

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120513.D
 Acq On : 3 Jun 2020 16:57
 Operator : JU/CG
 Sample : L2839-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

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Quant Time: Jun 04 01:15:42 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	209078	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	692795	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	388845	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	664060	20.00	ng	0.00
76) Chrysene-d12	14.00	240	363369	20.00	ng	-0.01
86) Perylene-d12	15.45	264	334488	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	892690	81.37	ng	0.00
7) Phenol-d6	6.47	99	1329250	98.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	869959	82.14	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	363655	100.94	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1405926	61.35	ng	0.00
79) Terphenyl-d14	12.95	244	1403365	85.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	347416	14.291	ng	98
71) Phenanthrene	11.38	178	119974	4.100	ng	97
75) Fluoranthene	12.57	202	306422	9.732	ng	99
78) Pyrene	12.80	202	301652	11.937	ng	98
81) Benzo(a)anthracene	13.99	228	123822	6.358	ng	97
83) Chrysene	14.02	228	123668	6.057	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	73295	4.006	ng	95
88) Benzo(b)fluoranthene	15.03	252	145324m	7.822	ng	
89) Benzo(k)fluoranthene	15.05	252	46049m	2.655	ng	
90) Benzo(a)pyrene	15.39	252	99087	6.097	ng	98
92) Benzo(g,h,i)perylene	17.33	276	68354	4.647	ng	98

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

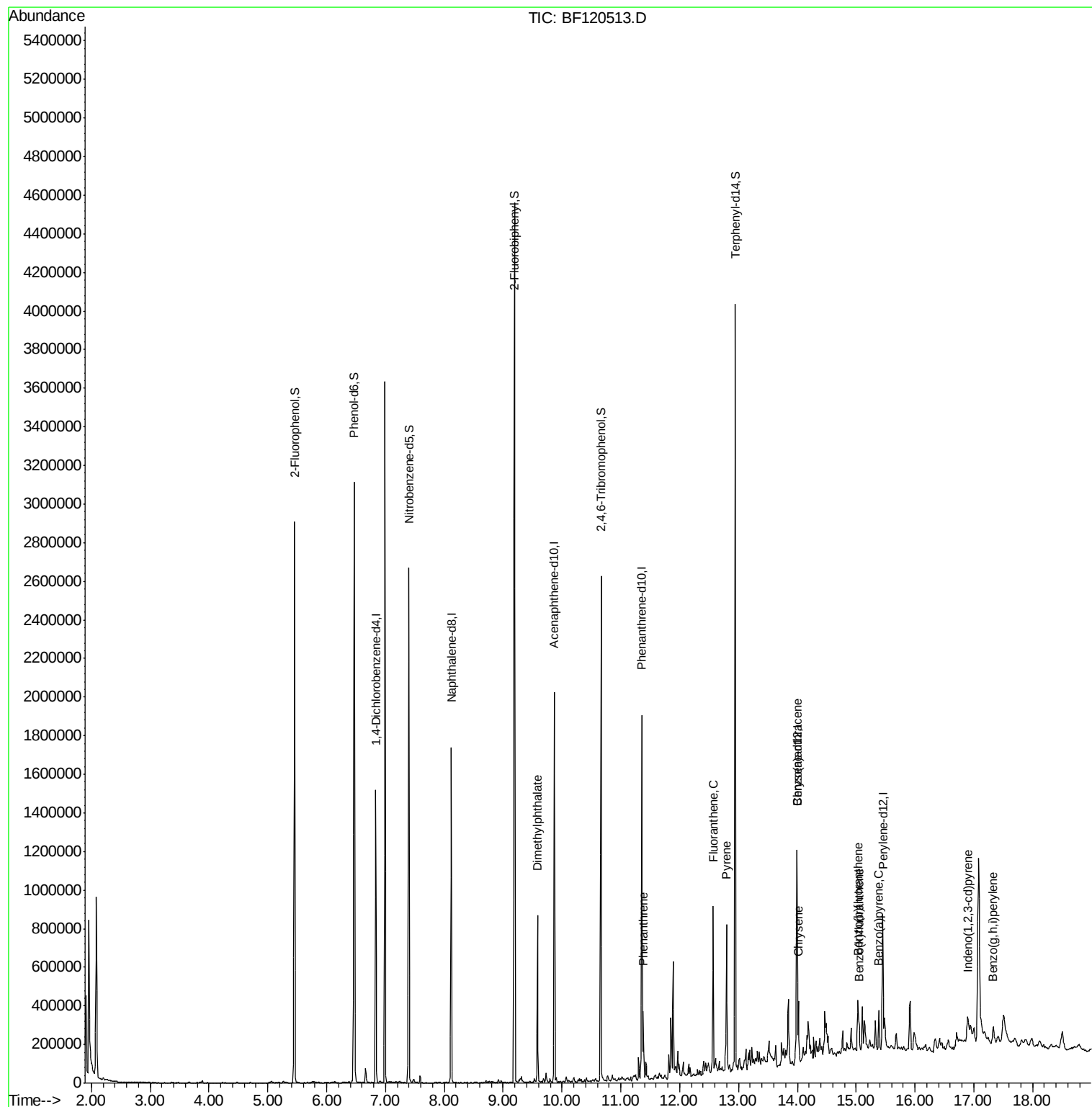
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
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Operator : JU/CG
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Misc :
ALS Vial : 10 Sample Multiplier: 1

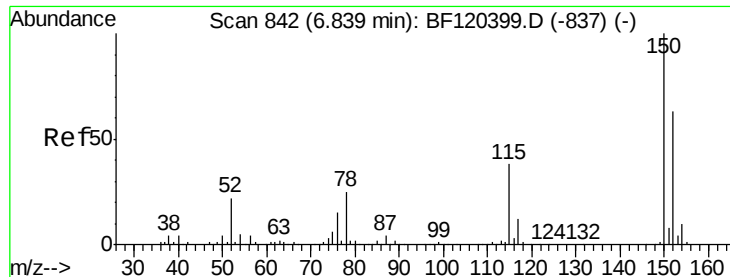
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 04 01:15:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration





#1

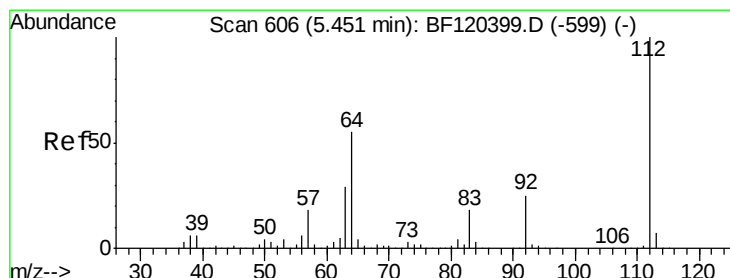
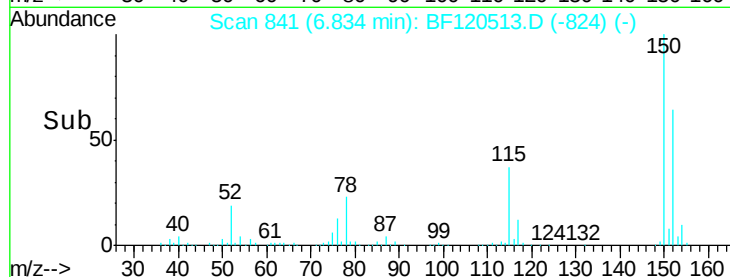
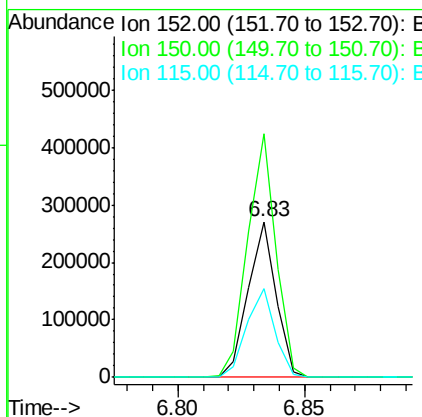
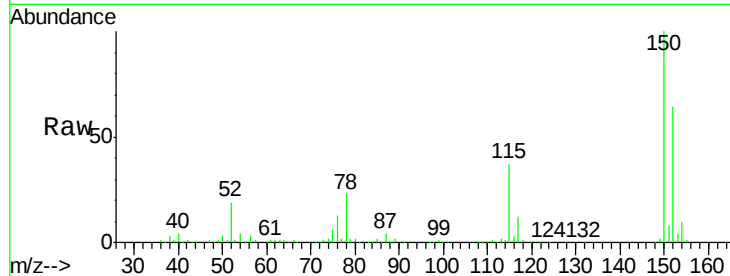
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.1	190.7
115	57.1	48.7	73.1

