

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120534.D
 Acq On : 4 Jun 2020 15:33
 Operator : JU/CG
 Sample : L2839-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Manual Integrations
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mohammad
 6/5/2020 11:57:23 AM

Quant Time: Jun 04 16:56:29 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	182916	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	685370	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	332564	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	598015	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	393453	20.00	ng	-0.02
86) Perylene-d12	15.45	264	468743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1585003	165.14	ng	0.00
7) Phenol-d6	6.47	99	2061093	174.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	1354551	129.28	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	517654	168.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2126500	108.49	ng	0.00
79) Terphenyl-d14	12.94	244	2163894	122.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	174638	8.400	ng	100
71) Phenanthrene	11.37	178	229834	8.722	ng	97
75) Fluoranthene	12.56	202	384640	13.566	ng	98
78) Pyrene	12.79	202	328317	11.999	ng	98
81) Benzo(a)anthracene	13.98	228	151430	7.181	ng	97
83) Chrysene	14.02	228	126556	5.725	ng	95
87) Indeno(1,2,3-cd)pyrene	16.89	276	86095	3.358	ng	95
88) Benzo(b)fluoranthene	15.03	252	200114m	7.686	ng	
89) Benzo(k)fluoranthene	15.05	252	52988m	2.180	ng	
90) Benzo(a)pyrene	15.39	252	138351	6.075	ng	99
92) Benzo(g,h,i)perylene	17.33	276	78546	3.810	ng	98

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

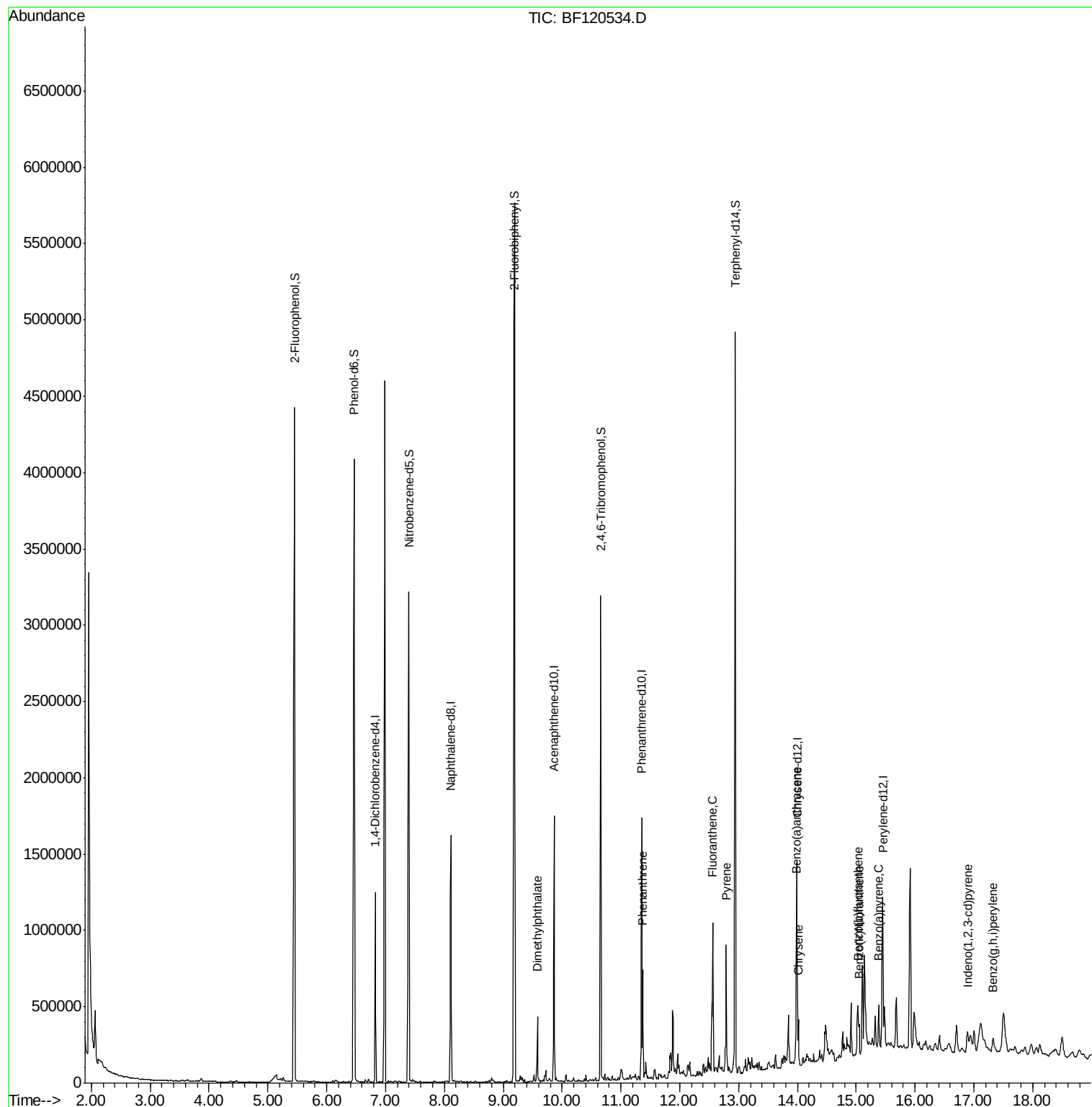
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120534.D
Acq On : 4 Jun 2020 15:33
Operator : JU/CG
Sample : L2839-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

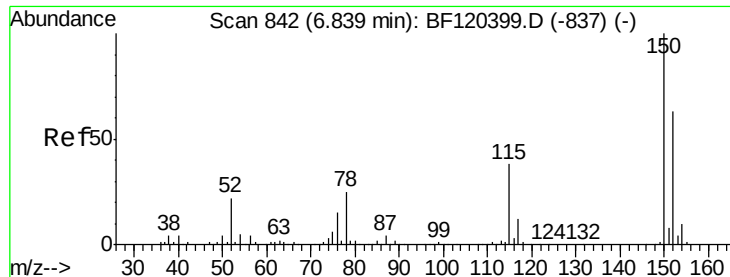
Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Manual Integrations
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Quant Time: Jun 04 16:56:29 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

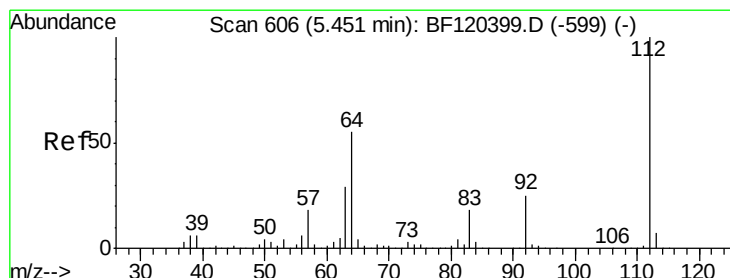
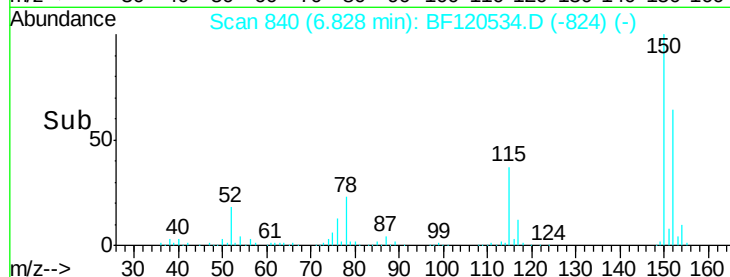
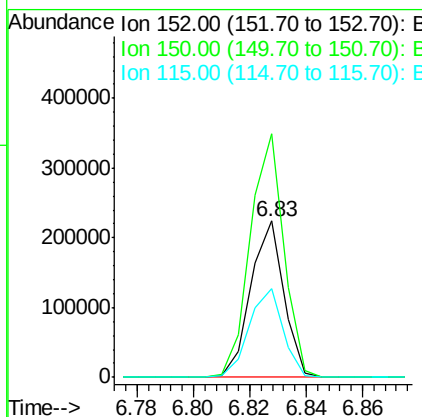
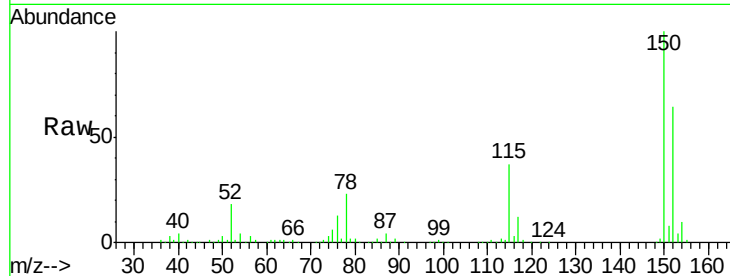
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.1	190.7
115	57.0	48.7	73.1

