

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120515.D
 Acq On : 3 Jun 2020 17:52
 Operator : JU/CG
 Sample : L2839-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 18:53:36 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	186215	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	612916	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	333063	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	557487	20.00	ng	0.00
76) Chrysene-d12	14.00	240	405557	20.00	ng	-0.01
86) Perylene-d12	15.45	264	393646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	664021	67.96	ng	0.00
7) Phenol-d6	6.47	99	900554	74.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	644728	68.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	272565	88.32	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1219288	62.11	ng	0.00
79) Terphenyl-d14	12.94	244	979059	53.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	274904	13.202	ng	99
71) Phenanthrene	11.38	178	99812	4.063	ng	97
75) Fluoranthene	12.57	202	189571	7.172	ng	97
78) Pyrene	12.80	202	195800	6.942	ng	97
81) Benzo(a)anthracene	13.99	228	122423	5.632	ng	97
83) Chrysene	14.02	228	117316	5.148	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	49978	2.321	ng	# 92
88) Benzo(b)fluoranthene	15.03	252	165274m	7.559	ng	
89) Benzo(k)fluoranthene	15.05	252	49575m	2.429	ng	
90) Benzo(a)pyrene	15.39	252	110241	5.764	ng	99
92) Benzo(g,h,i)perylene	17.33	276	55297	3.194	ng	99

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

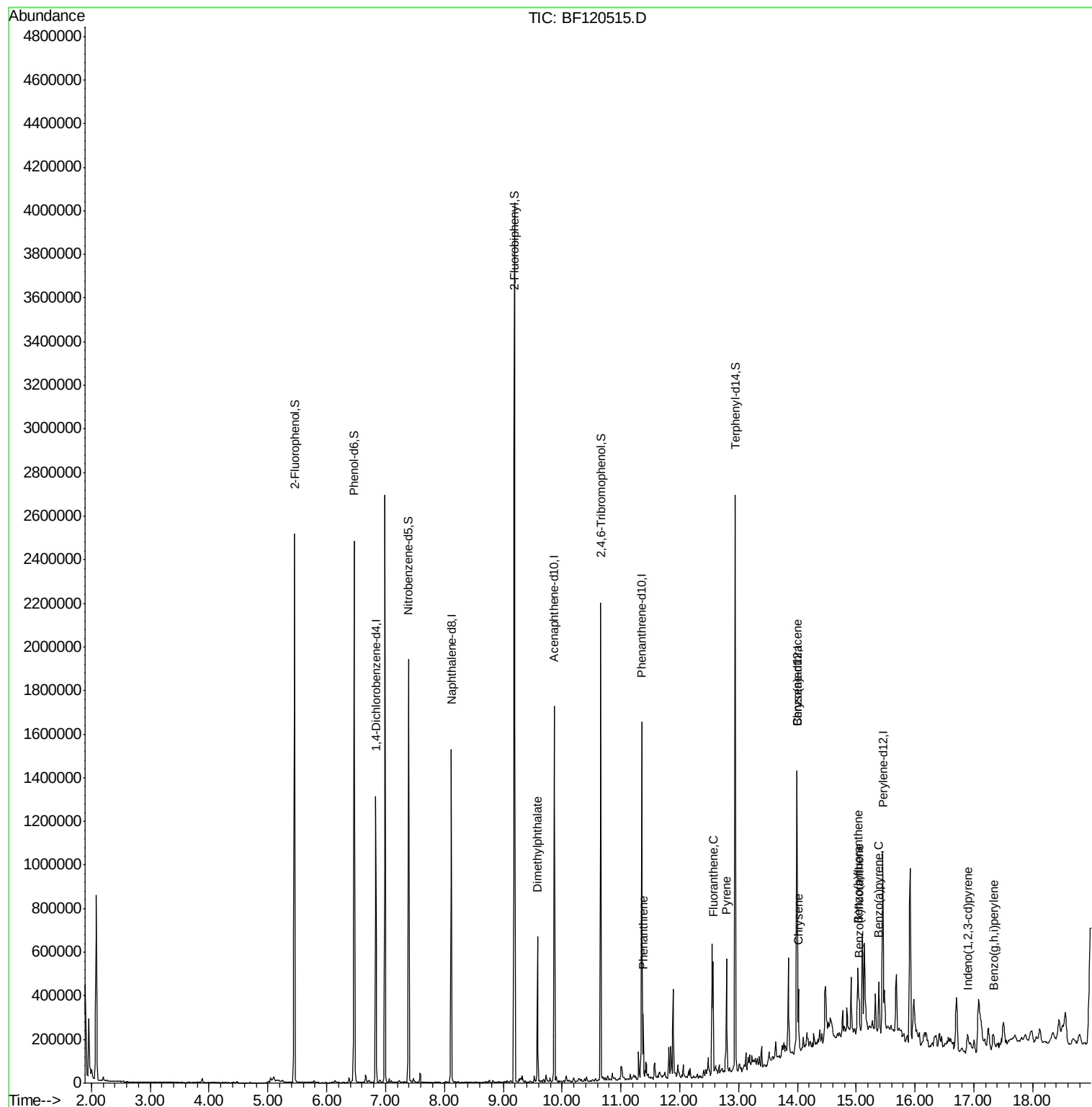
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120515.D
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ALS Vial : 12 Sample Multiplier: 1

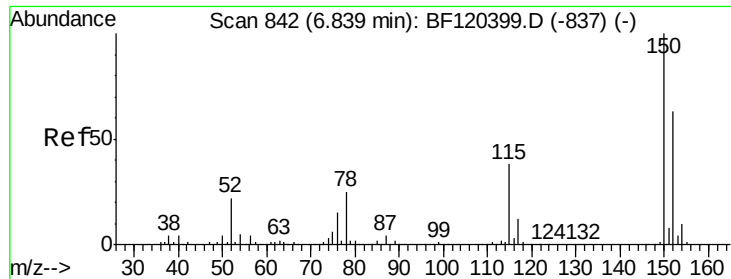
Instrument :
BNA_F
ClientSampleId :
NM12-COMP-2020-0-6

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Quant Time: Jun 03 18:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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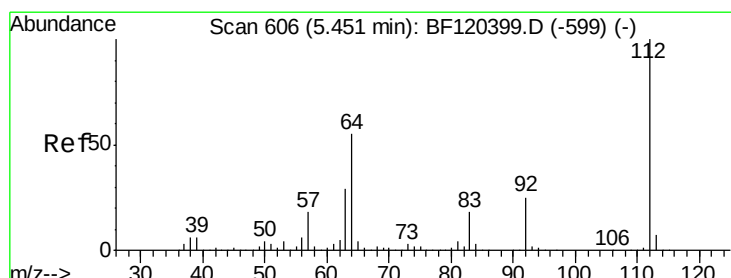
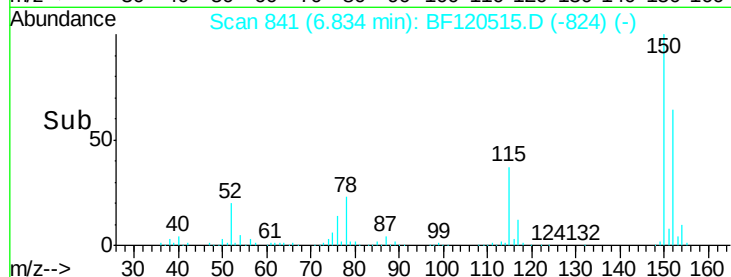
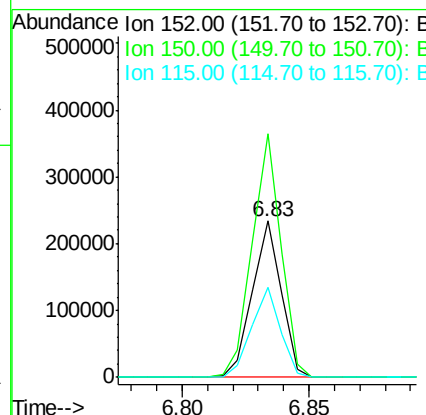
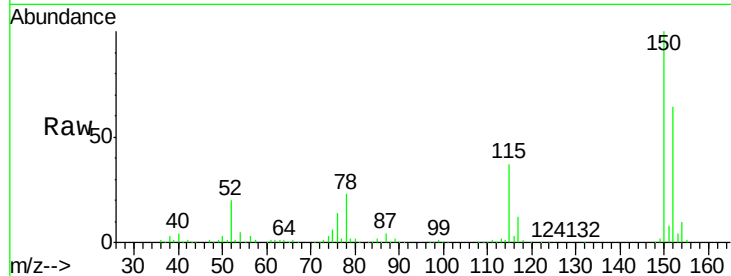
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.1	190.7
115	57.5	48.7	73.1