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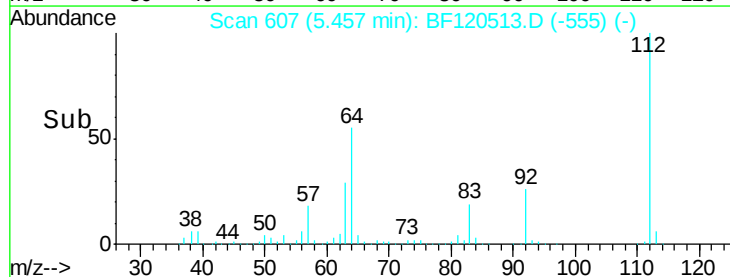
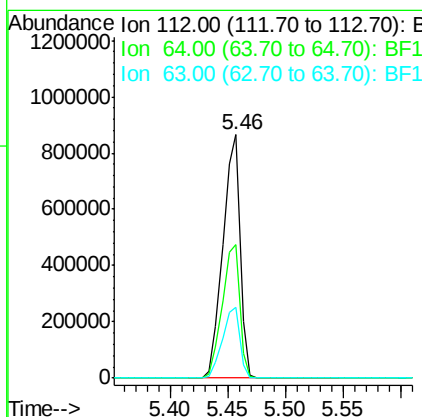
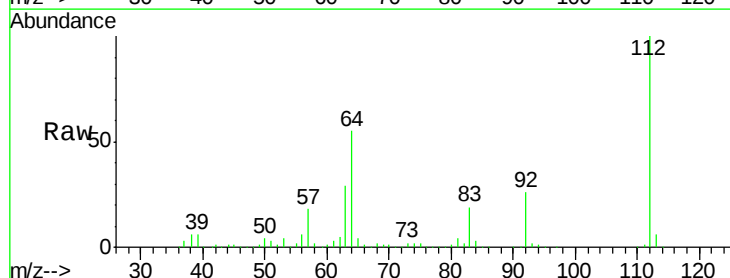
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#5

2-Fluorophenol
Concen: 81.369 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.8	68.8
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 98.300 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120513.D

Acq: 3 Jun 2020 16:57

Instrument :

BNA_F

ClientSampleId :

NM27-COMP-2020-0-6

Tot Ion: 99 Resp: 1329250

Ion Ratio Lower Upper

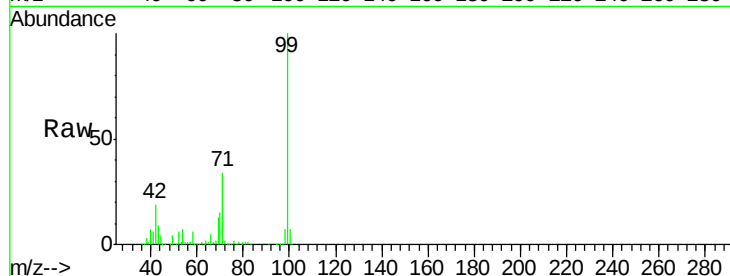
99 100

42 18.9 15.0 22.4

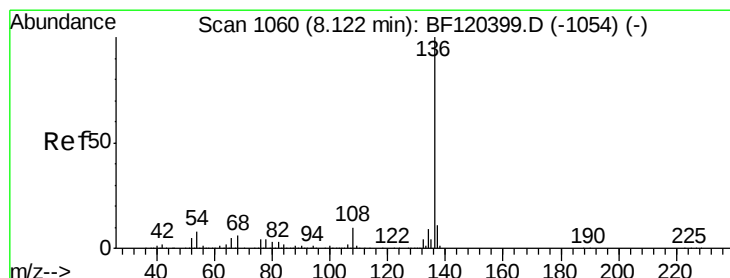
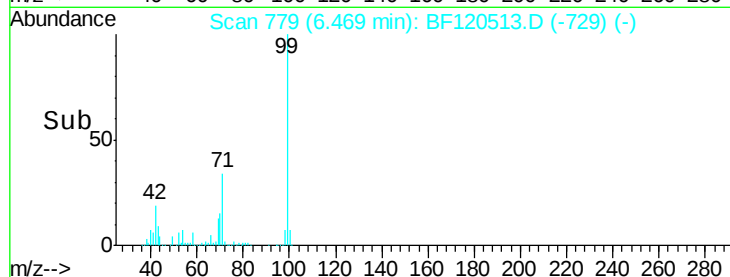
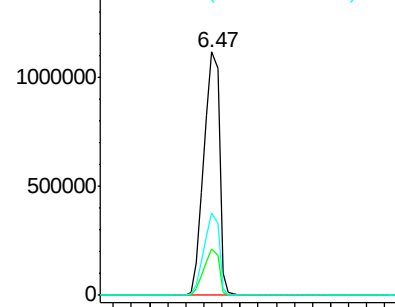
71 33.8 26.3 39.5

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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: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120513.D

Acq: 3 Jun 2020 16:57

Tgt Ion: 136 Resp: 692795

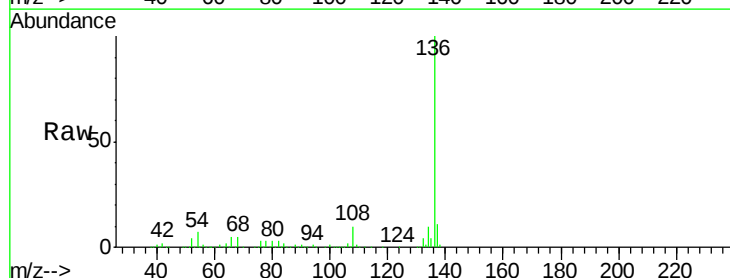
Ion Ratio Lower Upper

136 100

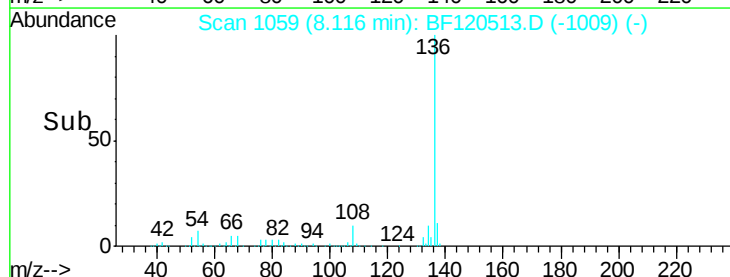
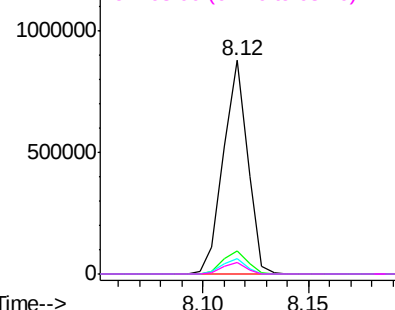
137 11.1 9.0 13.4

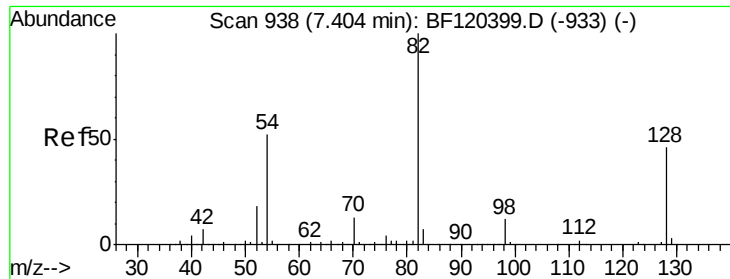
54 7.3 6.0 9.0

68 5.4 4.8 7.2



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





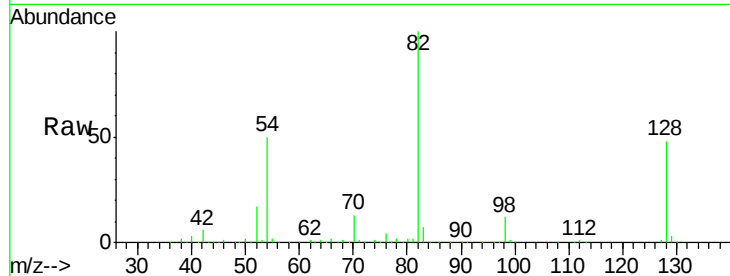
#23
 Nitrobenzene-d5
 Concen: 82.141 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