Manual Integrations
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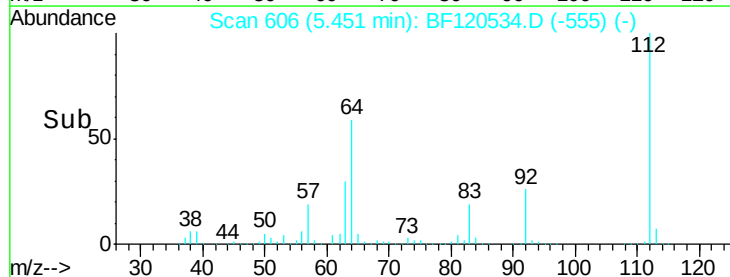
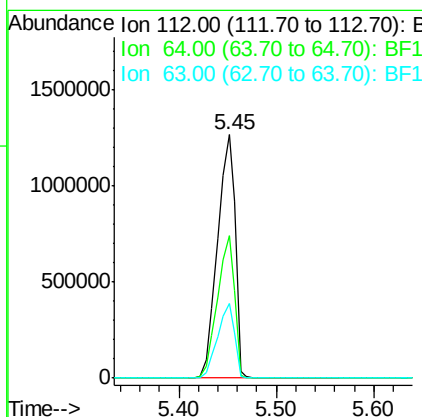
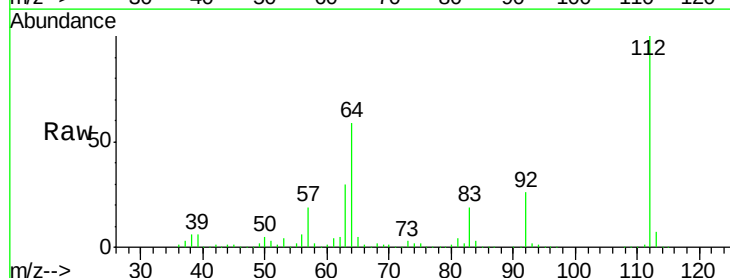
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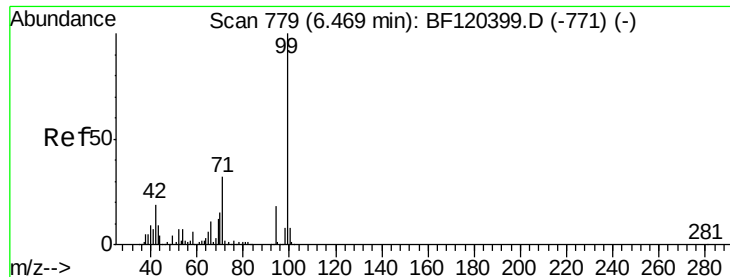


#5

2-Fluorophenol
Concen: 165.137 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.8	68.8
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 174.220 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120534.D

Acq: 4 Jun 2020 15:33

Instrument :

BNA_F

ClientSampleId :

NMDUP06-2020-0-6

Tot Ion: 99 Resp: 2061093

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

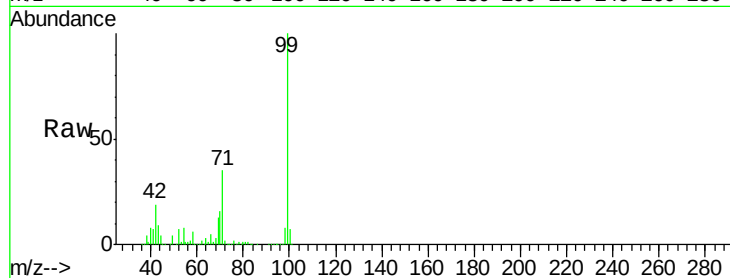
71 35.0 26.3 39.5

Manual Integrations

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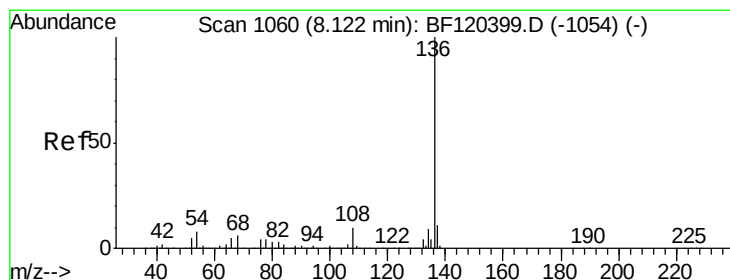
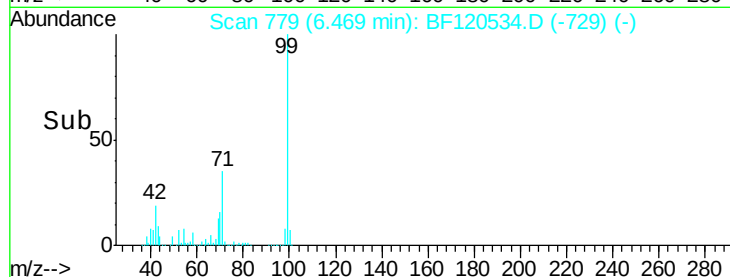
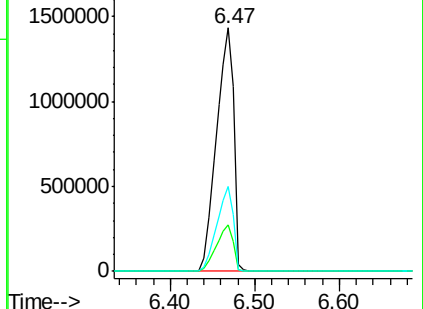
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120534.D

Acq: 4 Jun 2020 15:33

Tgt Ion: 136 Resp: 685370

Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.1 6.0 9.0

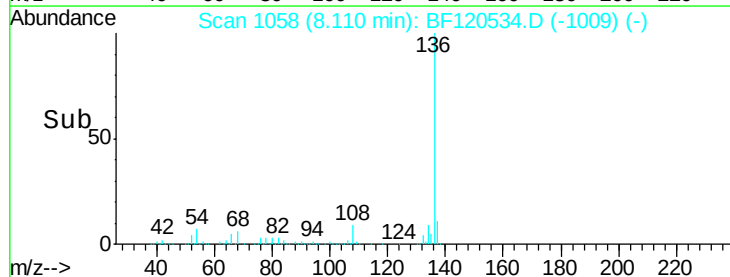
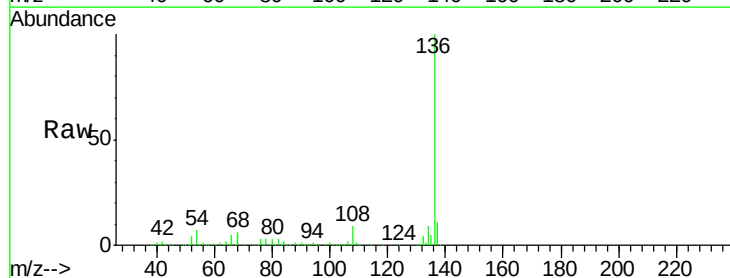
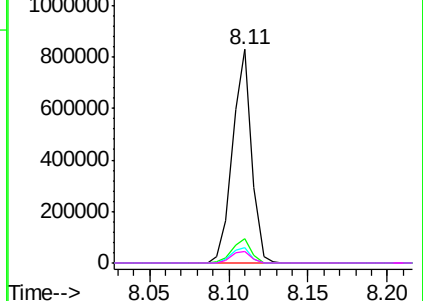
68 5.7 4.8 7.2

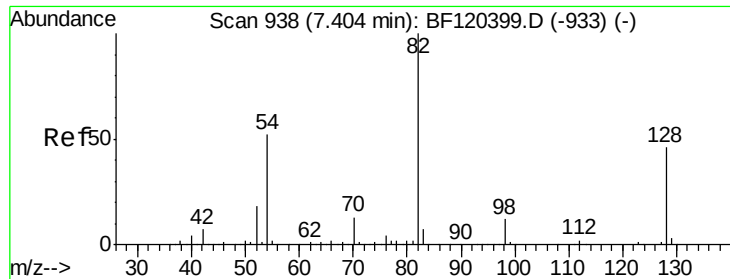
Abundance Ion 136.00 (135.70 to 136.70): E

