

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120489.D
 Acq On : 2 Jun 2020 12:40
 Operator : JU/CG
 Sample : L2798-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM99-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 13:46:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	242360	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	871022	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	414927	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	667851	20.00	ng	0.00
76) Chrysene-d12	14.01	240	440047	20.00	ng	0.00
86) Perylene-d12	15.47	264	478747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1112776	87.50	ng	0.01
7) Phenol-d6	6.48	99	1432756	91.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	976412	73.33	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	351673	91.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1694590	69.29	ng	0.00
79) Terphenyl-d14	12.96	244	1404952	71.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	307958	11.872	ng	99
71) Phenanthrene	11.39	178	222703	7.568	ng	99
72) Anthracene	11.44	178	59094	2.001	ng	97
75) Fluoranthene	12.58	202	443434	14.004	ng	98
78) Pyrene	12.81	202	395394	12.920	ng	98
81) Benzo(a)anthracene	14.00	228	211188	8.955	ng	97
83) Chrysene	14.03	228	204679m	8.278	ng	
87) Indeno(1,2,3-cd)pyrene	16.92	276	121967	4.658	ng	96
88) Benzo(b)fluoranthene	15.04	252	304614m	11.456	ng	
89) Benzo(k)fluoranthene	15.07	252	80957m	3.261	ng	
90) Benzo(a)pyrene	15.40	252	203222	8.737	ng	99
92) Benzo(a,h,i)perylene	17.36	276	112640	5.350	ng	99

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

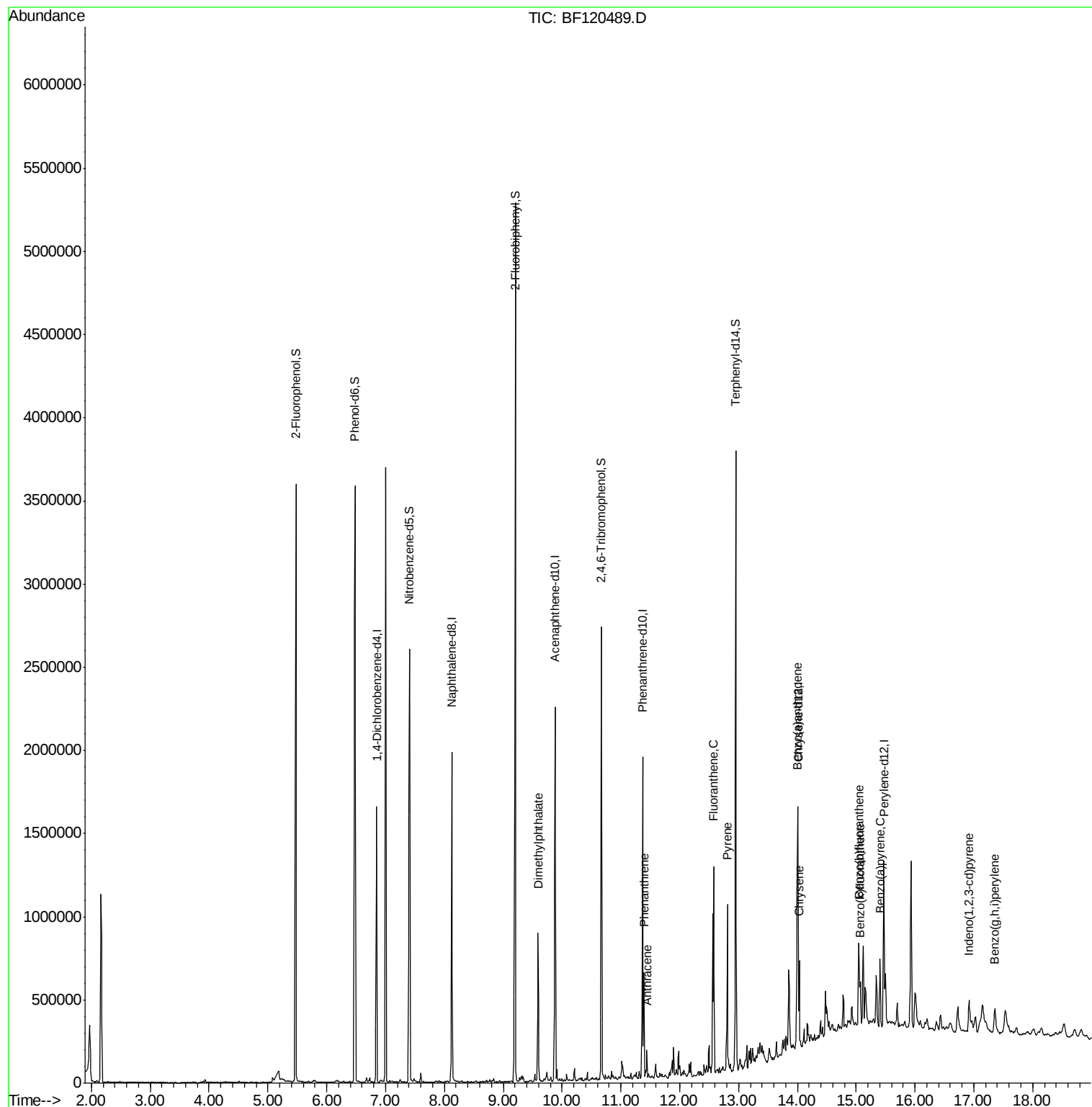
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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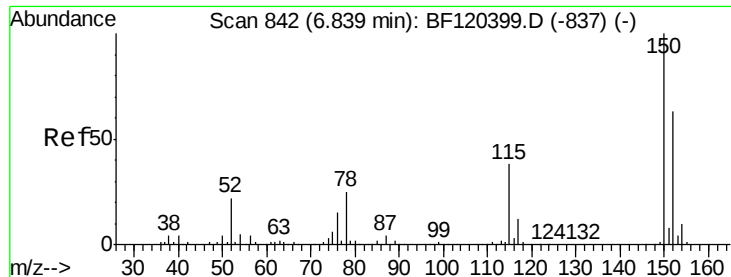
Instrument :
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NM99-COMP-2020-0-6

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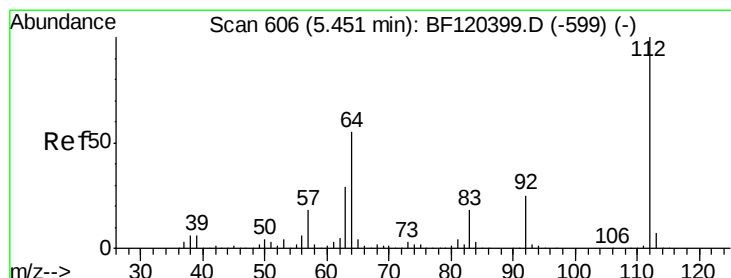
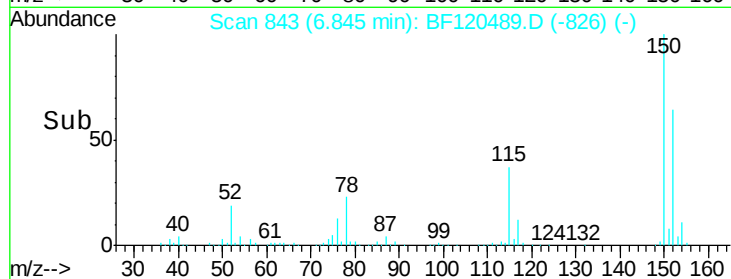
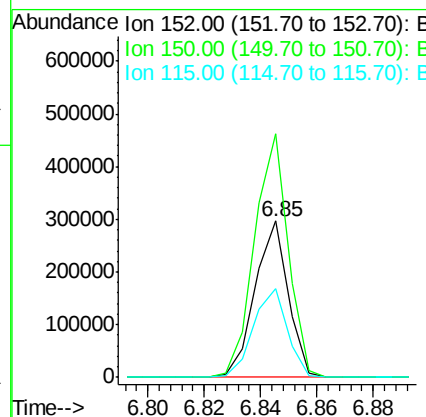
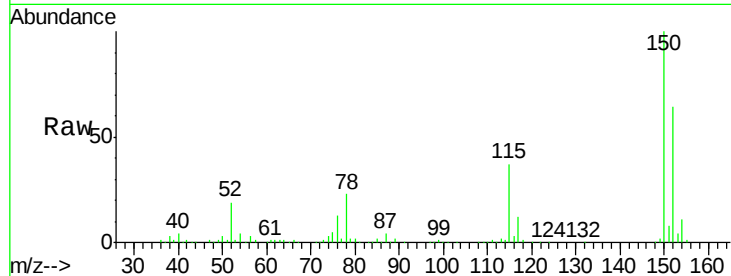
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF120489.D
 Acq: 2 Jun 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 NM99-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.7	190.1
115	57.0	46.2	69.2