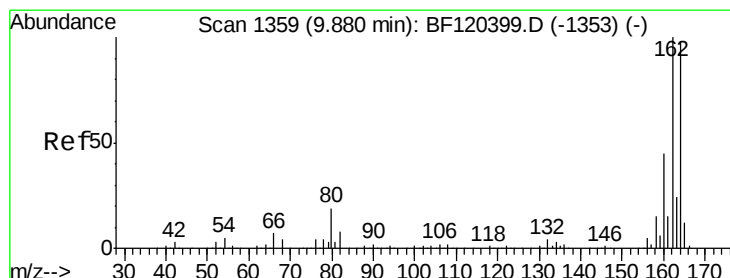
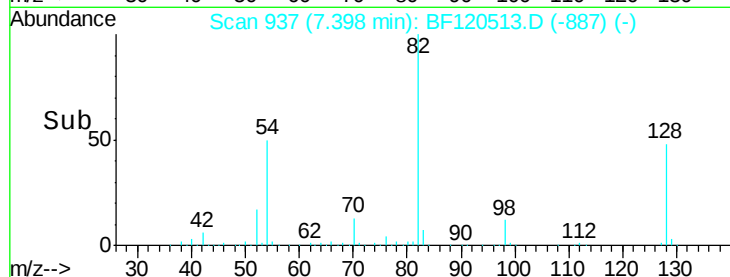
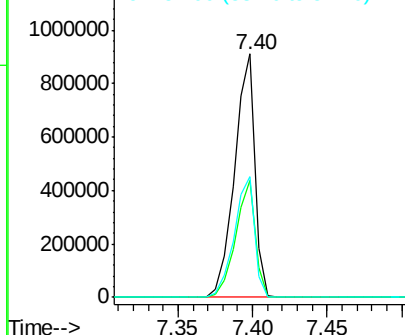
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.0
54	49.5	40.7	61.1

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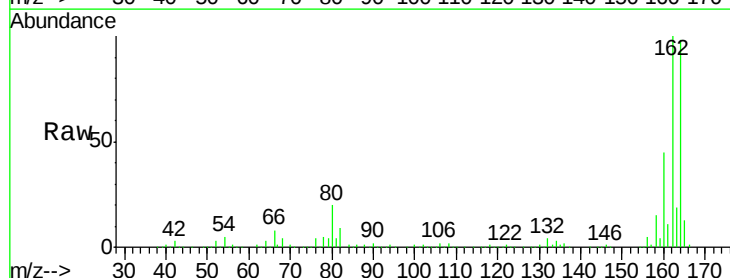


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

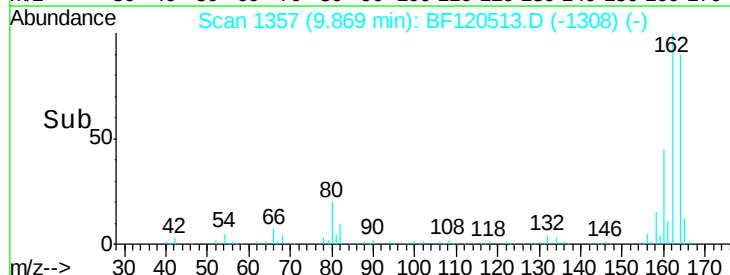
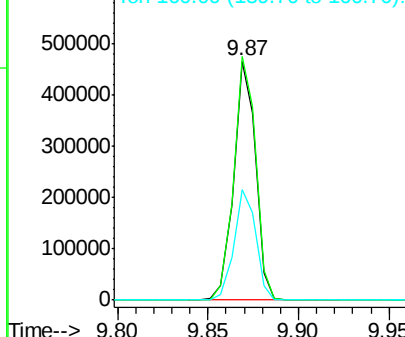


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.6
160	46.0	37.3	55.9



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





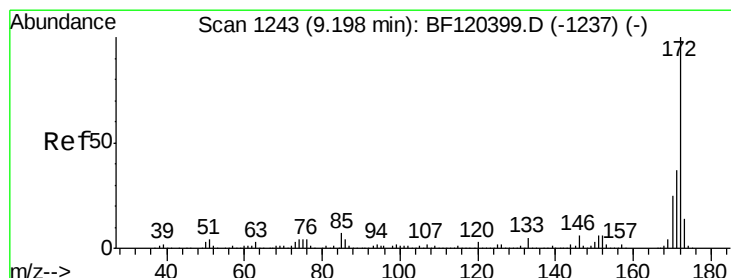
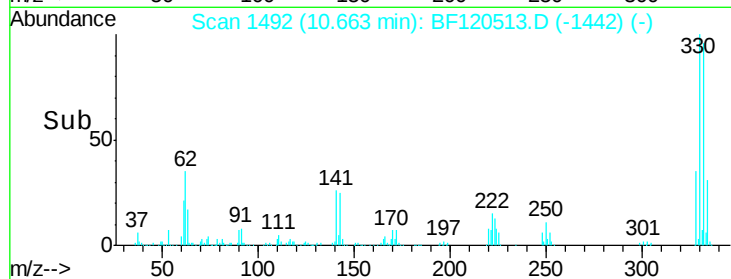
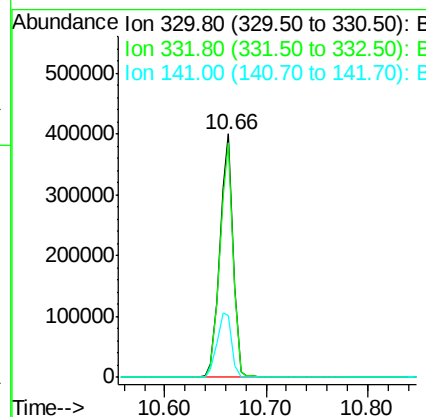
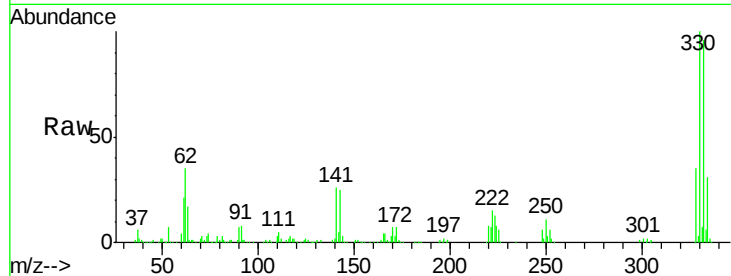
#42
 2,4,6-Tribromophenol
 Concen: 100.936 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	363655		
332	96.3		77.4	116.2
141	29.3		23.5	35.3