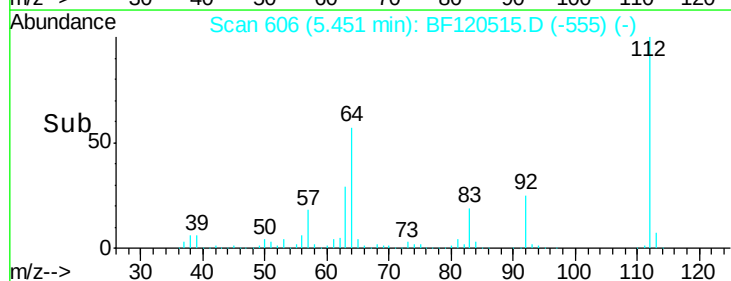
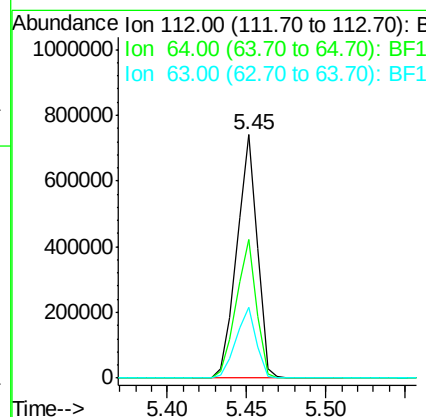
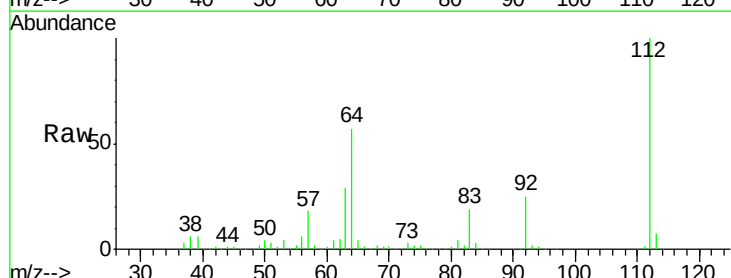
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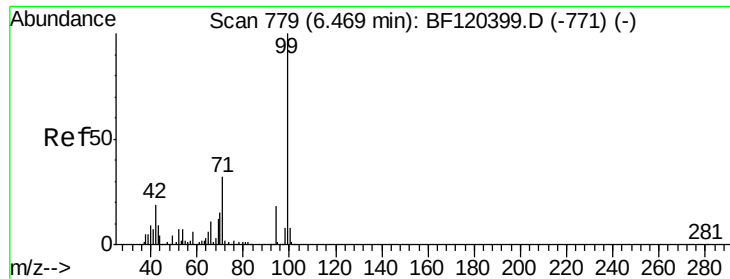
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#5
 2-Fluorophenol
 Concen: 67.957 ng
 RT: 5.45 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.8	68.8
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 74.774 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120515.D

Acq: 3 Jun 2020 17:52

Instrument :

BNA_F

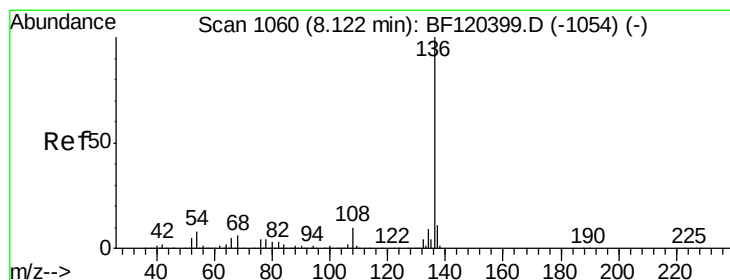
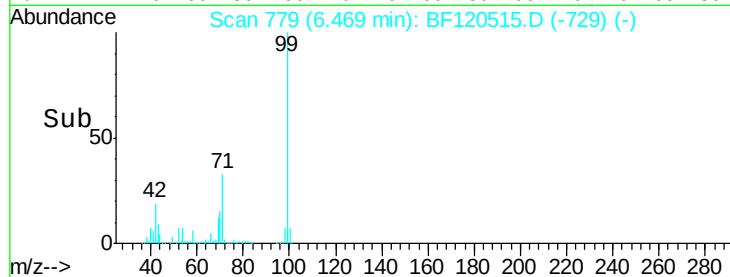
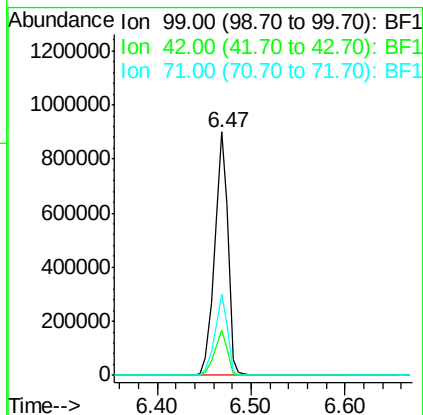
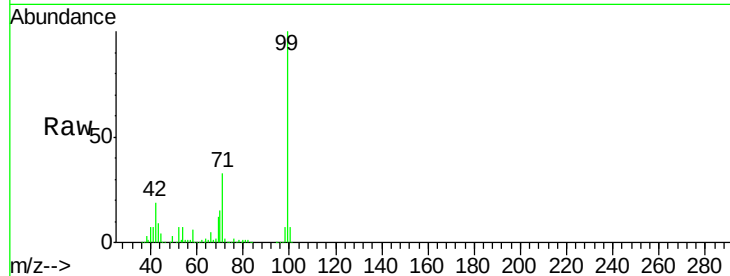
ClientSampleId :

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Tot Ion:	99	Resp:	900554
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	33.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

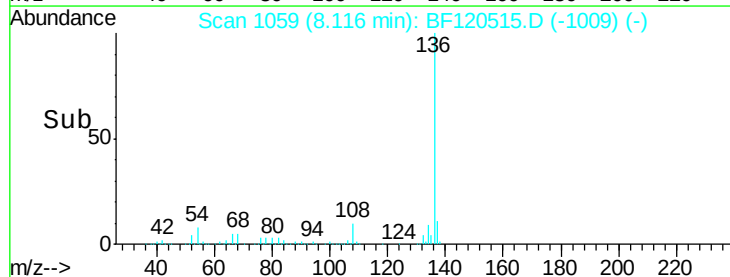
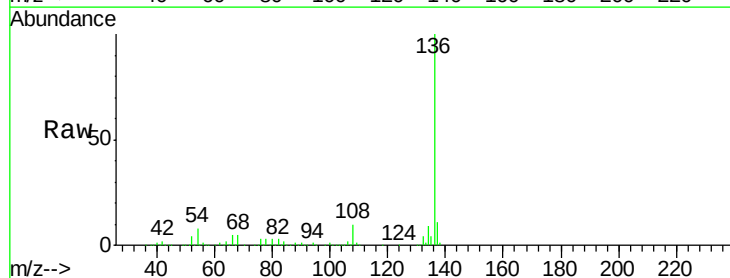
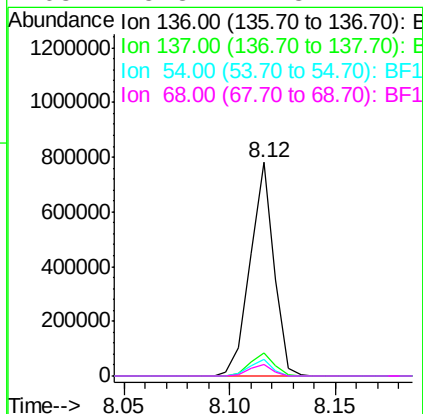
RT: 8.12 min Scan# 1059

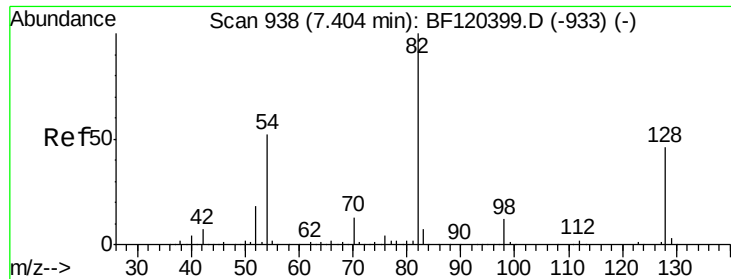
Delta R.T. -0.01 min

Lab File: BF120515.D

Acq: 3 Jun 2020 17:52

Tgt Ion:	136	Resp:	612916
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.5	6.0	9.0
68	5.3	4.8	7.2