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





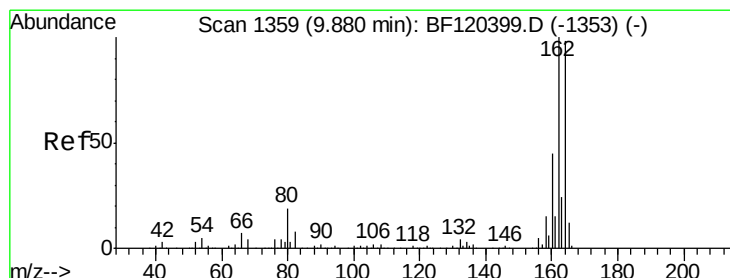
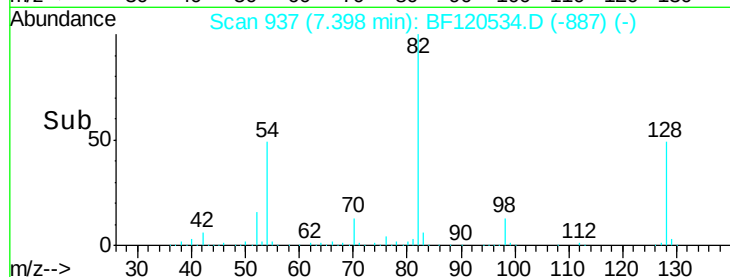
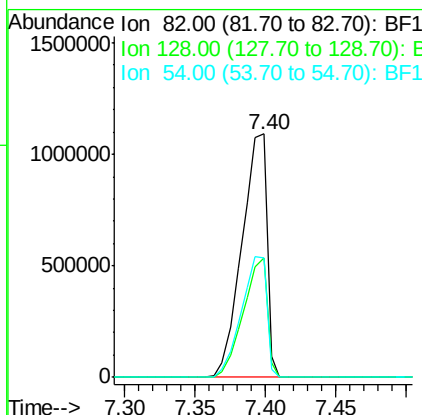
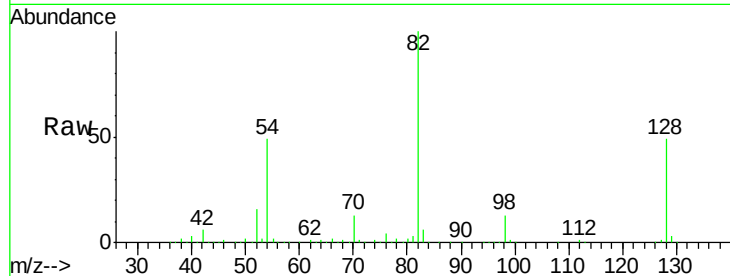
#23
 Nitrobenzene-d5
 Concen: 129.281 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.0
54	48.8	40.7	61.1

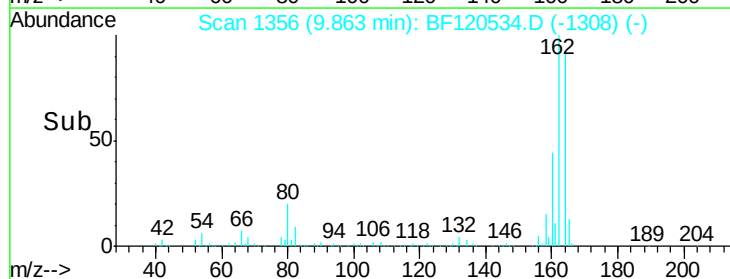
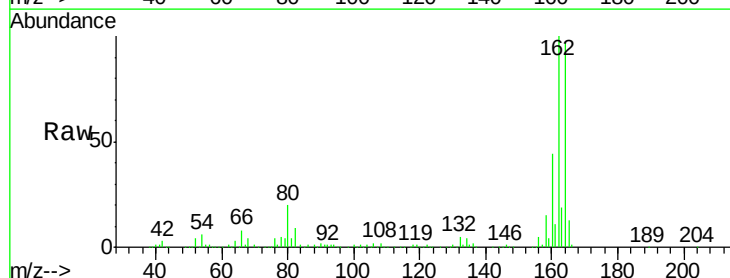
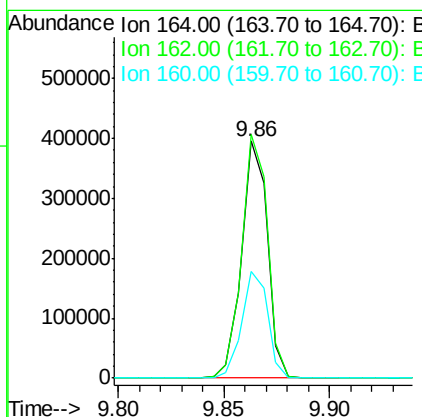
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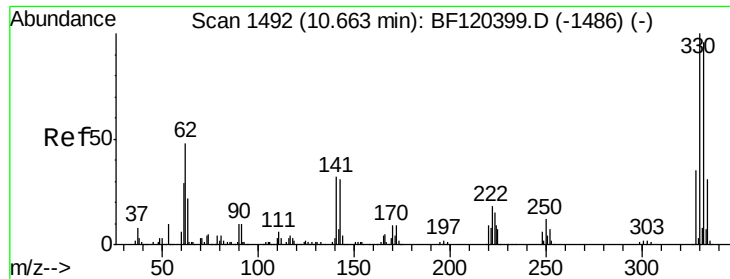
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	45.2	37.3	55.9





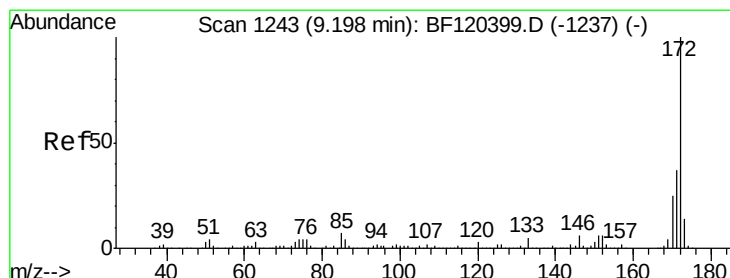
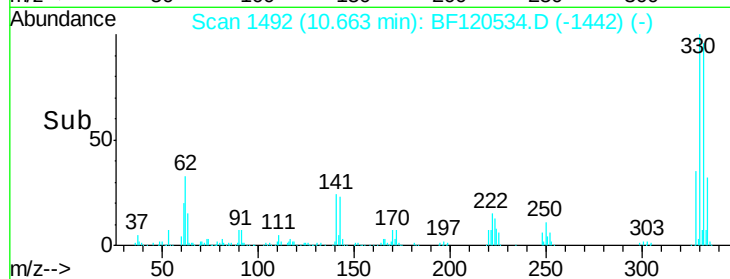
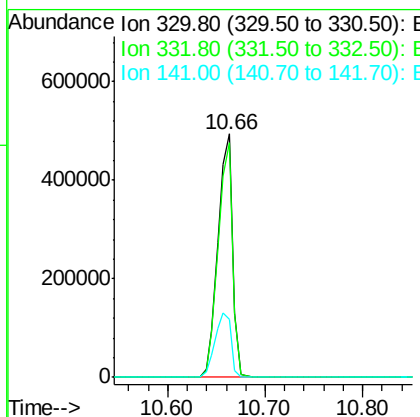
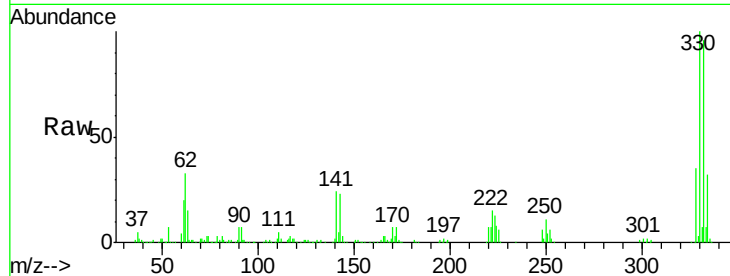
#42
 2,4,6-Tribromophenol
 Concen: 167.996 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	517654		
332	95.7	77.4	116.2	
141	29.0	23.5	35.3	