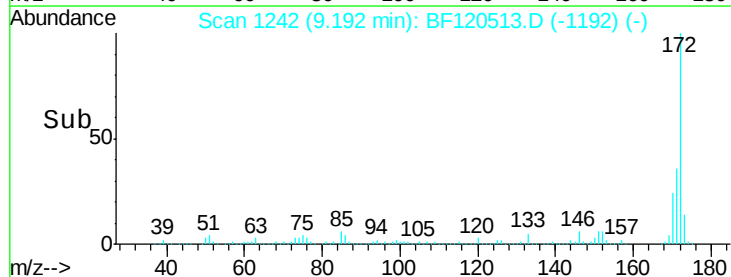
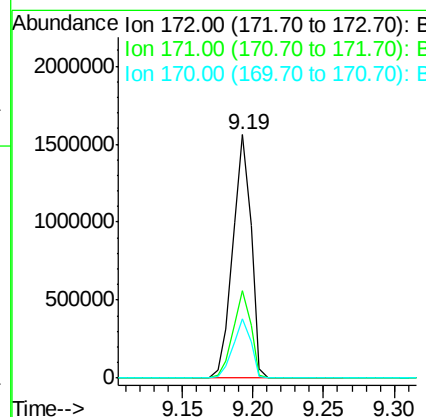
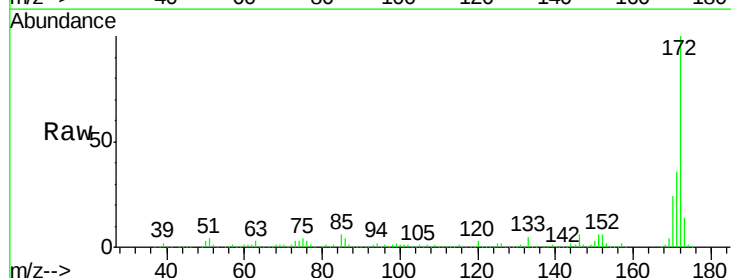
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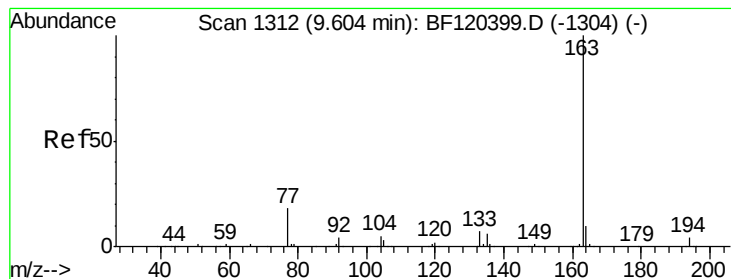
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#45
 2-Fluorobiphenyl
 Concen: 61.346 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1405926		
171	36.1		29.2	43.8
170	24.2		20.1	30.1





#50

Dimethylphthalate

Concen: 14.291 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120513.D

Acq: 3 Jun 2020 16:57

Instrument :

BNA_F

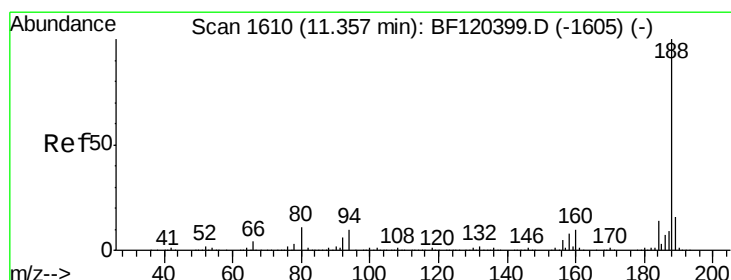
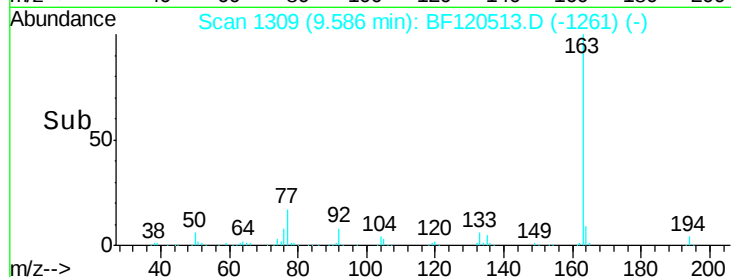
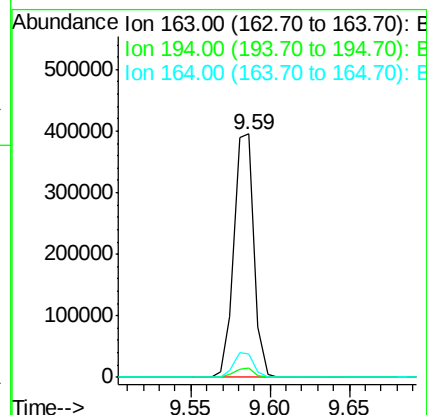
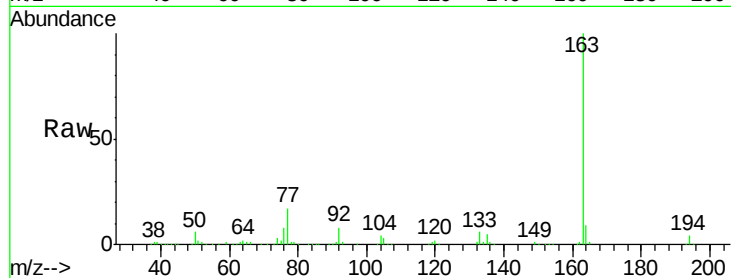
ClientSampleId :

NM27-COMP-2020-0-6

Tot Ion:	163	Resp:	347416
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	9.4	8.2	12.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

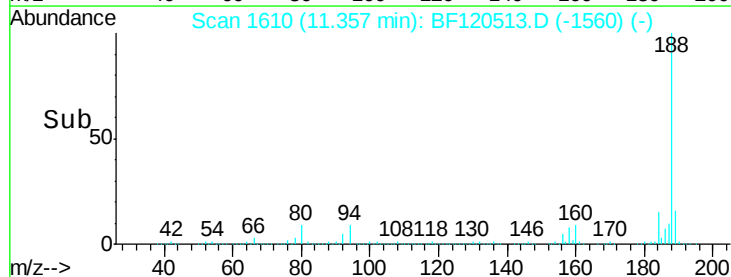
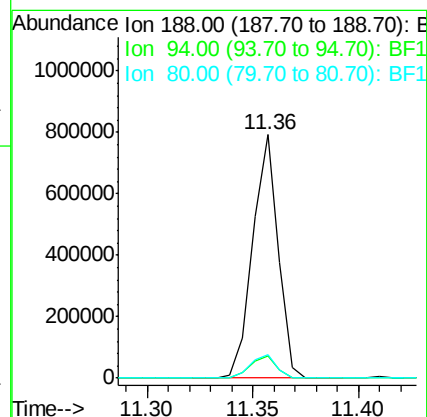
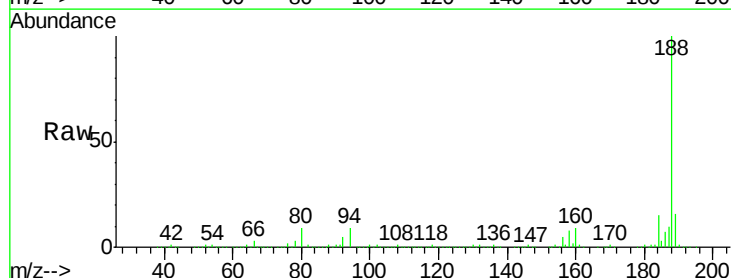
RT: 11.36 min Scan# 1610

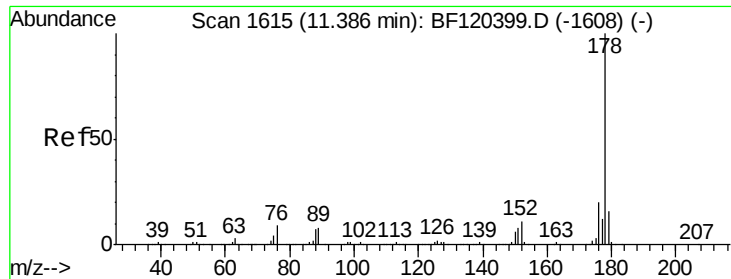
Delta R.T. -0.01 min

Lab File: BF120513.D

Acq: 3 Jun 2020 16:57

Tgt Ion:	188	Resp:	664060
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.5	11.3
80	9.5	7.9	11.9





