

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120542.D
 Acq On : 4 Jun 2020 19:17
 Operator : JU/CG
 Sample : L2839-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP05-2020-0-6

Manual Integrations
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mohammad
 6/5/2020 11:57:55 AM

Quant Time: Jun 05 00:48:28 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	203765	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	742829	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	354288	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	566713	20.00	ng	0.00
76) Chrysene-d12	14.00	240	426259	20.00	ng	0.00
86) Perylene-d12	15.45	264	379227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1068392	99.92	ng	0.00
7) Phenol-d6	6.46	99	1302161	98.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	844315	74.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	308120	93.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1490925	71.40	ng	0.00
79) Terphenyl-d14	12.94	244	1302018	67.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	287139	12.964	ng	99
71) Phenanthrene	11.37	178	261716	10.481	ng	99
72) Anthracene	11.43	178	65981	2.633	ng	98
75) Fluoranthene	12.57	202	452091	16.826	ng	97
78) Pyrene	12.80	202	407648	13.752	ng	98
81) Benzo(a)anthracene	13.99	228	221751	9.707	ng	98
83) Chrysene	14.02	228	206820	8.635	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	92492	4.459	ng	95
88) Benzo(b)fluoranthene	15.03	252	252006m	11.964	ng	
89) Benzo(k)fluoranthene	15.05	252	74815m	3.805	ng	
90) Benzo(a)pyrene	15.39	252	163709	8.886	ng	98
92) Benzo(a,h,i)perylene	17.33	276	83814	5.025	ng	96

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

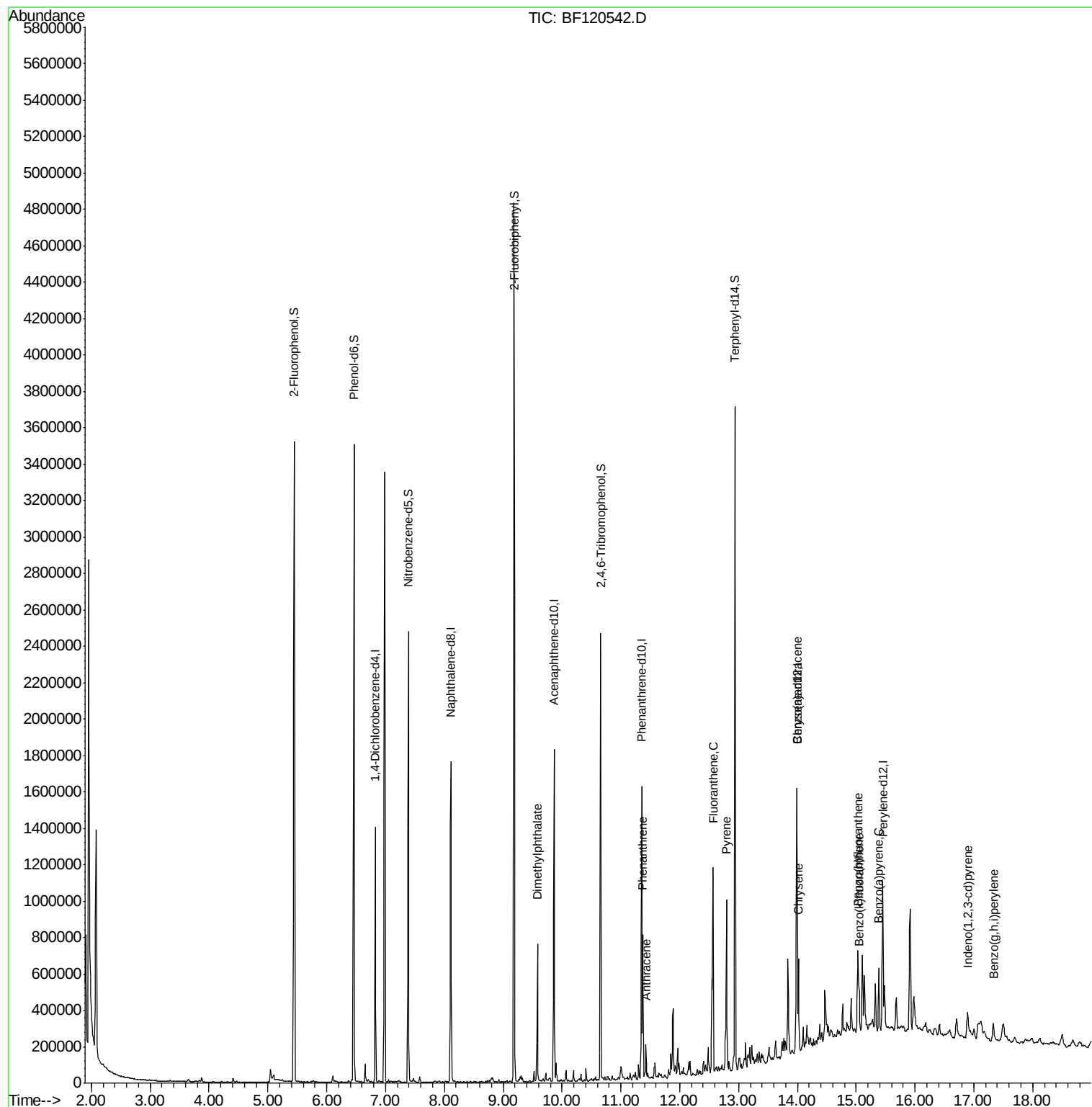
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120542.D
Acq On : 4 Jun 2020 19:17
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

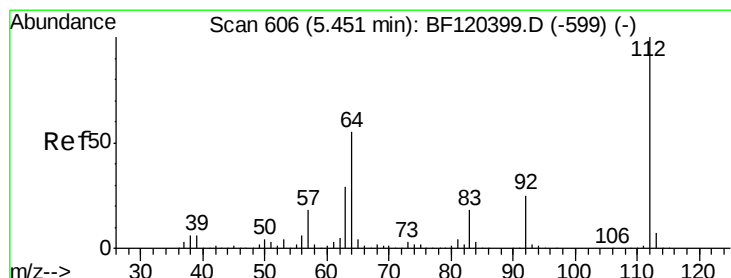
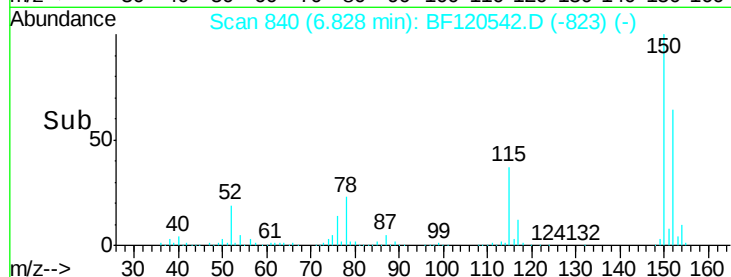
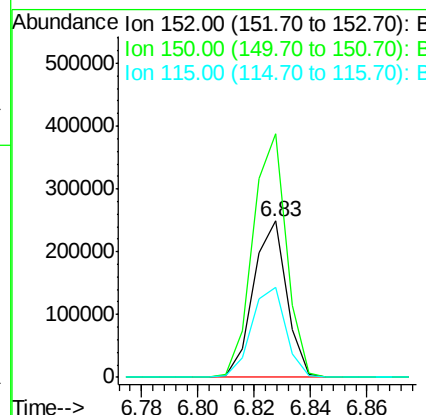
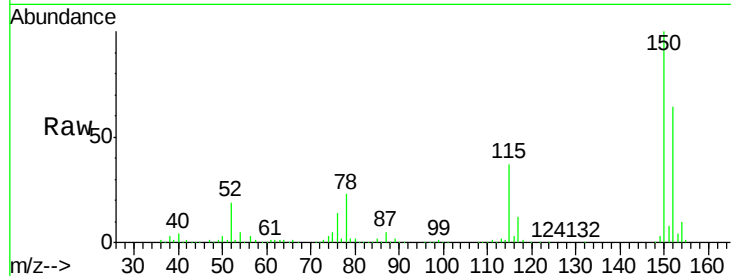
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.3	189.5
115	57.9	48.1	72.1

