

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120429.D
 Acq On : 29 May 2020 1:14
 Operator : MA/SJ
 Sample : L2744-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM44-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 05:58:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	269922	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	918103	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	395911	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	625900	20.00	ng	0.00
76) Chrysene-d12	14.00	240	514395	20.00	ng	0.00
86) Perylene-d12	15.45	264	426089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1344491	94.93	ng	0.00
7) Phenol-d6	6.47	99	1648055	94.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	1001208	71.33	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	336568	91.75	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1755216	75.22	ng	0.00
79) Terphenyl-d14	12.94	244	1537694	66.52	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	399857	16.15	ng	99
71) Phenanthrene	11.39	178	211846	7.68	ng	97
72) Anthracene	11.43	178	62008	2.24	ng	98
75) Fluoranthene	12.57	202	541777	18.26	ng	96
78) Pyrene	12.80	202	633730	17.72	ng	98
81) Benzo(a)anthracene	13.99	228	358361	13.00	ng	99
83) Chrysene	14.02	228	316036	10.93	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	141981	6.09	ng	96
88) Benzo(b)fluoranthene	15.03	252	378596m	16.00	ng	
89) Benzo(k)fluoranthene	15.06	252	83969m	3.80	ng	
90) Benzo(a)pyrene	15.39	252	260549	12.59	ng	99
92) Benzo(g,h,i)perylene	17.33	276	143787	7.67	ng	99

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

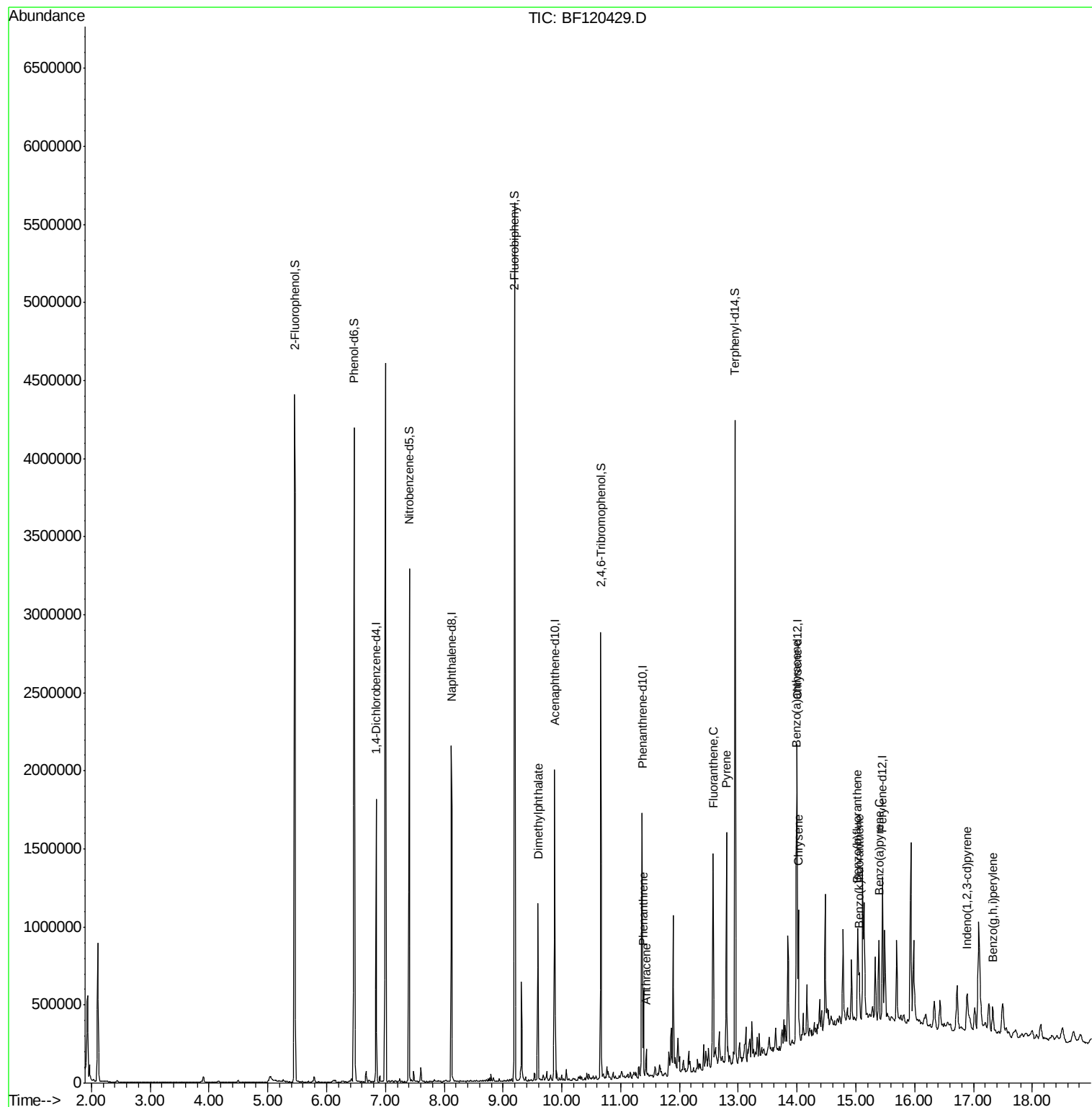
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120429.D
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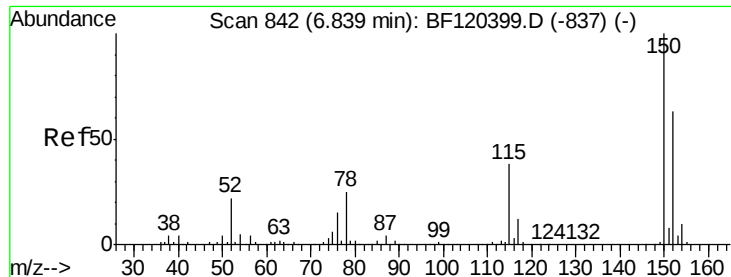
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120429.D

Acq: 29 May 2020 1:14

Instrument :

BNA_F

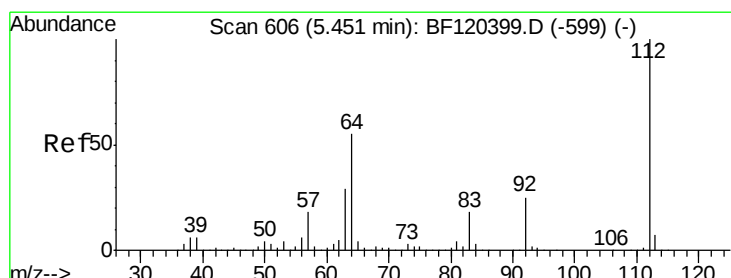
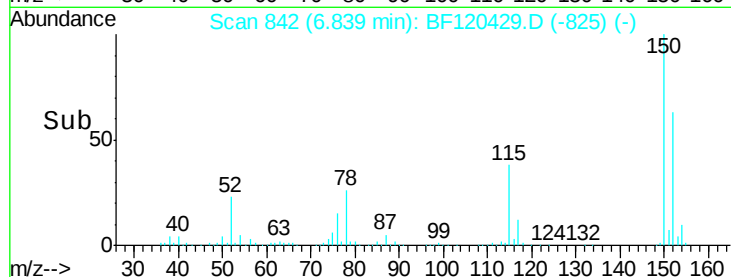
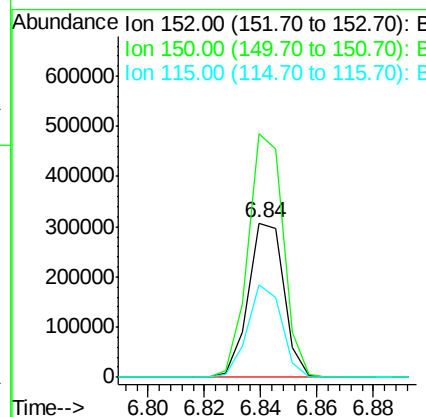
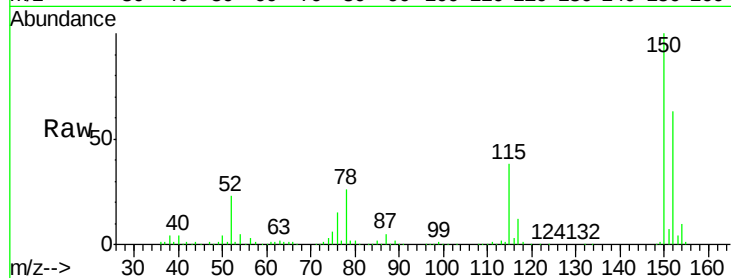
ClientSampleId :