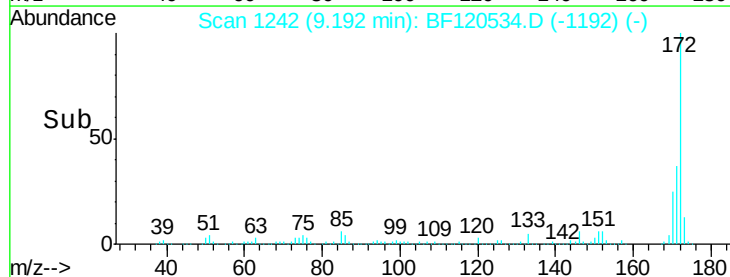
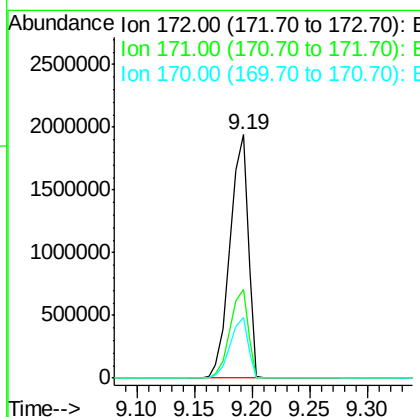
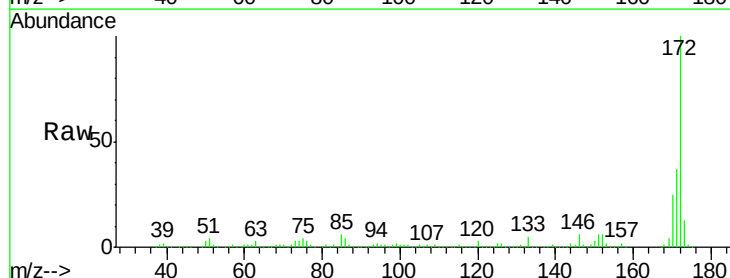
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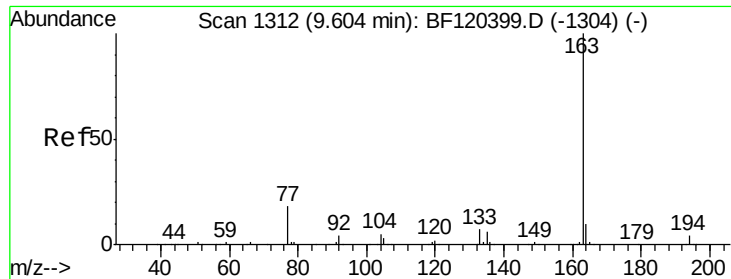
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#45
 2-Fluorobiphenyl
 Concen: 108.491 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2126500		
171	36.5	29.2	43.8	
170	25.0	20.1	30.1	





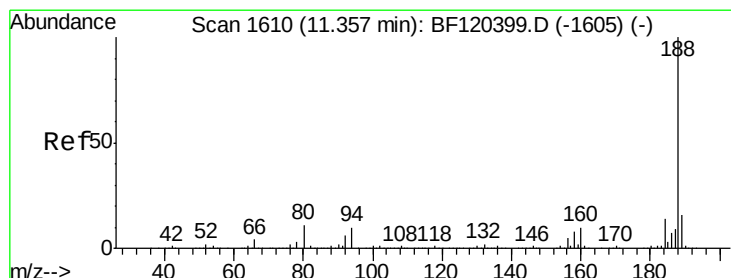
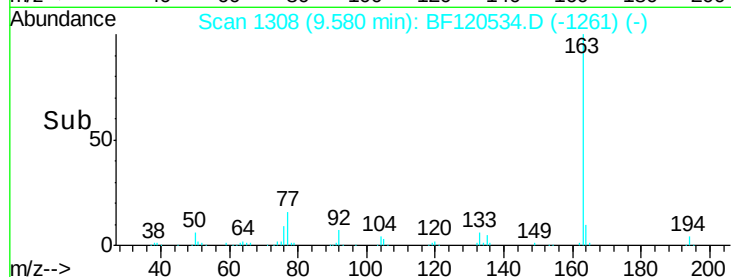
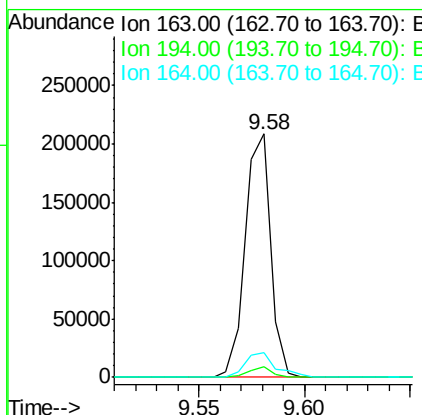
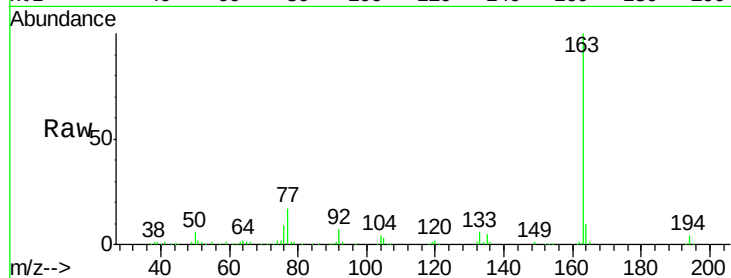
#50
Dimethylphthalate
Concen: 8.400 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	174638		
194	4.4		3.1	4.7
164	10.3		8.2	12.4

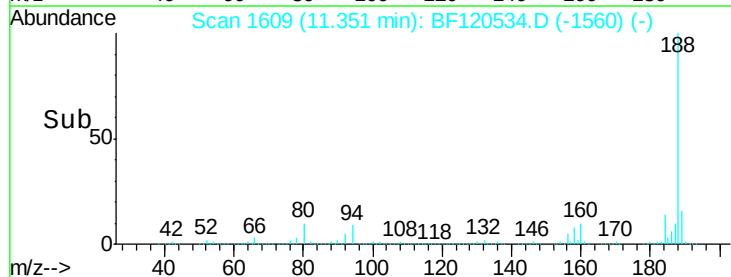
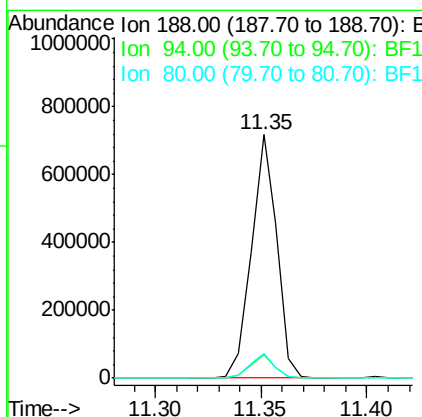
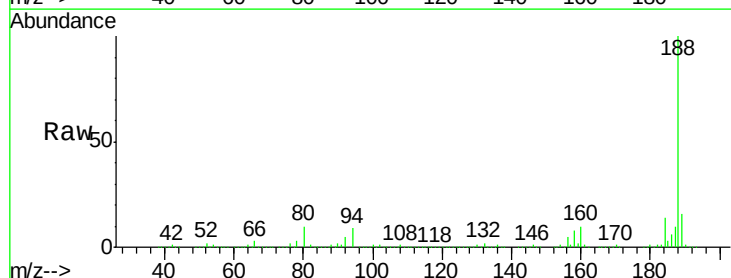
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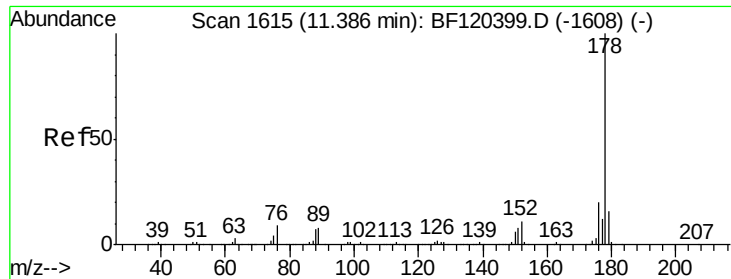
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	598015		
94	9.5		7.5	11.3
80	10.0		7.9	11.9