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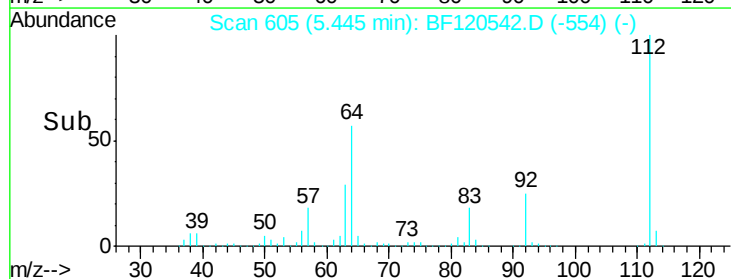
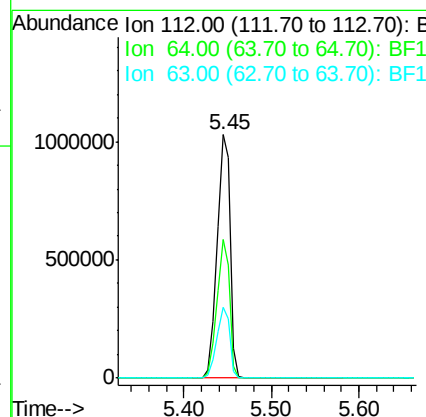
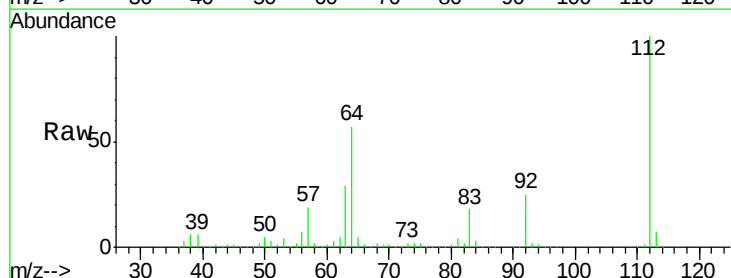
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#5

2-Fluorophenol
Concen: 99.923 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.2	70.8
63	29.2	24.7	37.1





#7

Phenol-d6

Concen: 98.807 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120542.D

Acq: 4 Jun 2020 19:17

Instrument :

BNA_F

ClientSampleId :

NMDUP05-2020-0-6

Tot Ion: 99 Resp: 1302161

Ion Ratio Lower Upper

99 100

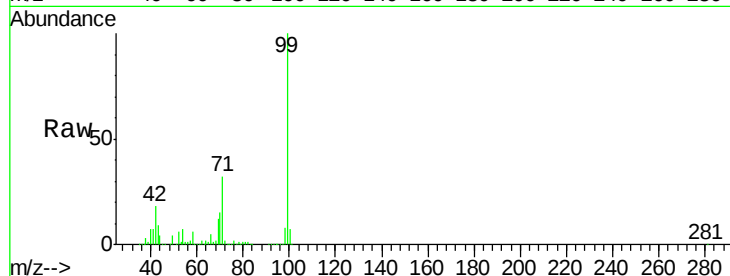
42 18.4 15.0 22.6

71 31.7 27.0 40.4

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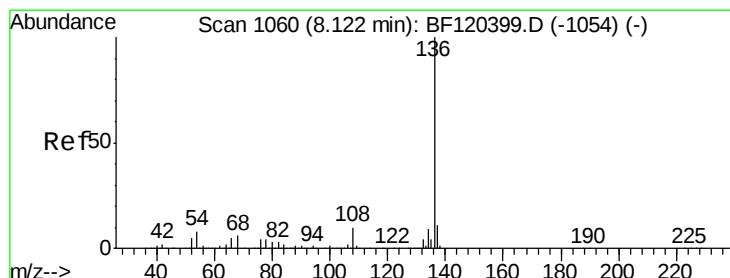
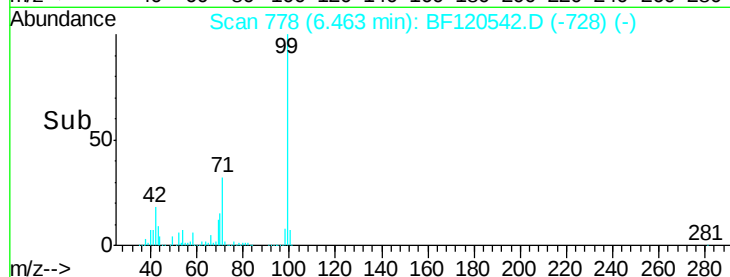
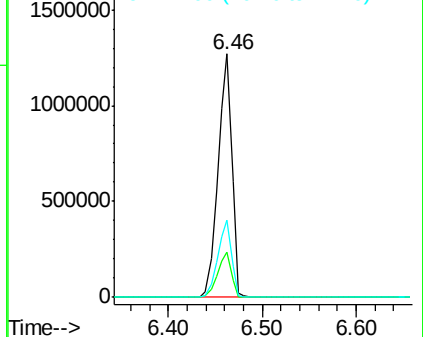
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120542.D

Acq: 4 Jun 2020 19:17

Tgt Ion: 136 Resp: 742829

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 5.4 8.0

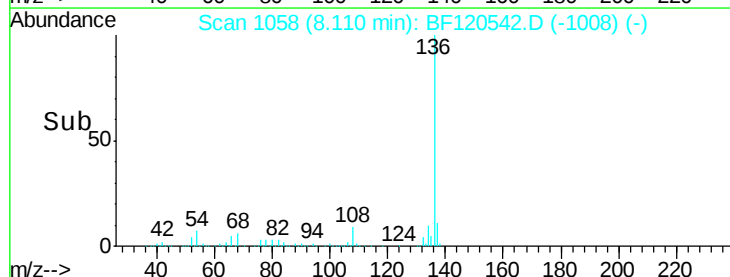
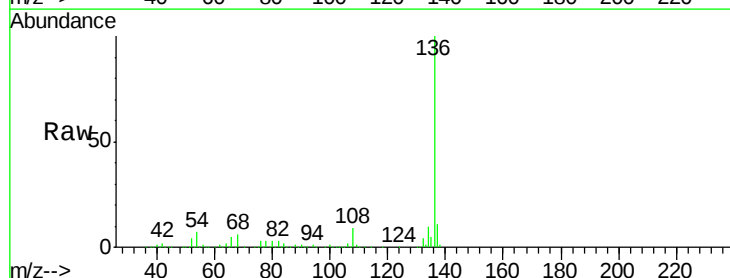
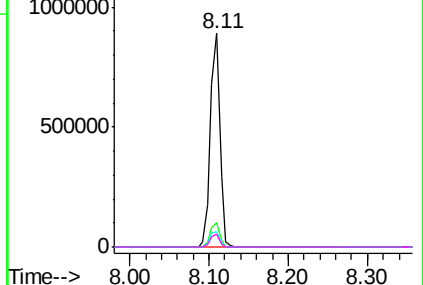
68 5.9 4.3 6.5

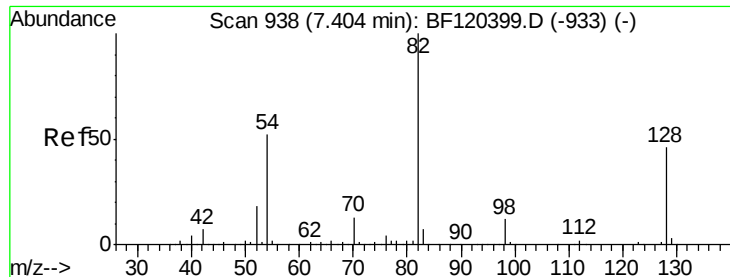
Abundance Ion 136.00 (135.70 to 136.70): E