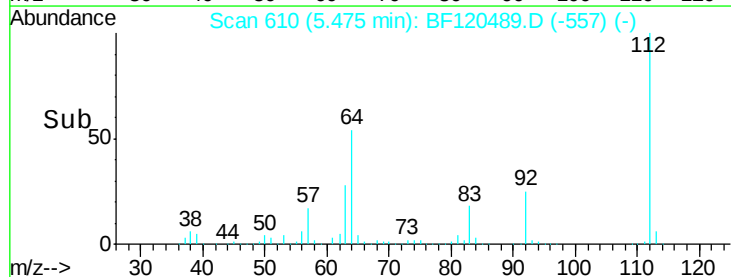
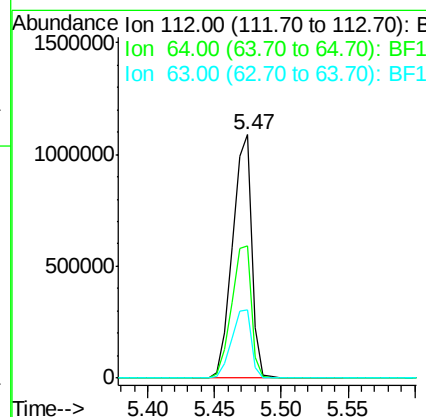
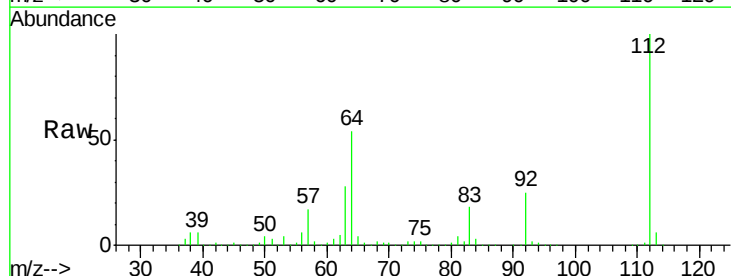
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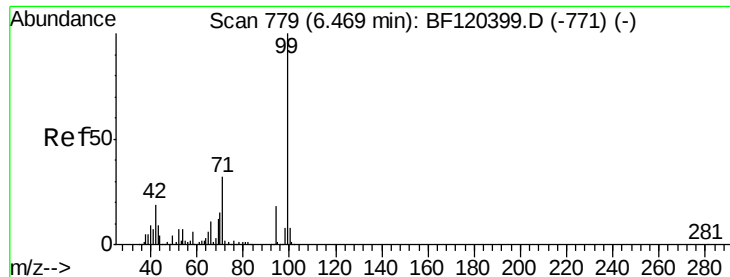
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#5
 2-Fluorophenol
 Concen: 87.501 ng
 RT: 5.47 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF120489.D
 Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.3	69.5
63	28.2	24.2	36.2





#7

Phenol-d6

Concen: 91.404 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120489.D

Acq: 2 Jun 2020 12:40

Instrument :

BNA_F

ClientSampleId :

NM99-COMP-2020-0-6

Tot Ion: 99 Resp: 1432756

Ion Ratio Lower Upper

99 100

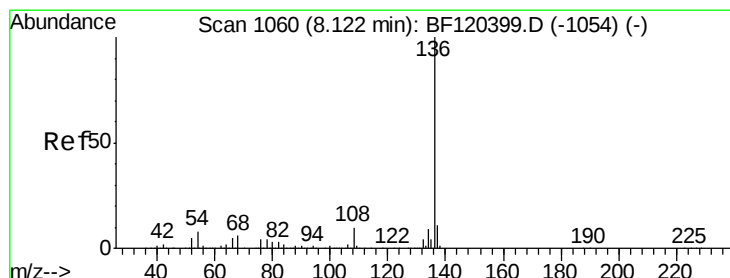
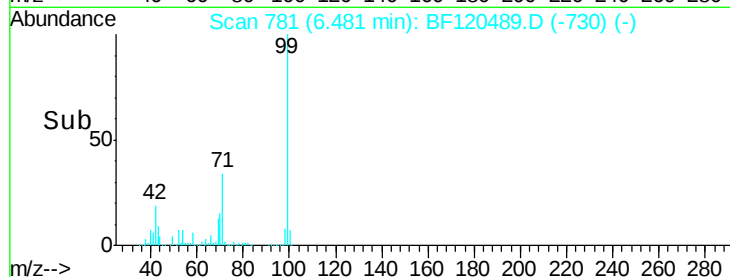
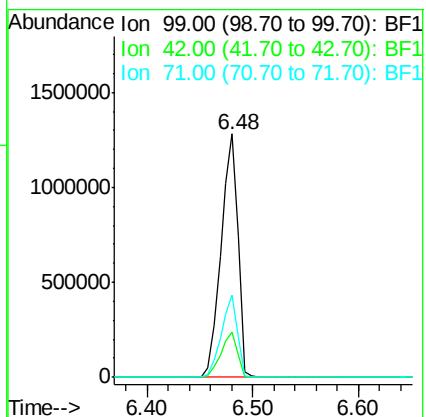
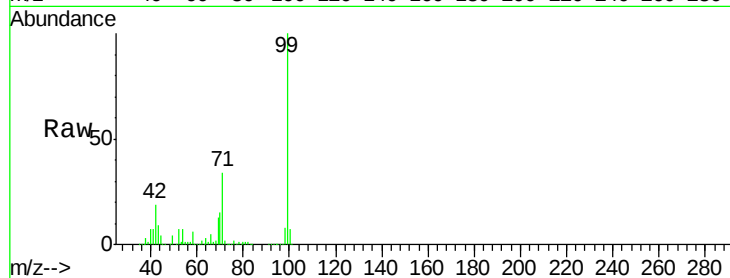
42 18.7 15.1 22.7

71 33.7 26.2 39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120489.D

Acq: 2 Jun 2020 12:40

Tgt Ion: 136 Resp: 871022

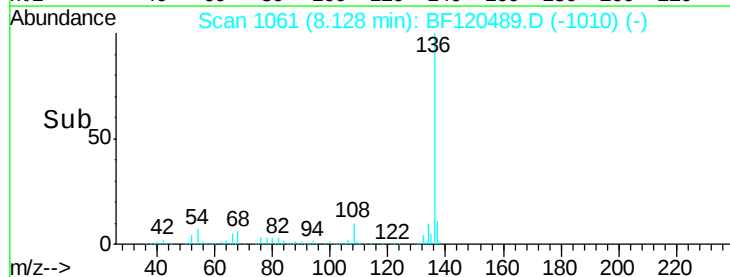
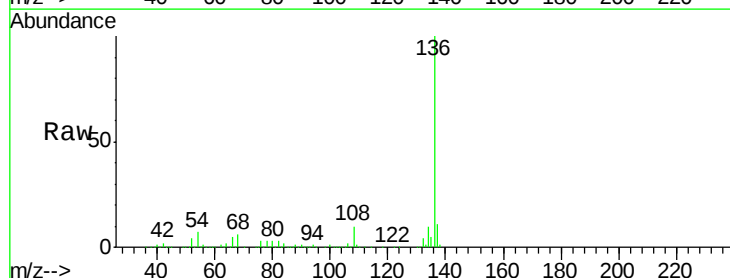
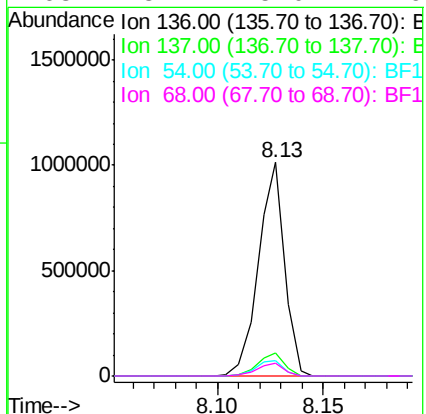
Ion Ratio Lower Upper

