

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120532.D
 Acq On : 4 Jun 2020 14:39
 Operator : JU/CG
 Sample : L2839-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM111-COMP-2020-0-6

Manual Integrations
 APPROVED

mohammad
 6/5/2020 11:57:16 AM

Quant Time: Jun 04 16:46:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175810	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	519794	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	329732	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	555109	20.00	ng	0.00
76) Chrysene-d12	13.99	240	408879	20.00	ng	-0.01
86) Perylene-d12	15.45	264	423353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	873193	94.65	ng	0.00
7) Phenol-d6	6.46	99	1083066	95.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	587669	73.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	310301	101.57	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1291710	66.47	ng	0.00
79) Terphenyl-d14	12.95	244	1162153	63.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	203762	9.885	ng	99
71) Phenanthrene	11.37	178	82272	3.364	ng	98
75) Fluoranthene	12.56	202	213025	8.094	ng	99
78) Pyrene	12.79	202	217512	7.649	ng	98
81) Benzo(a)anthracene	13.98	228	102336	4.670	ng	96
83) Chrysene	14.02	228	98956	4.307	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	70355	3.038	ng	95
88) Benzo(b)fluoranthene	15.03	252	152684m	6.493	ng	
90) Benzo(a)pyrene	15.39	252	96239	4.679	ng	99
92) Benzo(g,h,i)perylene	17.32	276	69996	3.759	ng	98

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

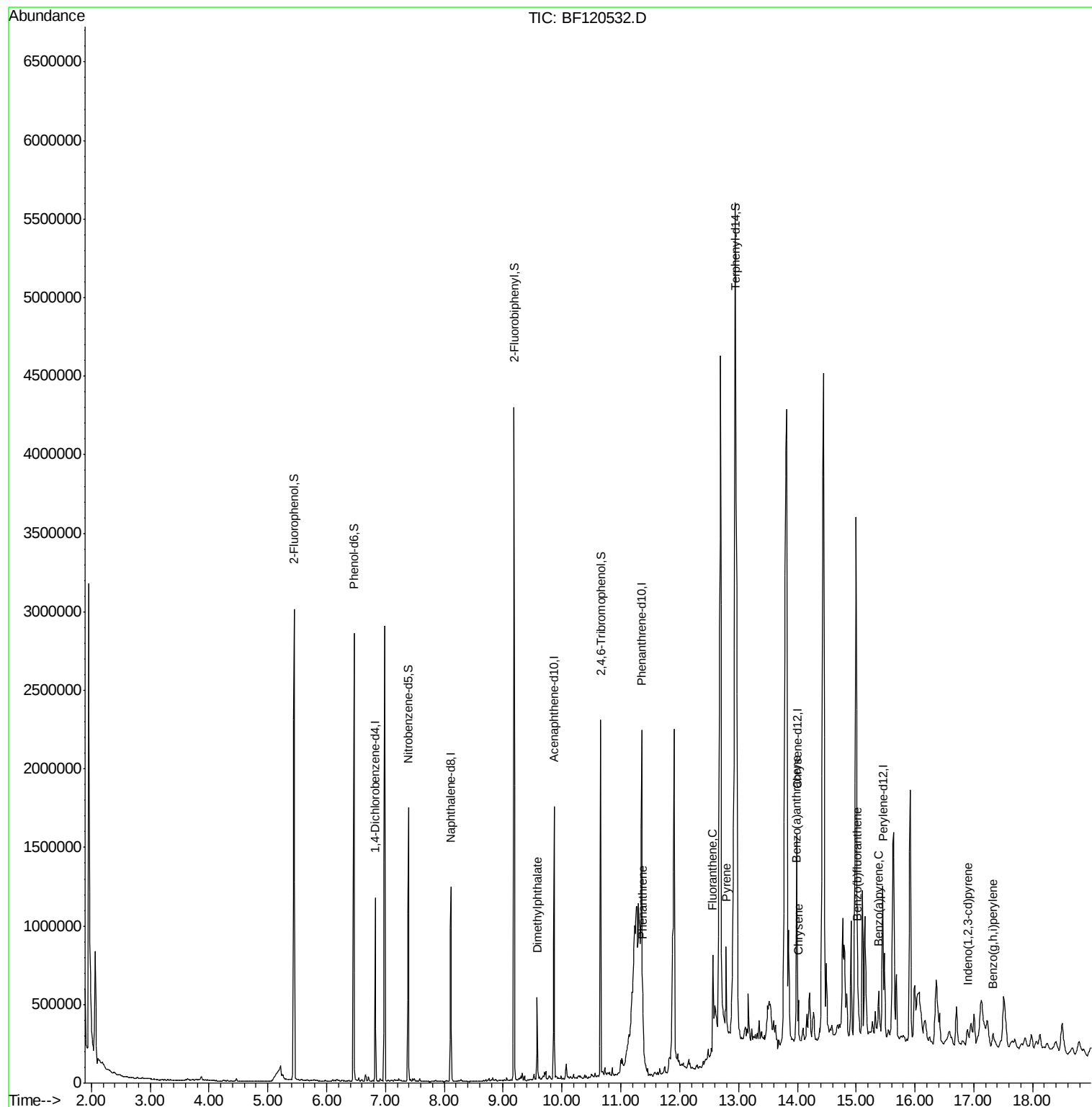
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120532.D
Acq On : 4 Jun 2020 14:39
Operator : JU/CG
Sample : L2839-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

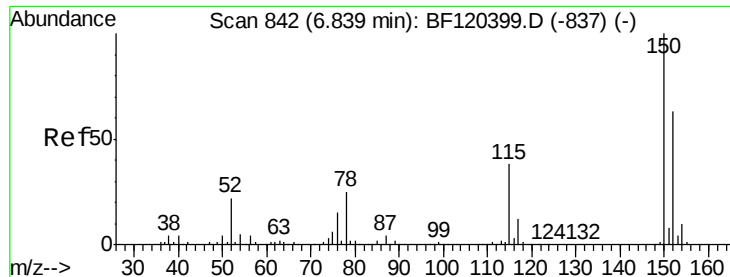
Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

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Quant Time: Jun 04 16:46:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 16:38:34 2020
Response via : Initial Calibration





#1

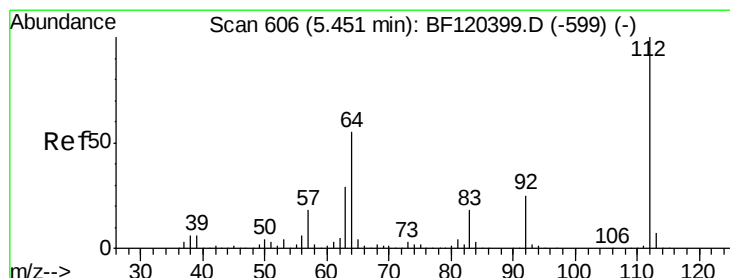
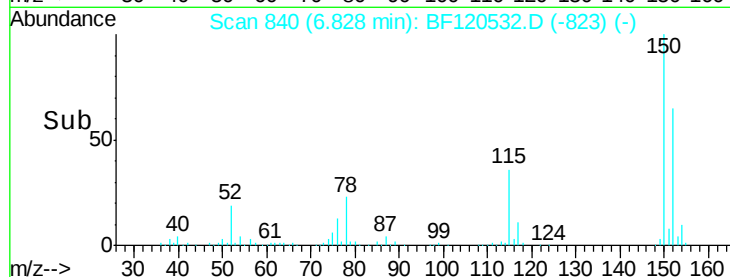
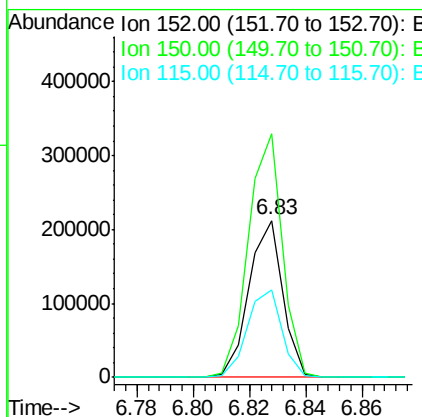
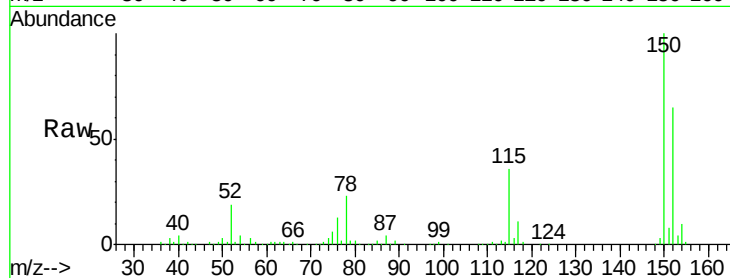
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.3	189.5
115	55.6	48.1	72.1