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





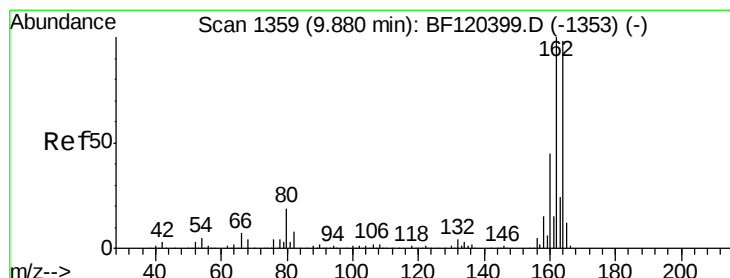
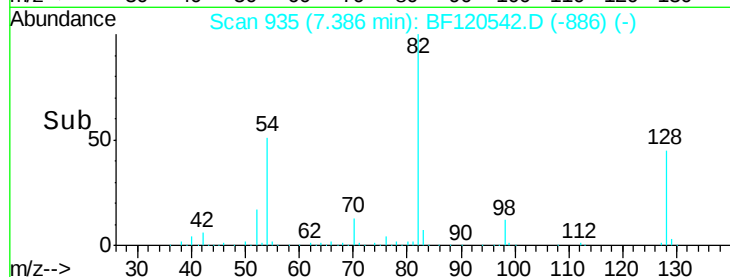
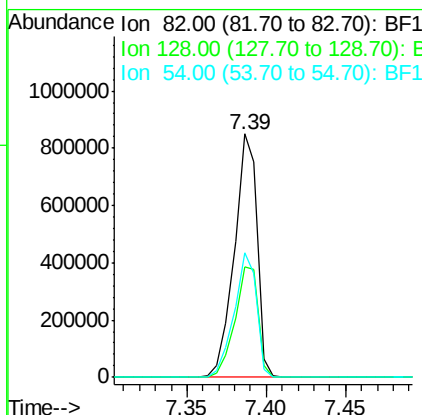
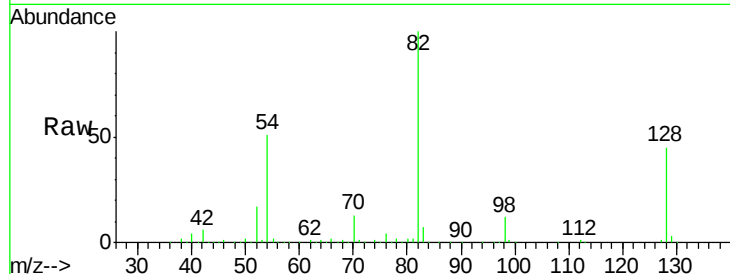
#23
Nitrobenzene-d5
Concen: 74.350 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.7	55.1
54	51.1	40.0	60.0

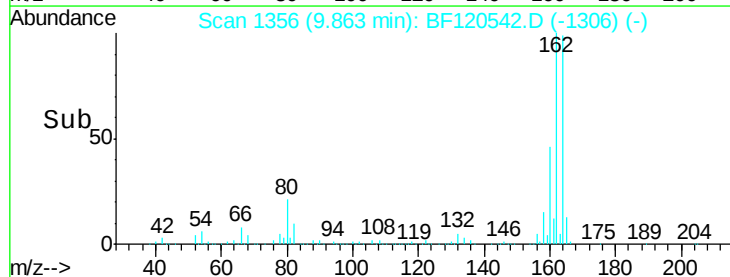
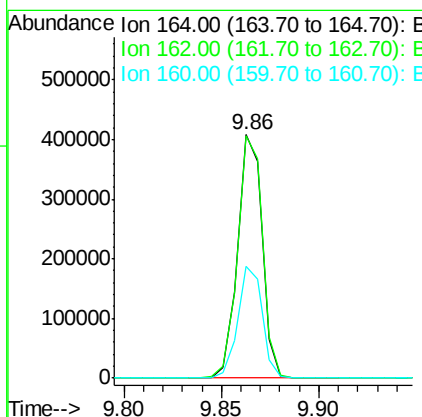
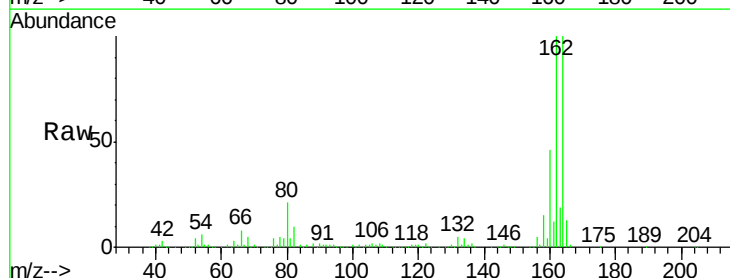
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.2	121.8
160	45.7	37.0	55.4





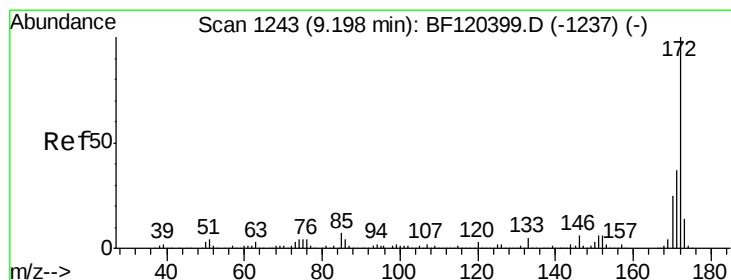
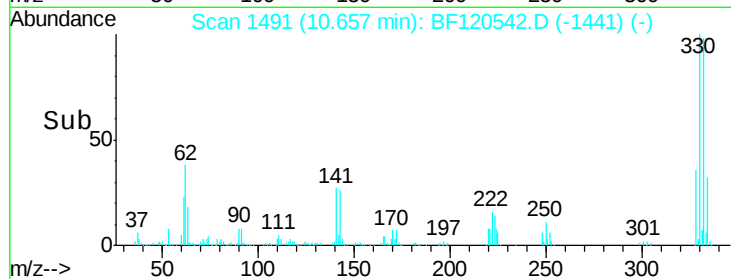
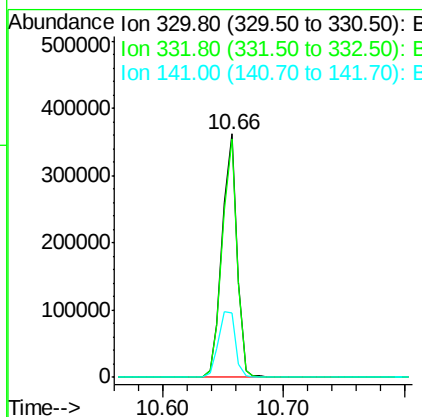
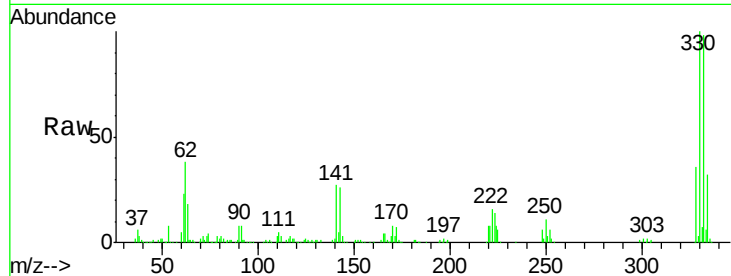
#42
 2,4,6-Tribromophenol
 Concen: 93.864 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120542.D
 Acq: 4 Jun 2020 19:17

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP05-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	308120		
332	97.3		77.0	115.4
141	30.6		23.8	35.8

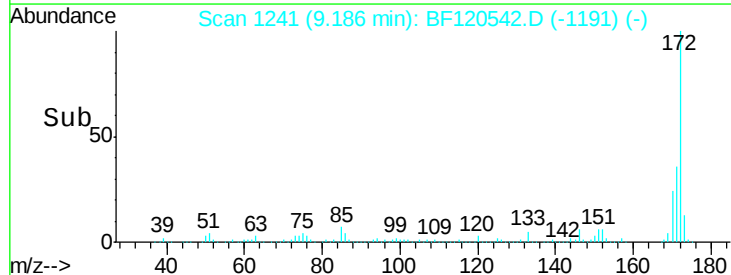
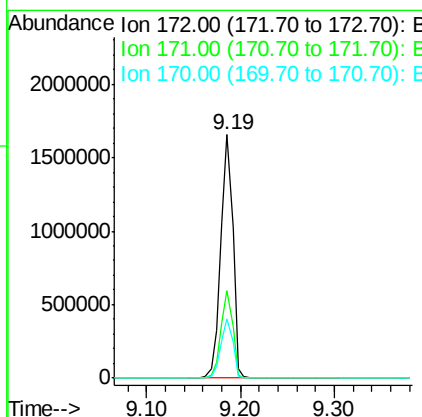
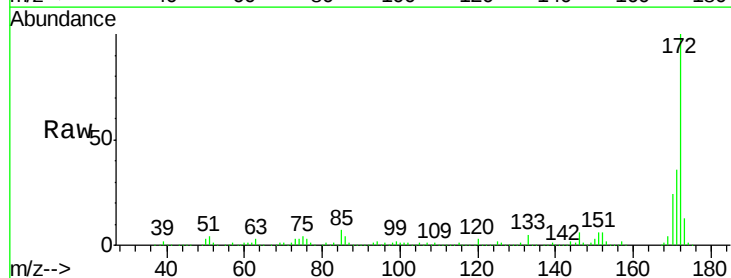
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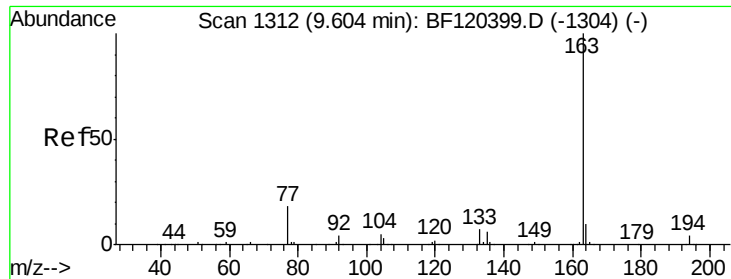
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#45
 2-Fluorobiphenyl
 Concen: 71.401 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120542.D
 Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1490925		
171	35.9		29.5	44.3
170	24.4		19.8	29.6