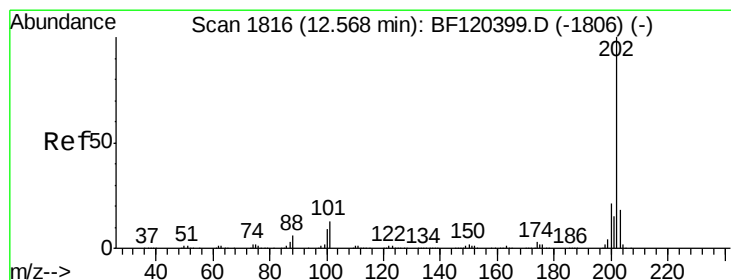
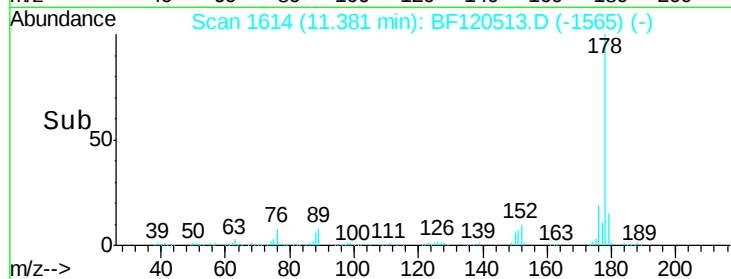
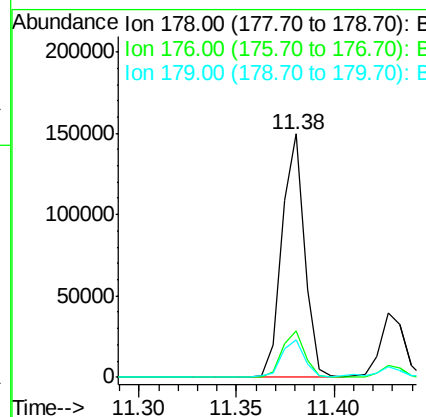
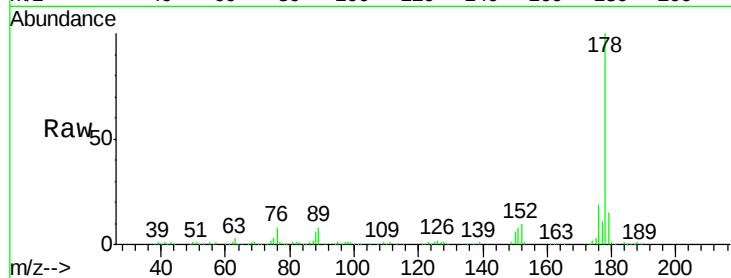
#71
Phenanthrene
Concen: 4.100 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Instrument :
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NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	24.8
179	15.2	13.0	19.4

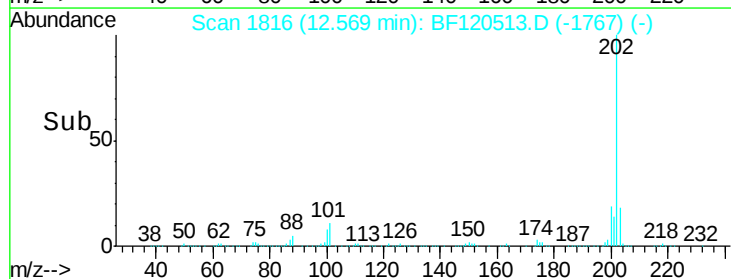
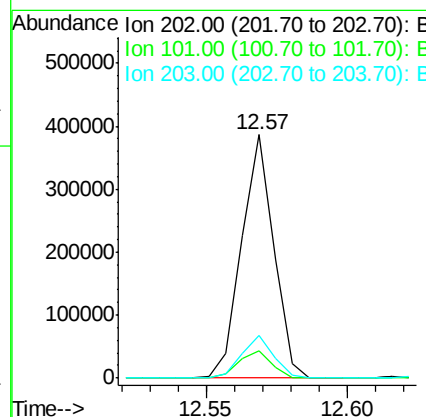
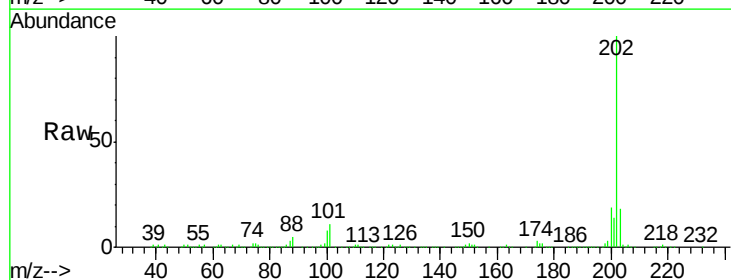
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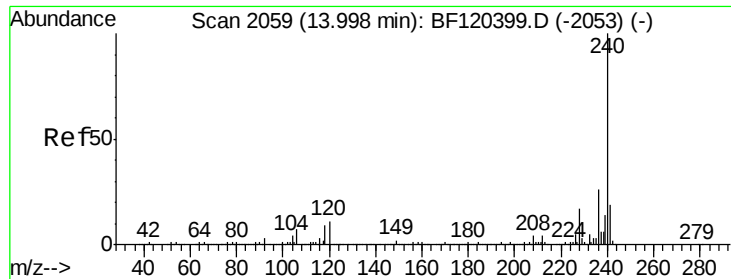
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#75
Fluoranthene
Concen: 9.732 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.4
203	17.6	0.0	38.2





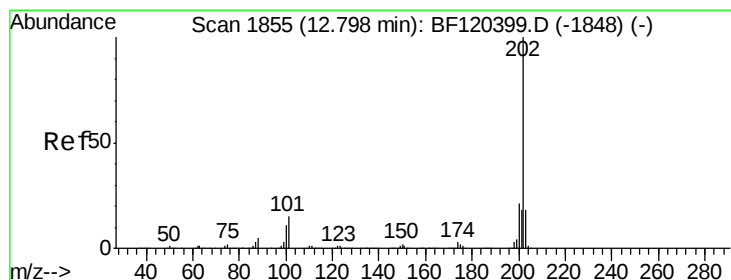
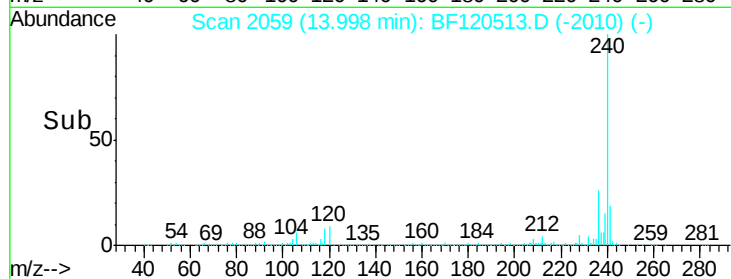
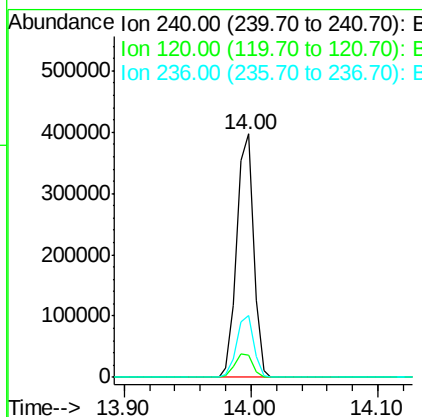
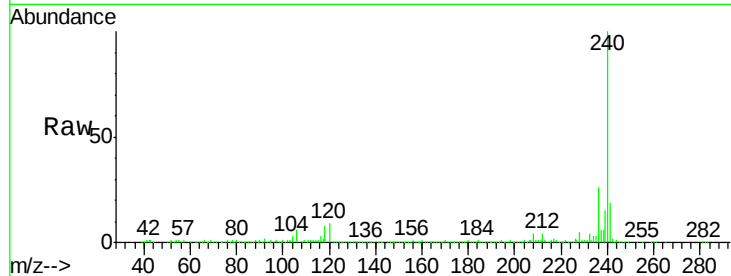
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Instrument :
BNA_F
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NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.9	11.9
236	25.5	21.1	31.7