Manual Integrations
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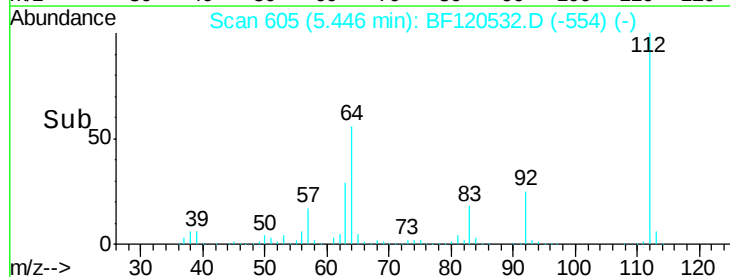
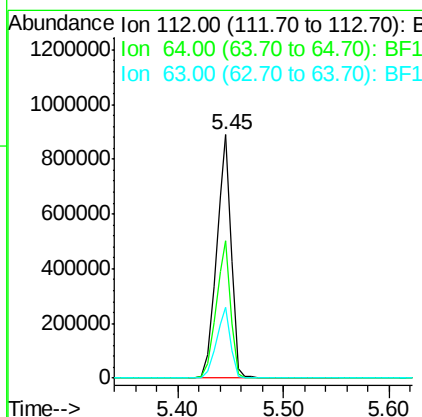
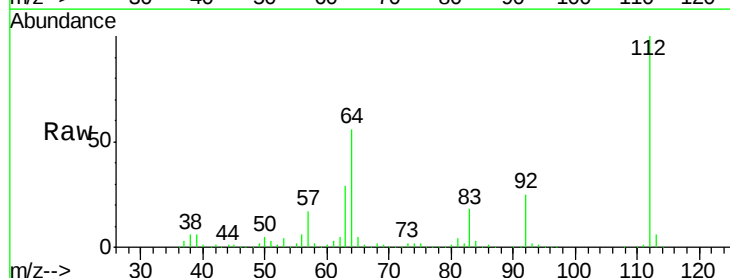
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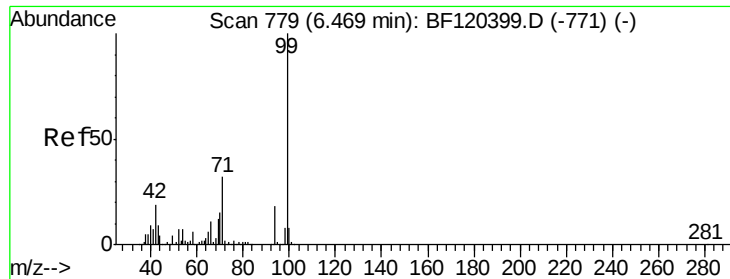


#5

2-Fluorophenol
Concen: 94.652 ng
RT: 5.45 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.2	70.8
63	29.0	24.7	37.1





#7

Phenol-d6

Concen: 95.250 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120532.D

Acq: 4 Jun 2020 14:39

Instrument :

BNA_F

ClientSampleId :

NM111-COMP-2020-0-6

Tot Ion: 99 Resp: 1083066

Ion Ratio Lower Upper

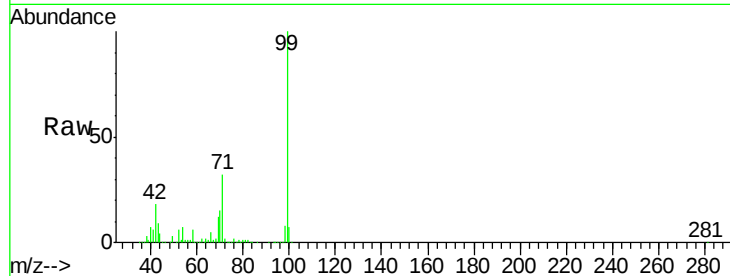
99 100

42 17.8 15.0 22.6

71 32.1 27.0 40.4

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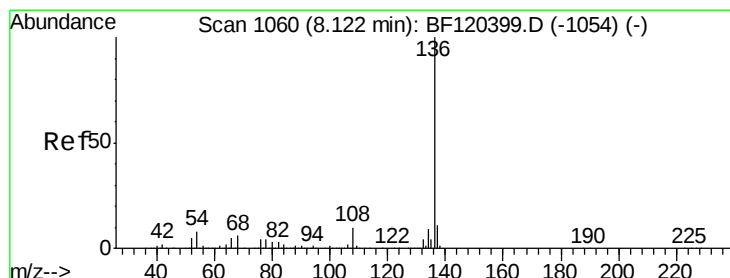
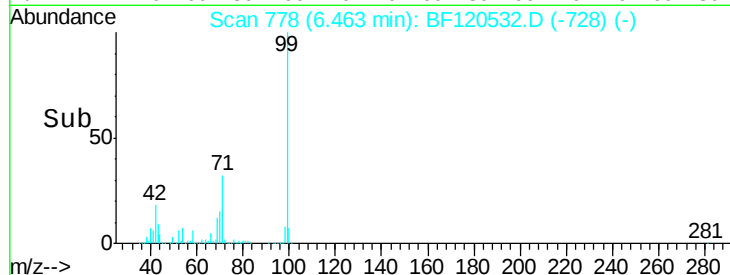
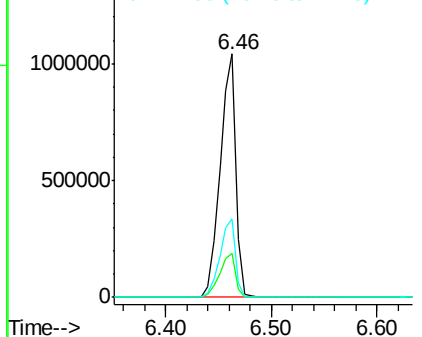
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120532.D

Acq: 4 Jun 2020 14:39

Tgt Ion: 136 Resp: 519794

Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.6 5.4 8.0

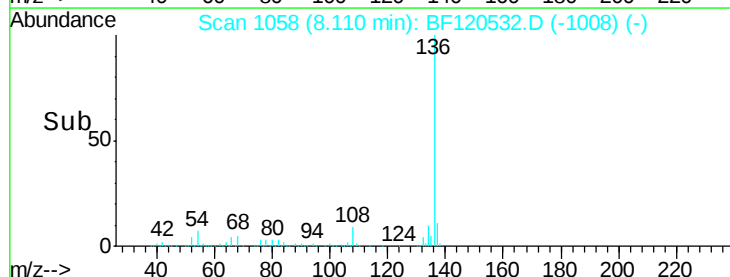
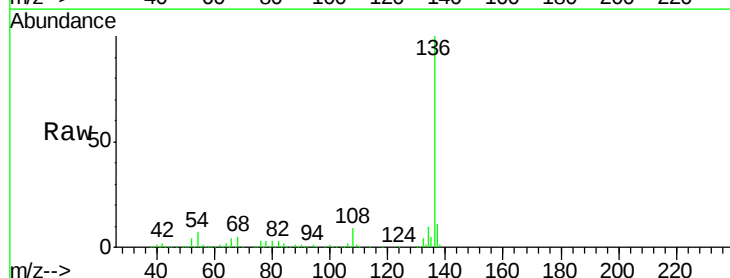
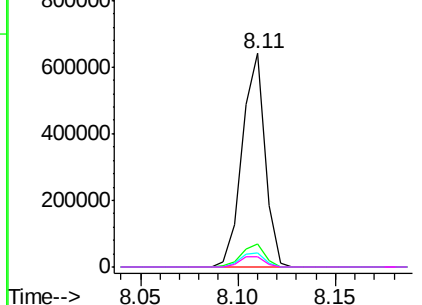
68 4.7 4.3 6.5