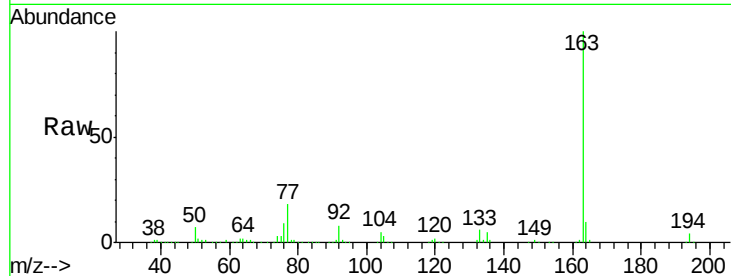
#50
Dimethylphthalate
Concen: 12.964 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

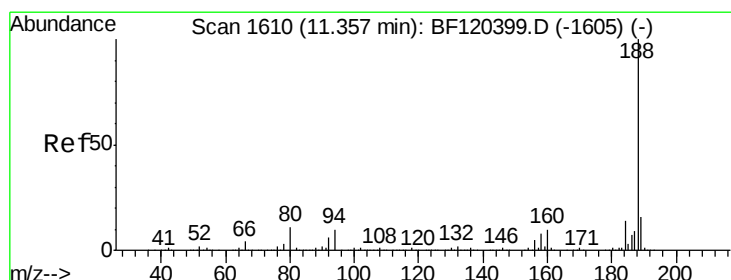
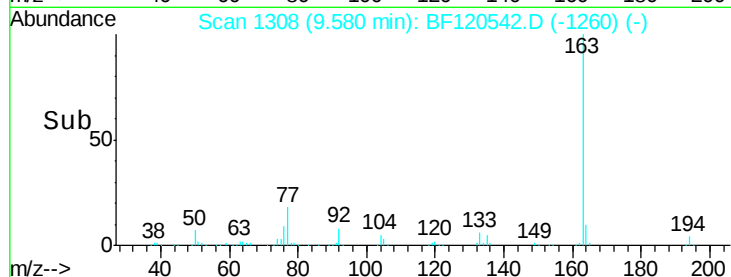
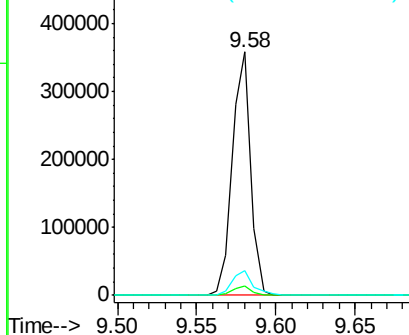
Tot Ion	Ratio	Resp	Lower	Upper
163	100	287139		
194	3.9		3.1	4.7
164	10.3		8.0	12.0

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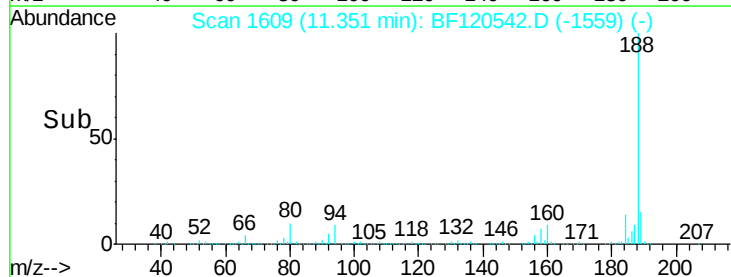
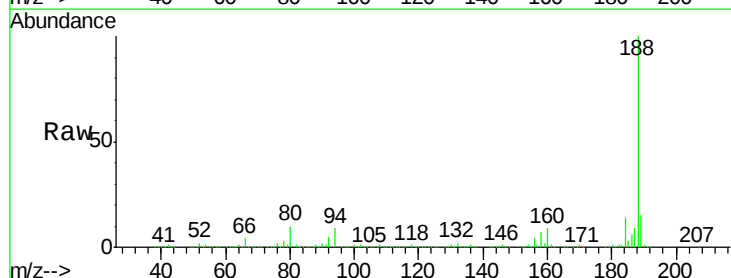
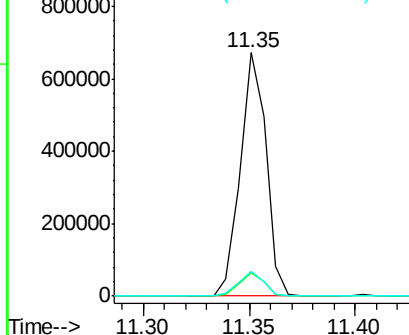
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

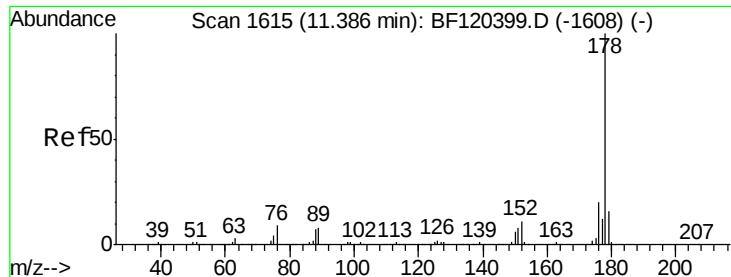


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	566713		
94	9.4		7.4	11.2
80	10.2		7.6	11.4

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





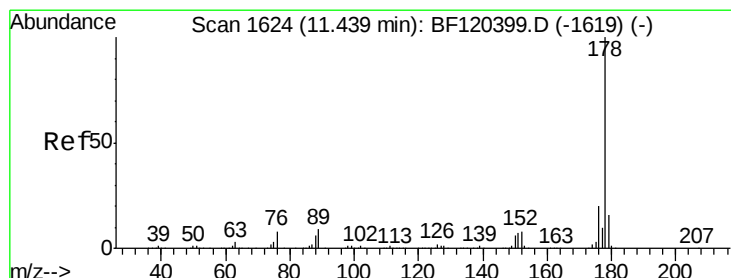
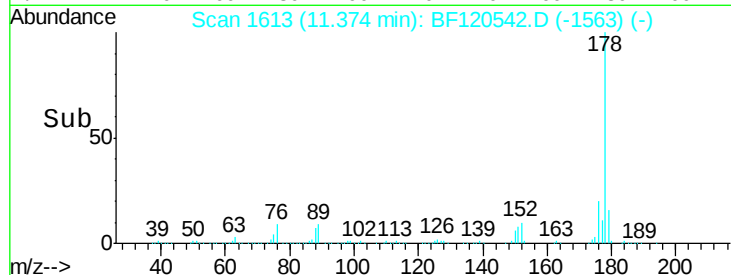
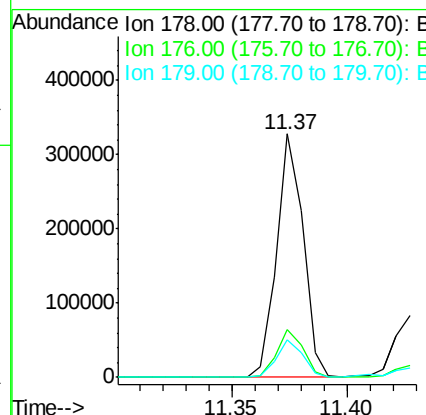
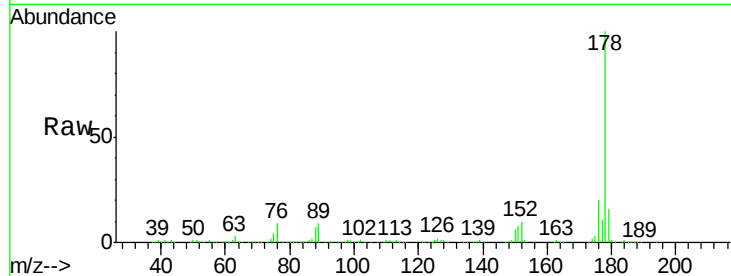
#71
Phenanthrene
Concen: 10.481 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.6	12.8	19.2