NM44-COMP-2020-0-6

Tgt Ion:	152	Resp:	269922
Ion Ratio	Lower	Upper	
152	100		
150	157.5	126.5	189.7
115	60.3	47.6	71.4

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#5

2-Fluorophenol

Concen: 94.93 ng

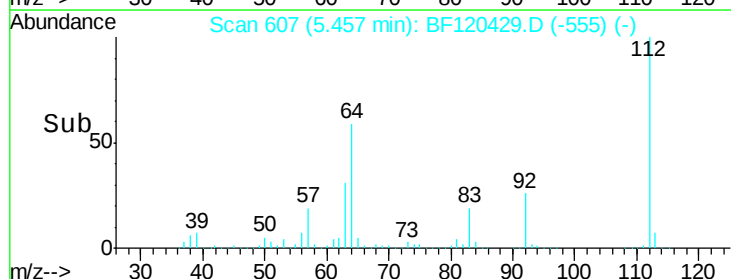
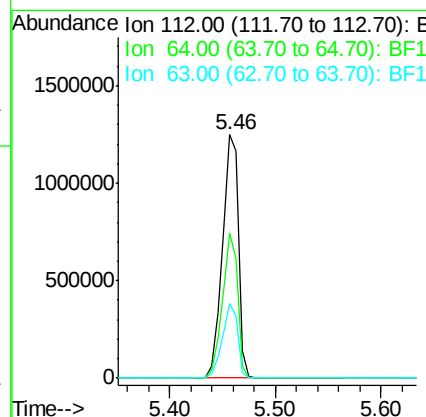
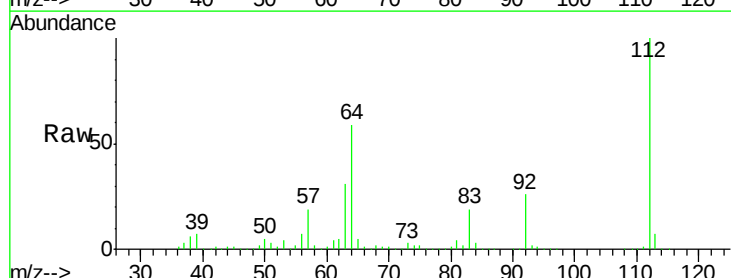
RT: 5.46 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF120429.D

Acq: 29 May 2020 1:14

Tgt Ion:	112	Resp:	1344491
Ion Ratio	Lower	Upper	
112	100		
64	59.5	44.3	66.5
63	30.8	22.9	34.3





#7

Phenol-d6

Concen: 94.40 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120429.D

Acq: 29 May 2020 1:14

Instrument :

BNA_F

ClientSampleId :

NM44-COMP-2020-0-6

Tgt Ion: 99 Resp: 1648055

Ion Ratio Lower Upper

99 100

42 19.6 15.2 22.8

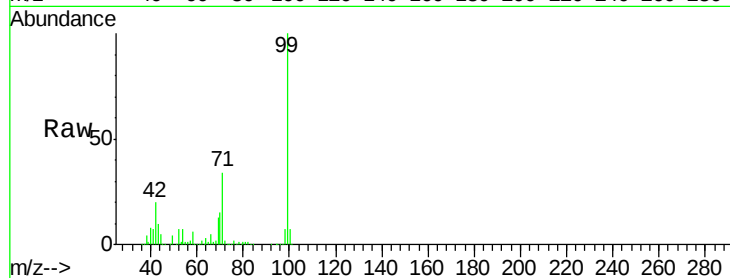
71 33.8 25.6 38.4

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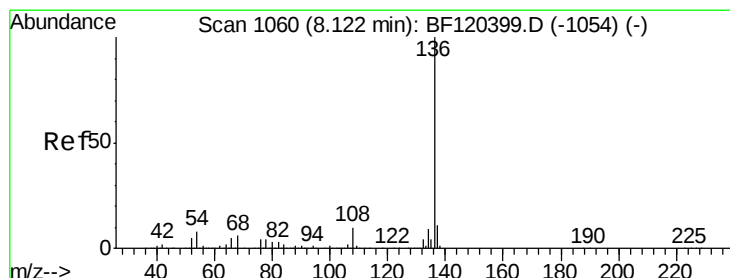
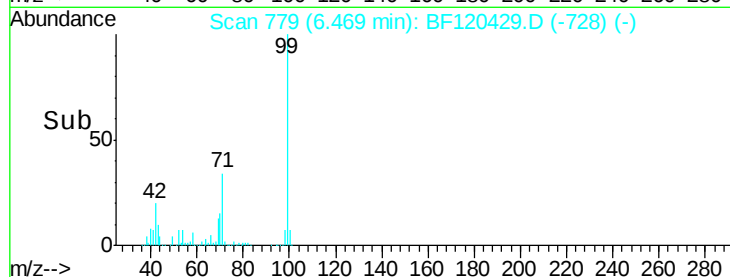
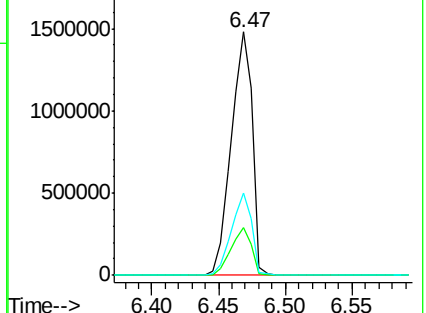
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120429.D

Acq: 29 May 2020 1:14

Tgt Ion: 136 Resp: 918103

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.3 6.7 10.1

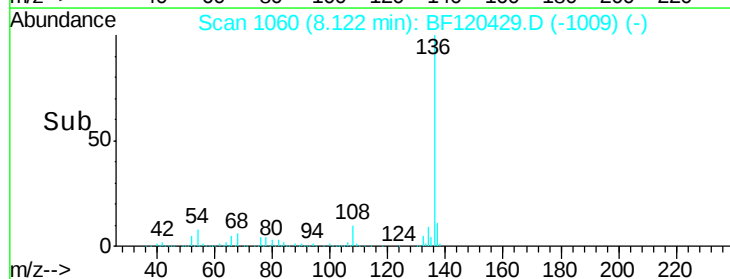
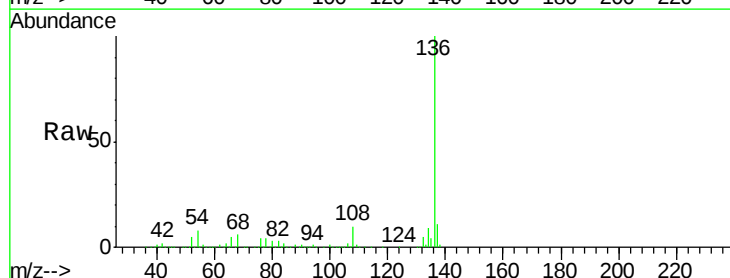
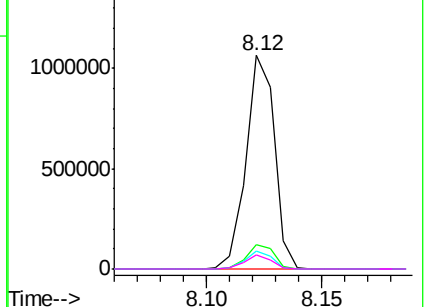
68 6.4 5.0 7.4

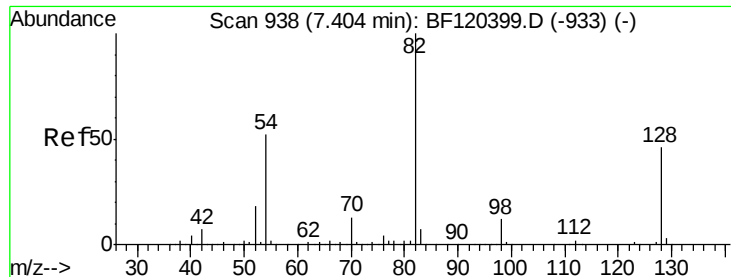
Abundance Ion 136.00 (135.70 to 136.70): E