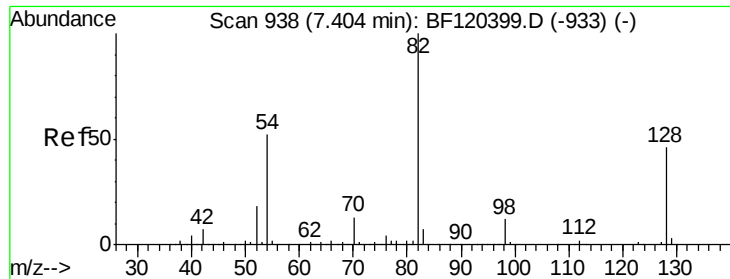
136 100

137 10.9 9.0 13.6

54 7.1 6.2 9.4

68 5.7 5.0 7.6





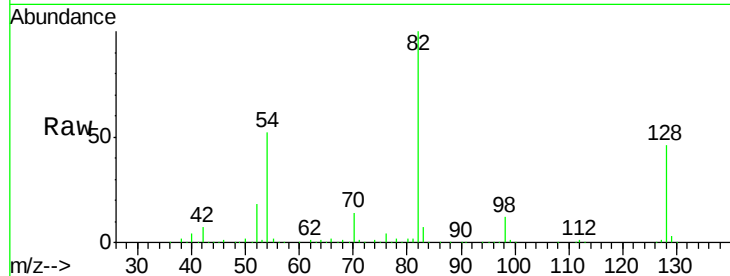
#23
Nitrobenzene-d5
Concen: 73.328 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

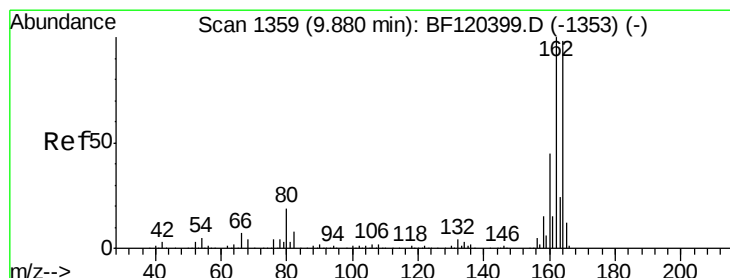
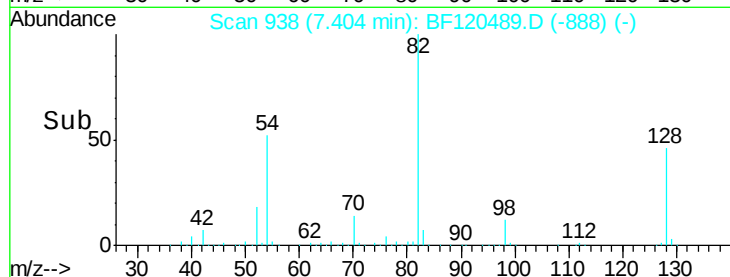
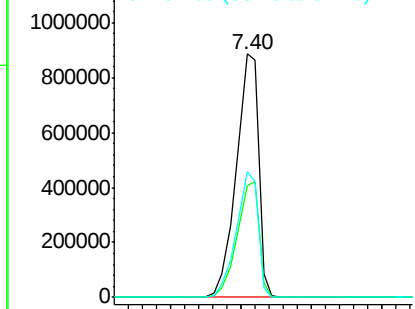
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.6
54	51.8	41.0	61.4

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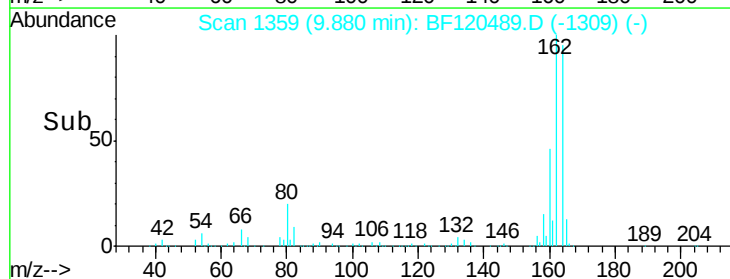
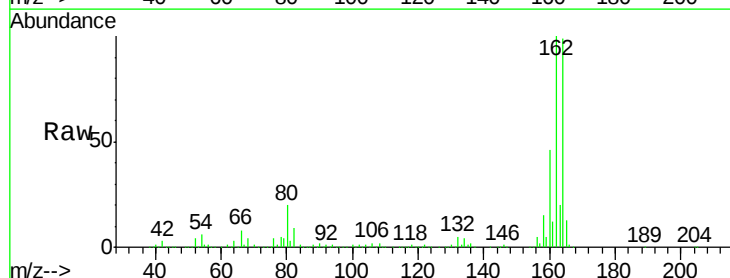
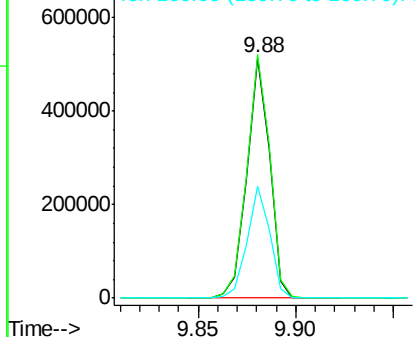
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

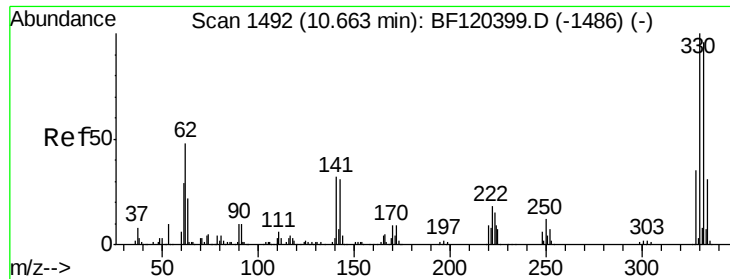


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.9	122.9
160	46.6	37.4	56.0

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





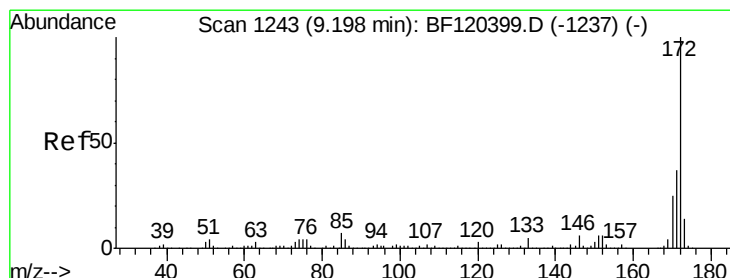
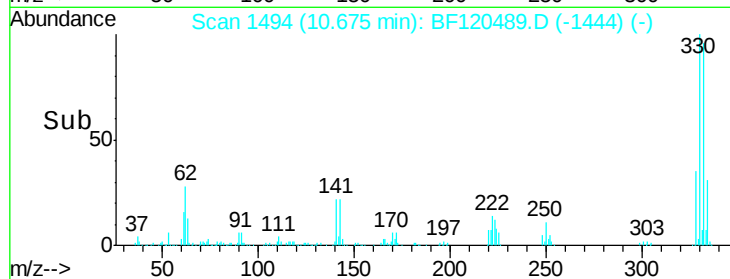
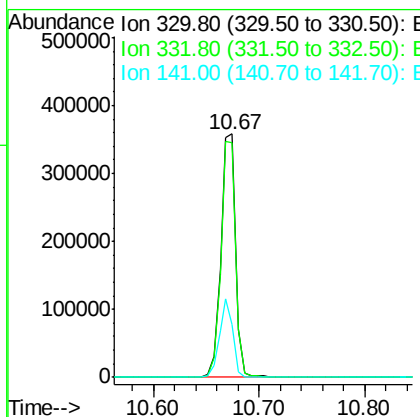
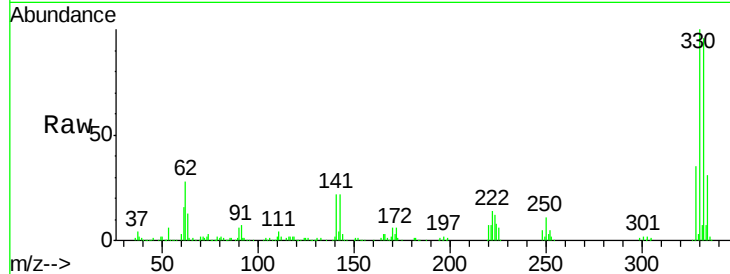
#42
 2,4,6-Tribromophenol
 Concen: 91.475 ng
 RT: 10.67 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF120489.D
 Acq: 2 Jun 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 NM99-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	351673		
332	97.1	76.8	115.2	
141	29.8	23.9	35.9	