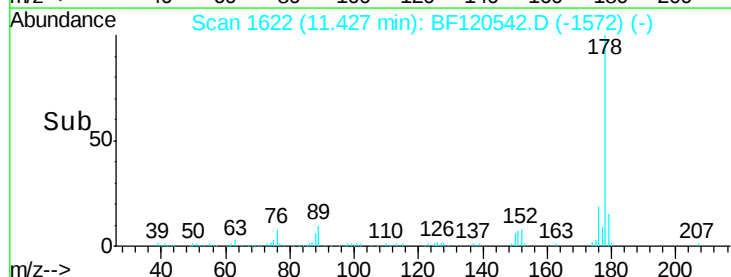
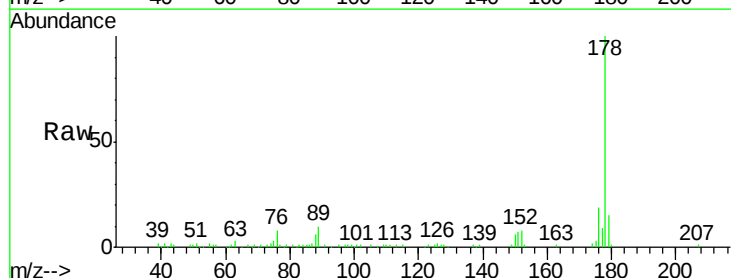
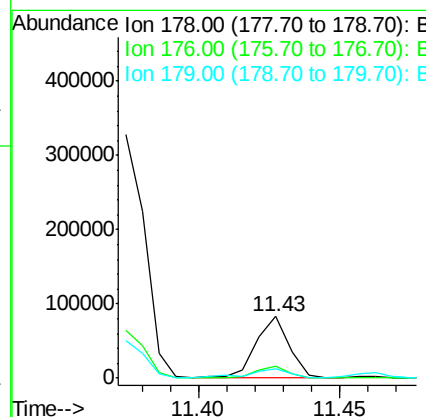
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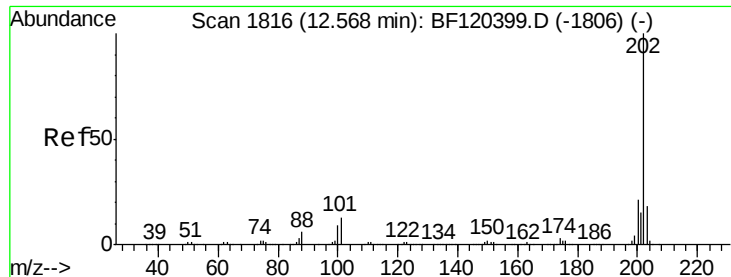
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#72
Anthracene
Concen: 2.633 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.2	12.9	19.3





#75

Fluoranthene

Concen: 16.826 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF120542.D

Acq: 4 Jun 2020 19:17

Instrument :

BNA_F

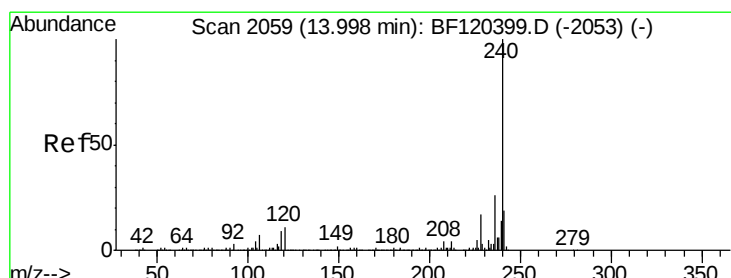
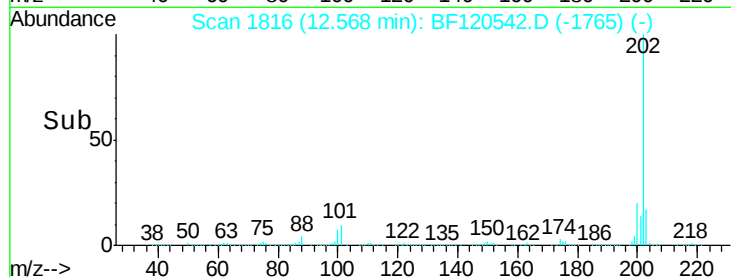
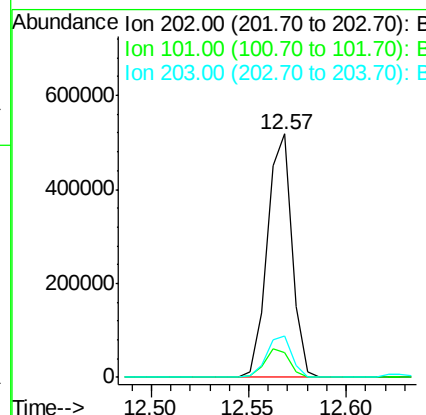
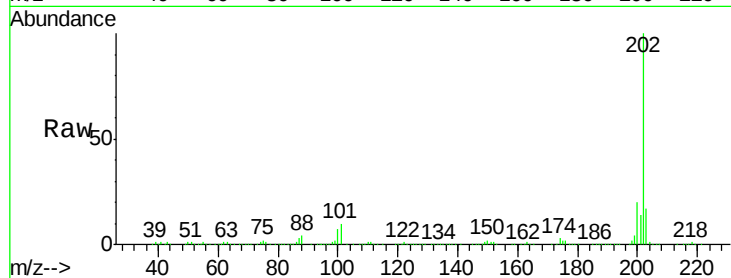
ClientSampleId :

NMDUP05-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	452091		
101	10.2	0.0	31.3	
203	17.3	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

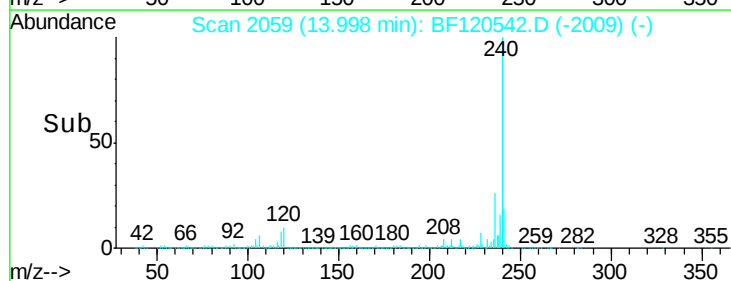
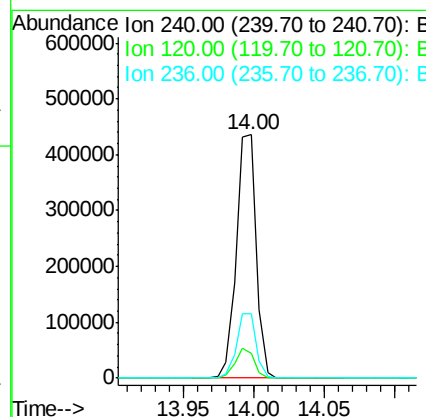
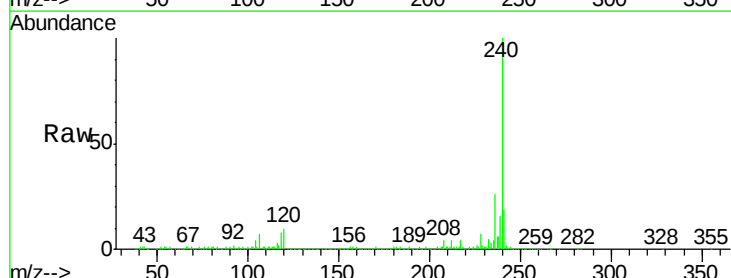
RT: 14.00 min Scan# 2059

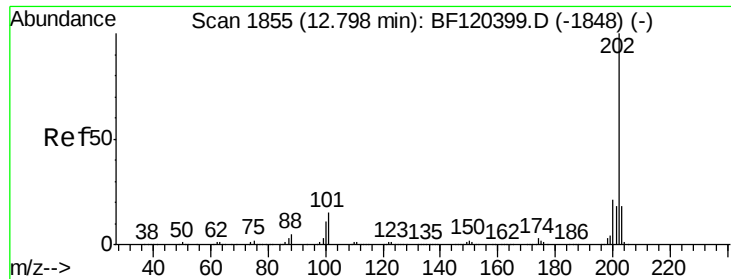
Delta R.T. -0.01 min

Lab File: BF120542.D

Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	426259		
120	10.4	7.7	11.5	
236	26.3	20.8	31.2	