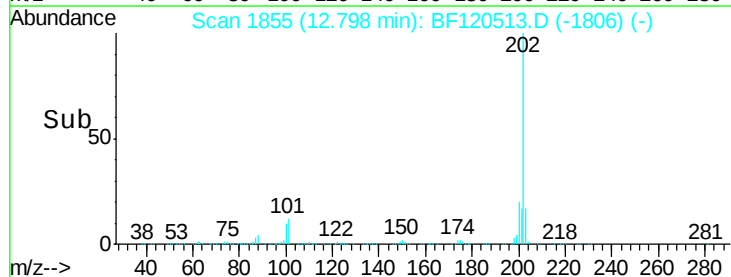
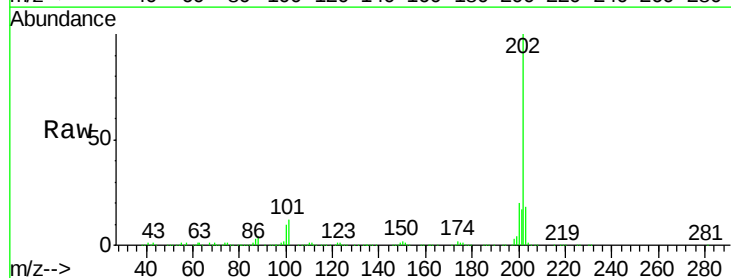
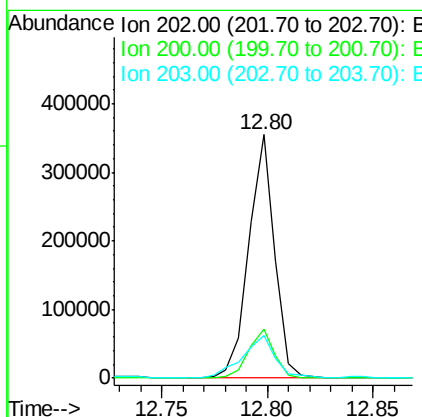
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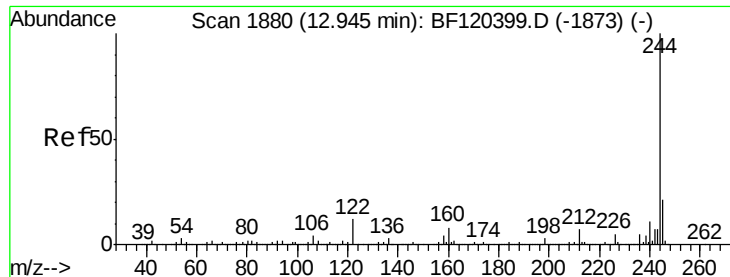
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#78
Pyrene
Concen: 11.937 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.3	25.9
203	17.5	14.5	21.7





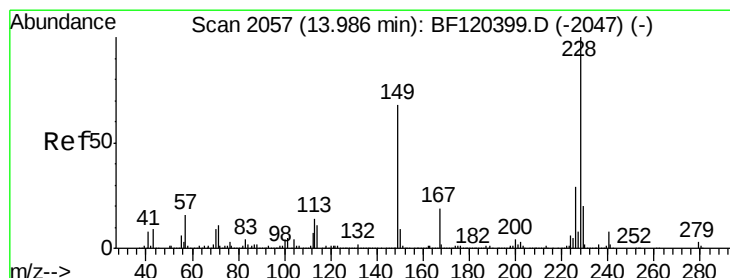
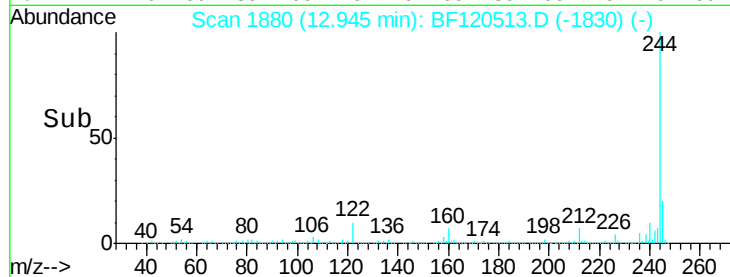
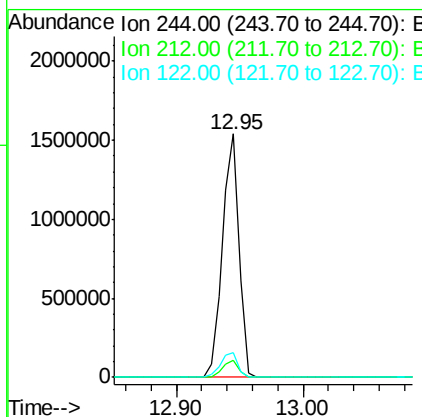
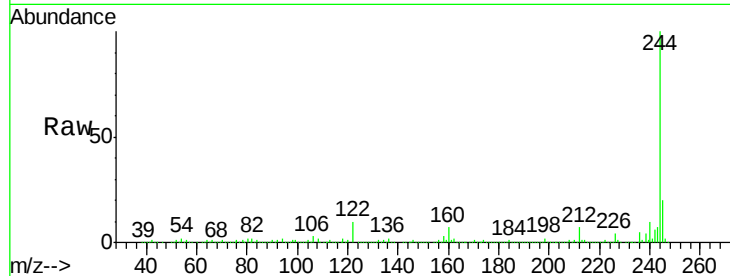
#79
 Terphenyl-d14
 Concen: 85.941 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion:244 Resp: 1403365
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.4 8.2 12.4

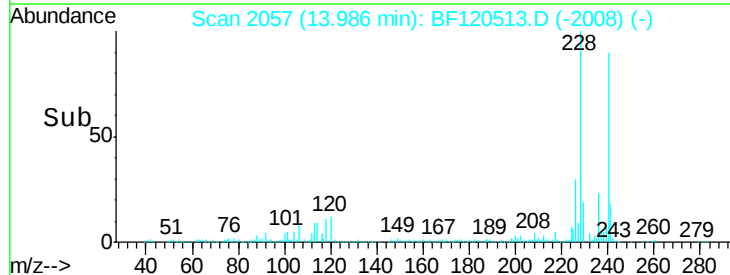
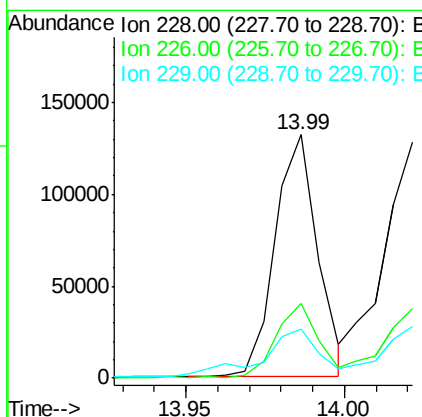
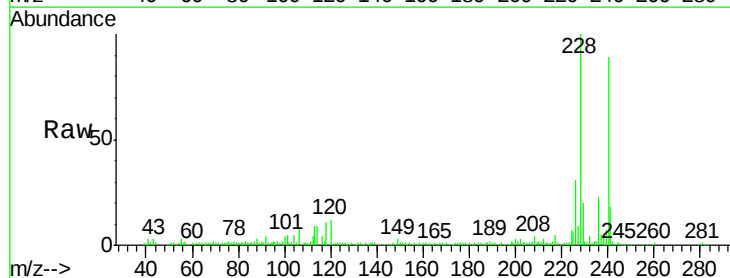
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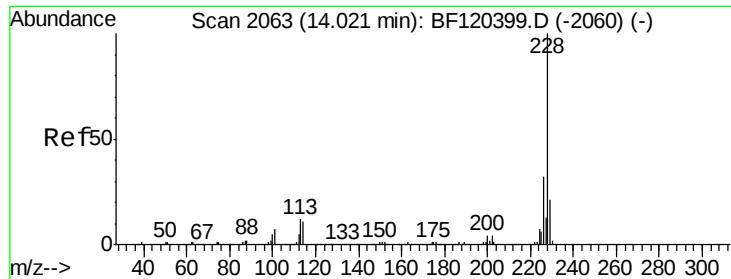
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#81
 Benzo(a)anthracene
 Concen: 6.358 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Tgt Ion:228 Resp: 123822
 Ion Ratio Lower Upper
 228 100
 226 30.7 22.7 34.1
 229 20.4 16.3 24.5