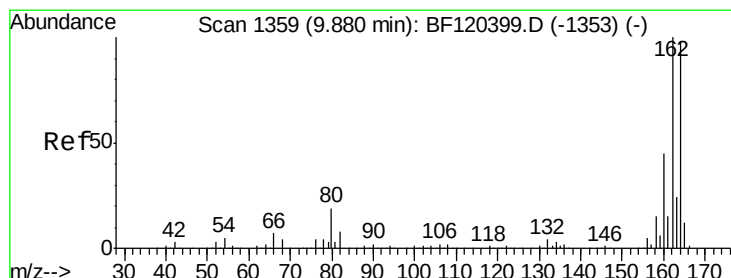
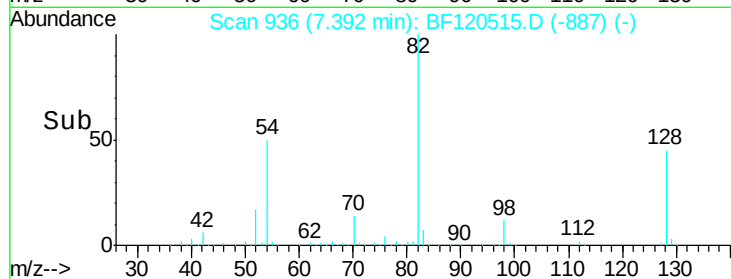
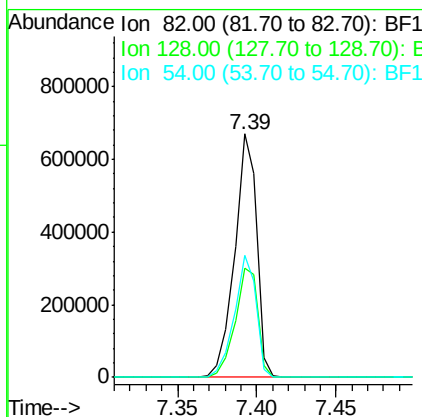
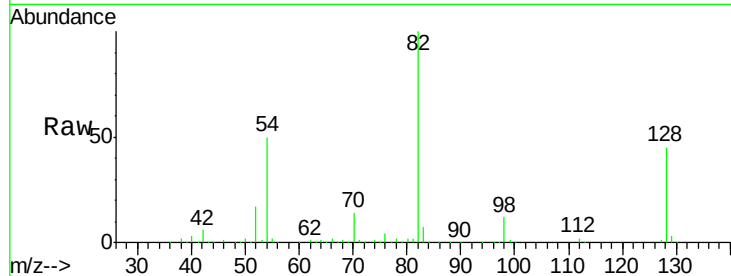
#23
 Nitrobenzene-d5
 Concen: 68.808 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-2020-0-6

Tot Ion	82	Resp	644728
Ion Ratio	100	Lower	Upper
82	100		
128	45.1	37.4	56.0
54	50.3	40.7	61.1

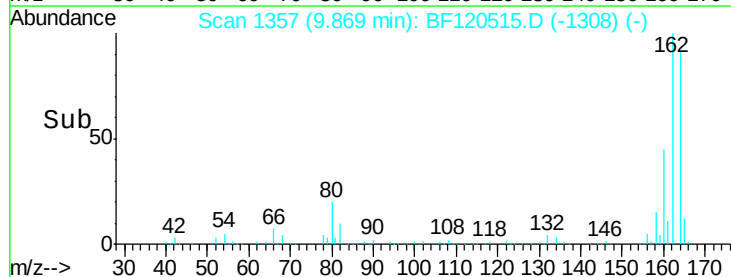
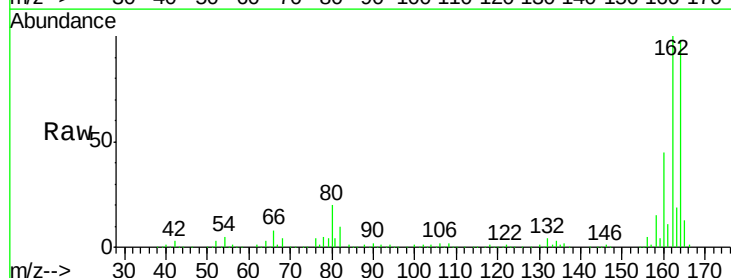
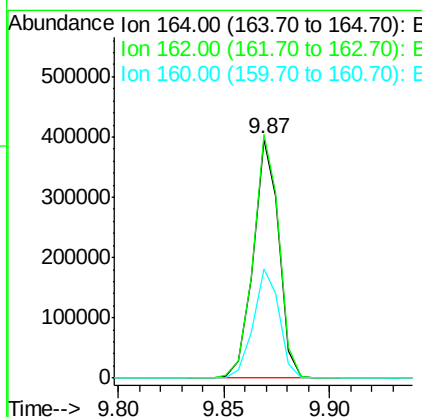
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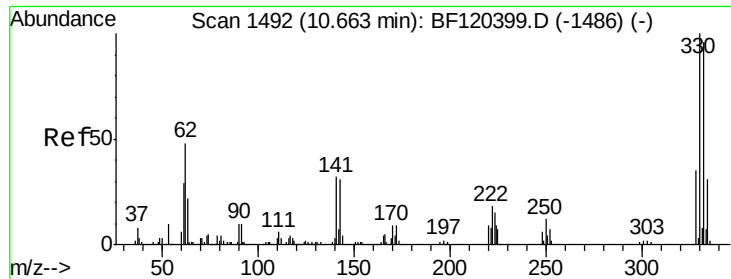
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Tgt Ion	164	Resp	333063
Ion Ratio	100	Lower	Upper
164	100		
162	101.9	81.8	122.6
160	45.9	37.3	55.9





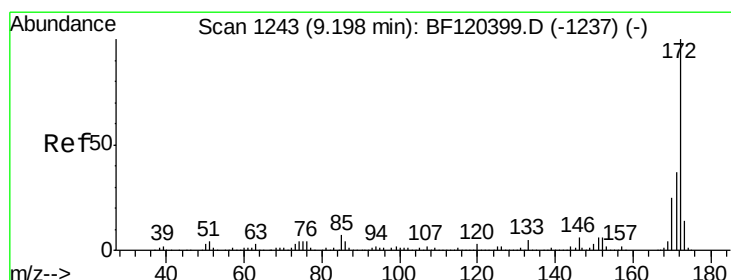
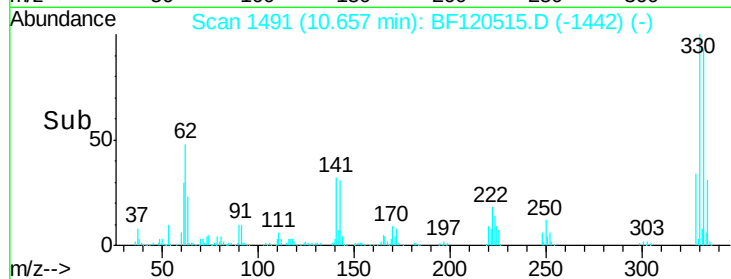
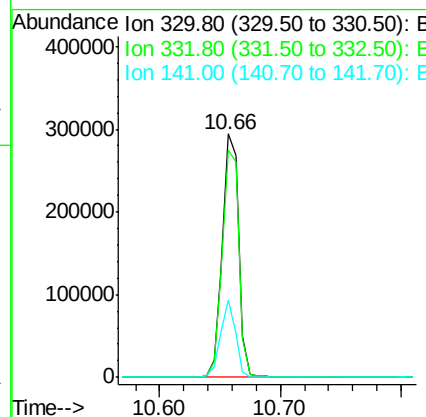
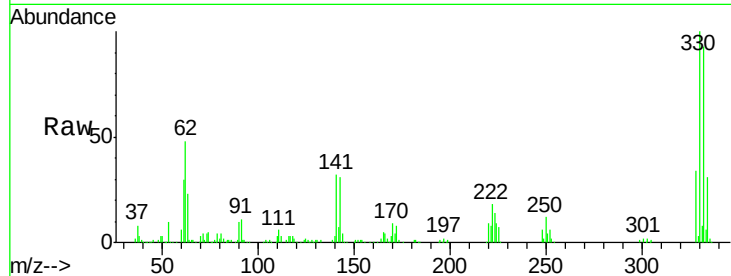
#42
 2,4,6-Tribromophenol
 Concen: 88.324 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	272565		
332	95.4		77.4	116.2
141	29.1		23.5	35.3