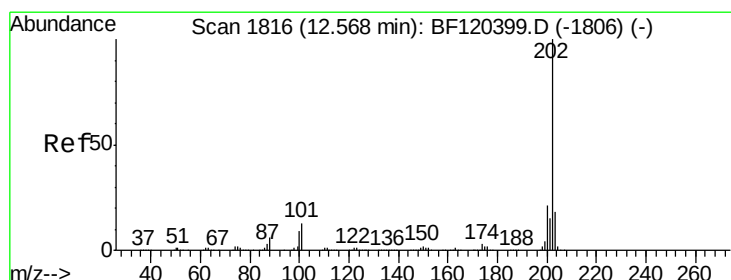
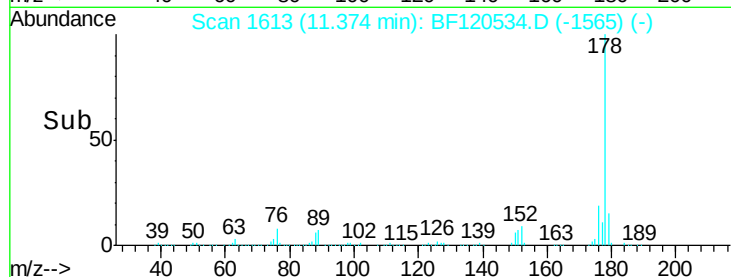
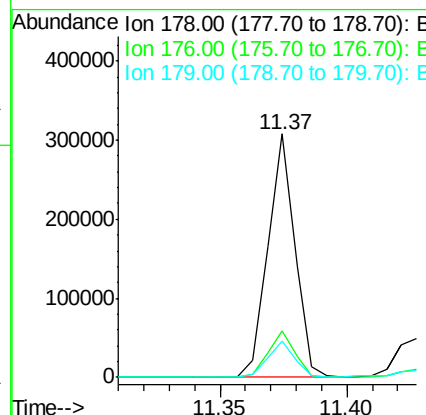
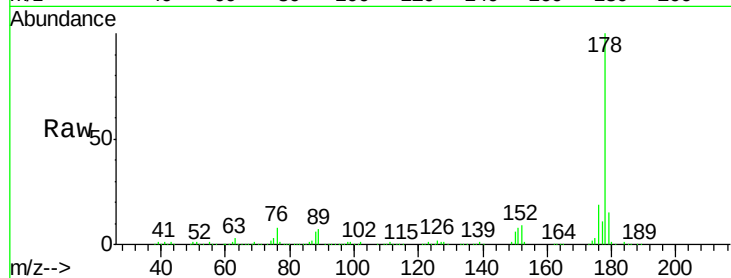
#71
Phenanthrene
Concen: 8.722 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	15.1	13.0	19.4

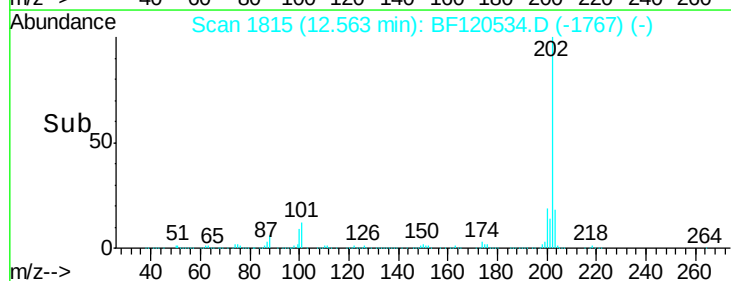
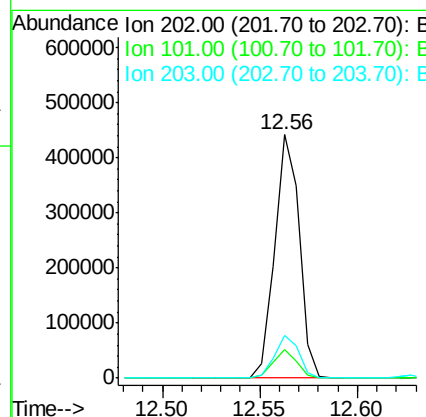
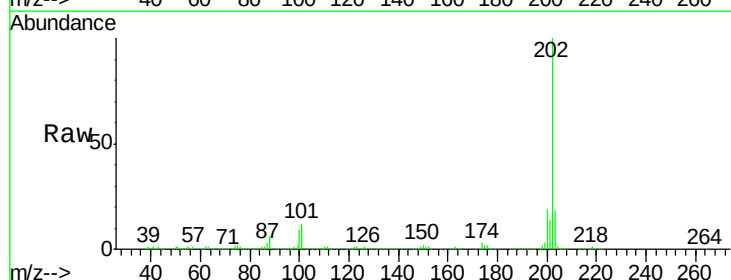
Manual Integrations
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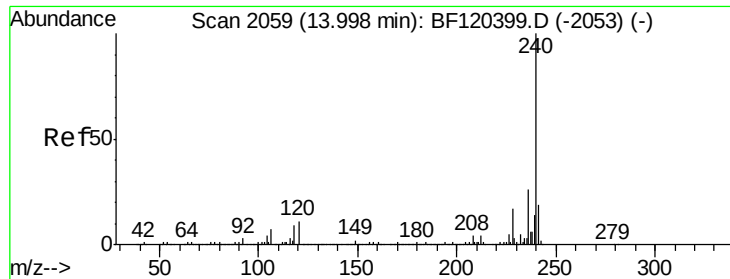
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#75
Fluoranthene
Concen: 13.566 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	17.6	0.0	38.2





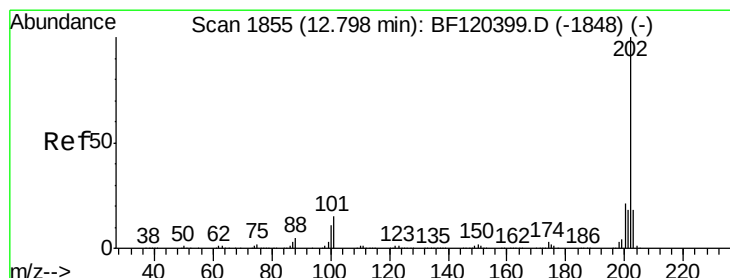
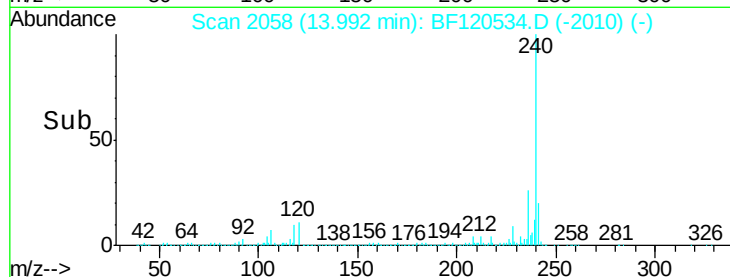
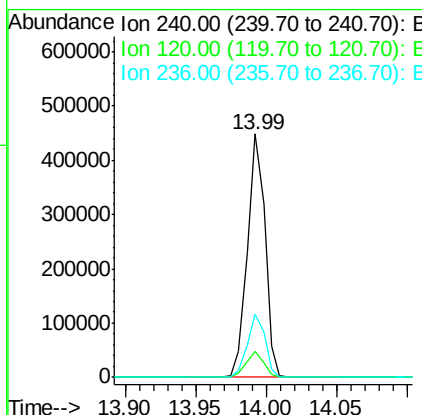
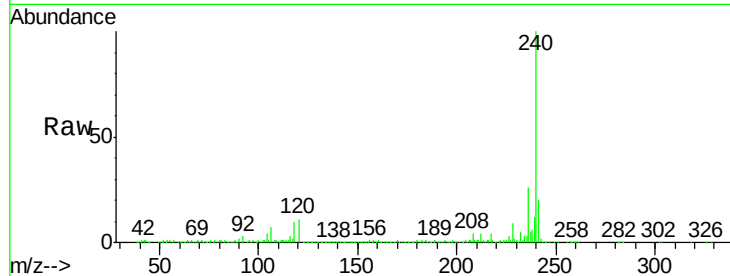
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.9	11.9
236	25.9	21.1	31.7