#78

Pvrene

Concen: 13.752 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF120542.D

Acq: 4 Jun 2020 19:17

Instrument :

BNA_F

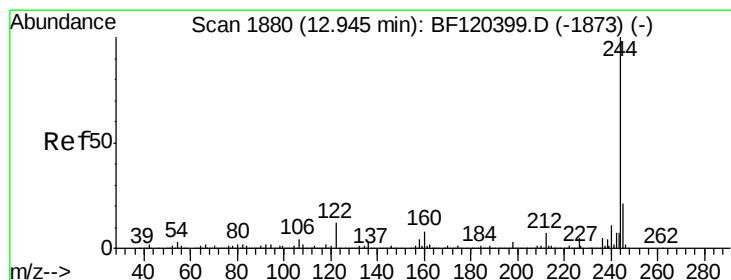
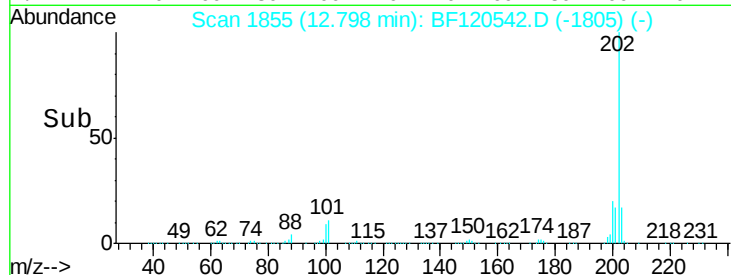
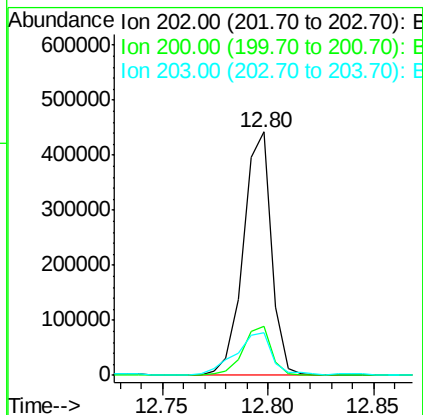
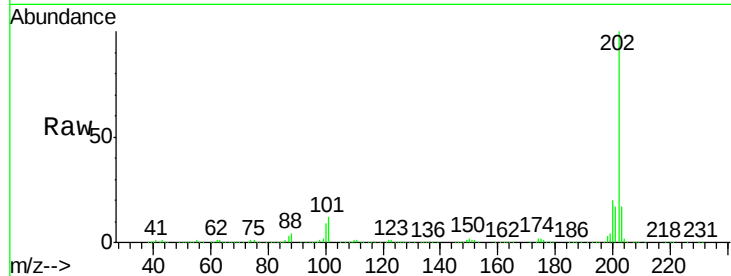
ClientSampleId :

NMDUP05-2020-0-6

Tot Ion:	202	Resp:	407648
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.0	25.6
203	17.4	14.2	21.2

Manual Integrations
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#79

Terphenyl-d14

Concen: 67.970 ng

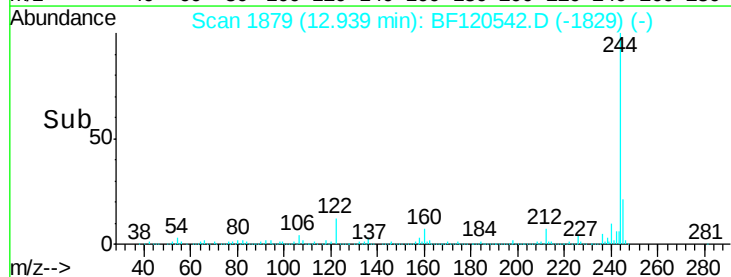
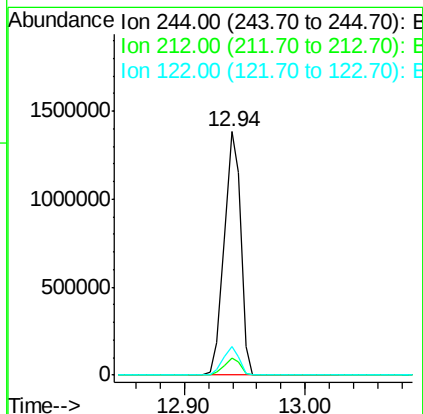
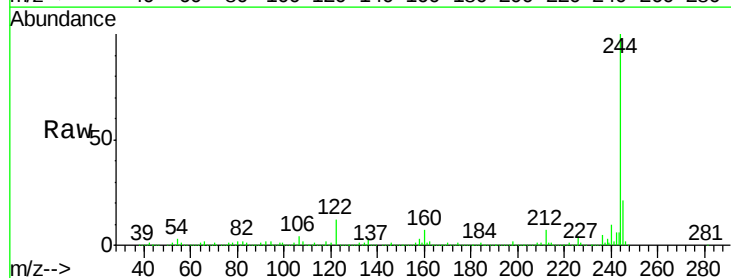
RT: 12.94 min Scan# 1879

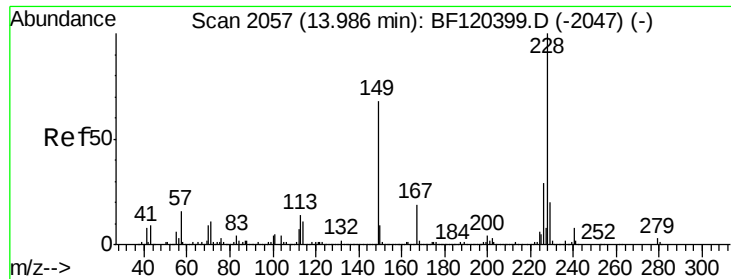
Delta R.T. -0.01 min

Lab File: BF120542.D

Acq: 4 Jun 2020 19:17

Tgt Ion:	244	Resp:	1302018
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	11.9	8.0	12.0





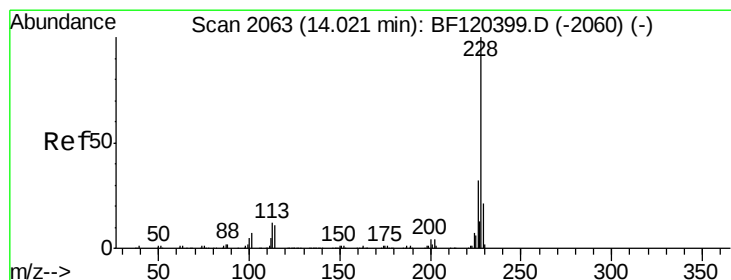
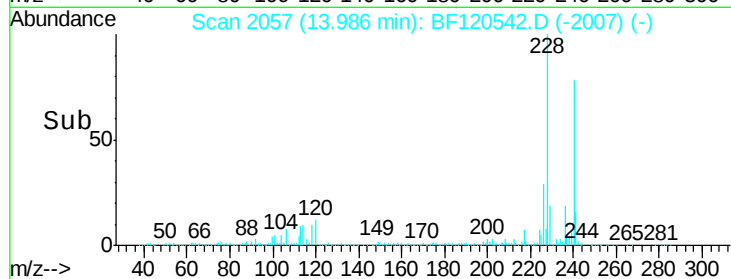
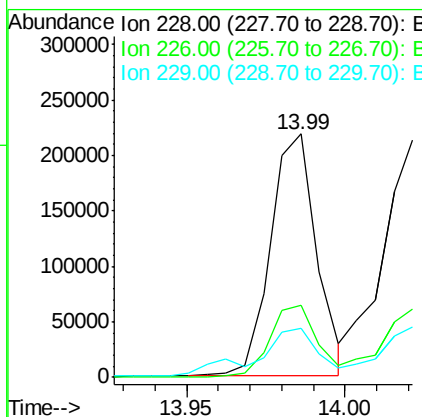
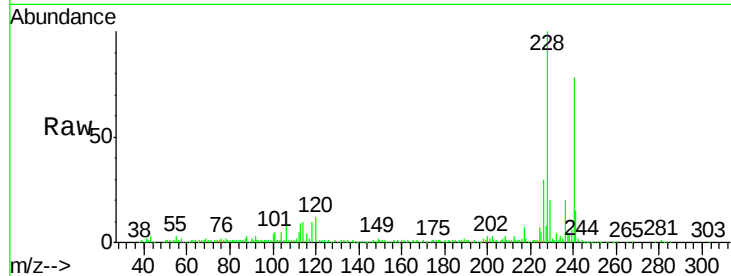
#81
Benzo(a)anthracene
Concen: 9.707 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.4	33.6
229	20.1	16.2	24.2