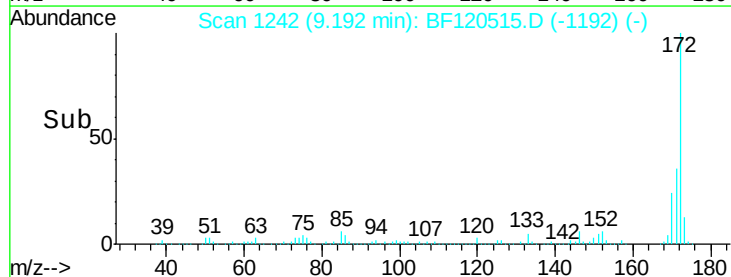
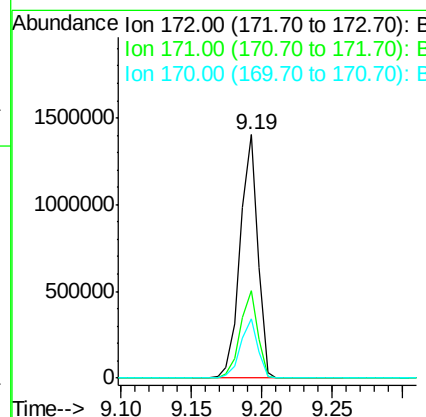
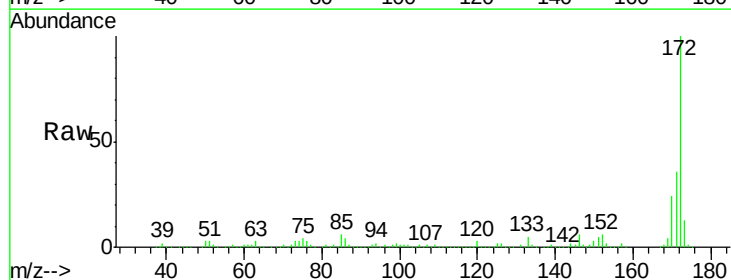
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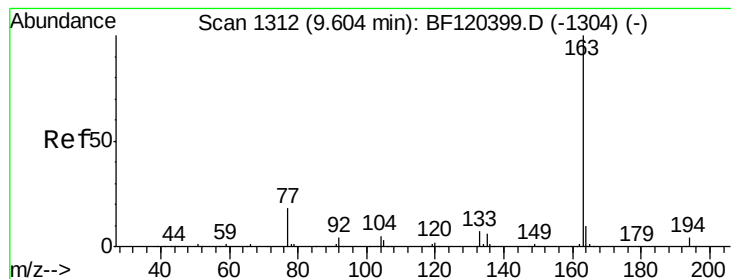
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#45
 2-Fluorobiphenyl
 Concen: 62.113 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1219288		
171	36.1		29.2	43.8
170	24.1		20.1	30.1





#50

Dimethylphthalate

Concen: 13.202 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120515.D

Acq: 3 Jun 2020 17:52

Instrument :

BNA_F

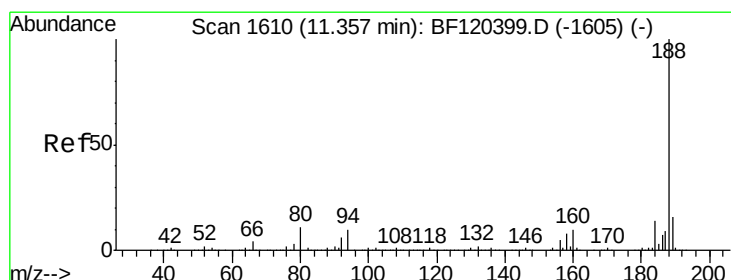
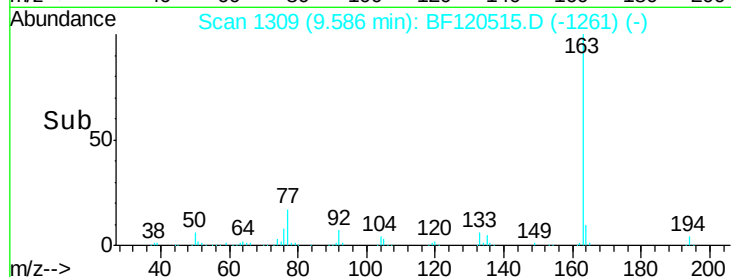
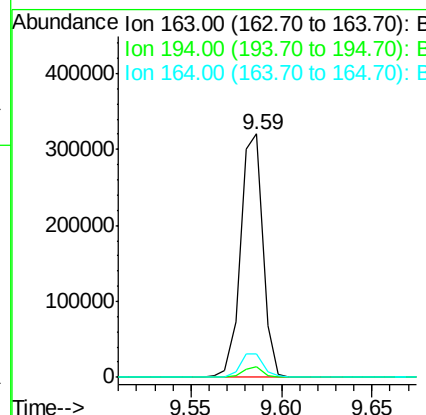
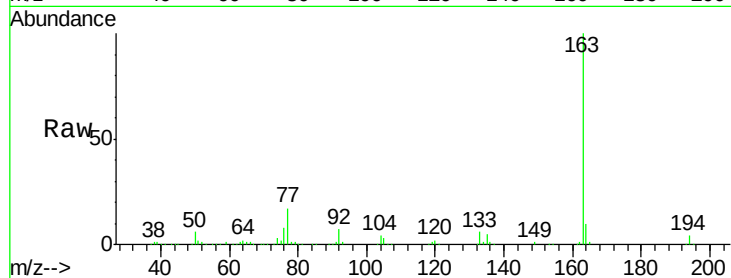
ClientSampleId :

NM12-COMP-2020-0-6

Tot Ion:	163	Resp:	274904
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	9.8	8.2	12.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

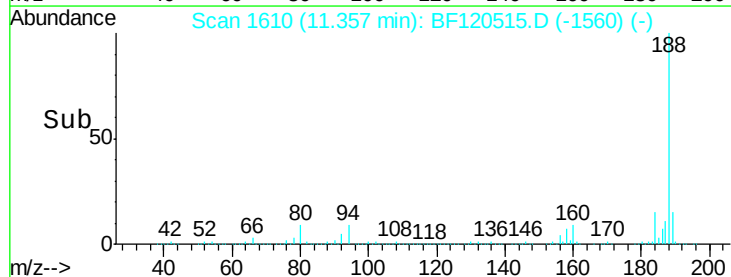
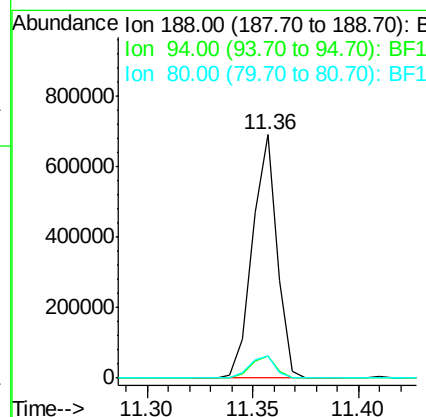
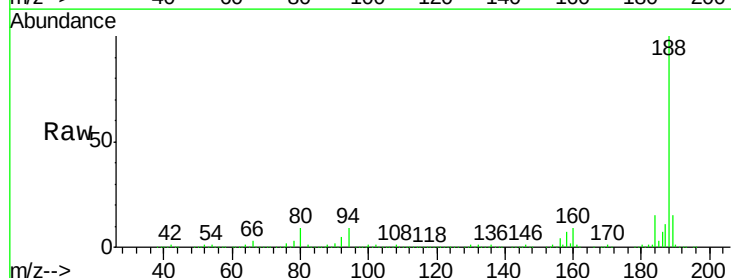
RT: 11.36 min Scan# 1610

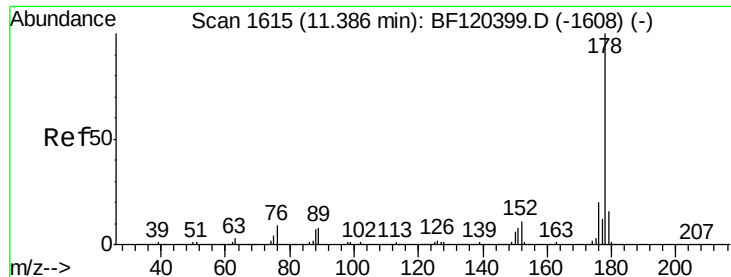
Delta R.T. -0.01 min

Lab File: BF120515.D

Acq: 3 Jun 2020 17:52

Tgt Ion:	188	Resp:	557487
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.5	11.3
80	9.2	7.9	11.9