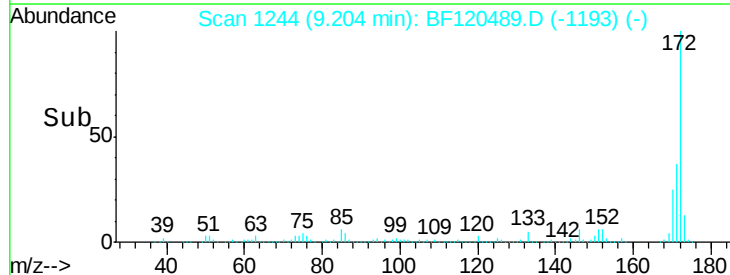
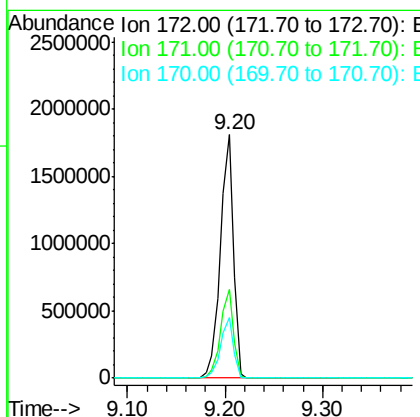
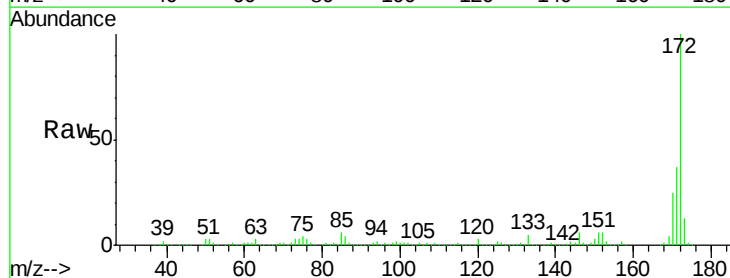
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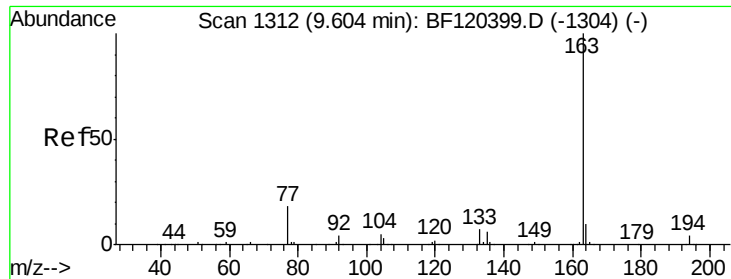
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#45
 2-Fluorobiphenyl
 Concen: 69.294 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF120489.D
 Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1694590		
171	36.6	29.4	44.2	
170	24.7	19.9	29.9	





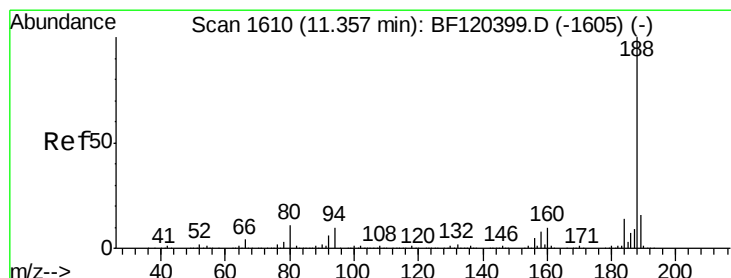
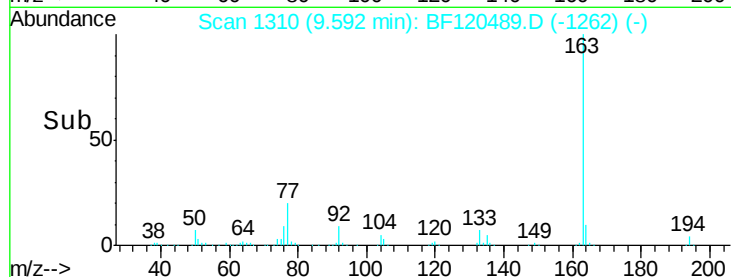
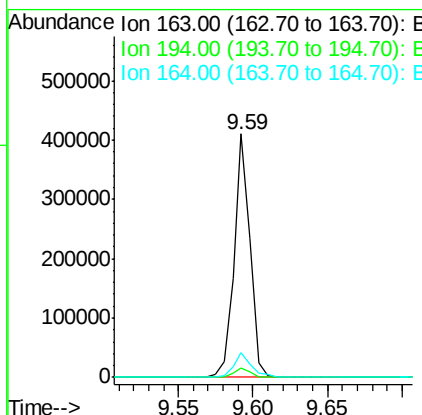
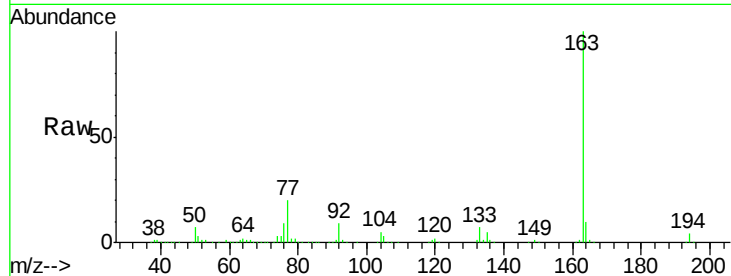
#50
Dimethylphthalate
Concen: 11.872 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	307958		
194	3.8		3.3	4.9
164	10.3		8.2	12.2

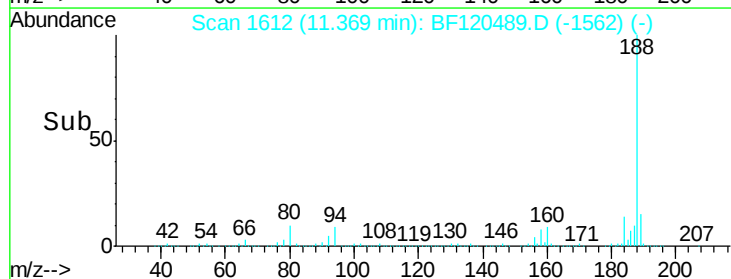
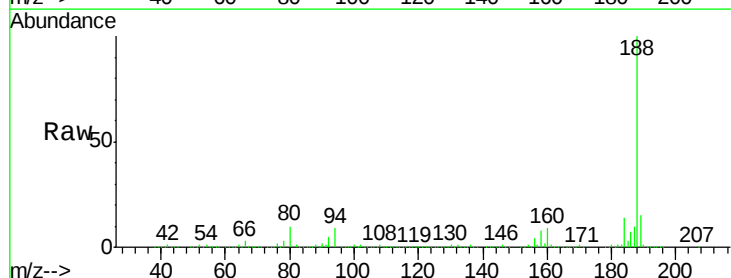
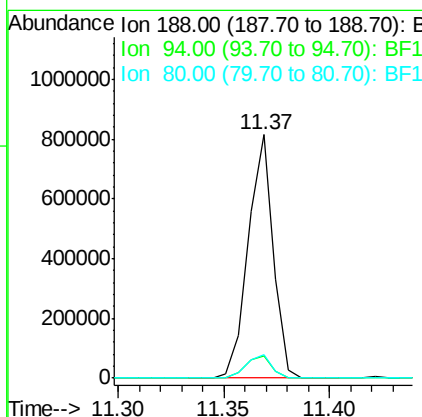
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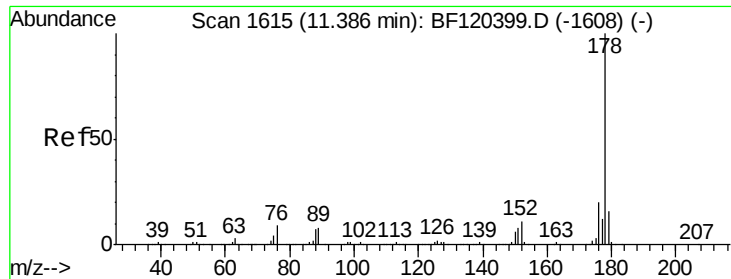
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	667851		
94	9.0		6.6	10.0
80	9.6		7.1	10.7