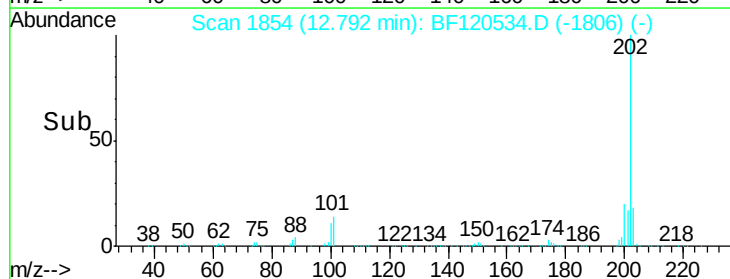
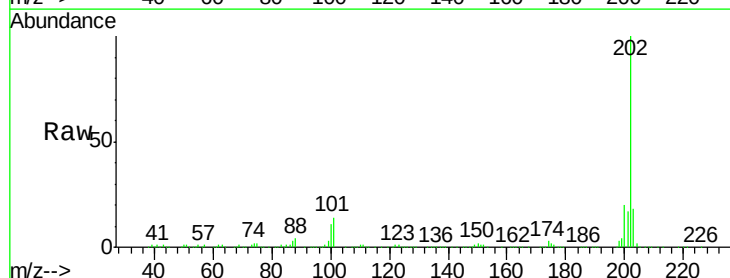
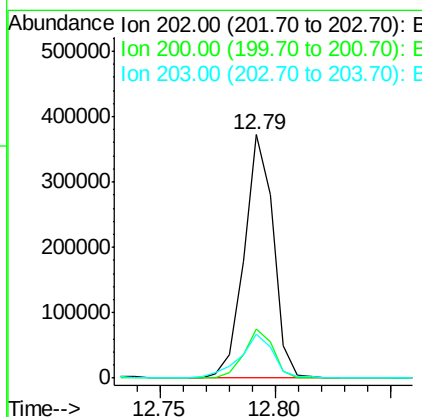
Manual Integrations
APPROVED

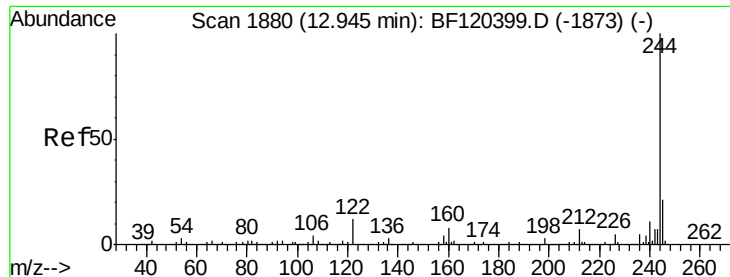
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#78
Pyrene
Concen: 11.999 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.3	25.9
203	18.3	14.5	21.7





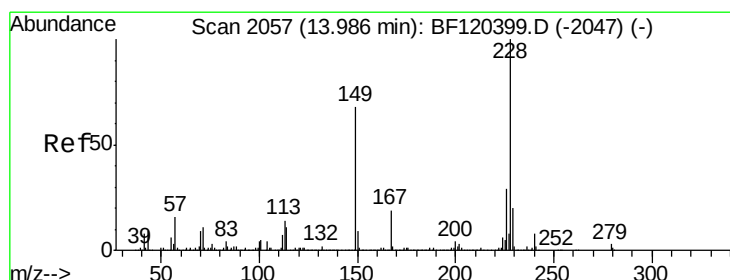
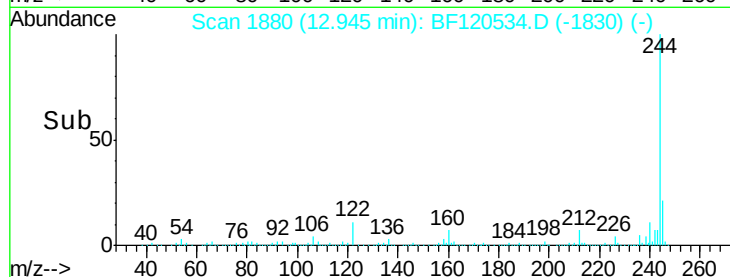
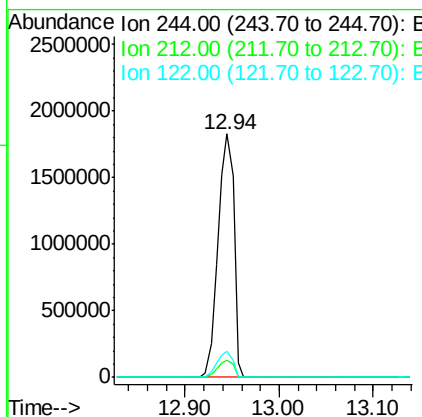
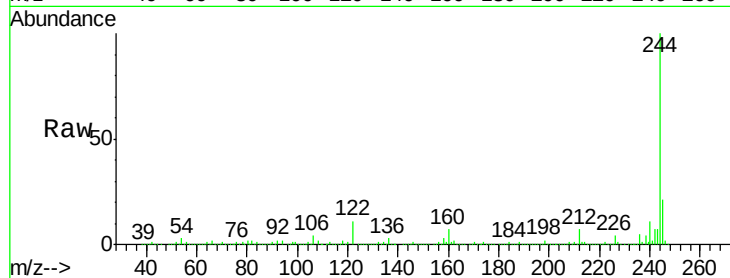
#79
 Terphenyl-d14
 Concen: 122.383 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.8	8.2	12.4

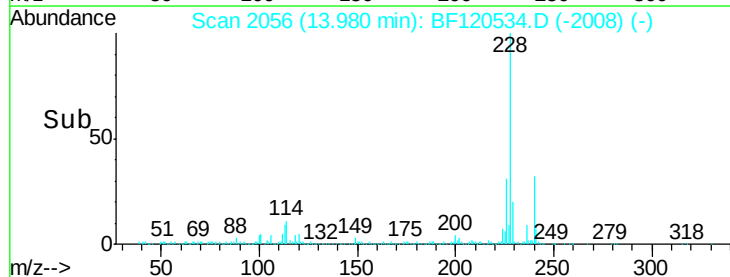
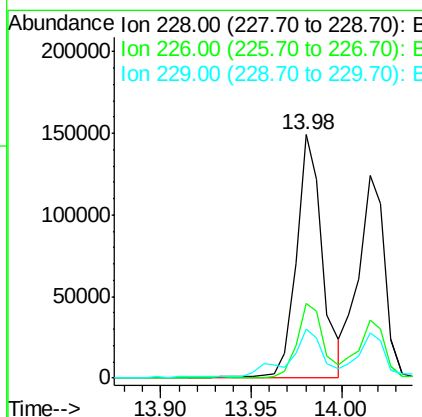
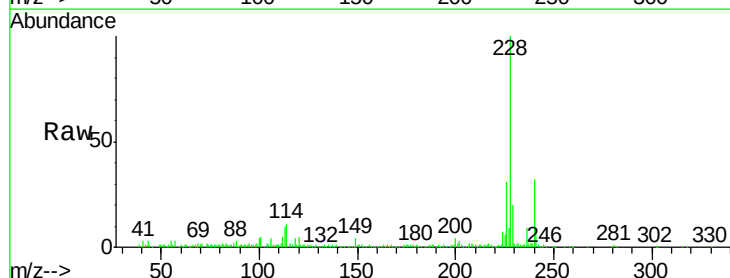
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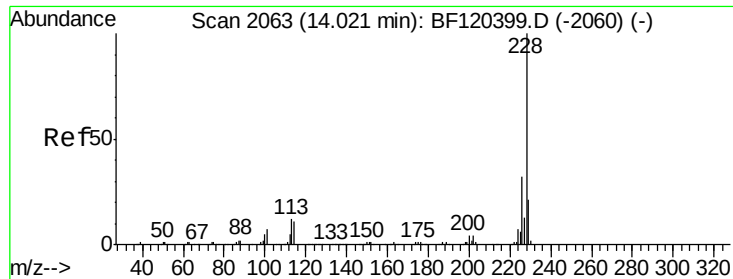
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.181 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.7	34.1
229	20.0	16.3	24.5