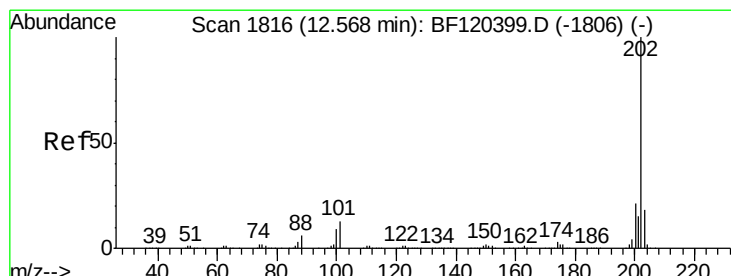
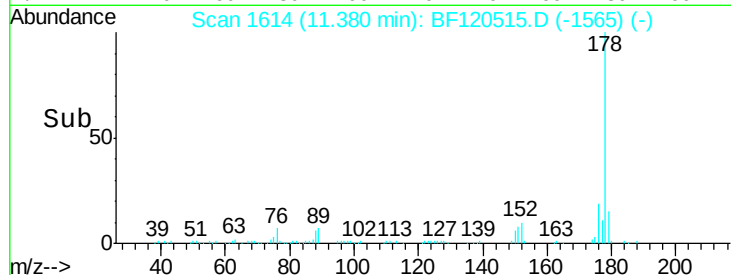
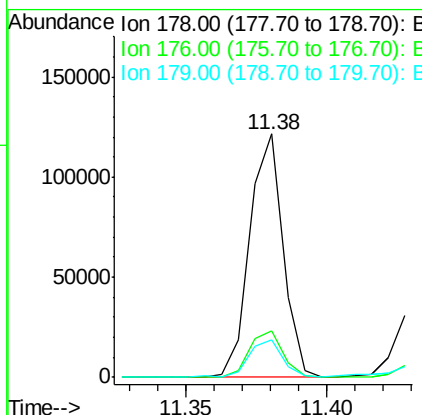
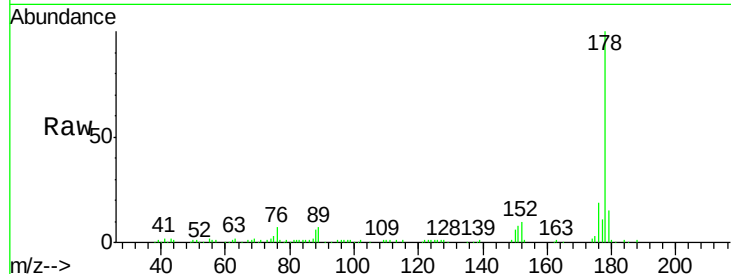
#71
Phenanthrene
Concen: 4.063 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120515.D
Acq: 3 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	24.8
179	15.3	13.0	19.4

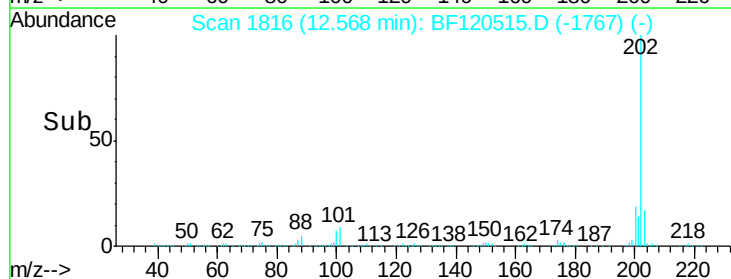
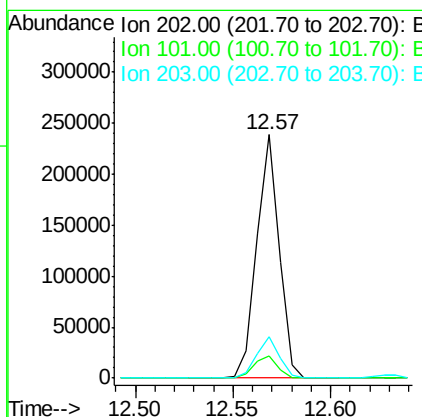
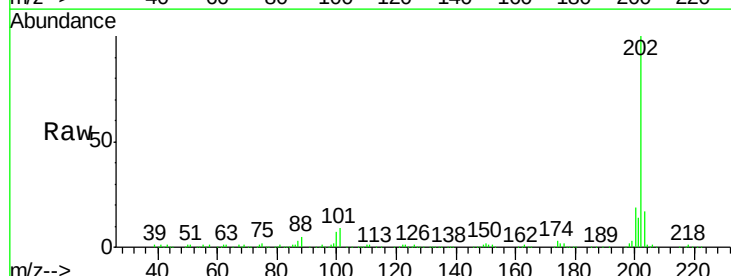
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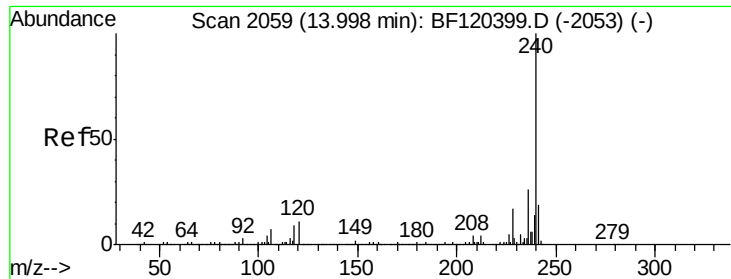
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#75
Fluoranthene
Concen: 7.172 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120515.D
Acq: 3 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.4
203	16.9	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: BF120515.D

Acq: 3 Jun 2020 17:52

Instrument :

BNA_F

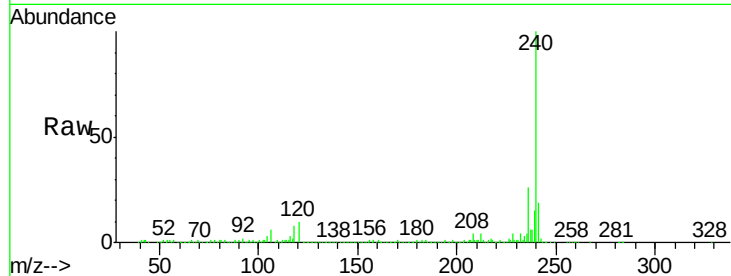
ClientSampleId :

NM12-COMP-2020-0-6

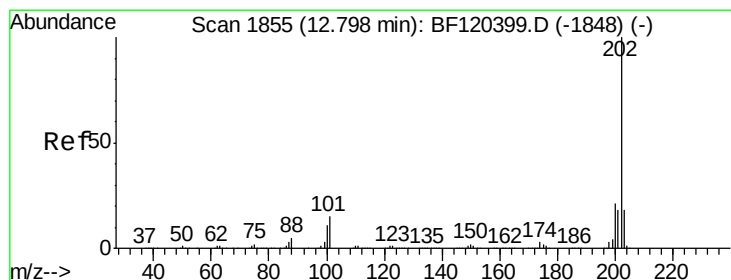
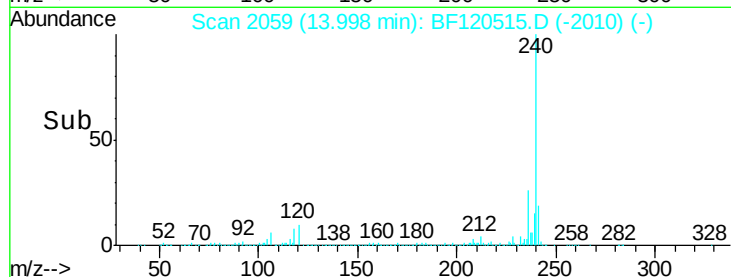
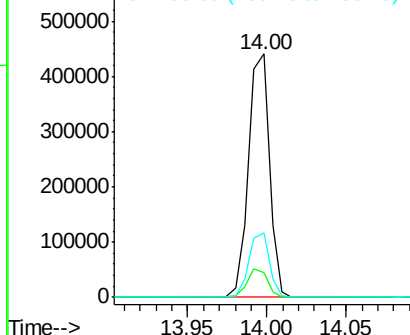
Tot Ion:	240	Resp:	405557
Ion Ratio	Lower	Upper	
240	100		
120	10.0	7.9	11.9
236	26.5	21.1	31.7