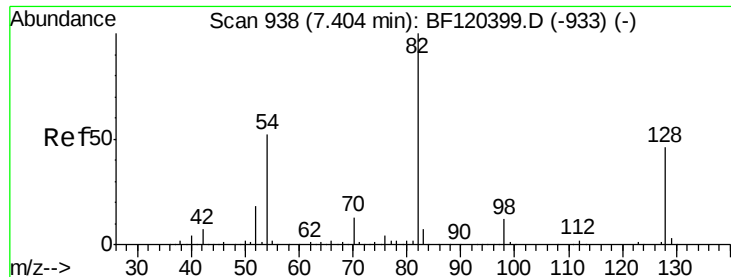
Abundance Ion 136.00 (135.70 to 136.70): E

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





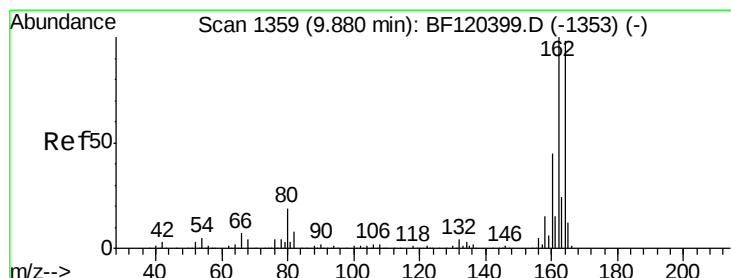
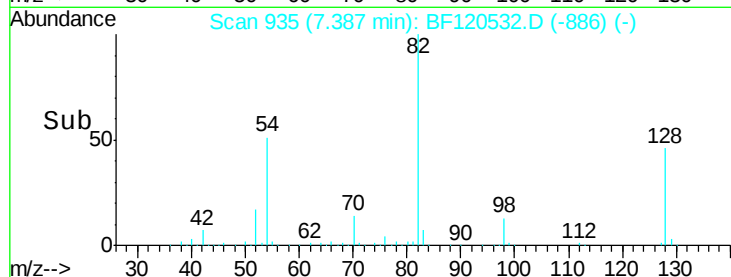
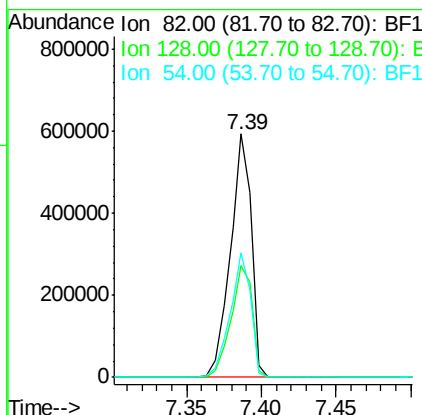
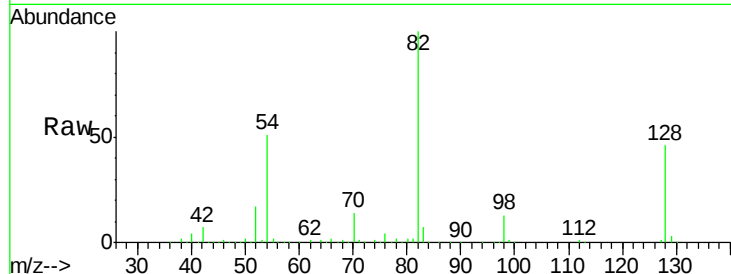
#23
Nitrobenzene-d5
Concen: 73.955 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	587669		
128	46.1	36.7	55.1	
54	51.1	40.0	60.0	

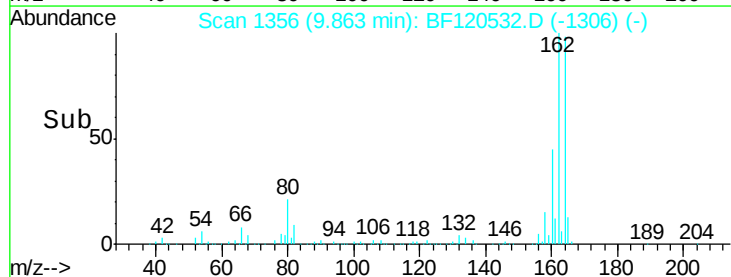
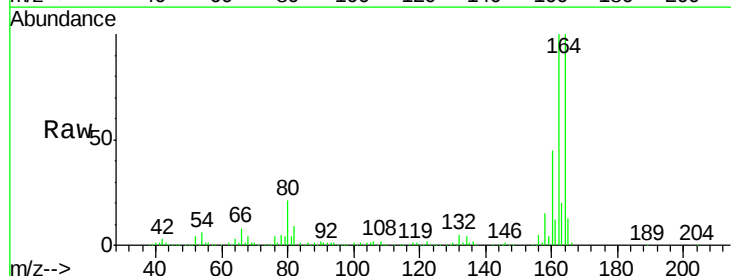
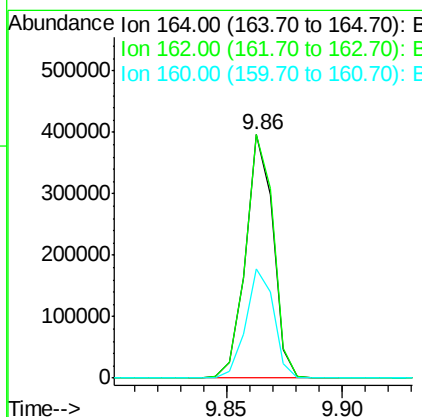
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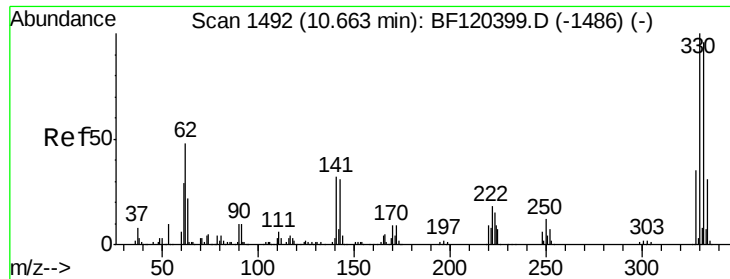
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	329732		
162	100.2	81.2	121.8	
160	44.8	37.0	55.4	