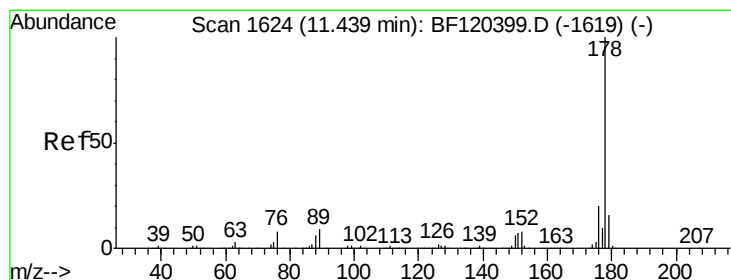
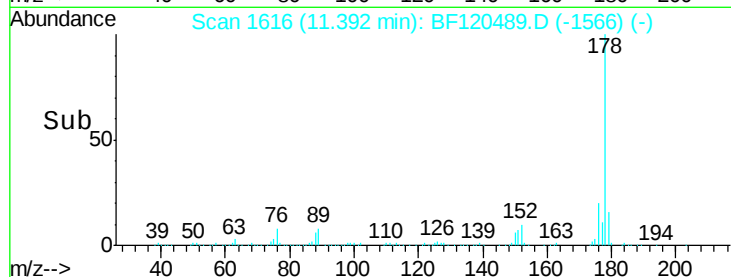
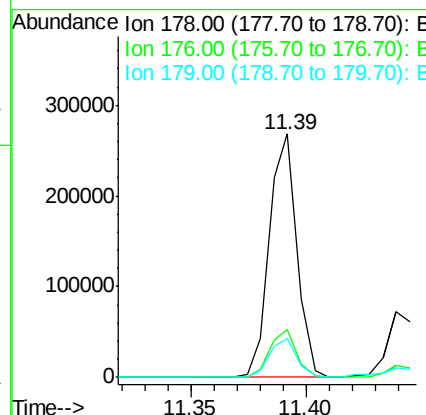
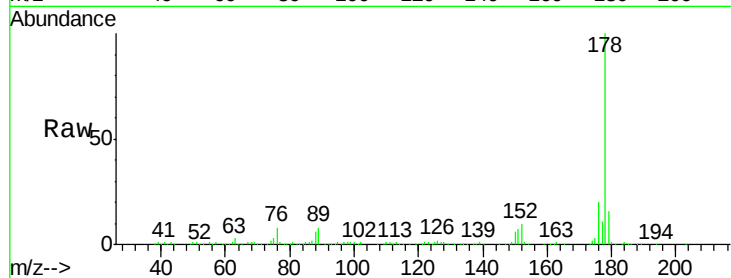
#71
Phenanthrene
Concen: 7.568 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.2
179	15.7	12.8	19.2

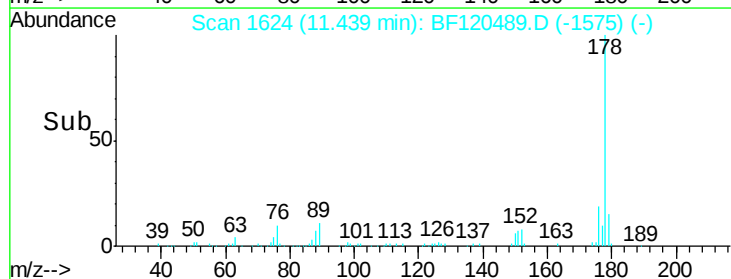
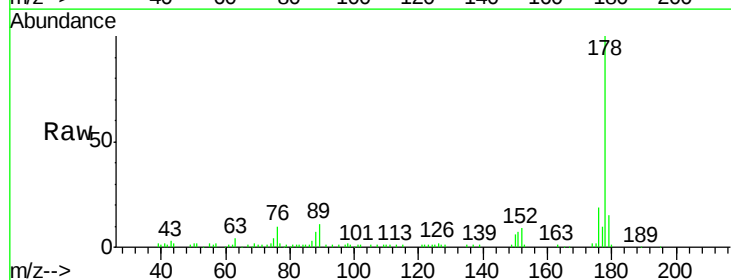
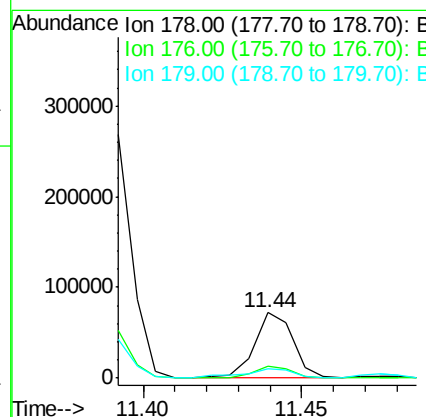
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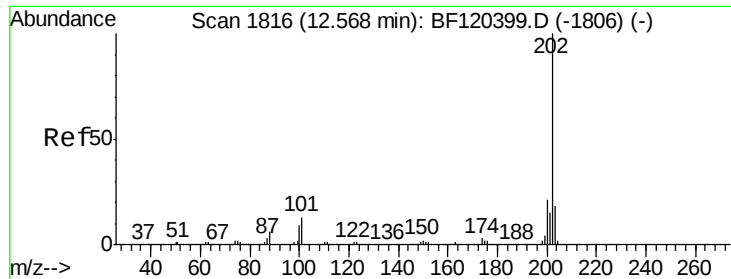
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#72
Anthracene
Concen: 2.001 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	14.7	12.7	19.1





#75

Fluoranthene

Concen: 14.004 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120489.D

Acq: 2 Jun 2020 12:40

Instrument :

BNA_F

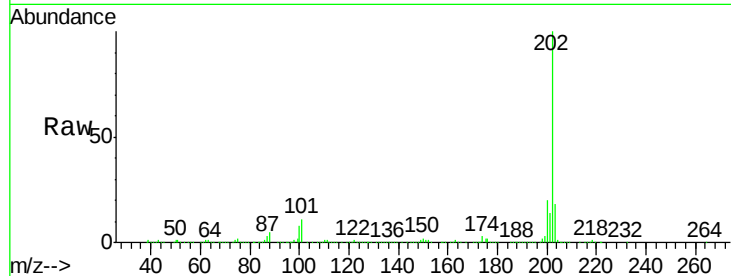
ClientSampleId :

NM99-COMP-2020-0-6

Tot Ion:	202	Resp:	443434
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.4
203	17.8	0.0	38.8

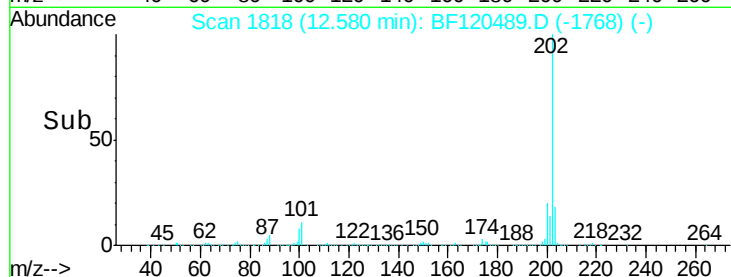
Manual Integrations
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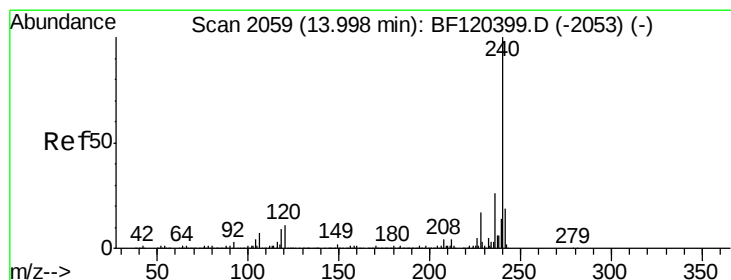


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.58



Time--> 12.50 12.55 12.60



#76

Chrysene-d12

Concen: 20.000 ng

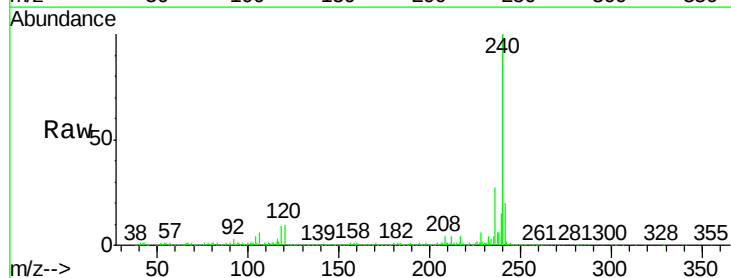
RT: 14.01 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BF120489.D

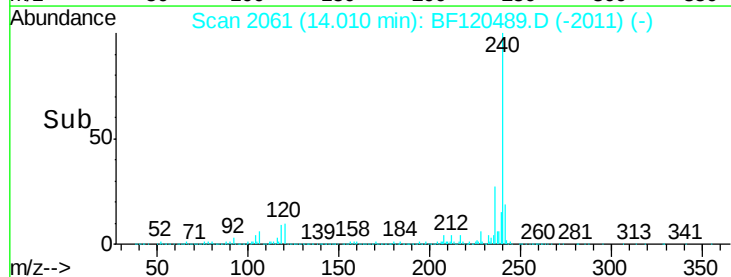
Acq: 2 Jun 2020 12:40

Tgt Ion:	240	Resp:	440047
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.9	14.9
236	26.8	21.0	31.6

