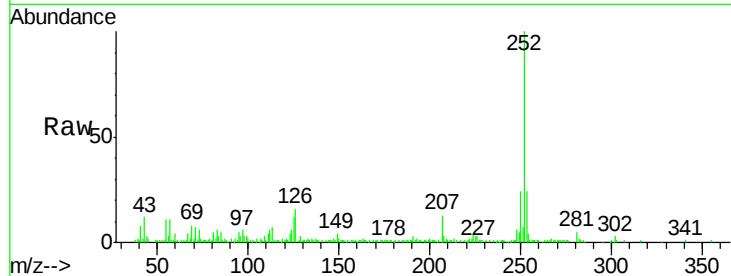
#89
Benzo(k)fluoranthene
Concen: 2.564 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

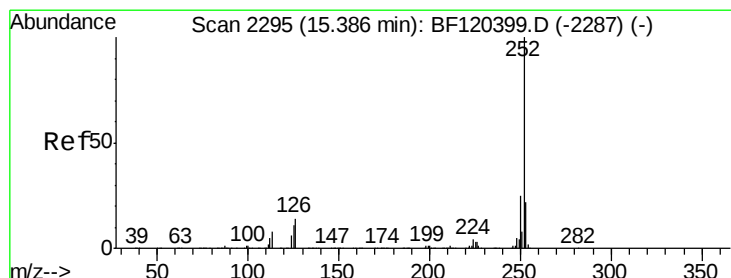
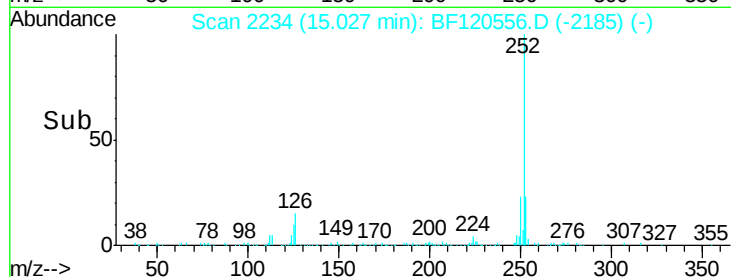
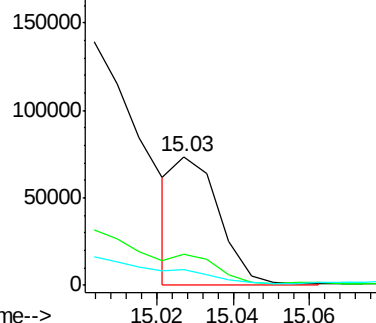
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	12.1	6.8	10.2

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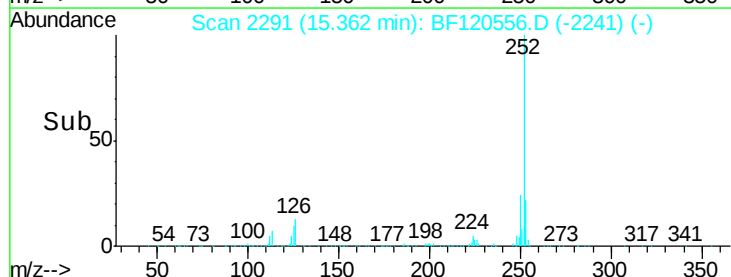
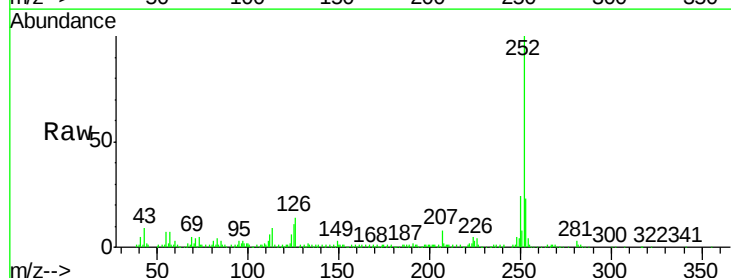
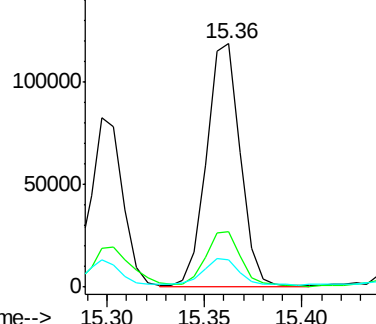
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

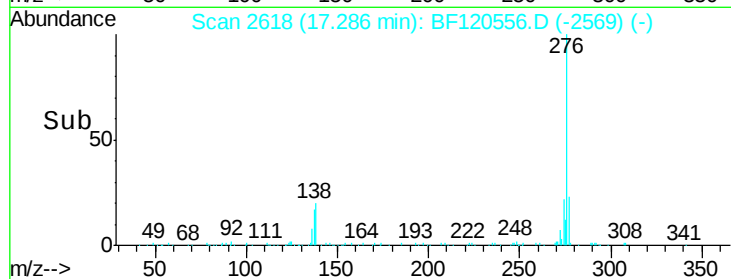
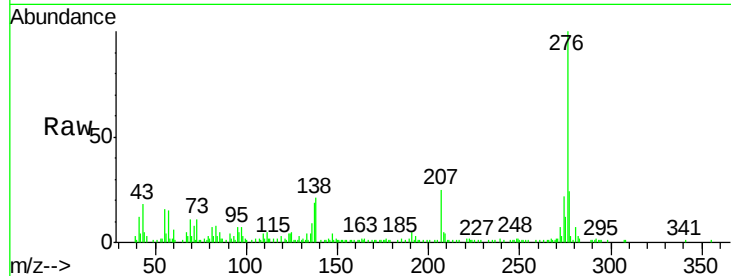
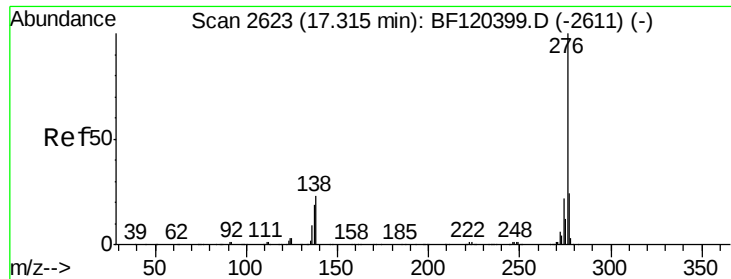


#90
Benzo(a)pyrene
Concen: 6.366 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF120556.D
Acq: 5 Jun 2020 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.0	7.8	11.8

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





#92
 Benzo(a,h,i)perylene
 Concen: 3.978 ng
 RT: 17.29 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF120556.D
 Acq: 5 Jun 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.0	15.4	23.0

Manual Integrations
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