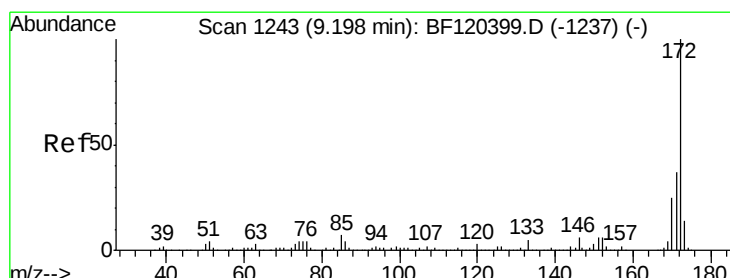
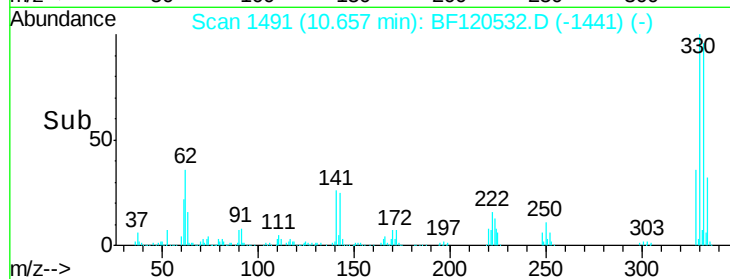
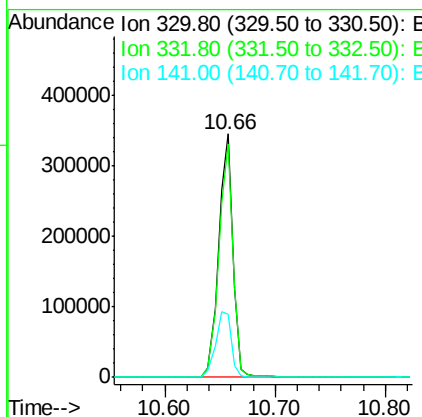
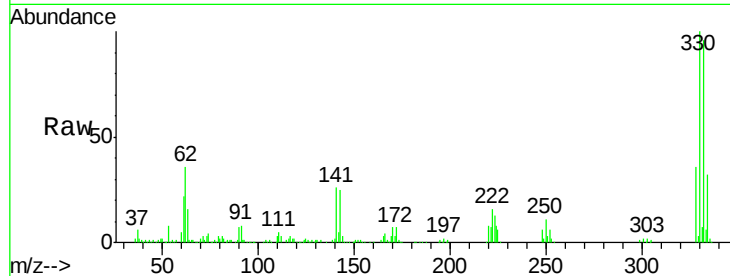
#42
 2,4,6-Tribromophenol
 Concen: 101.568 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120532.D
 Acq: 4 Jun 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 NM111-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.4	
141	30.2	23.8	35.8	

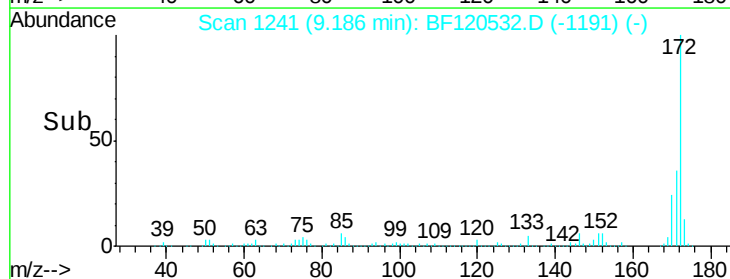
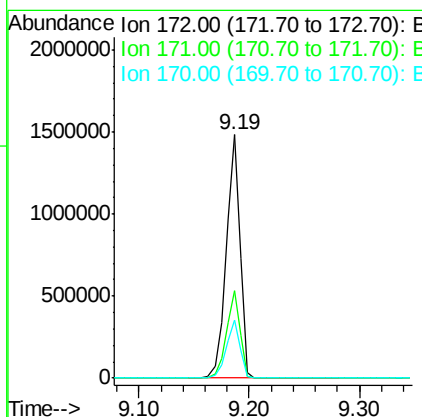
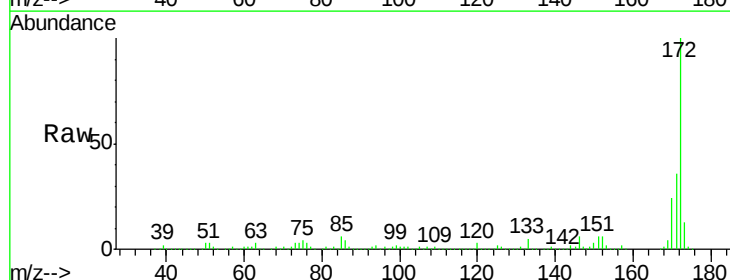
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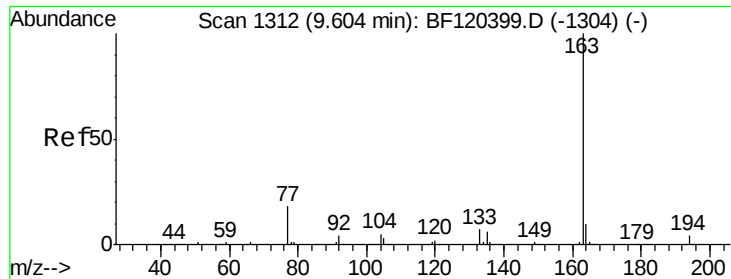
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#45
 2-Fluorobiphenyl
 Concen: 66.467 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120532.D
 Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.5	44.3	
170	23.9	19.8	29.6	





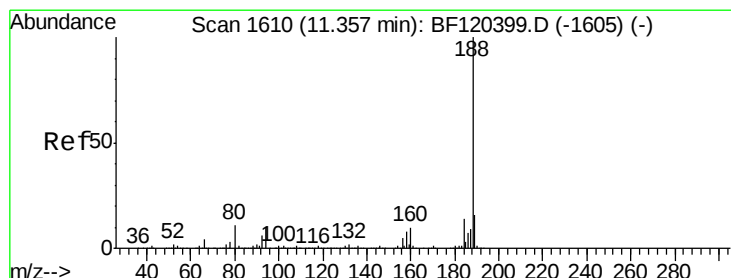
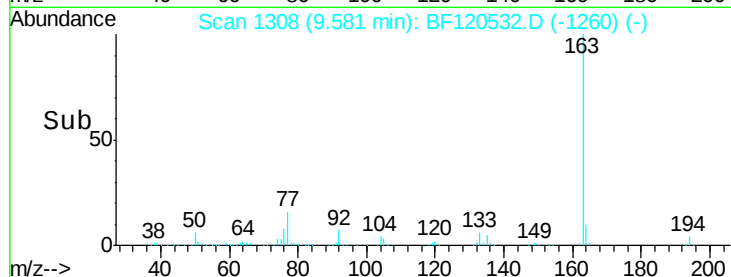
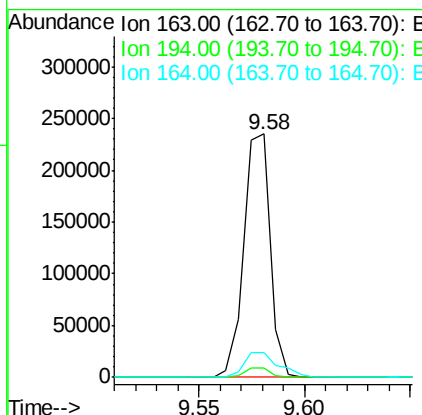
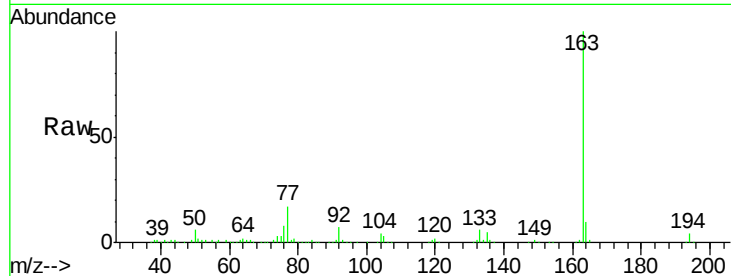
#50
Dimethylphthalate
Concen: 9.885 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	203762		
194	3.7		3.1	4.7
164	10.3		8.0	12.0