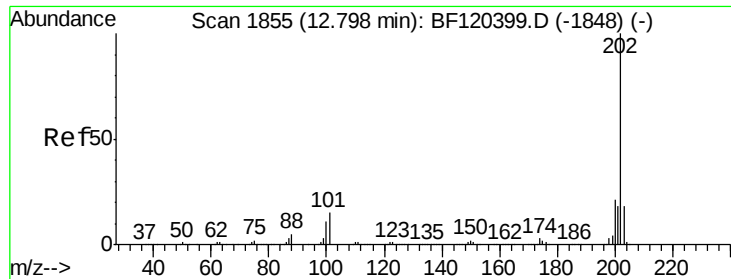


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.01



Time--> 13.95 14.00 14.05 14.10



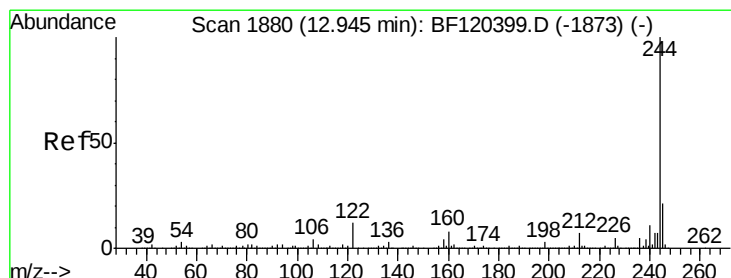
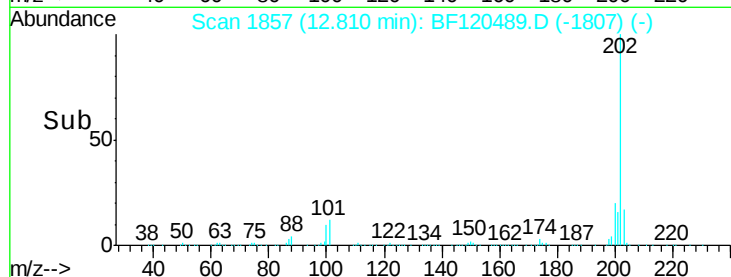
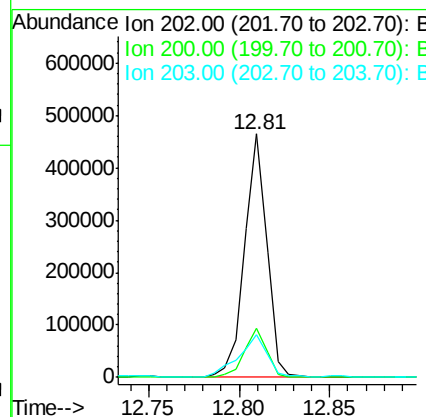
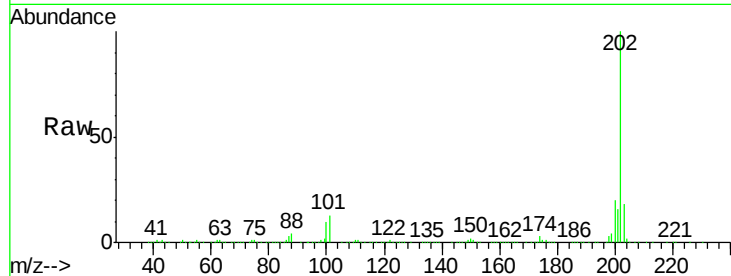
#78
Pvrene
Concen: 12.920 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.6	14.6	22.0

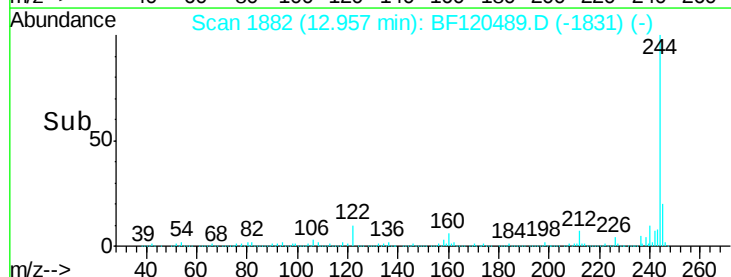
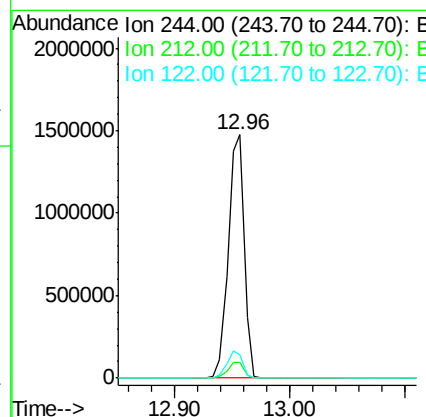
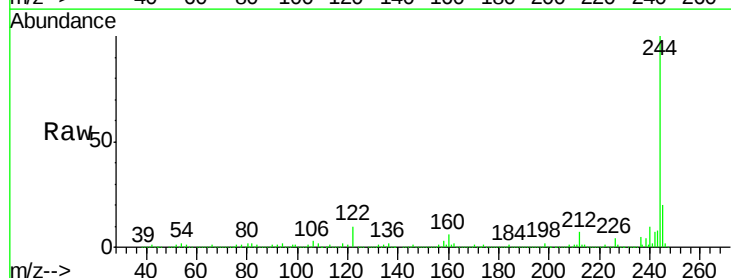
Manual Integrations
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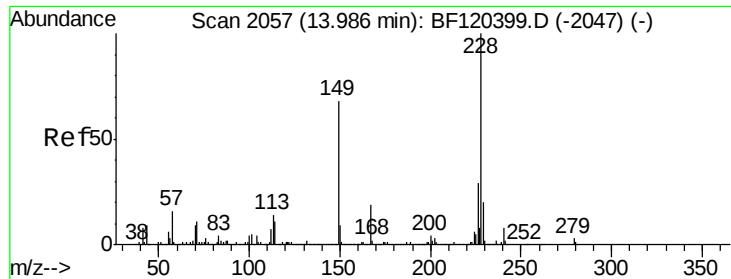
mohammad
6/3/2020 4:35:50 PM



#79
Terphenyl-d14
Concen: 71.046 ng
RT: 12.96 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.9	8.7	13.1





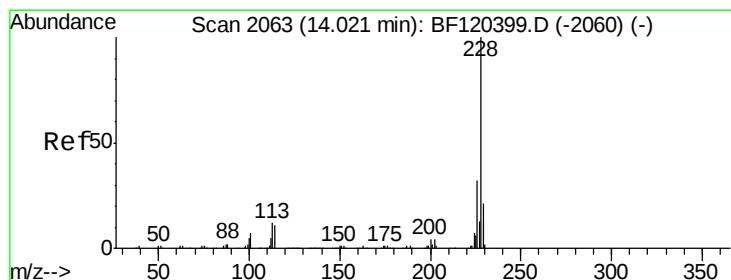
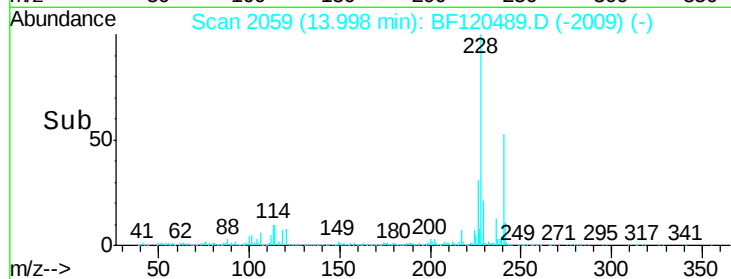
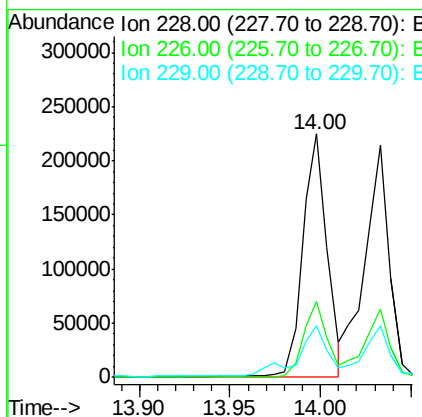
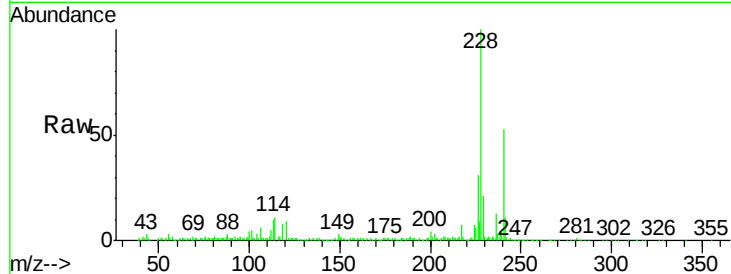
#81
Benzo(a)anthracene
Concen: 8.955 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.9	34.3
229	21.2	16.3	24.5