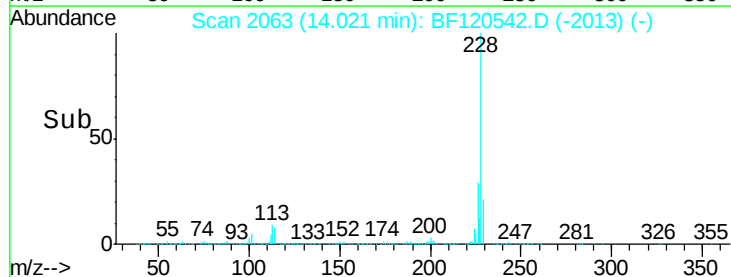
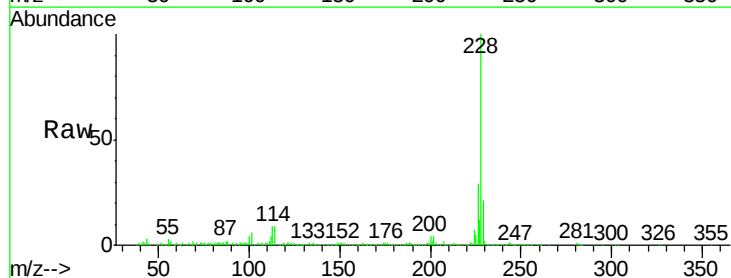
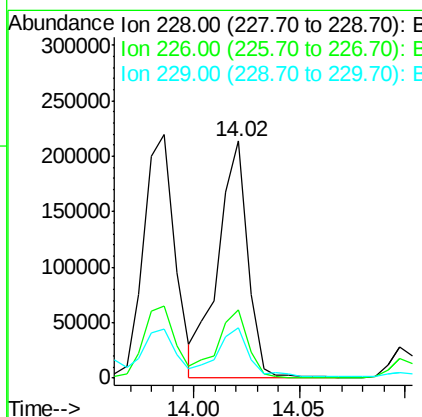
Manual Integrations
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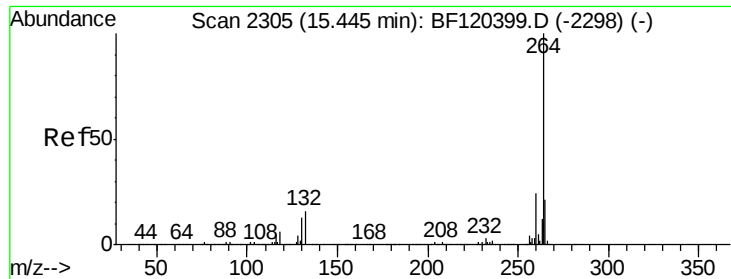
mohammad
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#83
Chrysene
Concen: 8.635 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.6	38.4
229	21.4	16.2	24.2





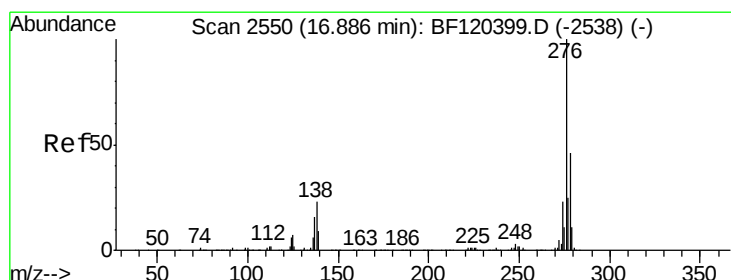
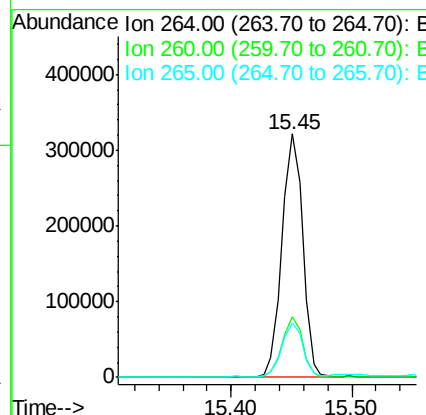
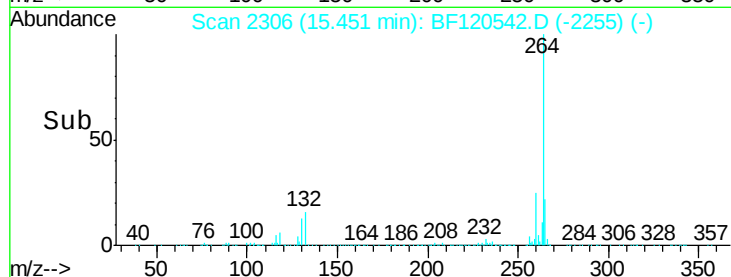
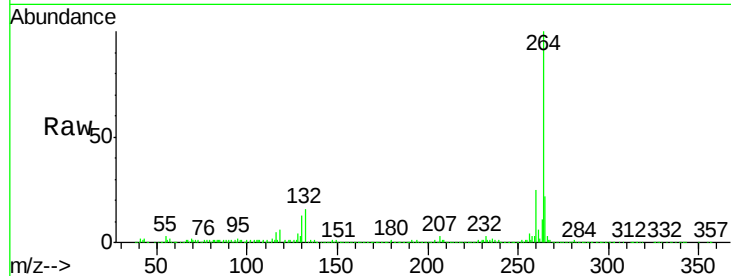
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.3	17.5	26.3

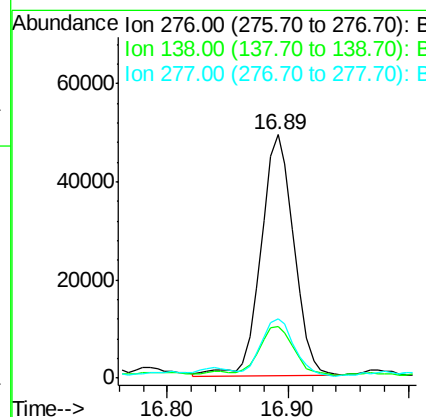
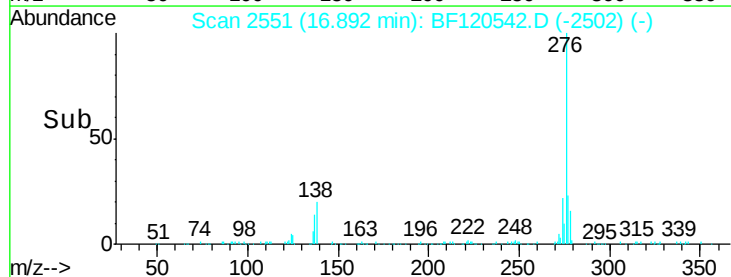
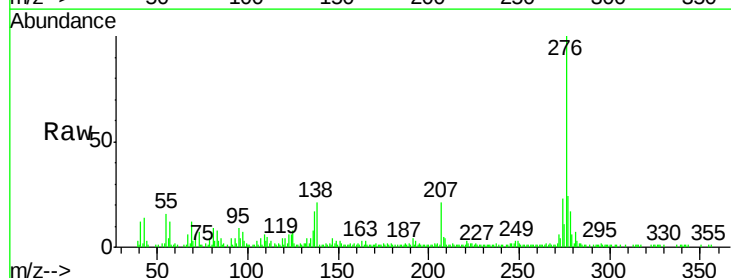
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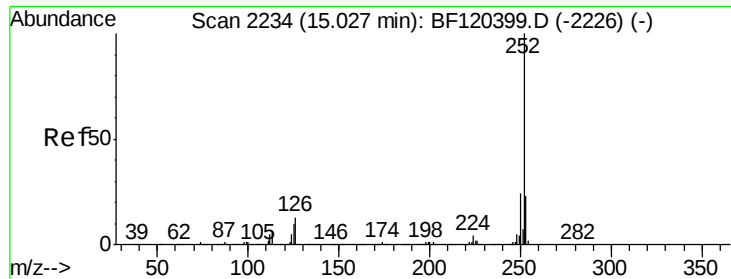
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.459 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.2	28.8
277	23.9	20.3	30.5