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





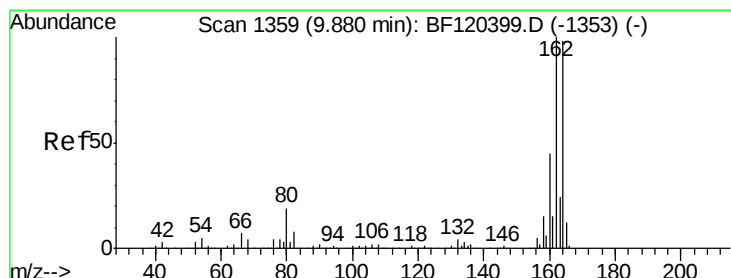
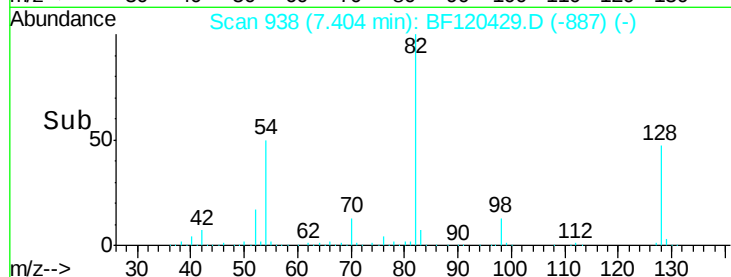
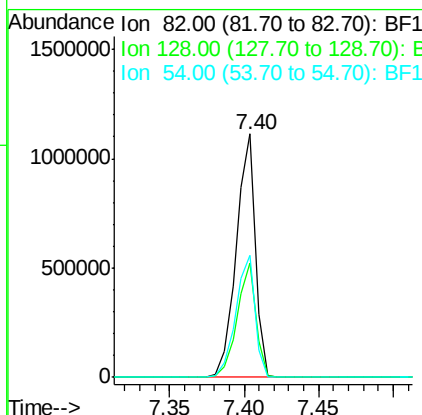
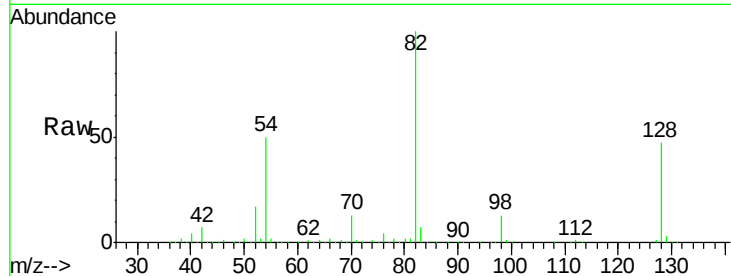
#23
 Nitrobenzene-d5
 Concen: 71.33 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120429.D
 Acq: 29 May 2020 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NM44-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.8	55.2
54	50.4	41.6	62.4

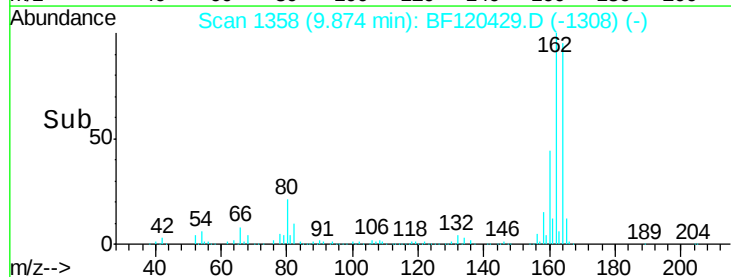
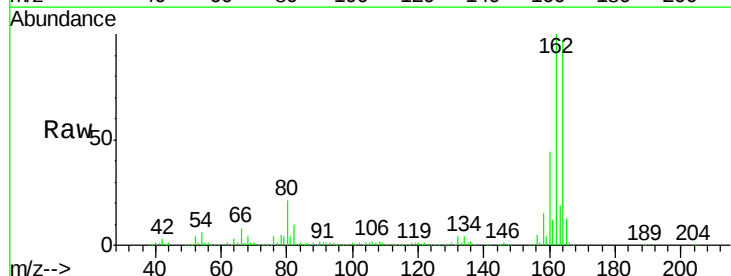
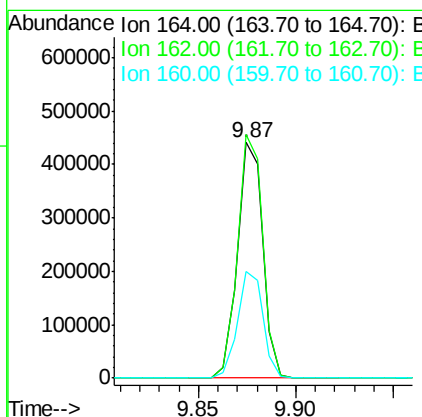
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120429.D
 Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	45.3	36.9	55.3





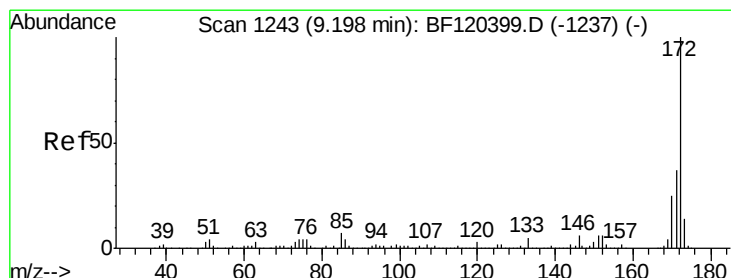
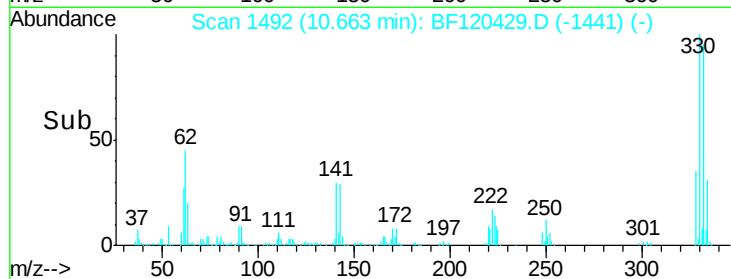
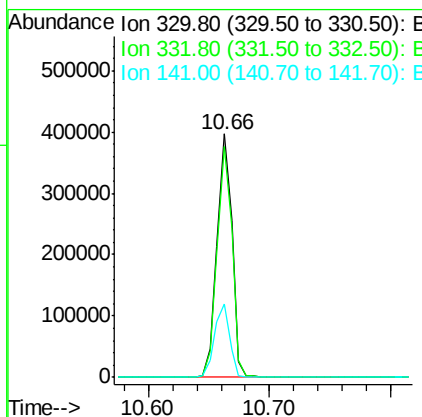
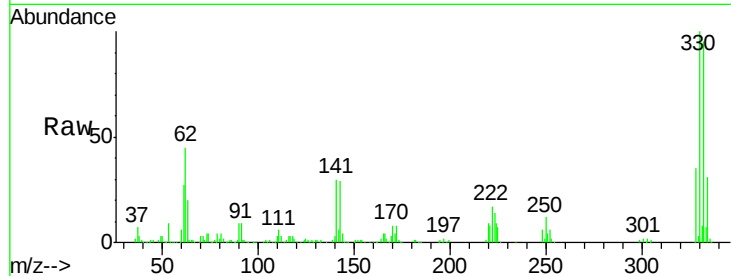
#42
 2,4,6-Tribromophenol
 Concen: 91.75 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120429.D
 Acq: 29 May 2020 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NM44-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336568		
332	94.8	77.0	115.6	
141	30.9	25.3	37.9	

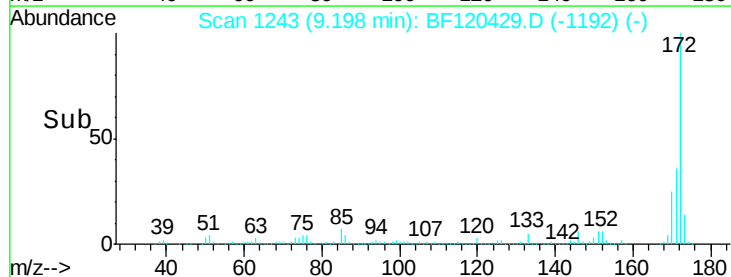
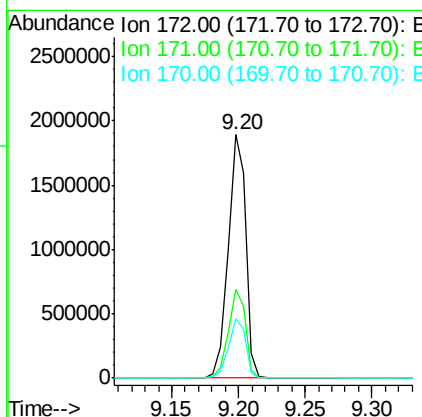
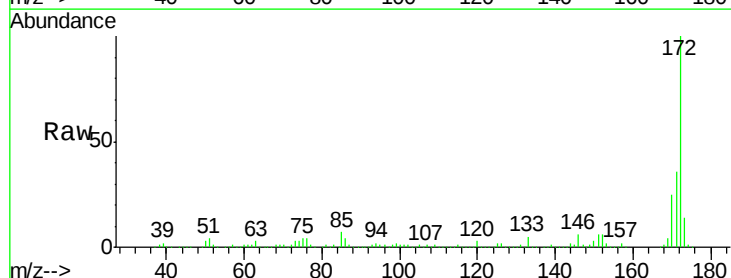
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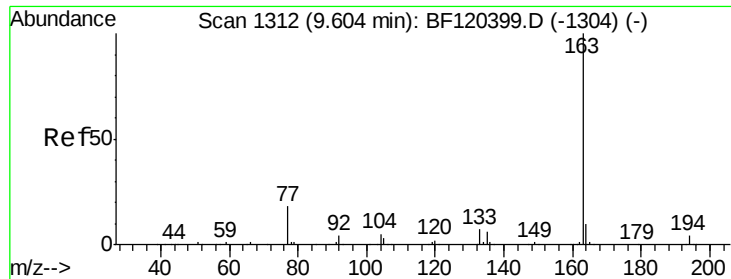
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#45
 2-Fluorobiphenyl
 Concen: 75.22 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120429.D
 Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1755216		
171	36.4	29.7	44.5	
170	24.5	19.9	29.9	