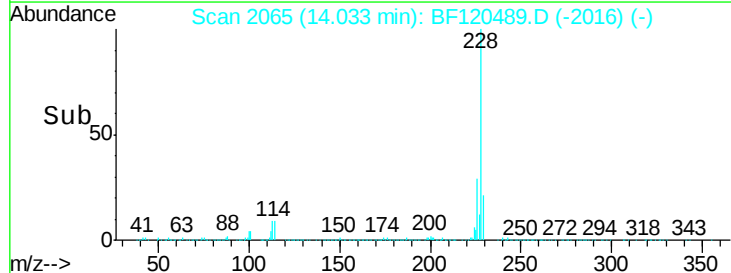
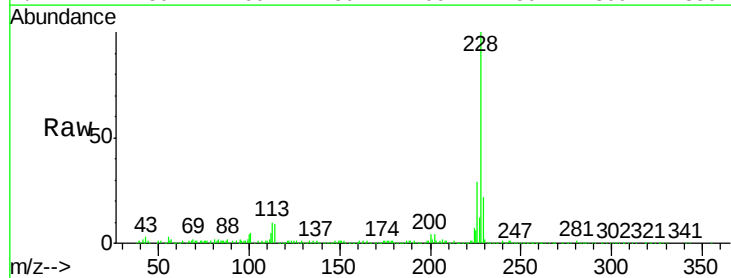
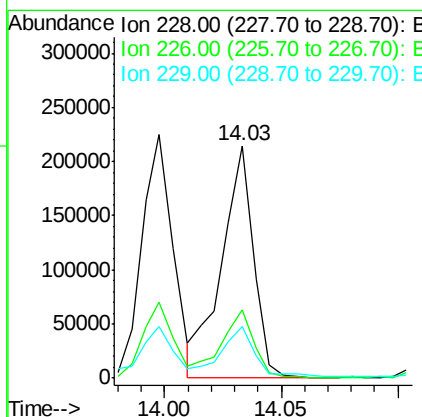
Manual Integrations
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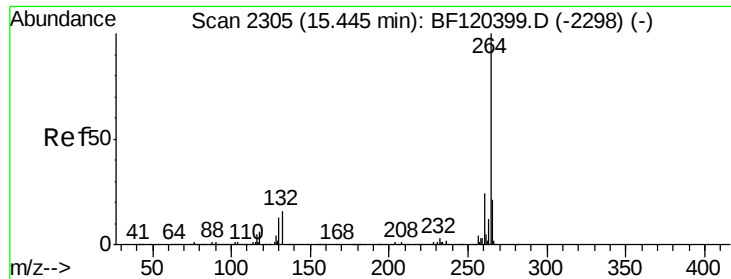
mohammad
6/3/2020 4:35:50 PM



#83
Chrysene
Concen: 8.278 ng m
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.7	38.5
229	22.2	16.4	24.6





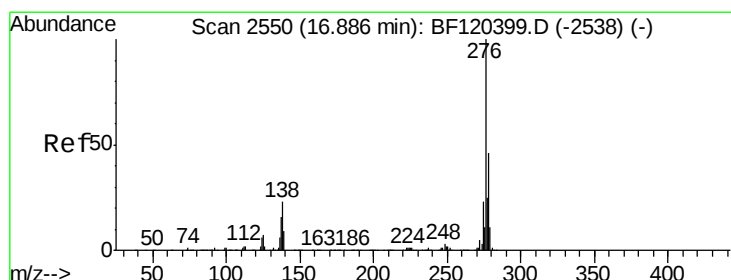
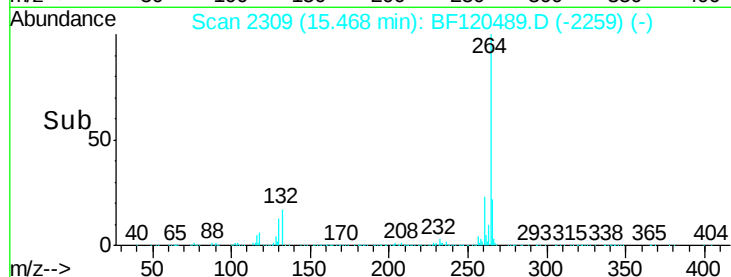
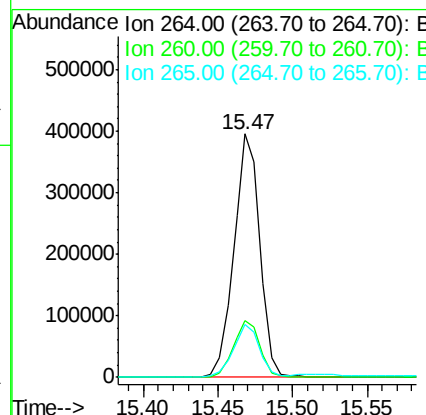
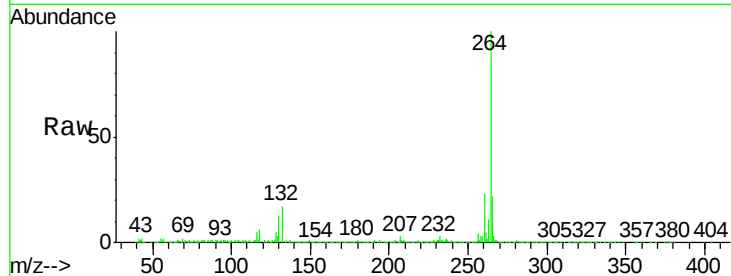
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	17.6	26.4

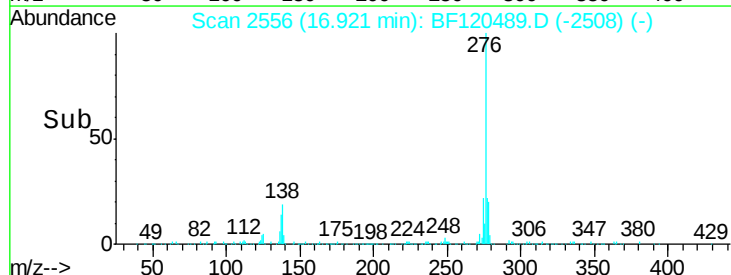
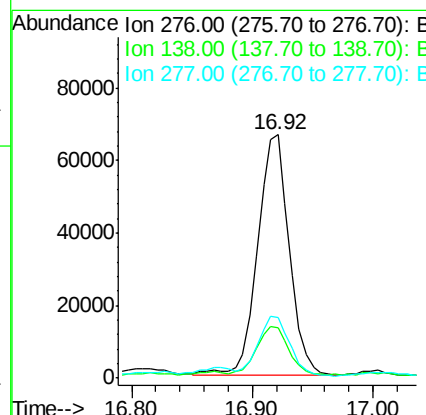
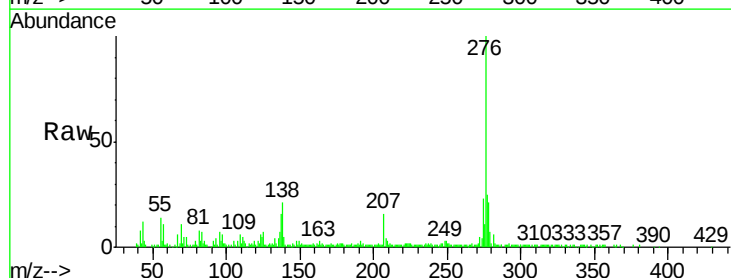
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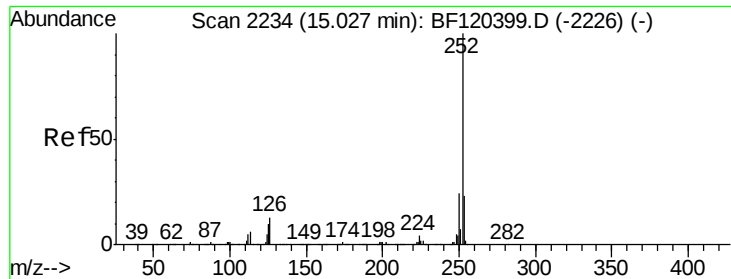
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.658 ng
RT: 16.92 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.3	28.9
277	25.1	20.7	31.1





#88

Benzo(b)fluoranthene

Concen: 11.456 ng m

RT: 15.04 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120489.D

Acq: 2 Jun 2020 12:40

Instrument :