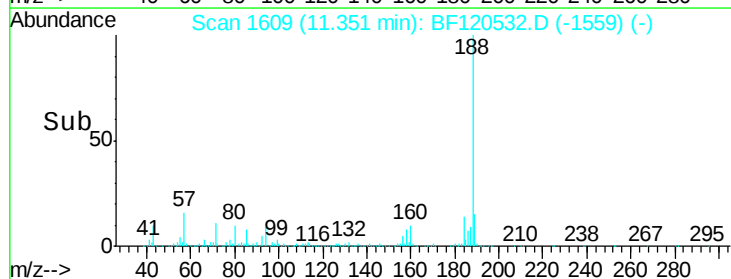
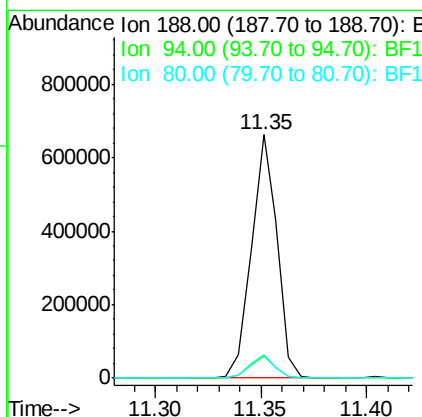
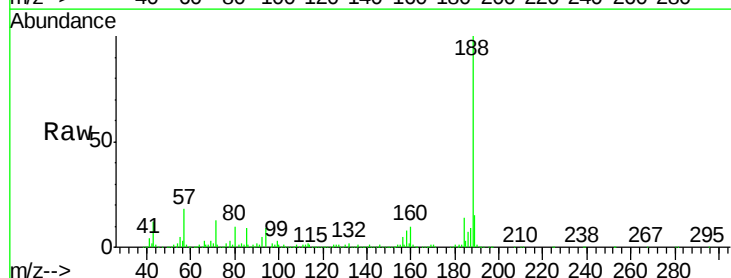
Manual Integrations
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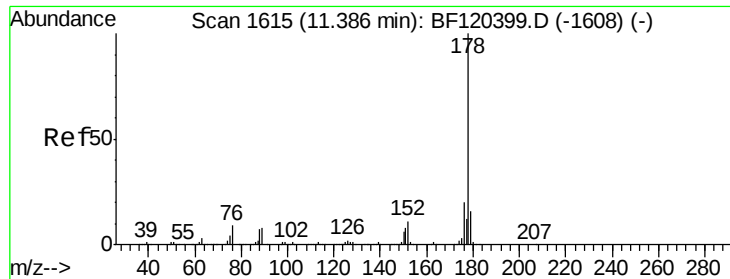
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	555109		
94	9.2		7.4	11.2
80	9.8		7.6	11.4





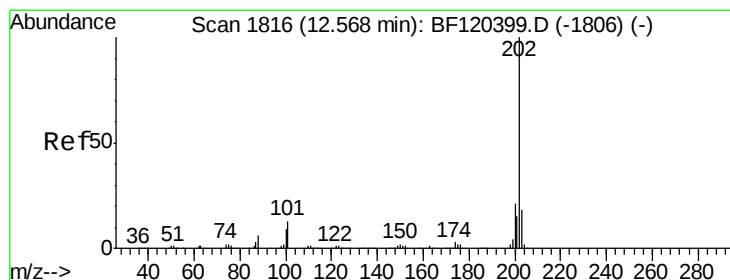
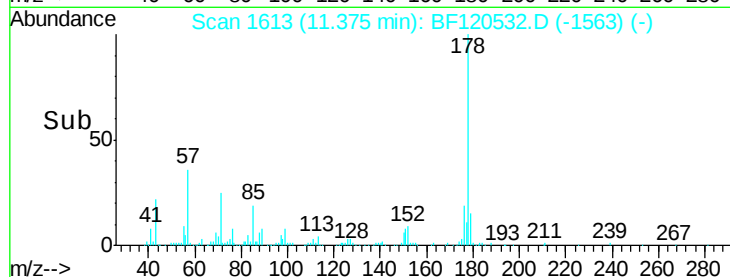
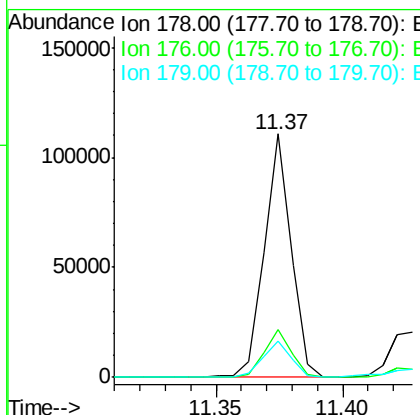
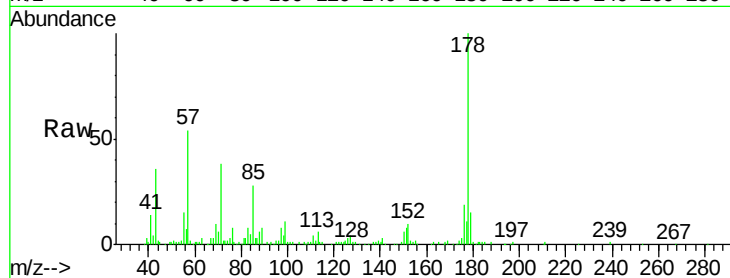
#71
Phenanthrene
Concen: 3.364 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.4	16.2	24.2	
179	15.0	12.8	19.2	

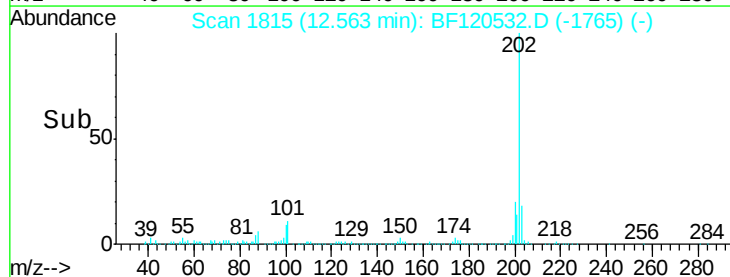
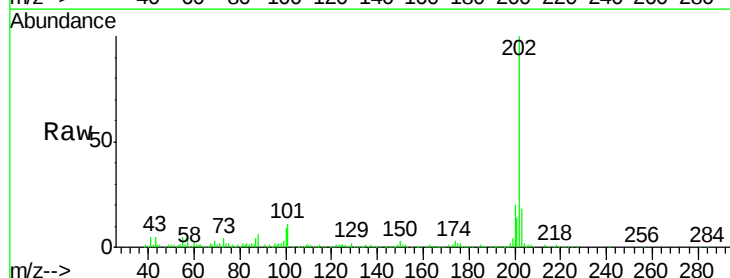
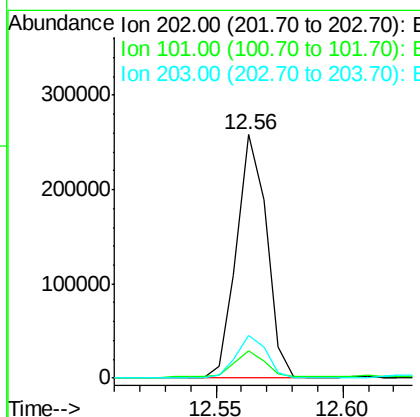
Manual Integrations
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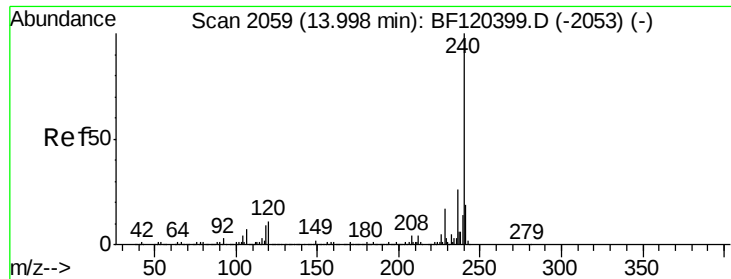
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#75
Fluoranthene
Concen: 8.094 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.3	0.0	31.3	
203	17.6	0.0	38.4	