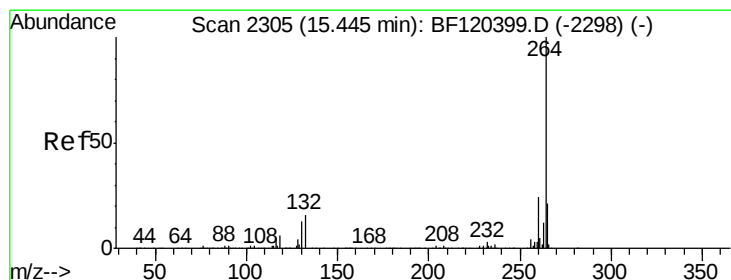
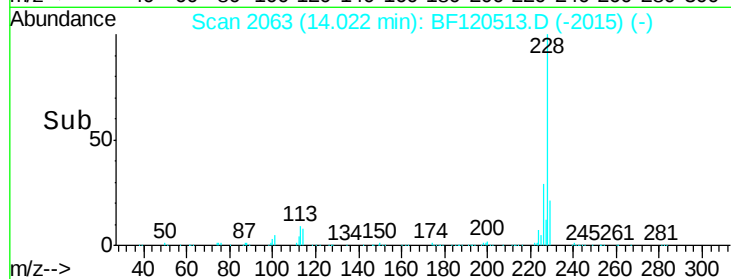
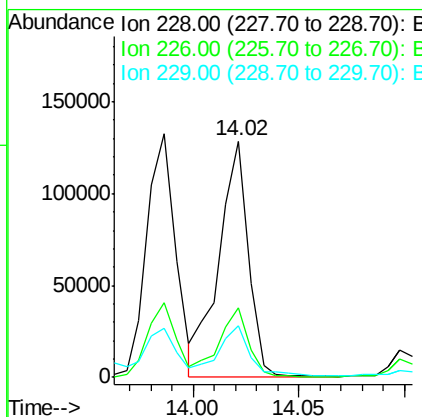
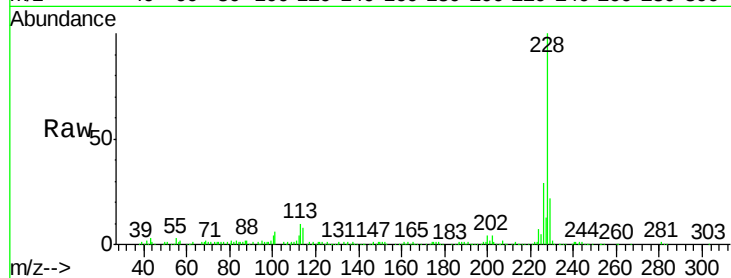
#83
Chrysene
Concen: 6.057 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.2	25.2	37.8		
229	21.8	16.1	24.1		

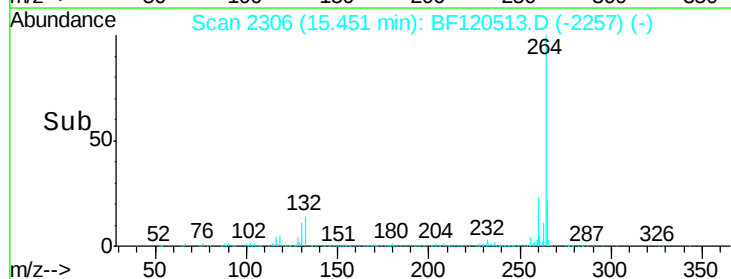
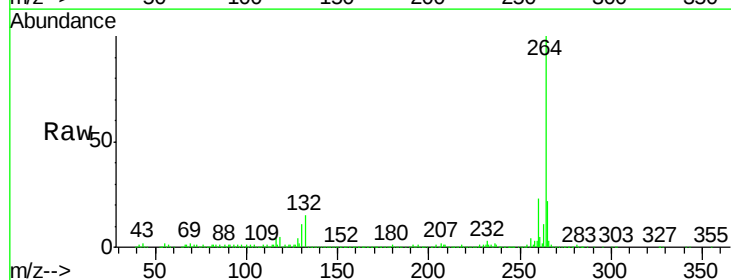
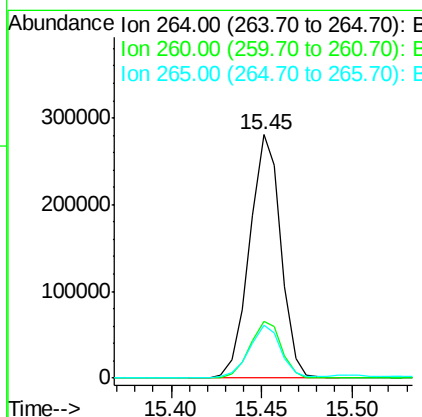
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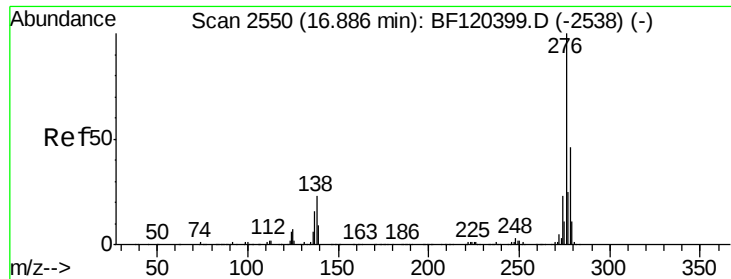
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120513.D
Acq: 3 Jun 2020 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4	19.8	29.8		
265	21.9	17.5	26.3		





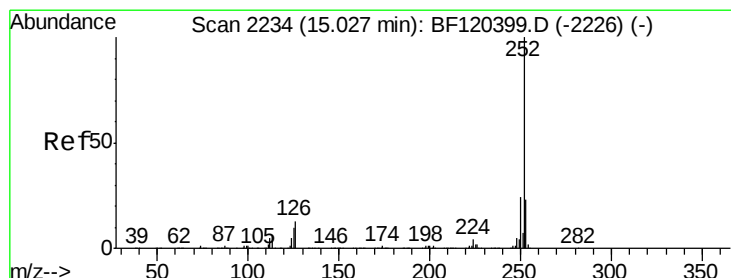
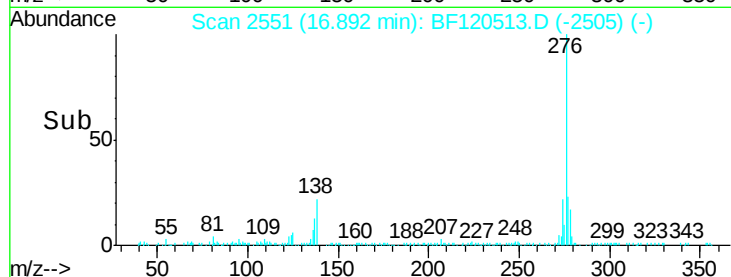
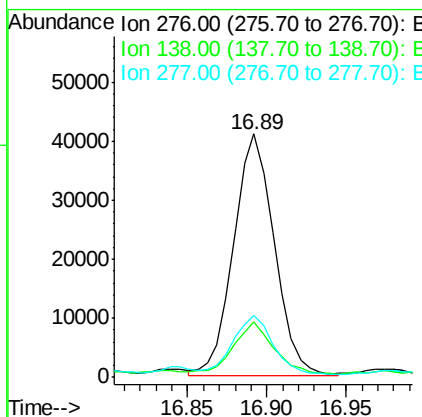
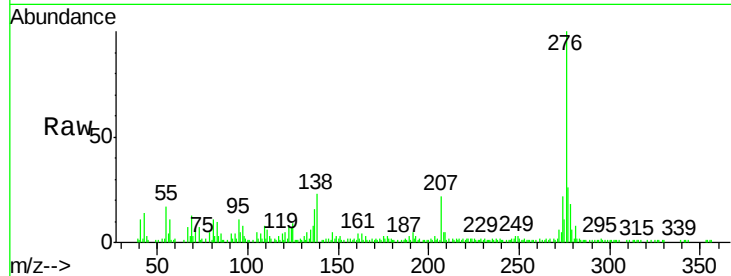
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.006 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.2	28.8
277	24.1	20.4	30.6