BNA_F

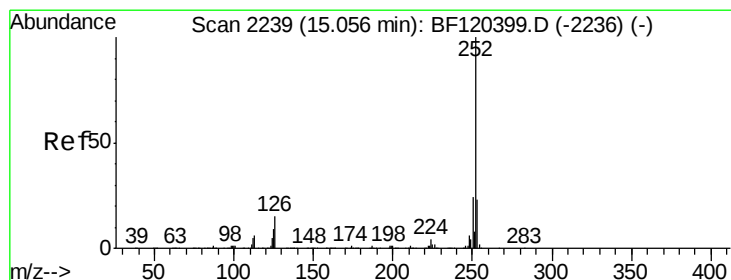
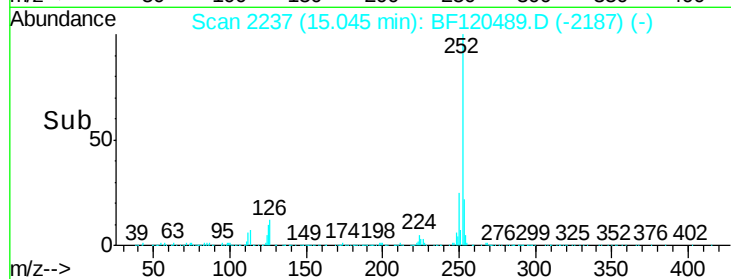
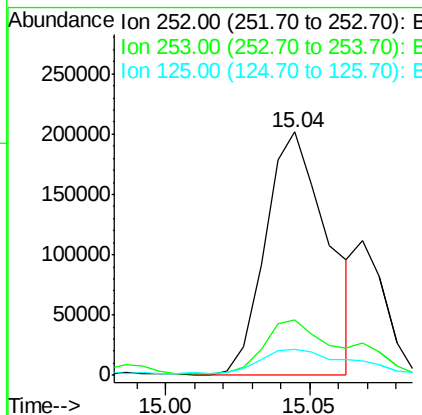
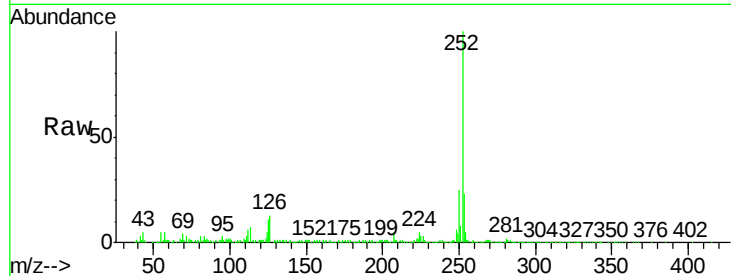
ClientSampleId :

NM99-COMP-2020-0-6

Tot Ion:	252	Resp:	304614
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	10.9	8.2	12.4

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 3.261 ng m

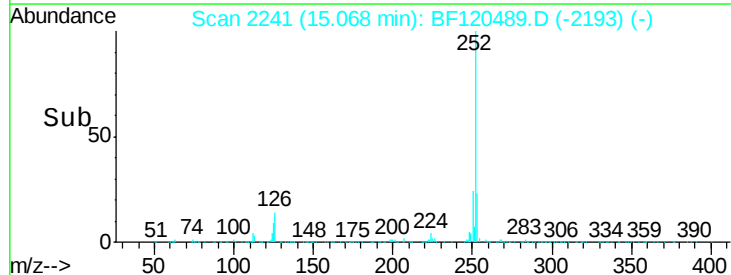
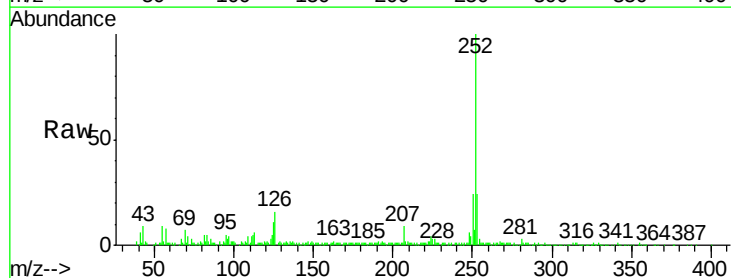
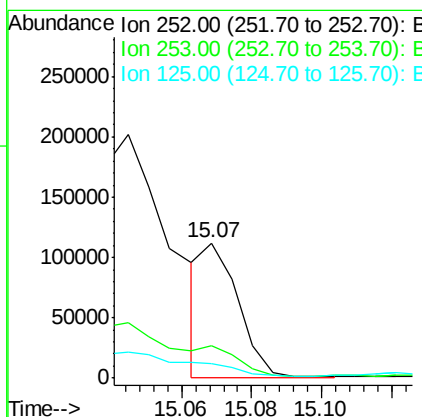
RT: 15.07 min Scan# 2241

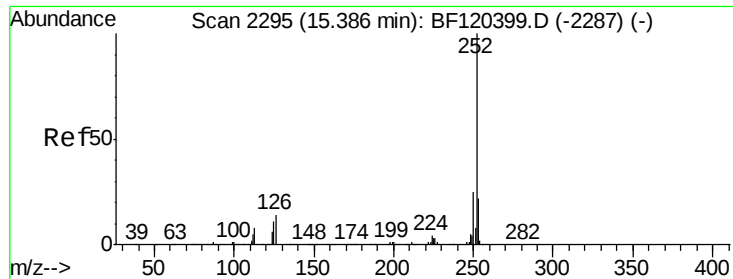
Delta R.T. -0.02 min

Lab File: BF120489.D

Acq: 2 Jun 2020 12:40

Tgt Ion:	252	Resp:	80957
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	11.1	7.1	10.7#





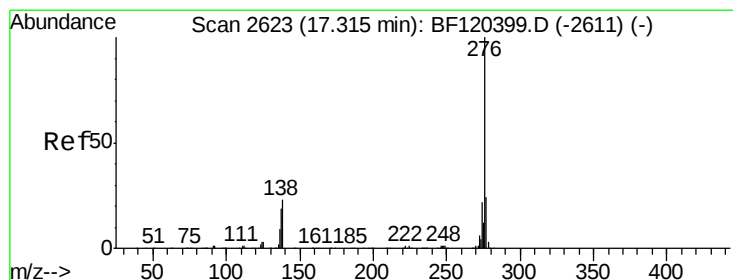
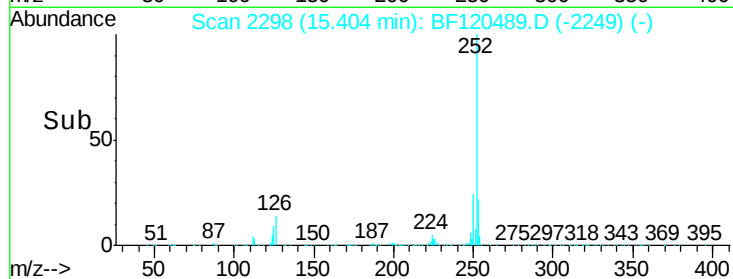
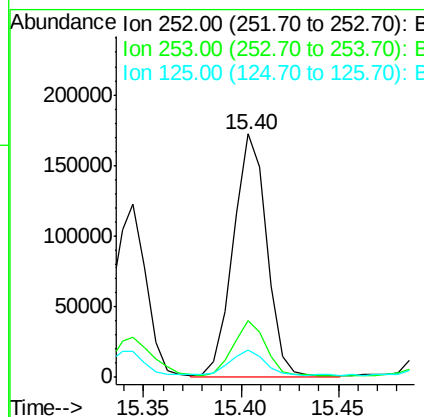
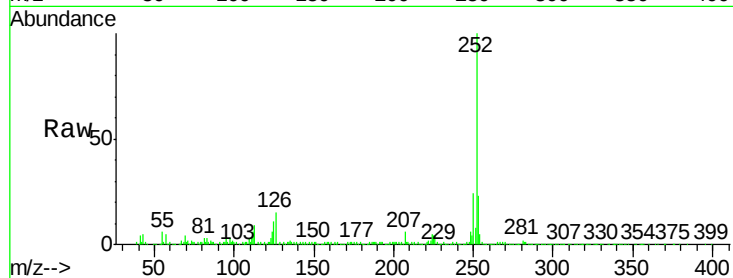
#90
Benzo(a)pyrene
Concen: 8.737 ng
RT: 15.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Instrument :
BNA_F
ClientSampleId :
NM99-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.4	9.0	13.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.350 ng
RT: 17.36 min Scan# 2630
Delta R.T. -0.02 min
Lab File: BF120489.D
Acq: 2 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.4	16.8	25.2