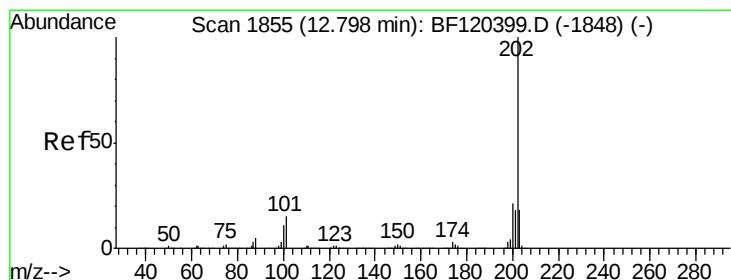
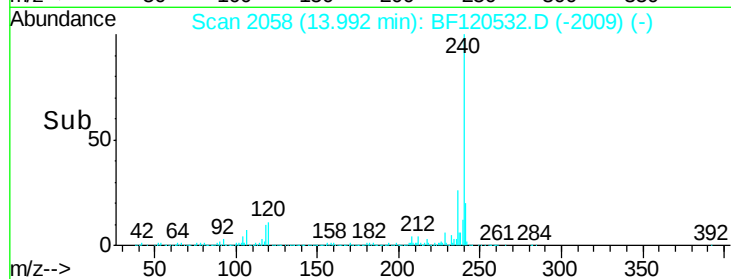
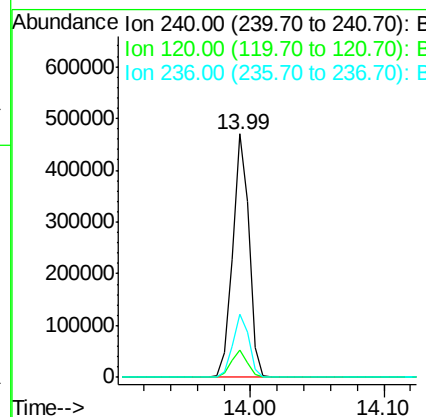
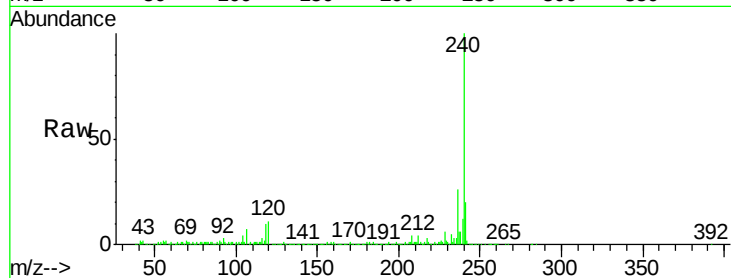
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.7	11.5
236	26.0	20.8	31.2

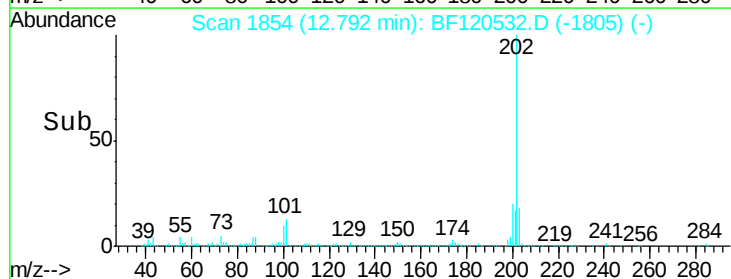
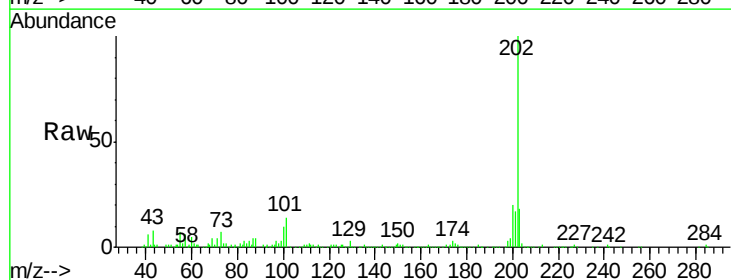
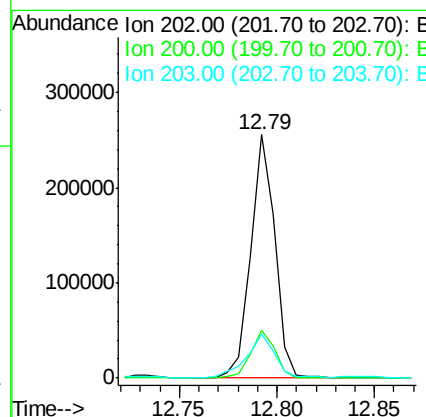
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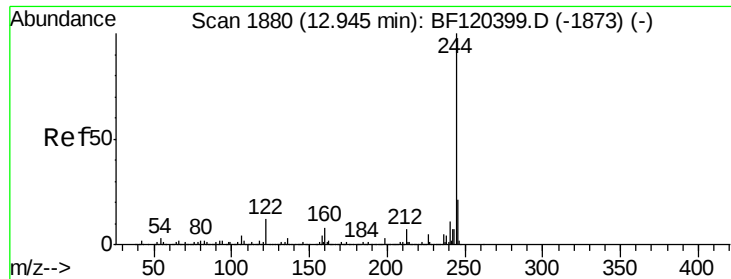
mohammad
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#78
Pyrene
Concen: 7.649 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.6
203	18.1	14.2	21.2





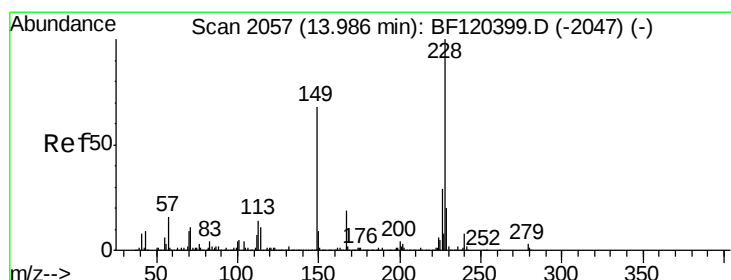
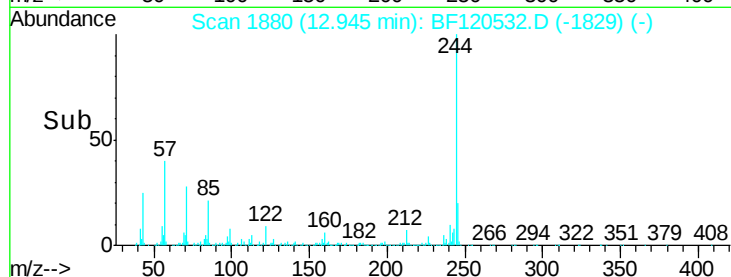
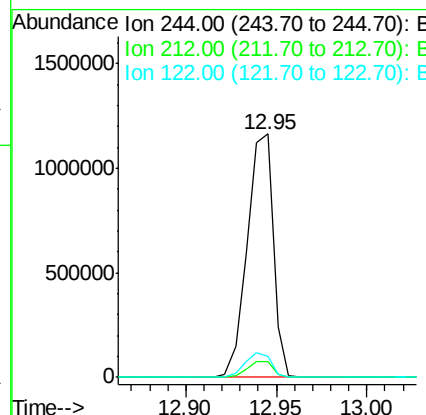
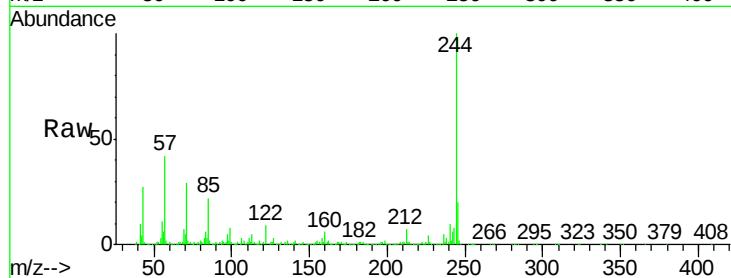
#79
 Terphenyl-d14
 Concen: 63.248 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120532.D
 Acq: 4 Jun 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 NM111-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	8.7	8.0	12.0