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 6.942 ng

RT: 12.80 min Scan# 1855

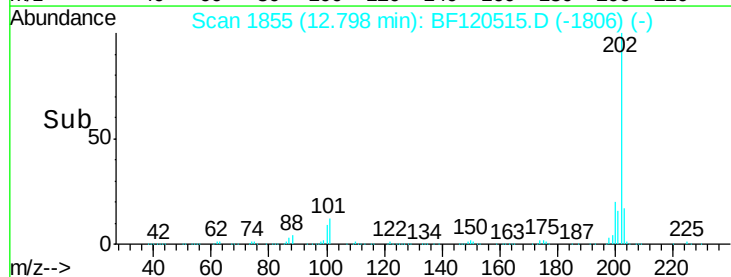
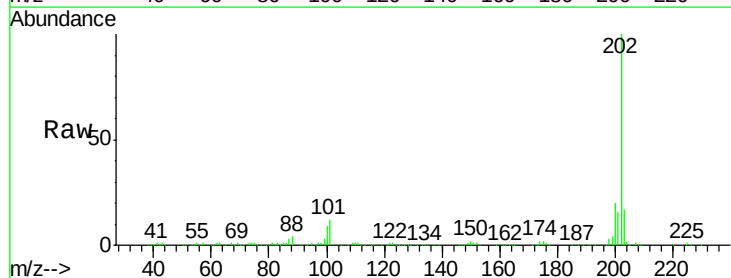
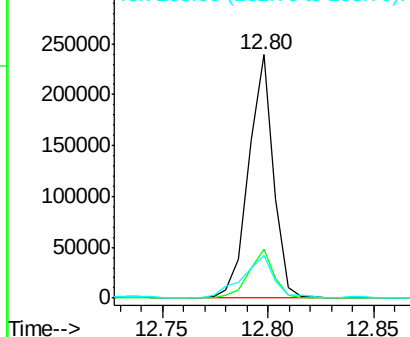
Delta R.T. -0.01 min

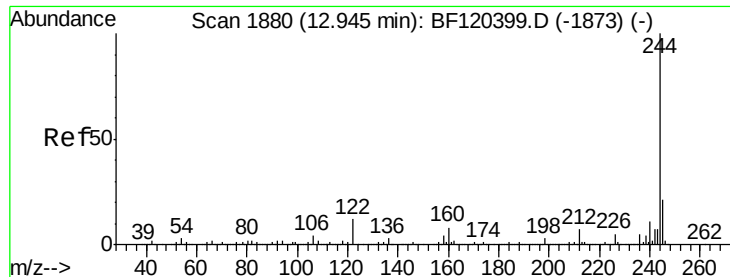
Lab File: BF120515.D

Acq: 3 Jun 2020 17:52

Tgt Ion:	202	Resp:	195800
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.3	25.9
203	17.3	14.5	21.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.720 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120515.D

Acq: 3 Jun 2020 17:52

Instrument :

BNA_F

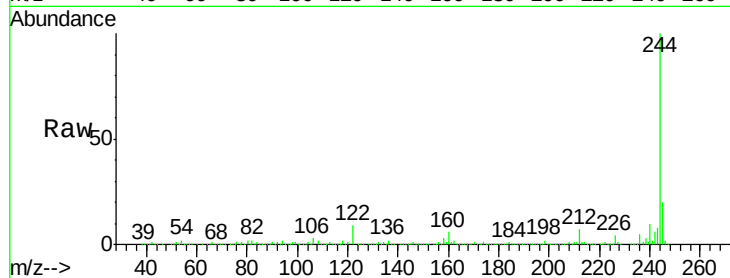
ClientSampleId :

NM12-COMP-2020-0-6

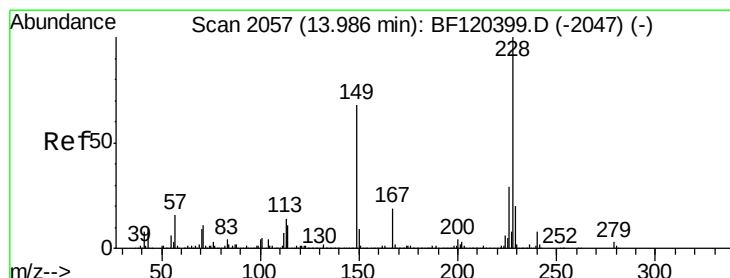
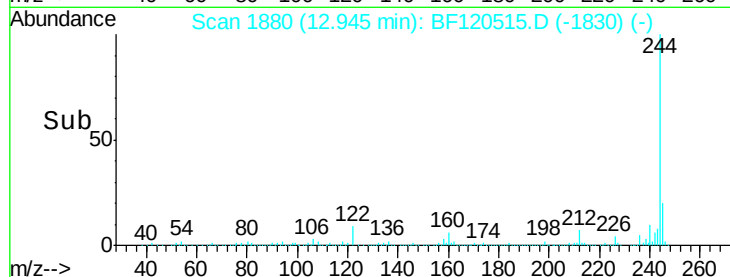
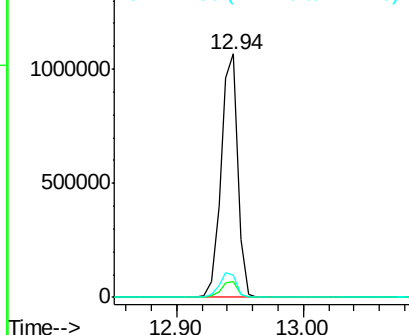
Tot Ion:	244	Resp:	979059
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.8
122	9.1	8.2	12.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.632 ng

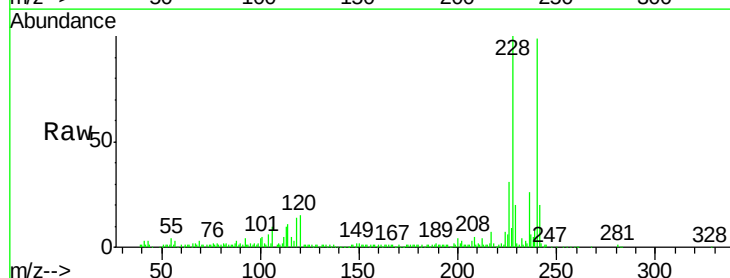
RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

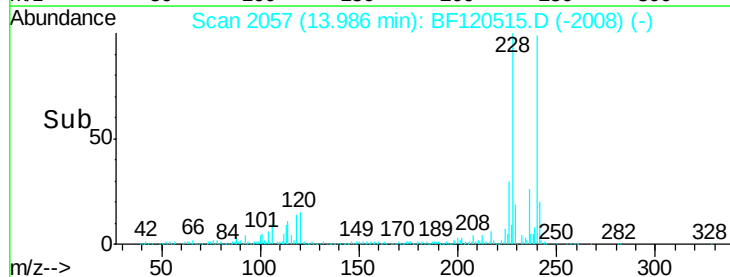
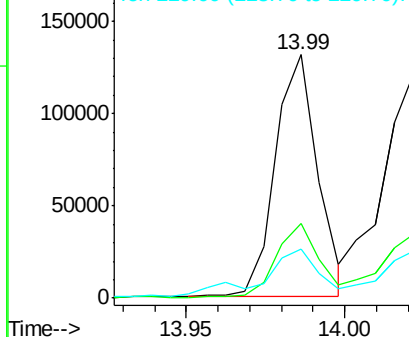
Lab File: BF120515.D

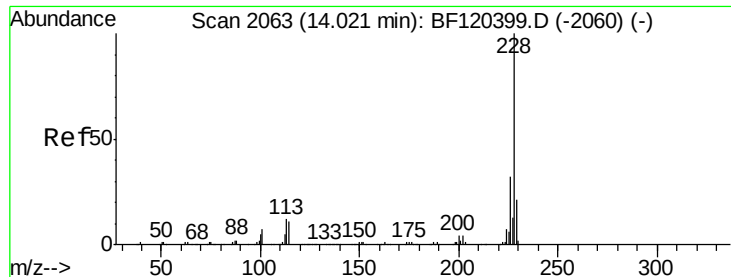
Acq: 3 Jun 2020 17:52

Tgt Ion:	228	Resp:	122423
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.7	34.1
229	20.1	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