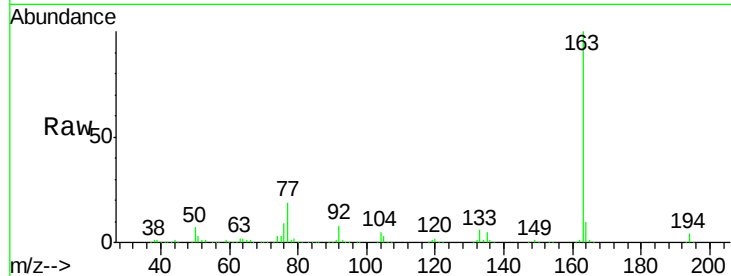
#50
Dimethylphthalate
Concen: 16.15 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
BNA_F
ClientSampleId :
NM44-COMP-2020-0-6

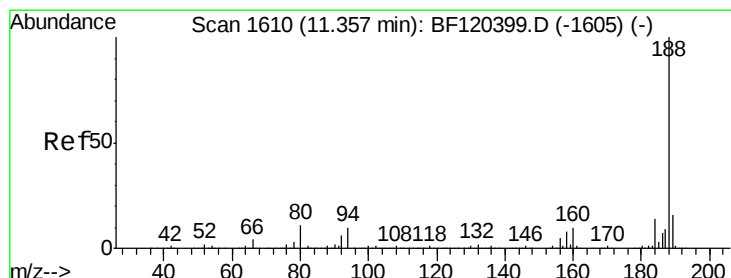
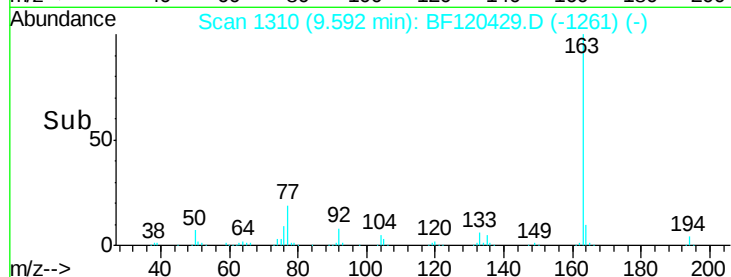
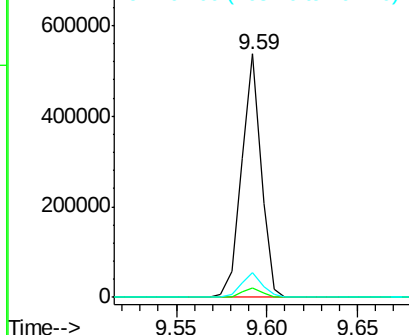
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	399857		
194	3.8		3.3	4.9
164	10.0		8.3	12.5

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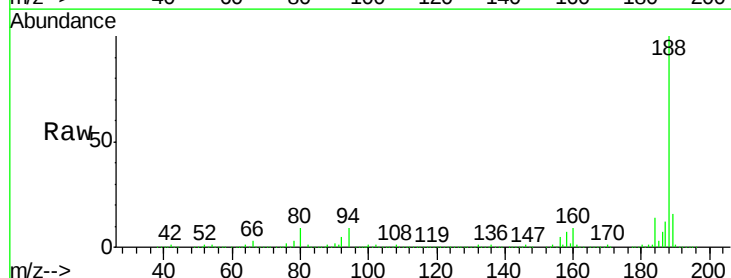


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

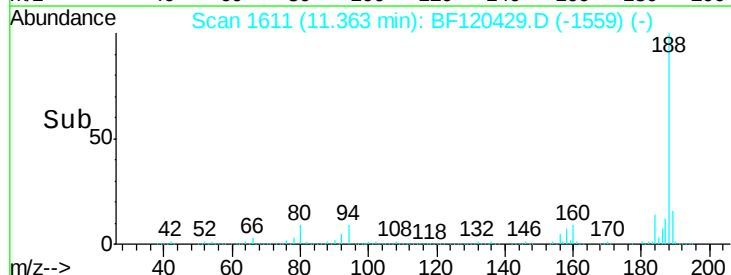
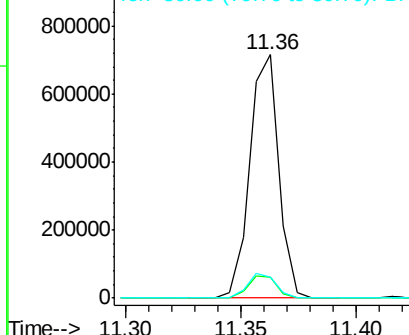


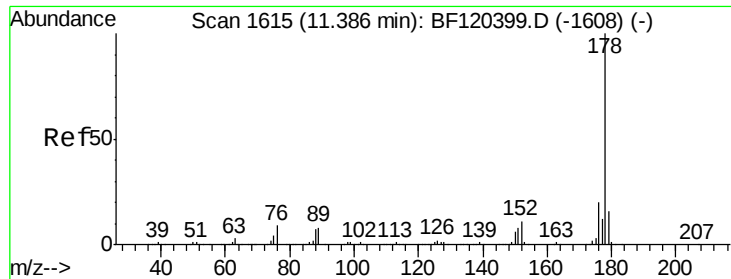
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	625900		
94	8.7		7.9	11.9
80	8.6		8.6	13.0#



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





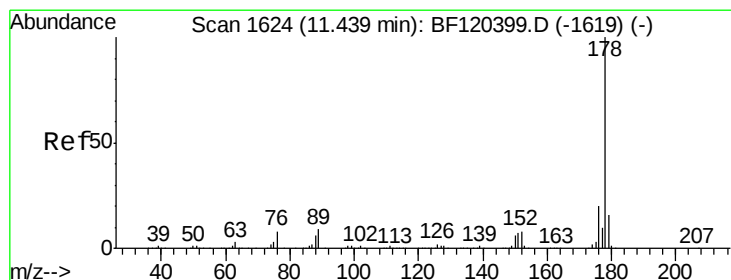
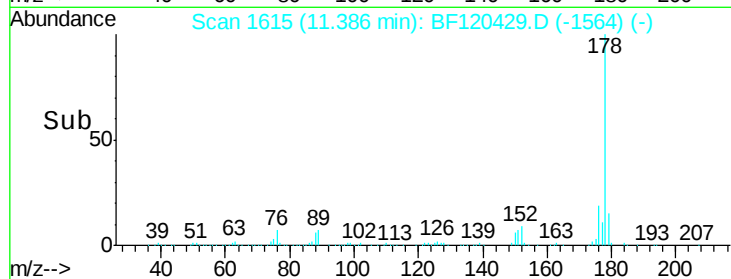
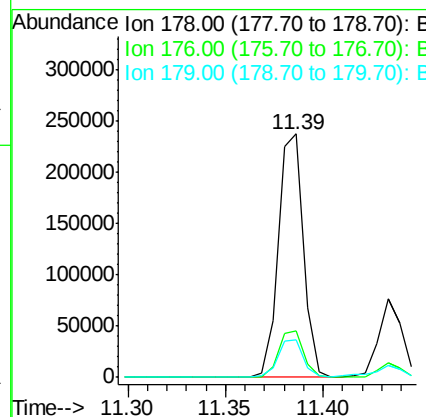
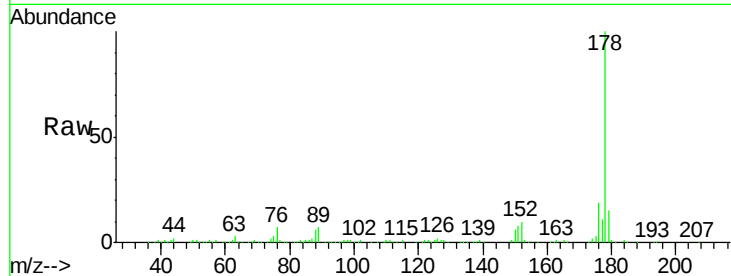
#71
Phenanthrene
Concen: 7.68 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
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NM44-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.4	13.0	19.4