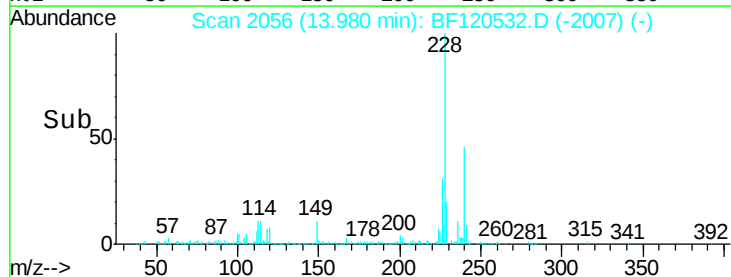
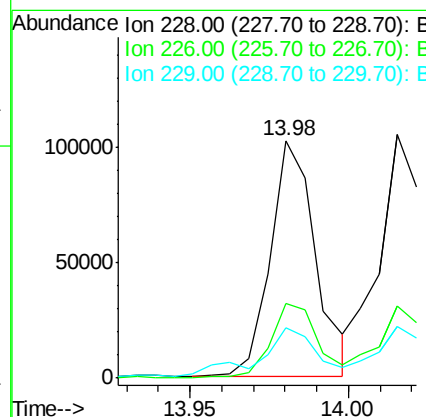
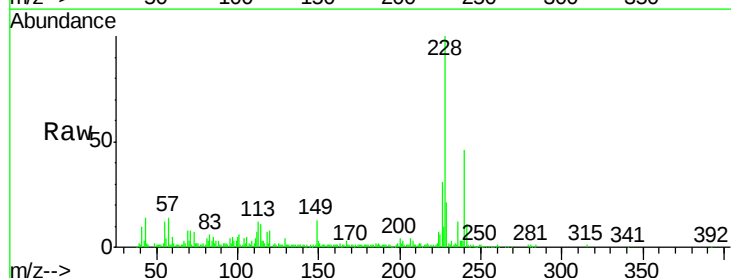
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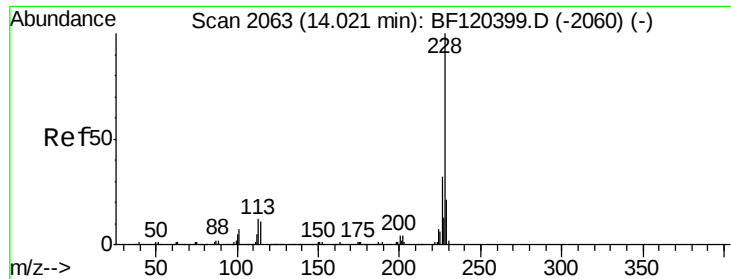
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.670 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF120532.D
 Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.4	33.6
229	21.0	16.2	24.2





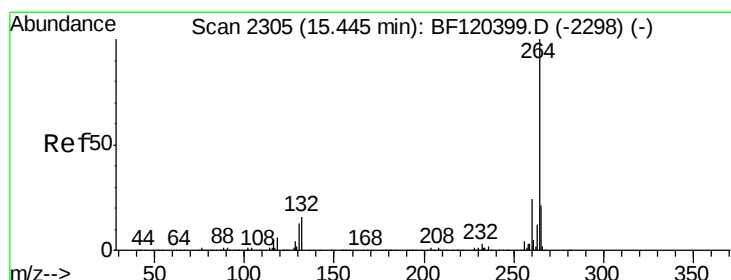
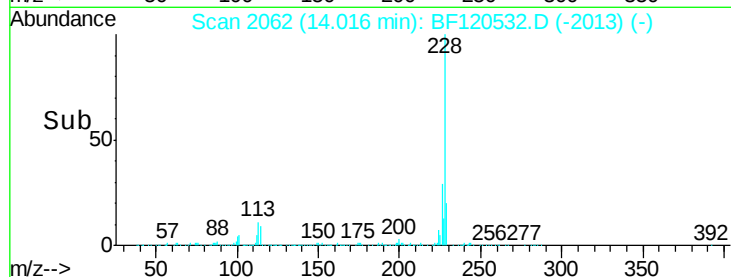
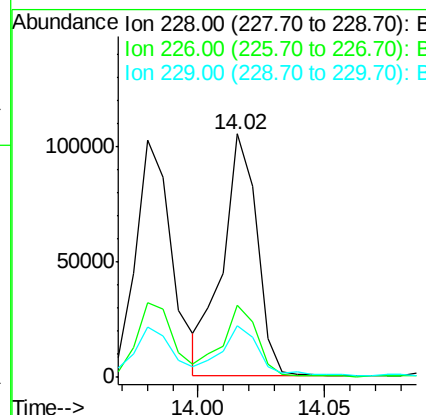
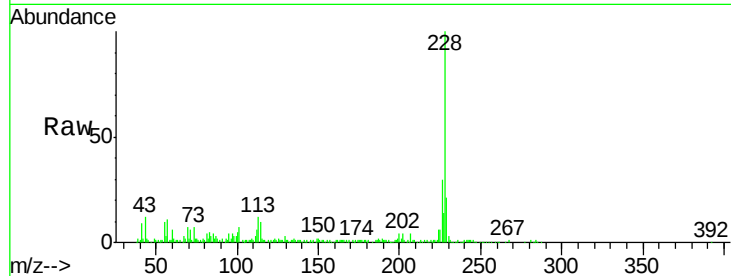
#83
Chrysene
Concen: 4.307 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion:	228	Resp:	98956
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.6	38.4
229	21.0	16.2	24.2

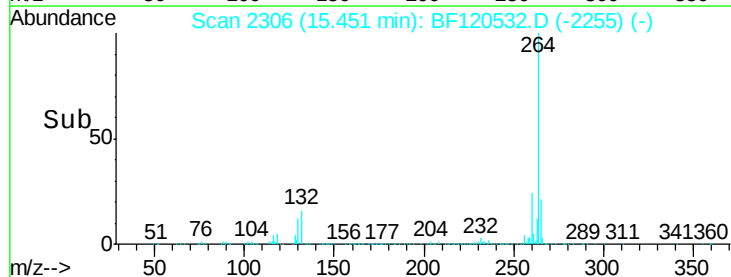
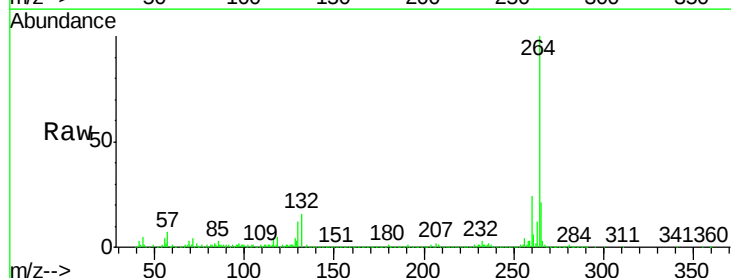
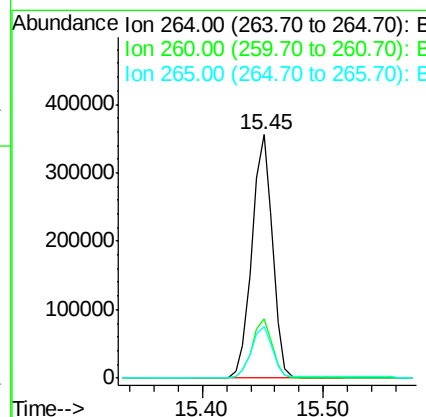
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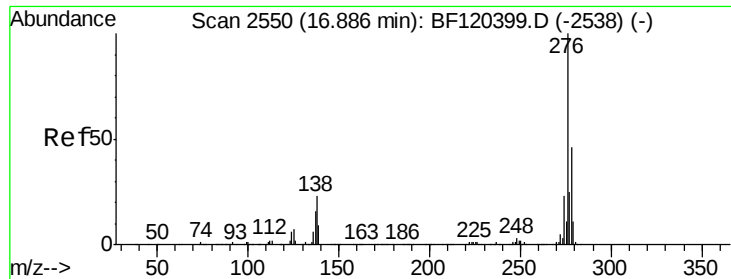
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion:	264	Resp:	423353
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.1	17.5	26.3