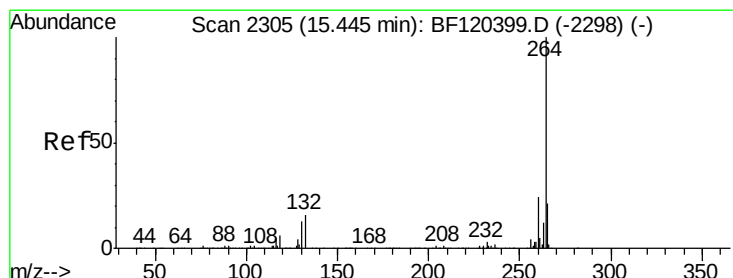
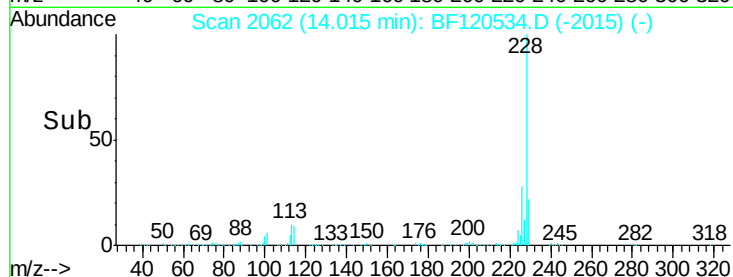
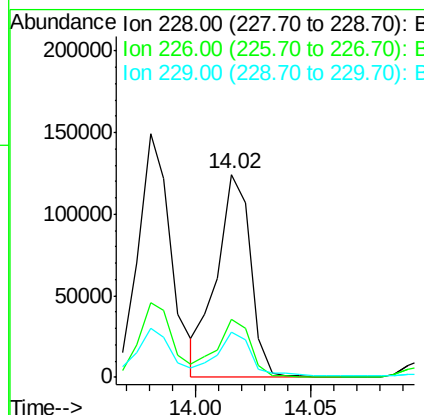
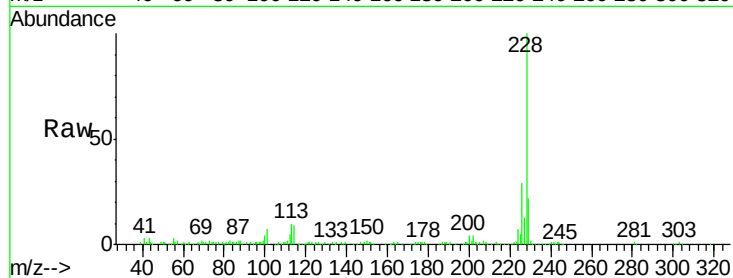
#83
Chrysene
Concen: 5.725 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

Tot Ion:228	Resp:	126556
Ion Ratio	Lower	Upper
228 100		
226 28.6	25.2	37.8
229 22.4	16.1	24.1

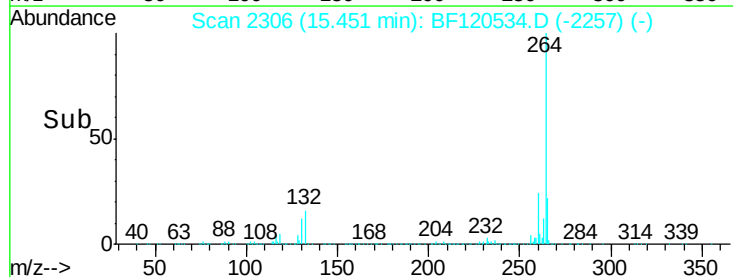
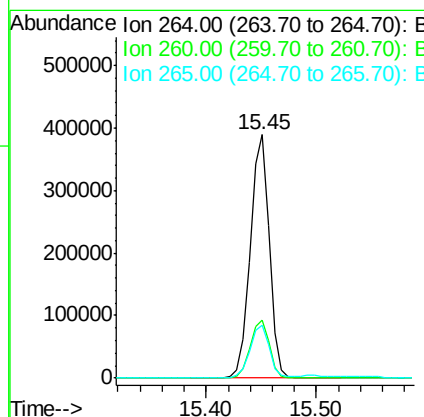
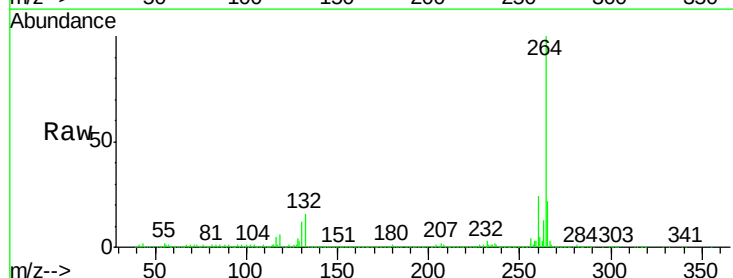
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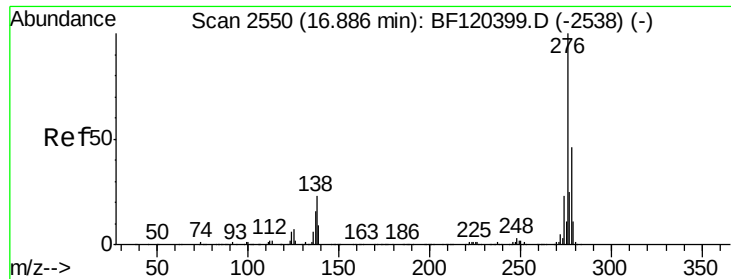
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Tgt Ion:264	Resp:	468743
Ion Ratio	Lower	Upper
264 100		
260 23.9	19.8	29.8
265 21.7	17.5	26.3





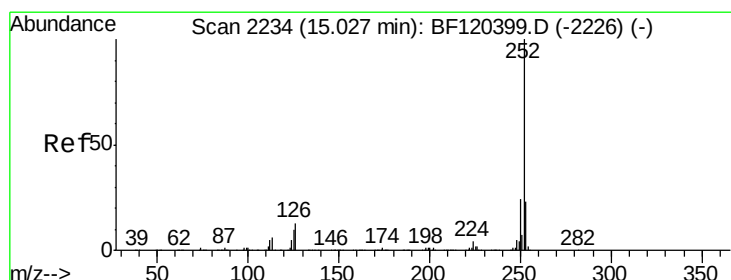
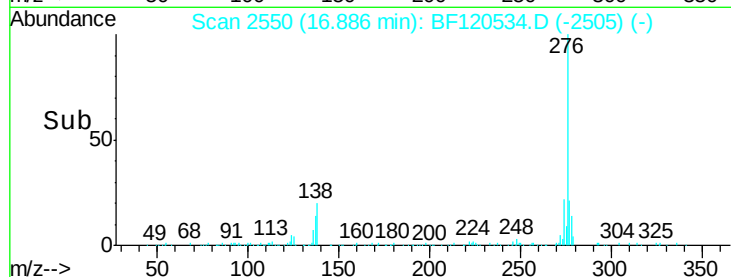
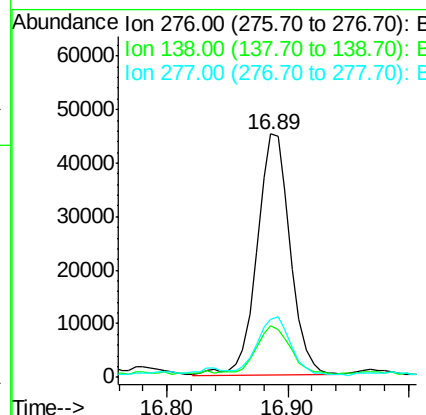
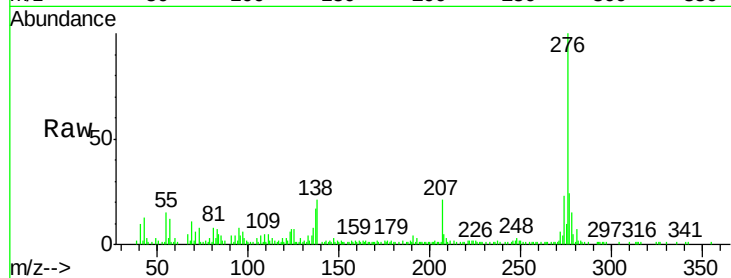
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.358 ng
 RT: 16.89 min Scan# 2550
 Delta R.T. -0.04 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.2	28.8
277	24.2	20.4	30.6