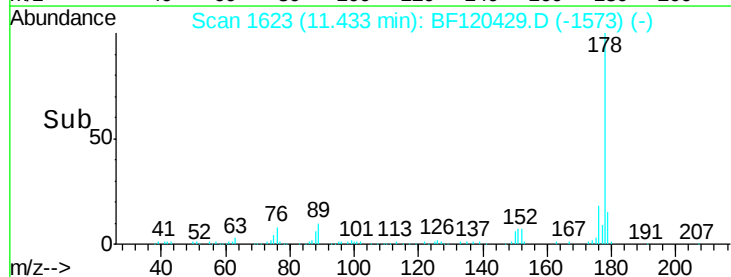
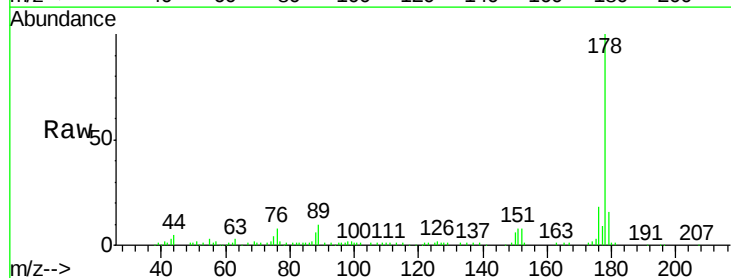
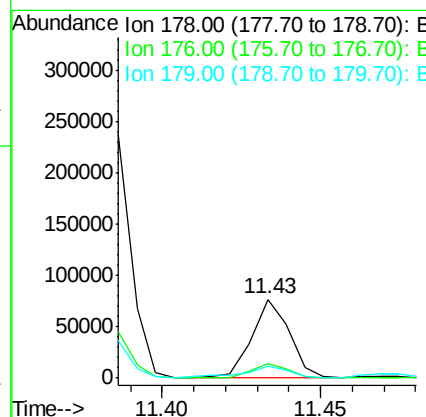
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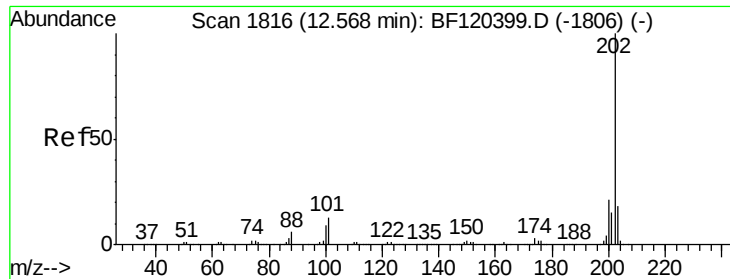
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#72
Anthracene
Concen: 2.24 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	15.6	12.8	19.2





#75

Fluoranthene

Concen: 18.26 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF120429.D

Acq: 29 May 2020 1:14

Instrument :

BNA_F

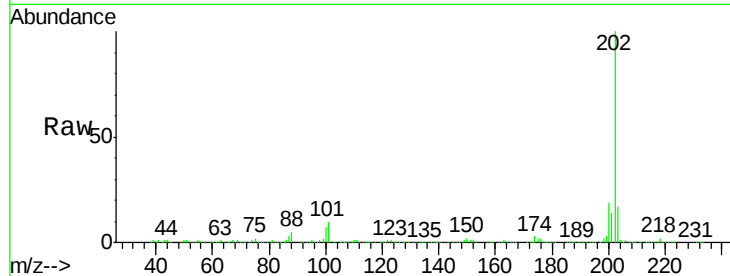
ClientSampleId :

NM44-COMP-2020-0-6

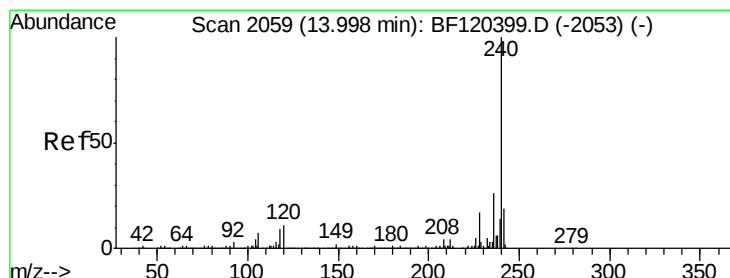
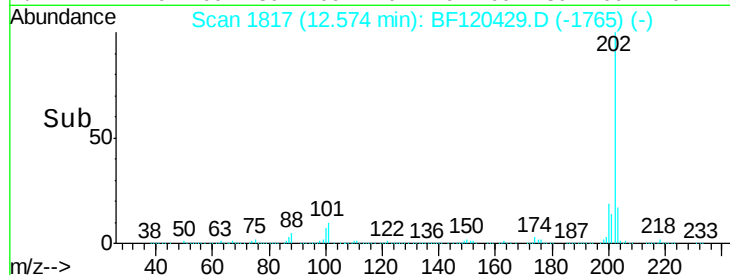
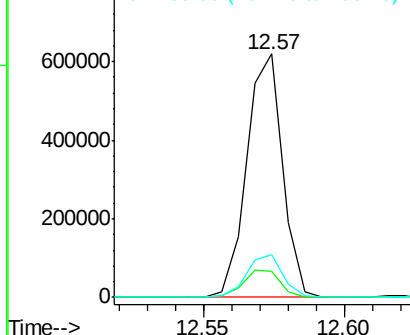
Tgt Ion:	202	Resp:	541777
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	32.6
203	17.3	0.0	38.4

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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



#76

Chrysene-d12

Concen: 20.00 ng

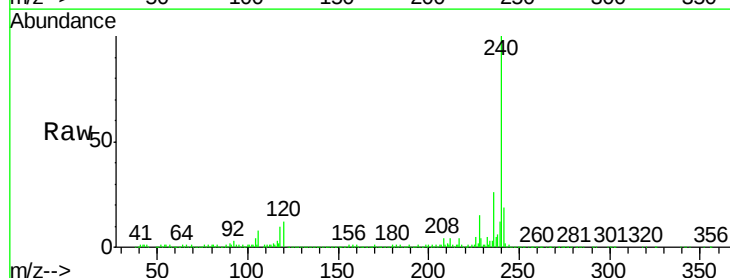
RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

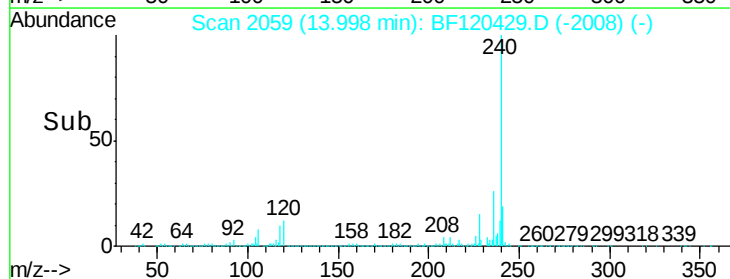
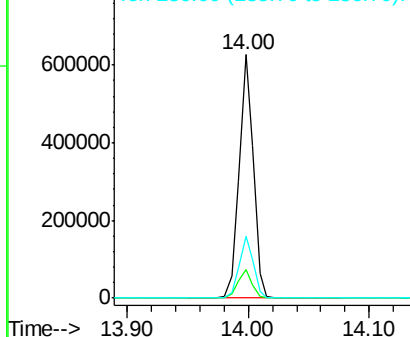
Lab File: BF120429.D

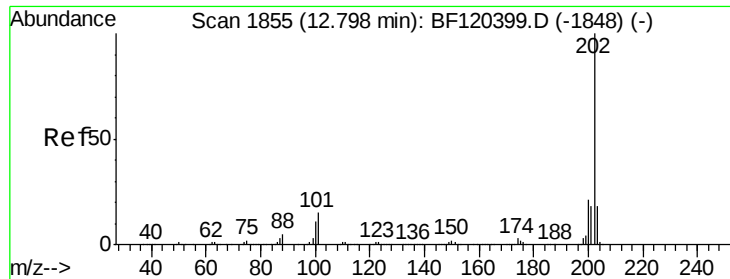
Acq: 29 May 2020 1:14

Tgt Ion:	240	Resp:	514395
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.8	13.2
236	25.7	21.0	31.4