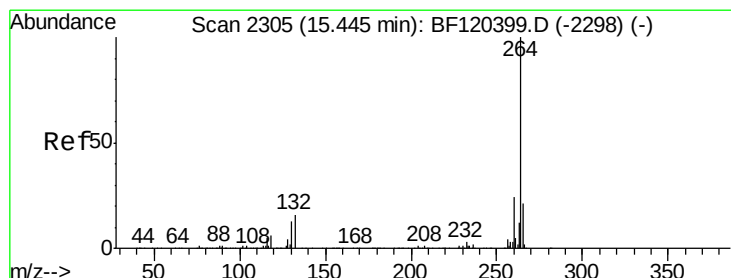
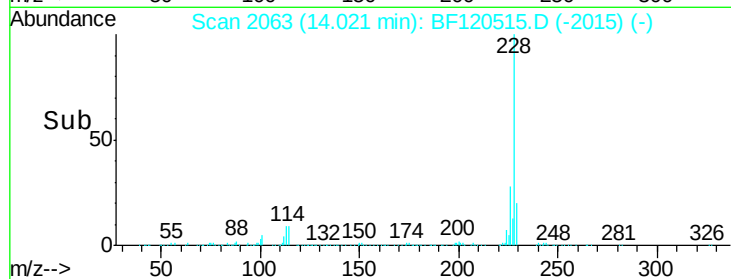
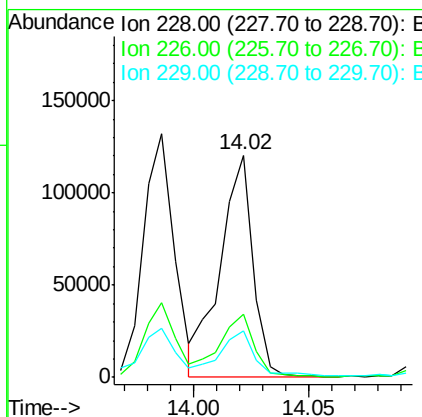
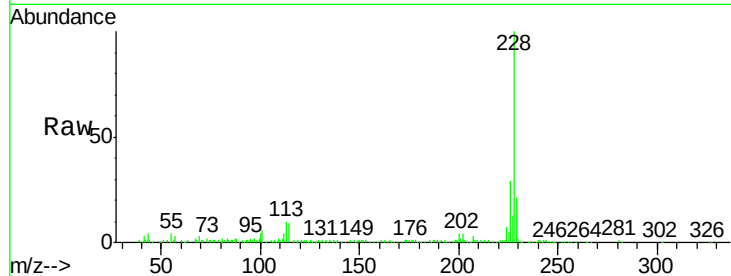
#83
Chrysene
Concen: 5.148 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120515.D
Acq: 3 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-2020-0-6

Tot Ion:	228	Resp:	117316
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.2	37.8
229	21.1	16.1	24.1

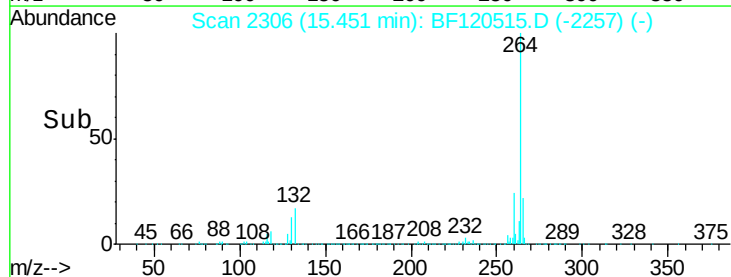
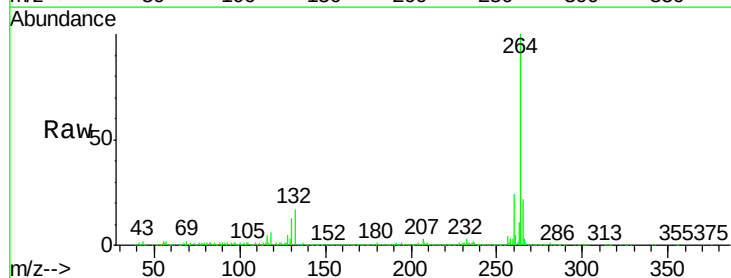
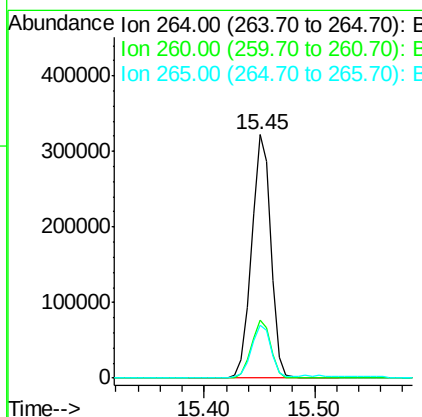
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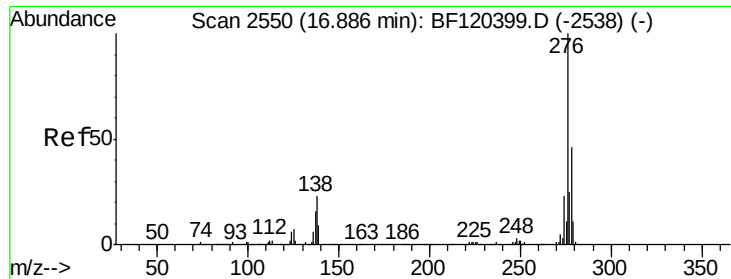
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120515.D
Acq: 3 Jun 2020 17:52

Tgt Ion:	264	Resp:	393646
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.8	29.8
265	21.9	17.5	26.3





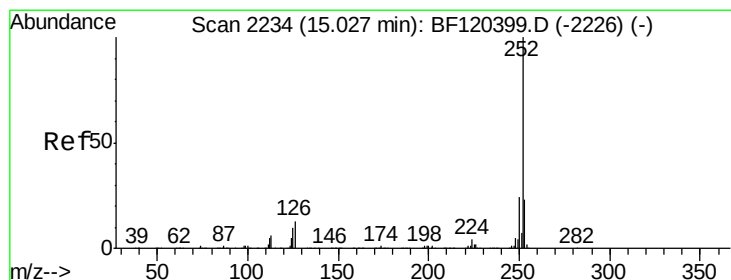
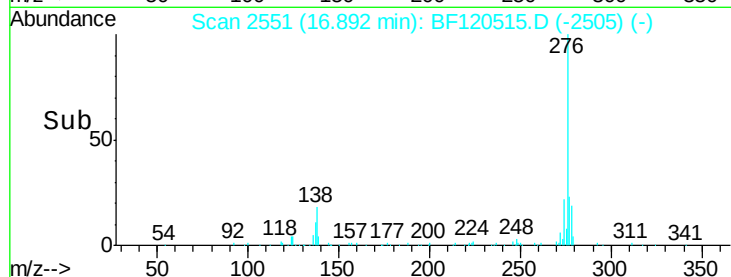
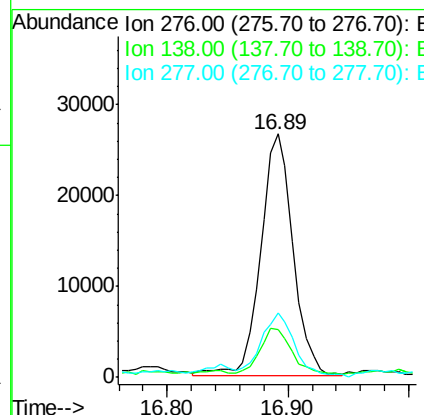
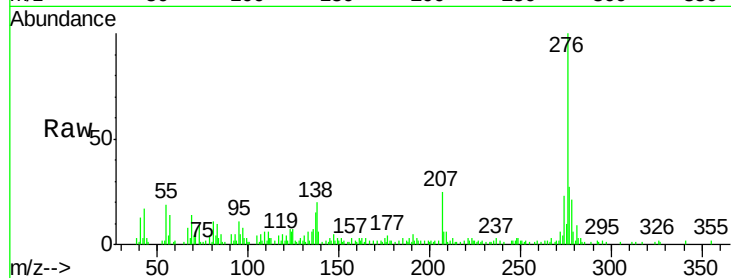
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.321 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	19.2	28.8#
277	28.1	20.4	30.6