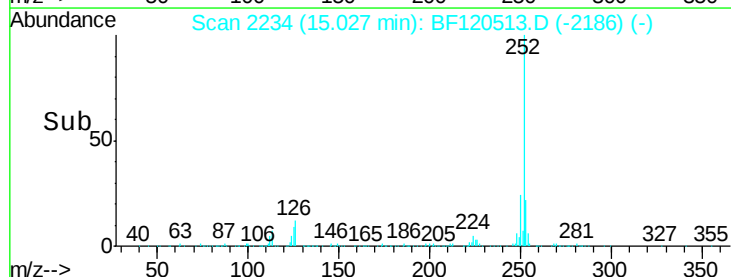
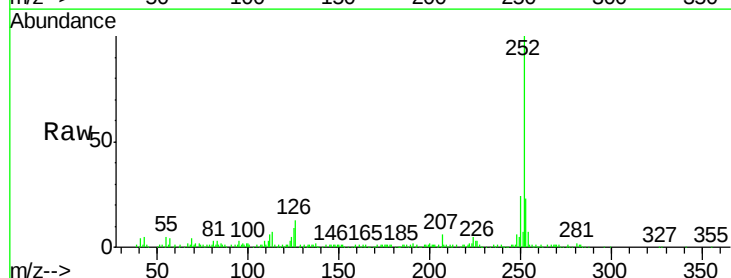
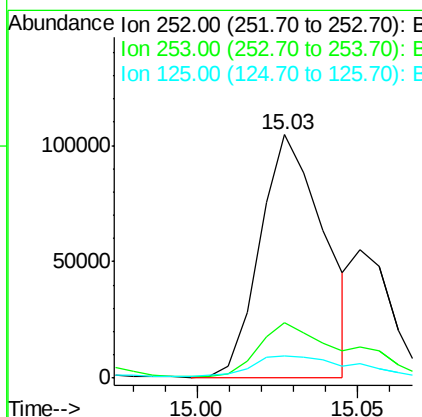
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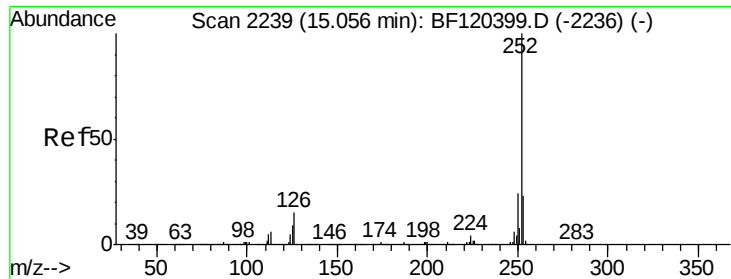
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#88
 Benzo(b)fluoranthene
 Concen: 7.822 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.3	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 2.655 ng

RT: 15.05 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF120513.D

Acq: 3 Jun 2020 16:57

Instrument :

BNA_F

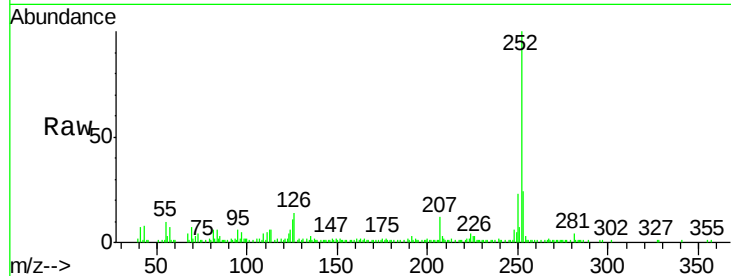
ClientSampleId :

NM27-COMP-2020-0-6

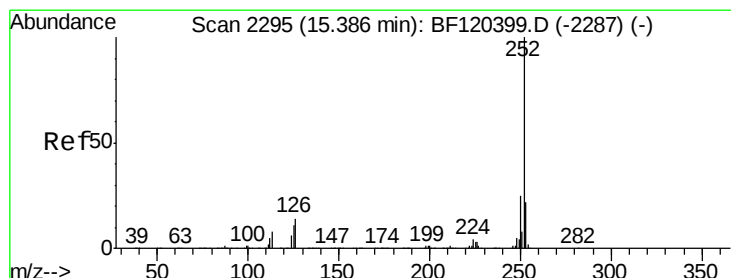
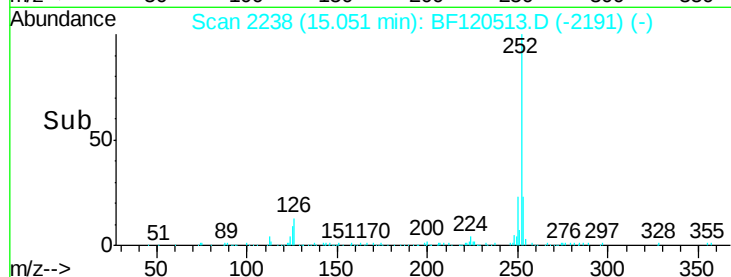
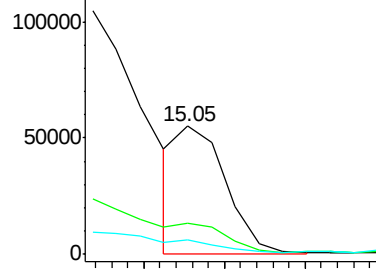
Tot Ion:	252	Resp:	46049
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	11.2	7.5	11.3

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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: 6.097 ng

RT: 15.39 min Scan# 2295

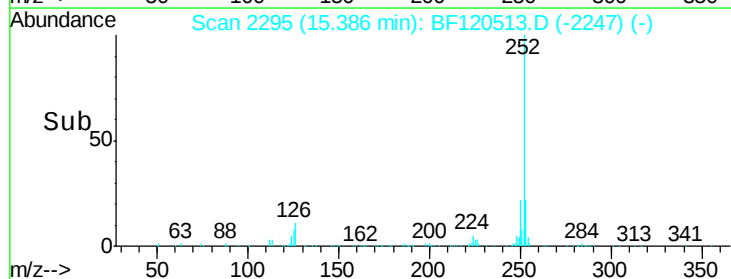
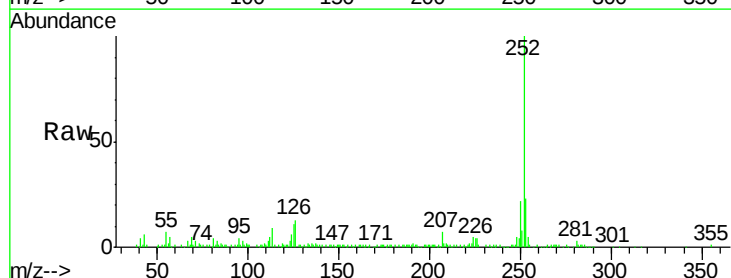
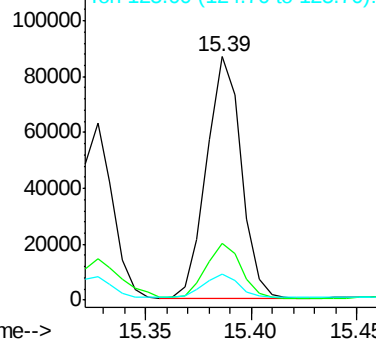
Delta R.T. -0.02 min

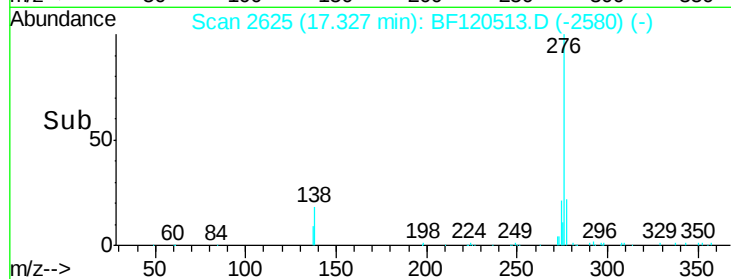
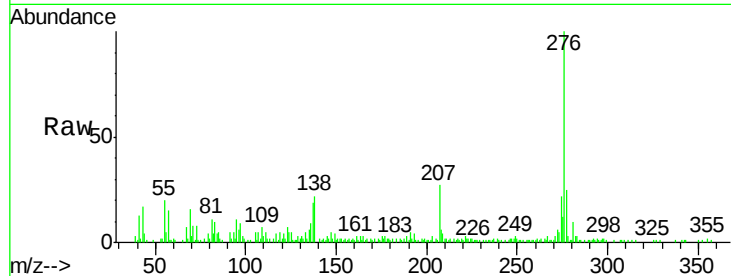
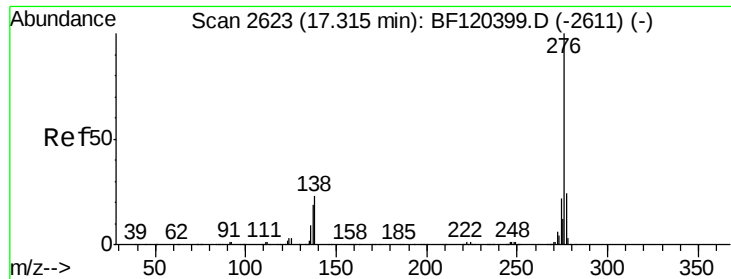
Lab File: BF120513.D

Acq: 3 Jun 2020 16:57

Tgt Ion:	252	Resp:	99087
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	10.6	9.2	13.8

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: 4.647 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.04 min
 Lab File: BF120513.D
 Acq: 3 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 NM27-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	22.2	16.6	25.0

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