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





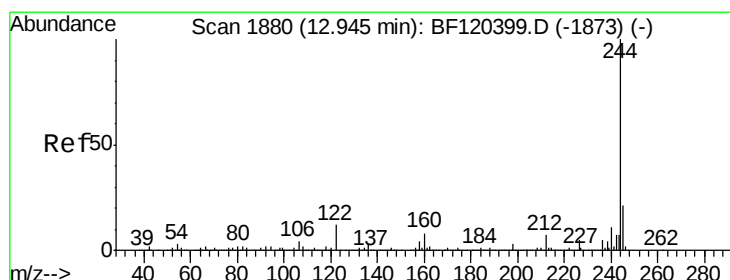
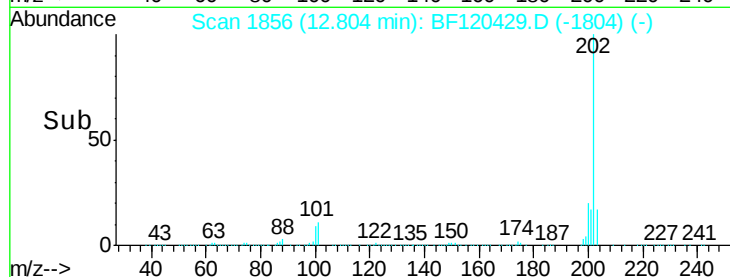
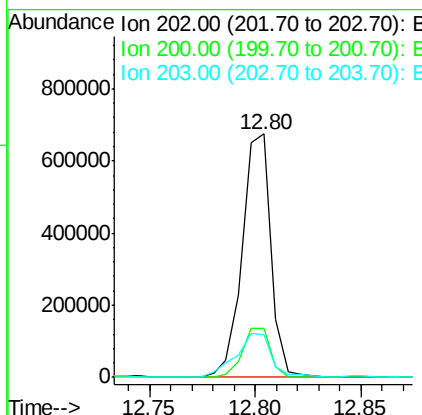
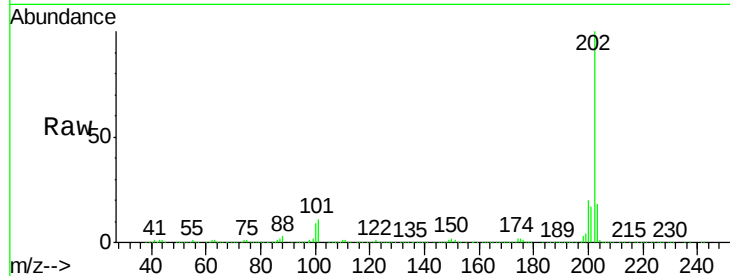
#78
Pyrene
Concen: 17.72 ng
RT: 12.80 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
BNA_F
ClientSampleId :
NM44-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	17.0	25.4
203	17.6	14.7	22.1

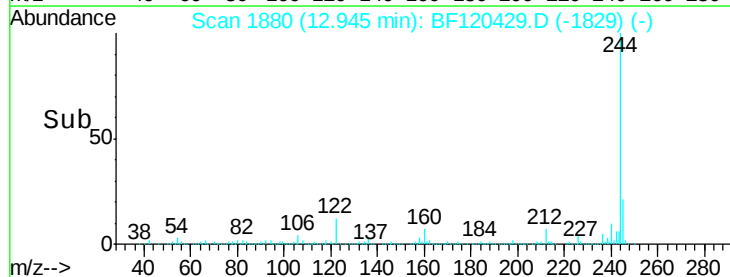
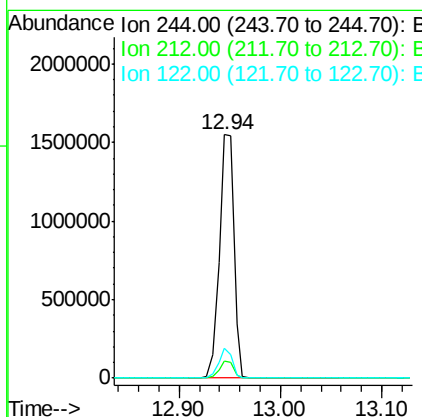
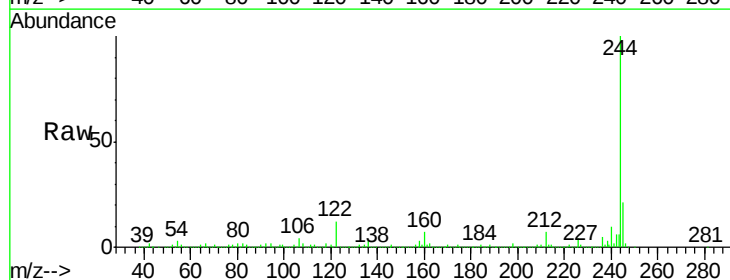
Manual Integrations
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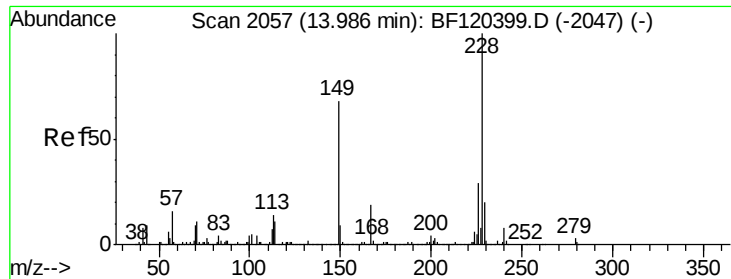
mohammad
5/29/2020 10:29:19 PM



#79
Terphenyl-d14
Concen: 66.52 ng
RT: 12.94 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	5.9	8.9
122	12.2	9.2	13.8





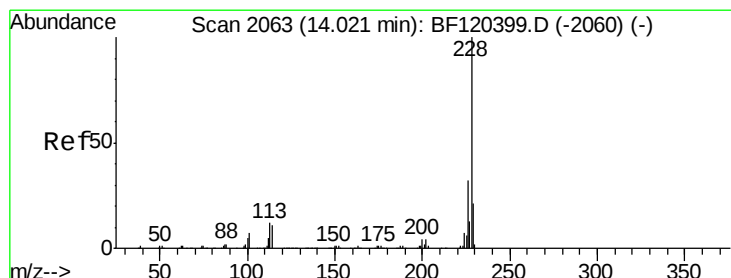
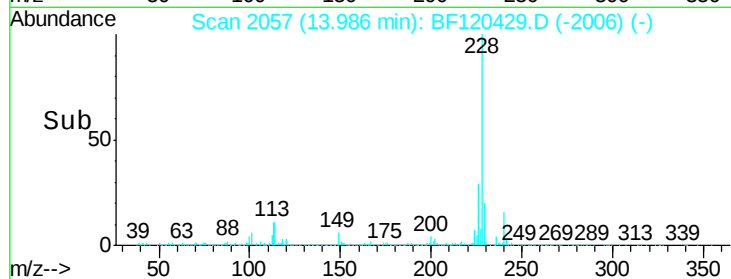
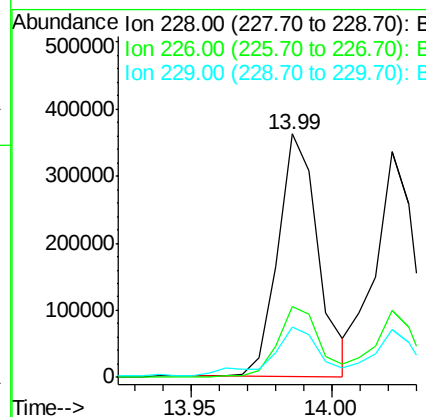
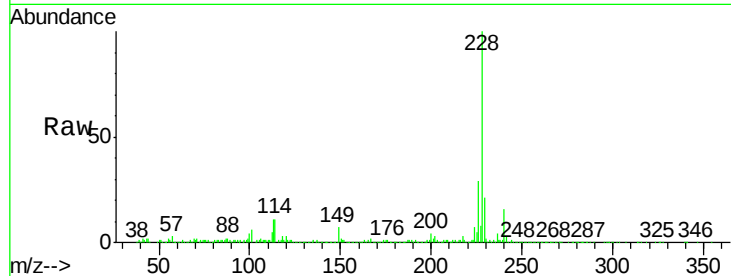
#81
Benzo(a)anthracene
Concen: 13.00 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
BNA_F
ClientSampleId :
NM44-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	358361		
226	29.2	23.0	34.4	
229	20.7	16.2	24.4	