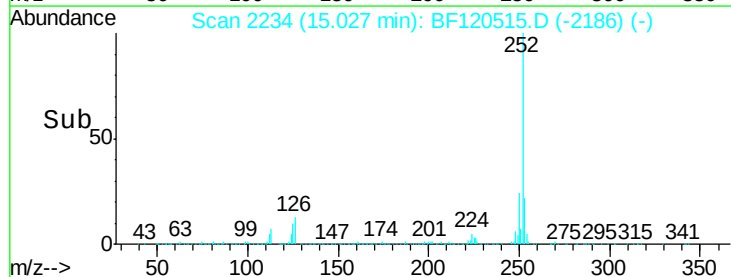
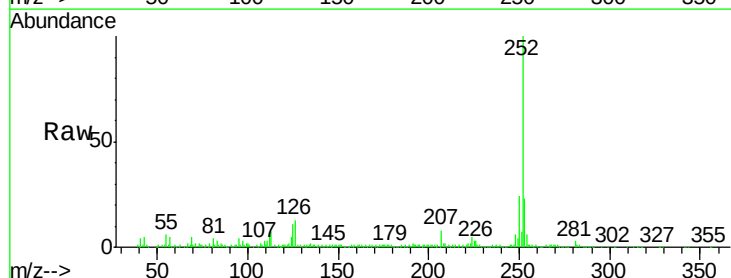
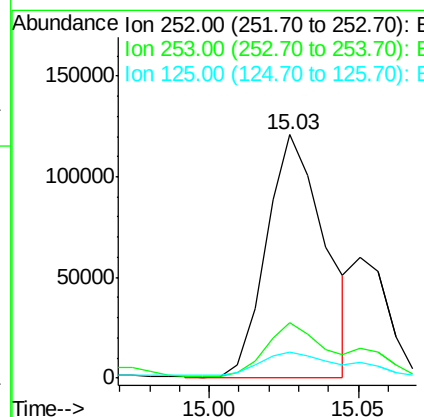
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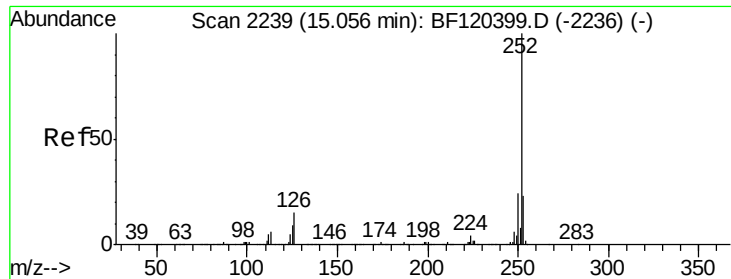
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#88
 Benzo(b)fluoranthene
 Concen: 7.559 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.5	7.6	11.4





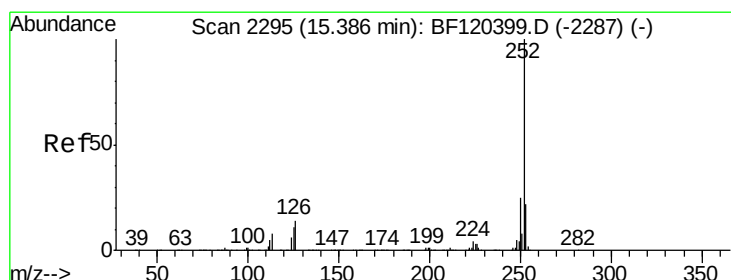
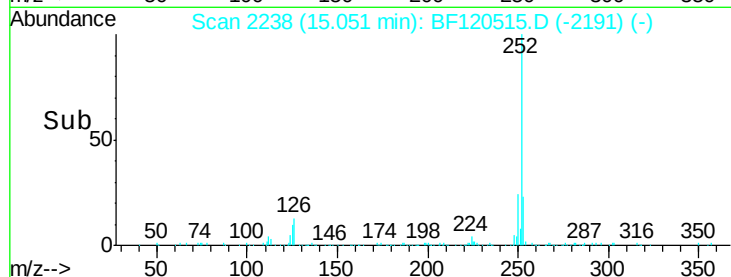
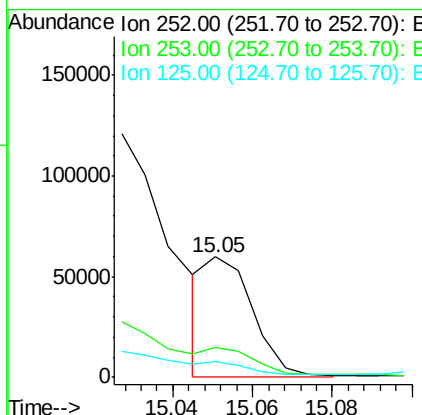
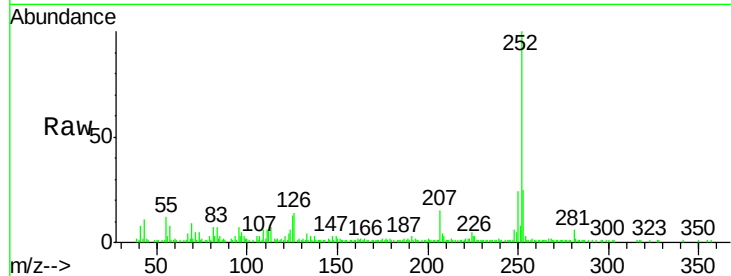
#89
Benzo(k)fluoranthene
Concen: 2.429 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF120515.D
Acq: 3 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	12.6	7.5	11.3

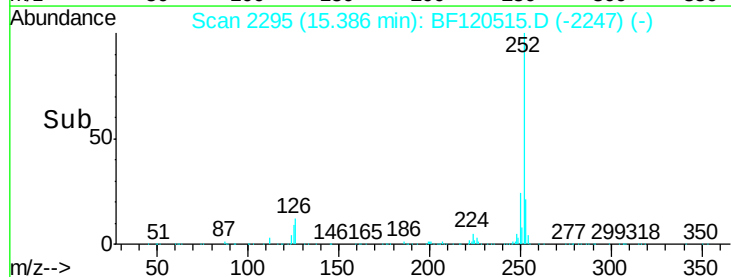
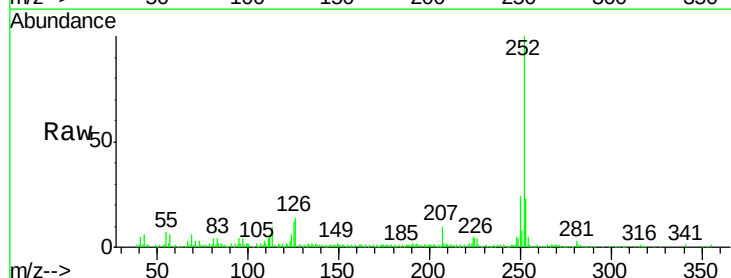
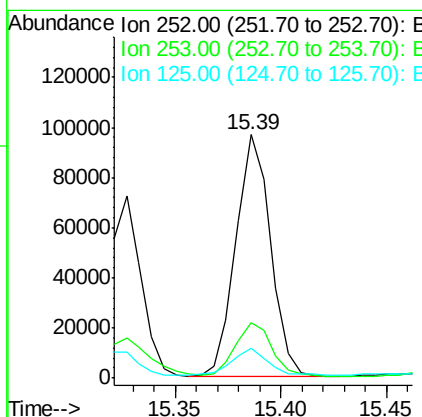
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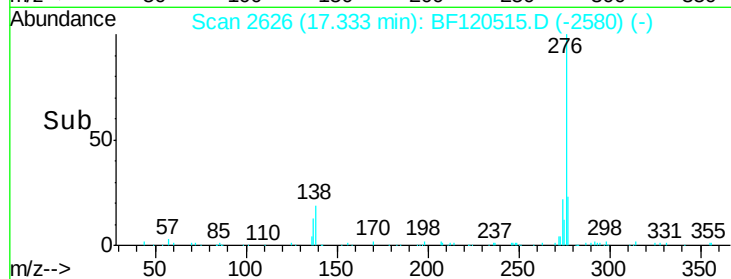
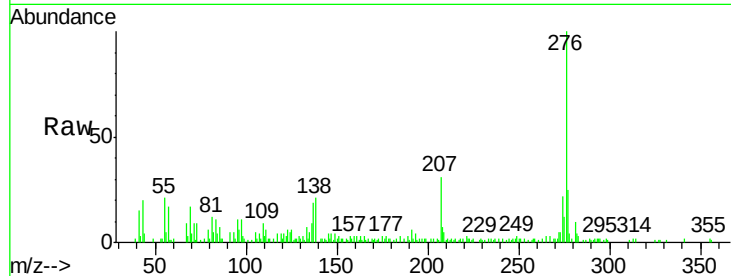
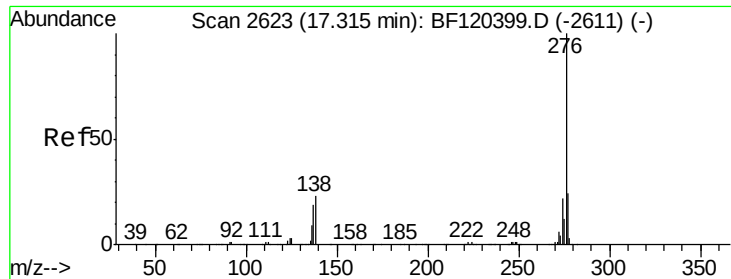
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#90
Benzo(a)pyrene
Concen: 5.764 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120515.D
Acq: 3 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.1	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.194 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. -0.03 min
 Lab File: BF120515.D
 Acq: 3 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.2
138	21.1	16.6	25.0

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