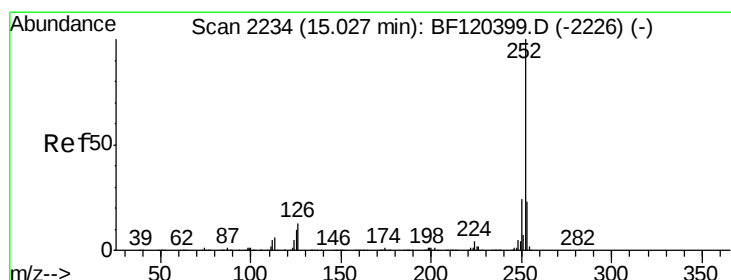
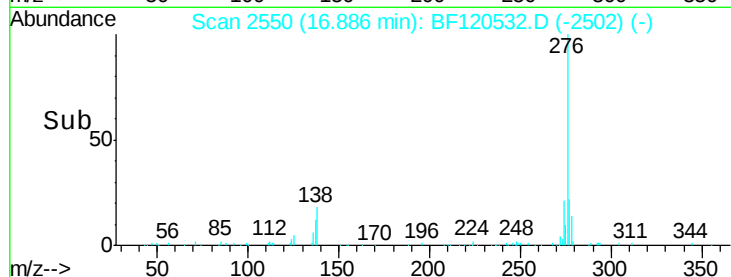
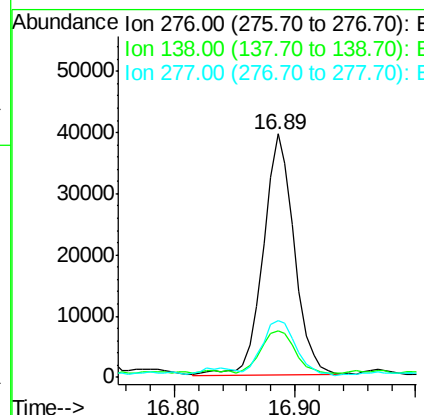
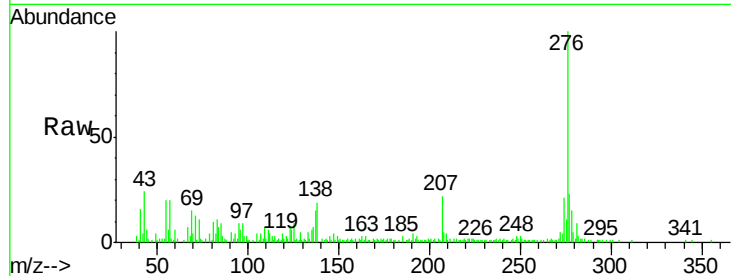
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.038 ng
 RT: 16.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BF120532.D
 Acq: 4 Jun 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 NM111-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.2	28.8
277	24.3	20.3	30.5

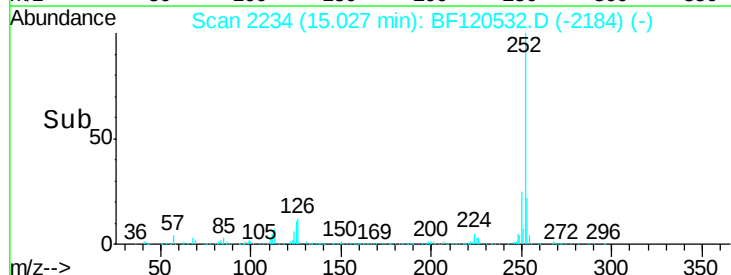
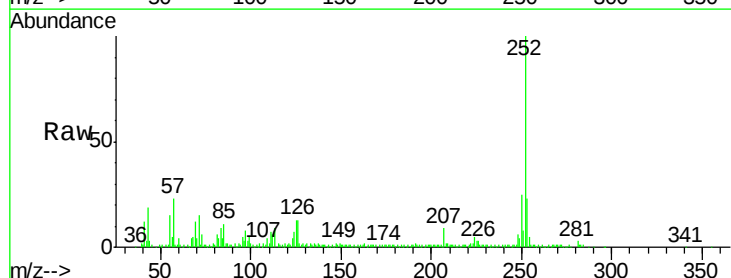
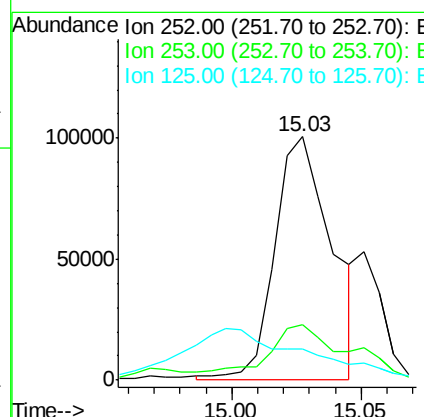
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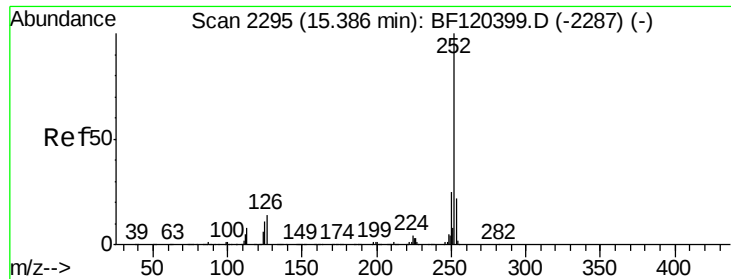
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#88
 Benzo(b)fluoranthene
 Concen: 6.493 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF120532.D
 Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.0	8.3	12.5





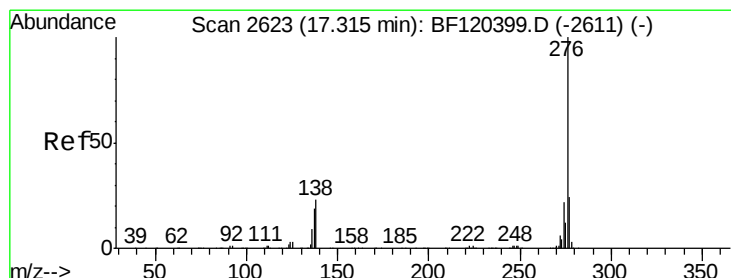
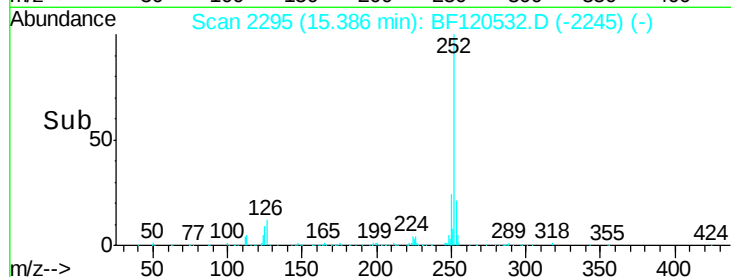
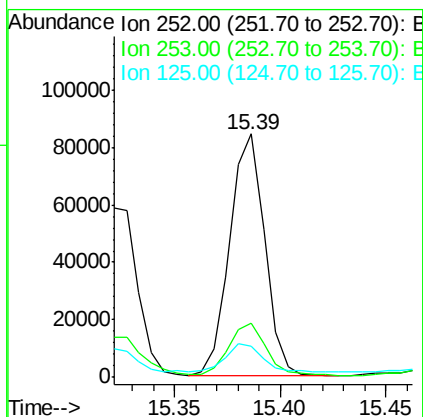
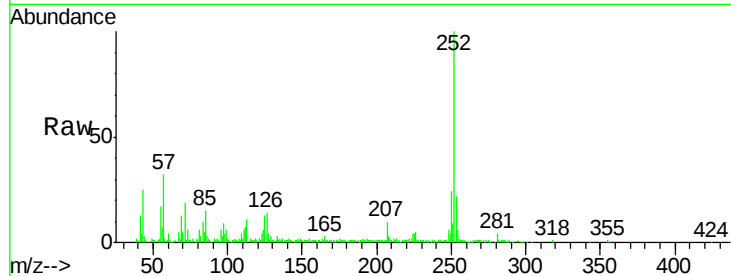
#90
Benzo(a)pyrene
Concen: 4.679 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Instrument :
BNA_F
ClientSampleId :
NM111-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.7	9.6	14.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.759 ng
RT: 17.32 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF120532.D
Acq: 4 Jun 2020 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	20.7	16.9	25.3