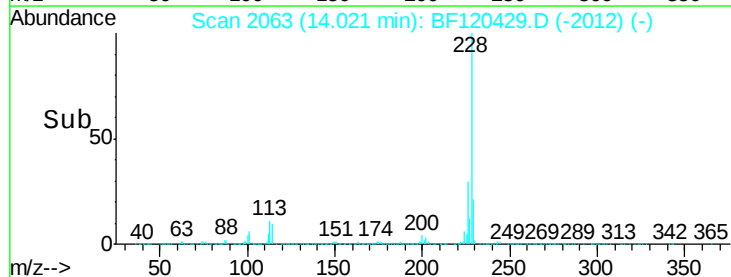
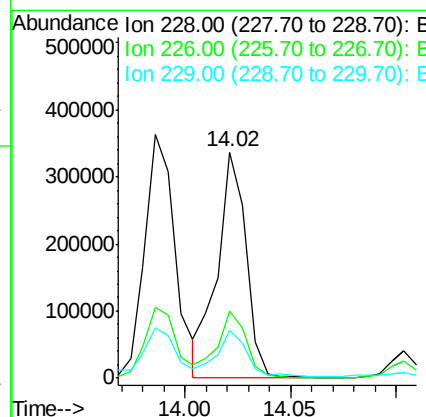
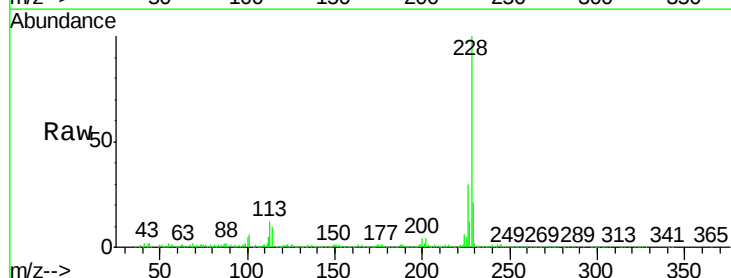
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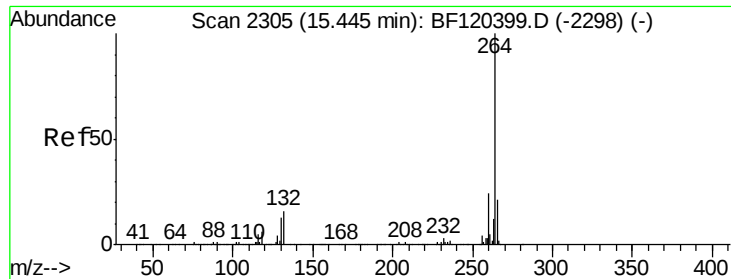
mohammad
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#83
Chrysene
Concen: 10.93 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	316036		
226	29.8	25.6	38.4	
229	21.2	16.6	25.0	





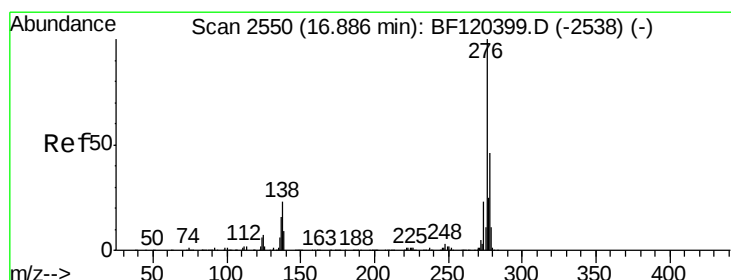
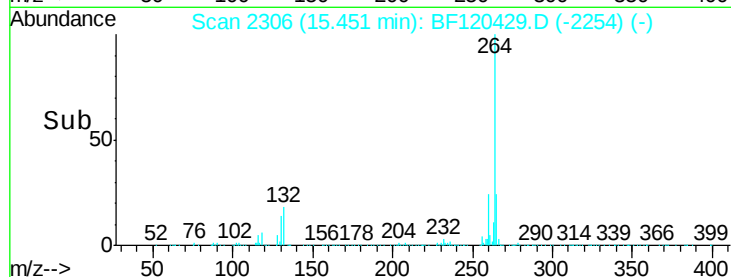
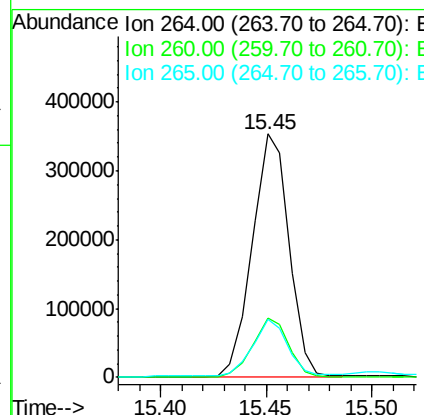
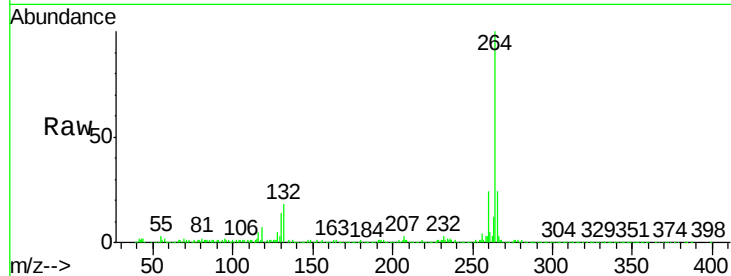
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
BNA_F
ClientSampleId :
NM44-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	426089		
260	24.4	19.2	28.8	
265	23.8	16.9	25.3	

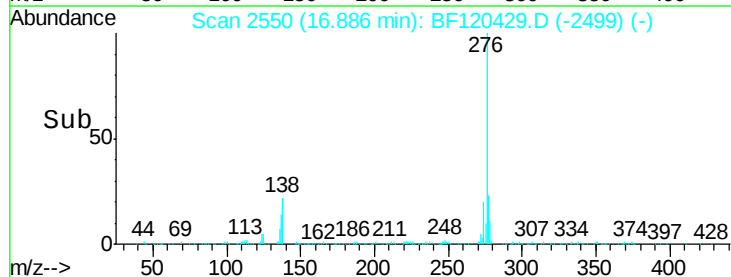
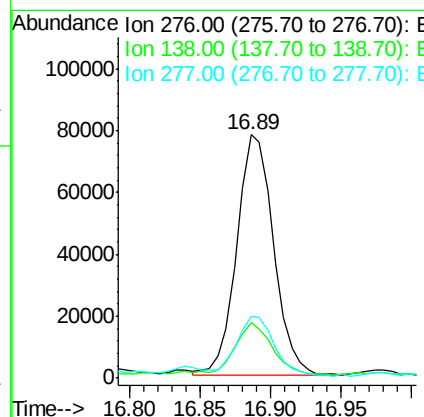
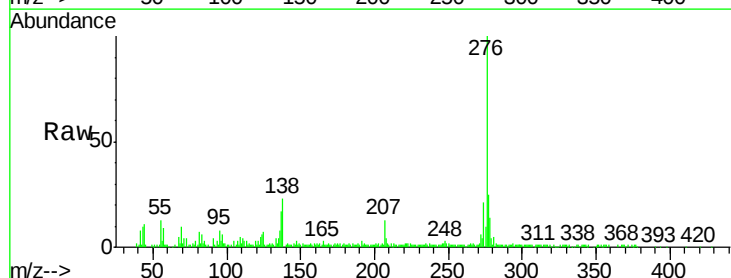
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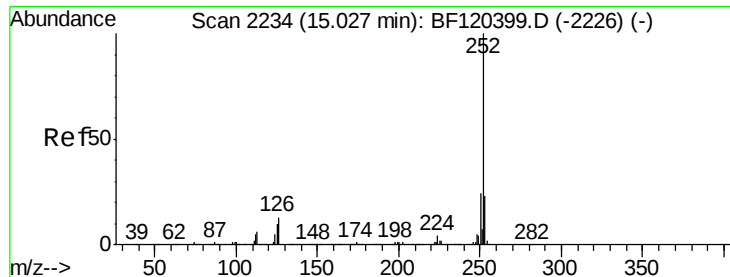
mohammad
5/29/2020 10:29:19 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.09 ng
RT: 16.89 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	141981		
138	22.0	20.4	30.6	
277	25.5	20.4	30.6	