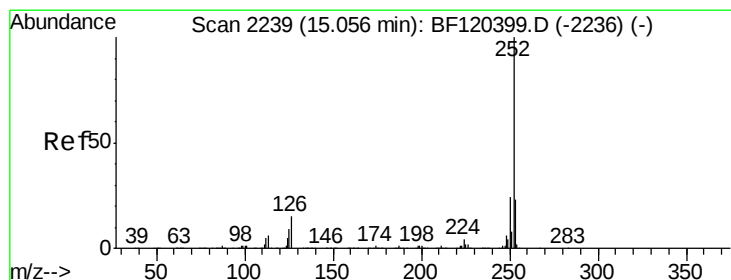
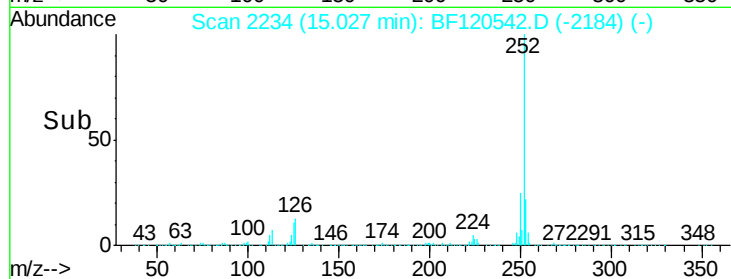
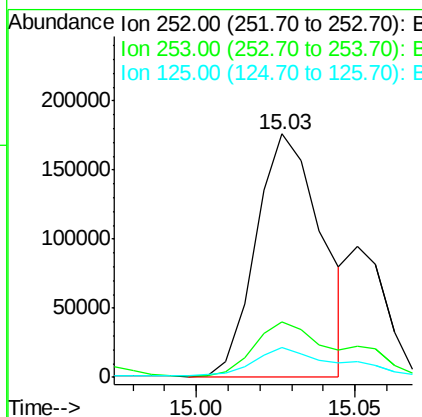
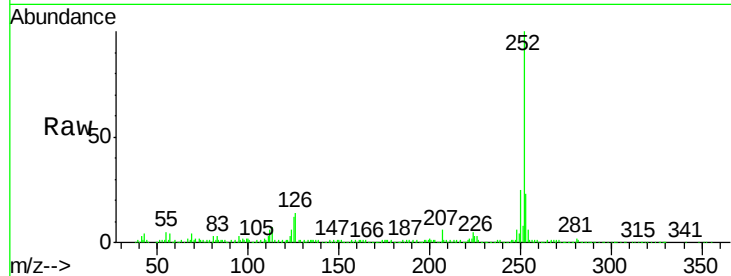
#88
Benzo(b)fluoranthene
Concen: 11.964 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.0	8.3	12.5

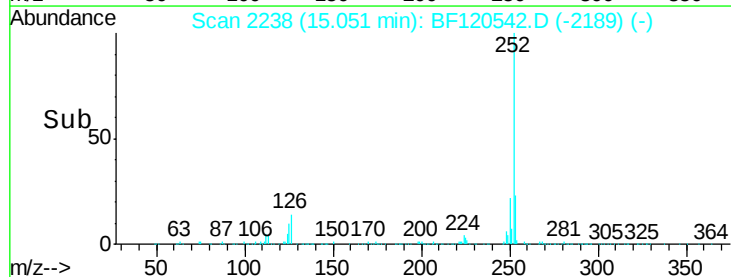
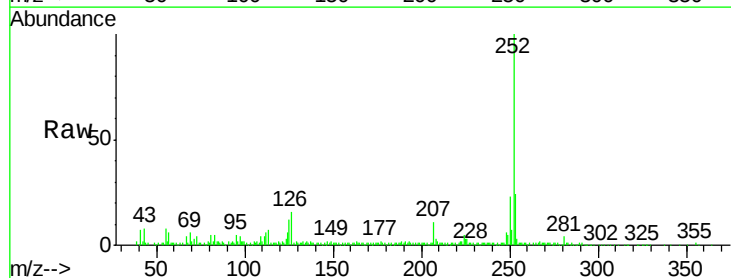
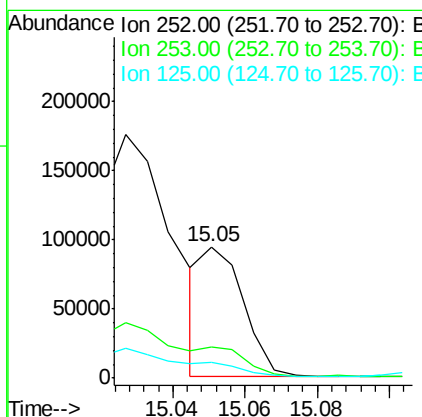
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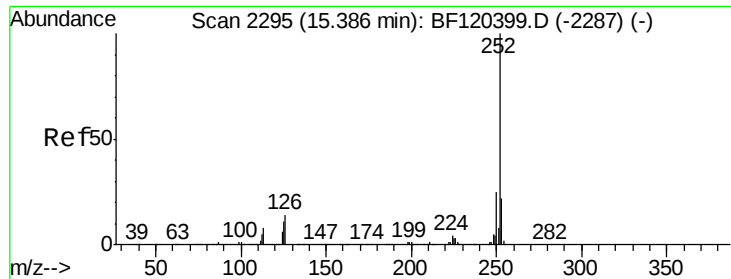
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.805 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	12.1	8.6	13.0





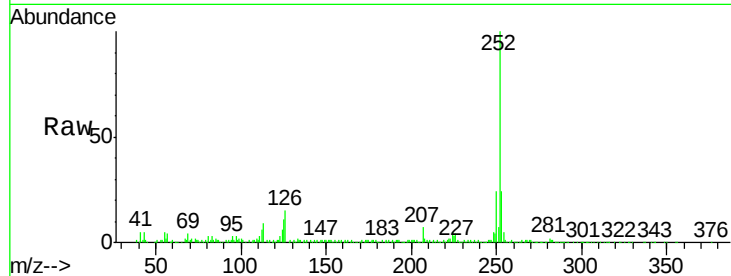
#90
Benzo(a)pyrene
Concen: 8.886 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

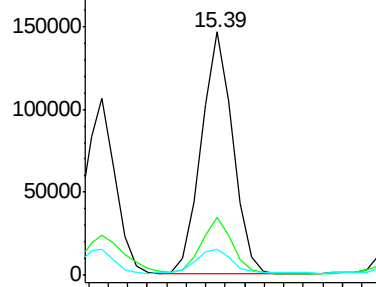
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	10.8	9.6	14.4

Manual Integrations
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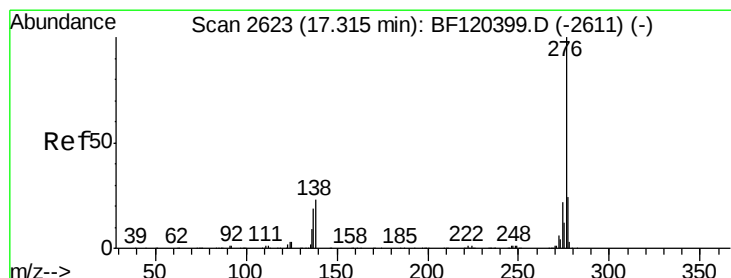
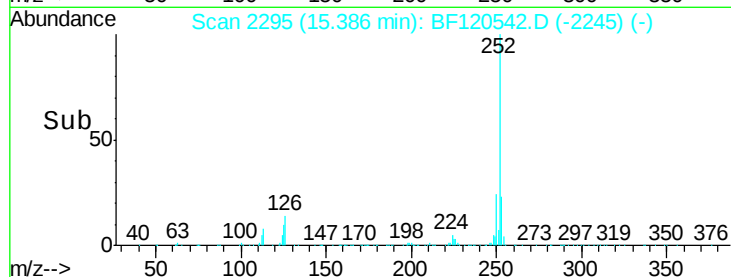
mohammad
6/5/2020 11:57:55 AM



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



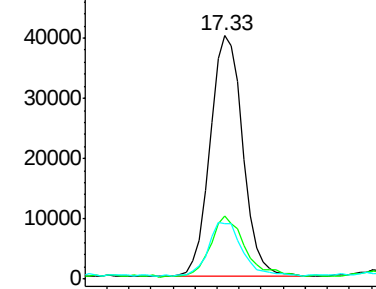
Time-->



#92
Benzo(g,h,i)perylene
Concen: 5.025 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF120542.D
Acq: 4 Jun 2020 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.3	28.9
138	22.8	16.9	25.3

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



Time-->