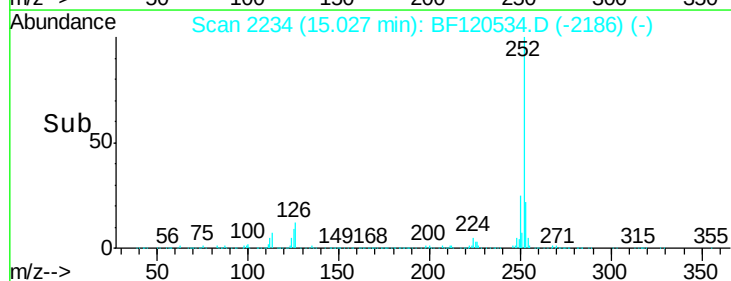
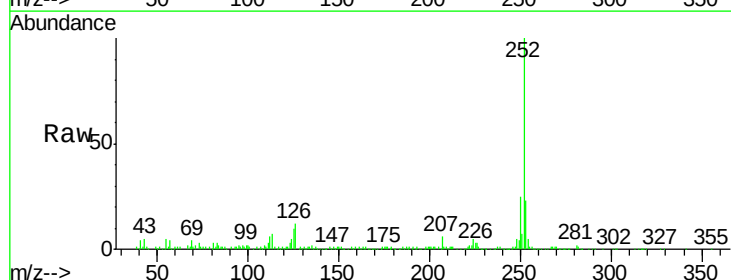
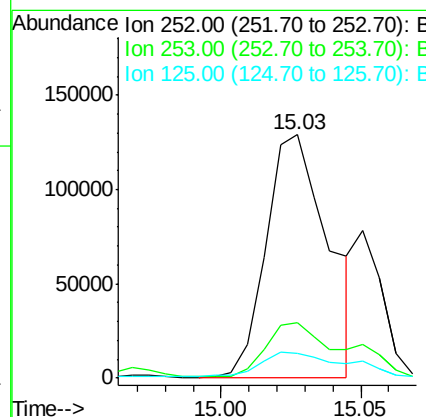
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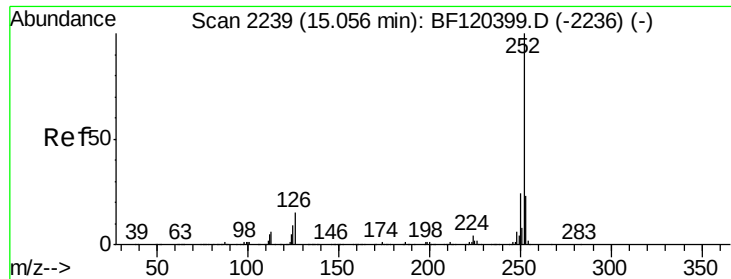
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#88
 Benzo(b)fluoranthene
 Concen: 7.686 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.2	7.6	11.4





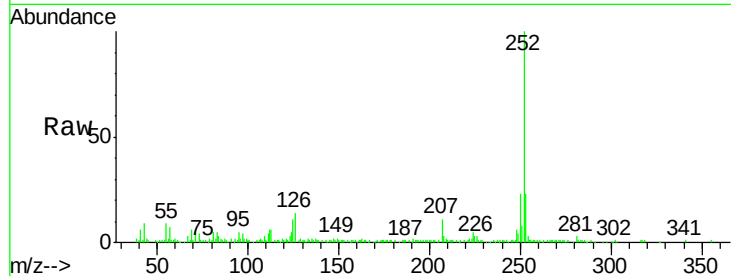
#89
Benzo(k)fluoranthene
Concen: 2.180 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Instrument :
BNA_F
ClientSampleId :
NMDUP06-2020-0-6

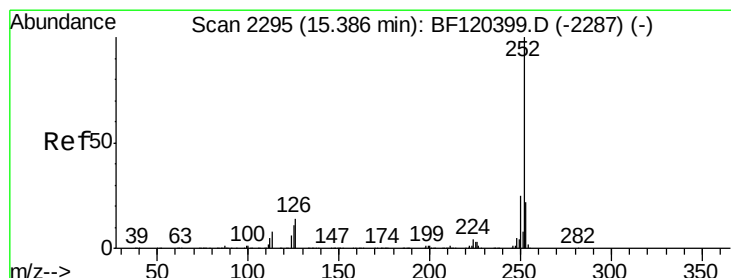
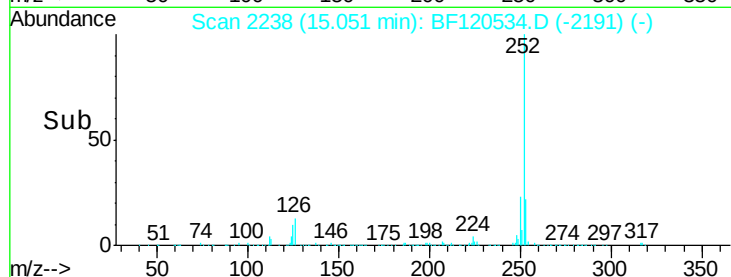
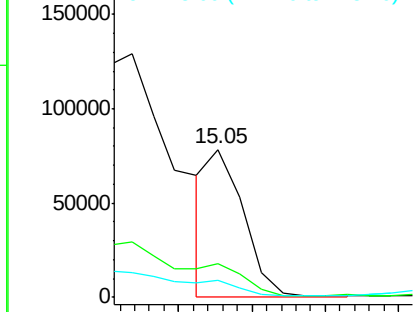
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.5	7.5	11.3

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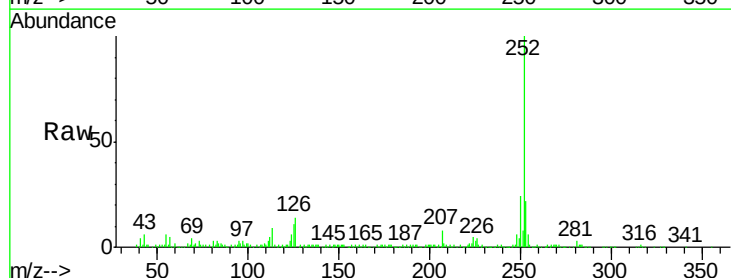


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

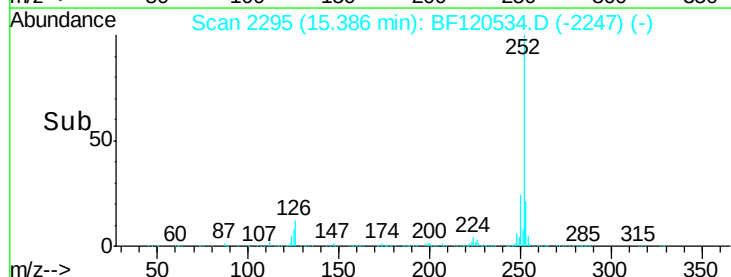
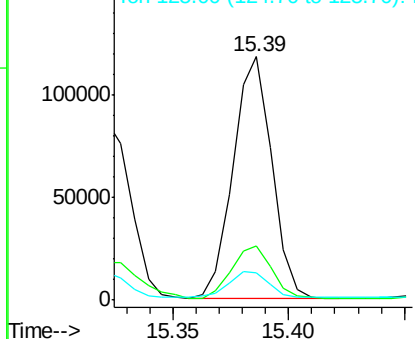


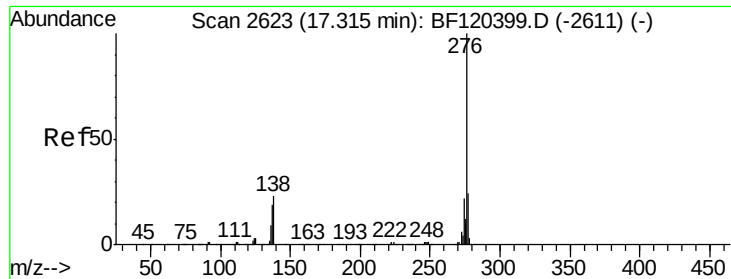
#90
Benzo(a)pyrene
Concen: 6.075 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120534.D
Acq: 4 Jun 2020 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	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





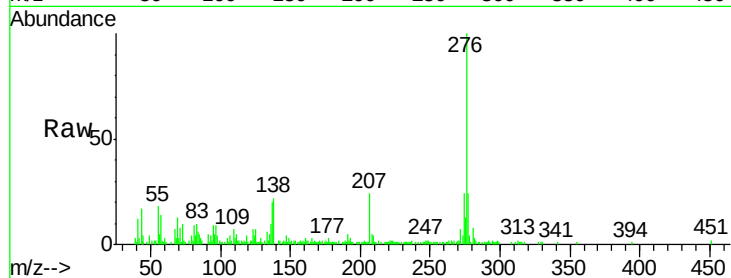
#92
 Benzo(a,h,i)perylene
 Concen: 3.810 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.04 min
 Lab File: BF120534.D
 Acq: 4 Jun 2020 15:33

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP06-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	21.9	16.6	25.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