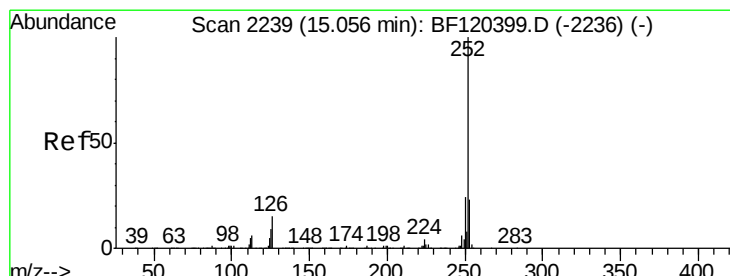
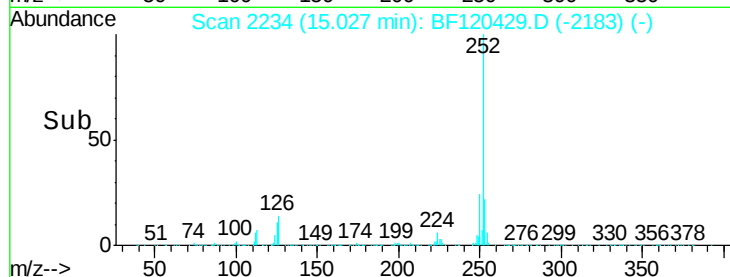
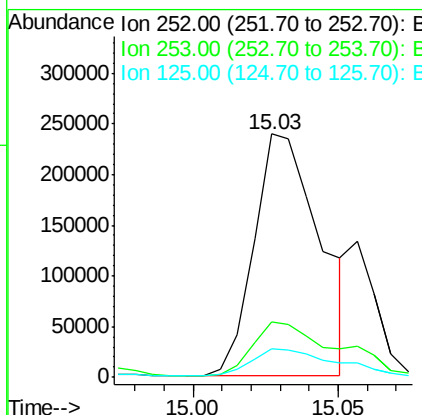
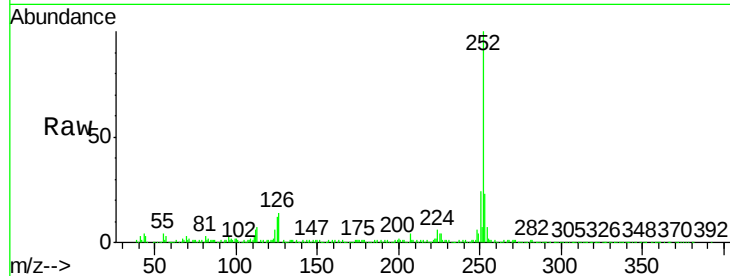
#88
Benzo(b)fluoranthene
Concen: 16.00 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
BNA_F
ClientSampleId :
NM44-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	378596		
253	22.6	18.1	27.1	
125	11.5	7.8	11.8	

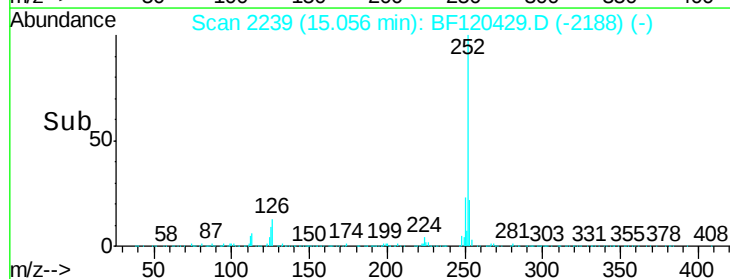
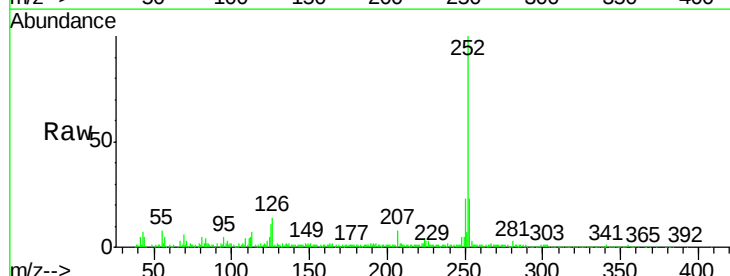
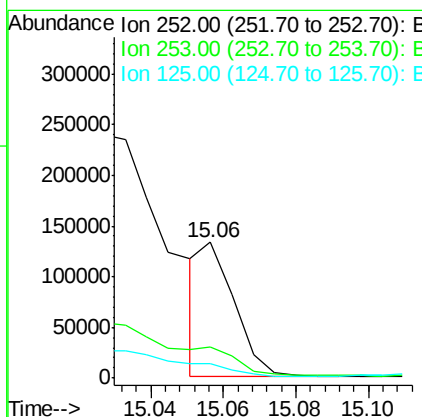
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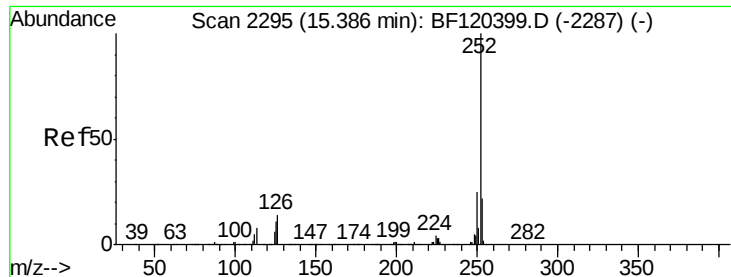
mohammad
5/29/2020 10:29:19 PM



#89
Benzo(k)fluoranthene
Concen: 3.80 ng m
RT: 15.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	83969		
253	22.9	18.5	27.7	
125	10.6	8.0	12.0	





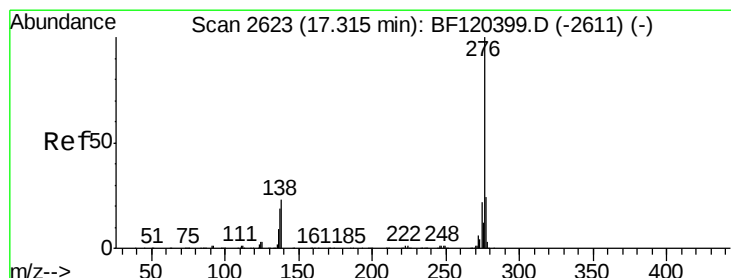
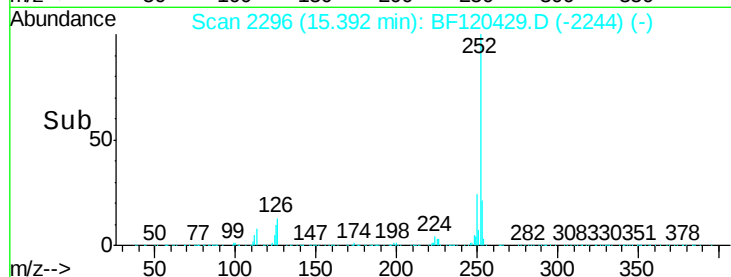
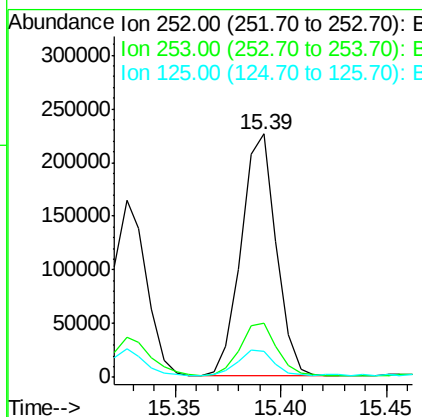
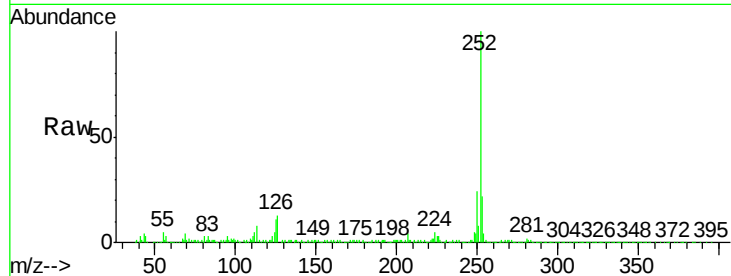
#90
Benzo(a)pyrene
Concen: 12.59 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Instrument :
BNA_F
ClientSampleId :
NM44-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.4	26.0
125	10.8	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.67 ng
RT: 17.33 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF120429.D
Acq: 29 May 2020 1:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.5	19.5	29.3
138	22.1	18.1	27.1

