

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120544.D
 Acq On : 4 Jun 2020 20:13
 Operator : JU/CG
 Sample : L2839-12RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6RE

Manual Integrations
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mohammad
 6/5/2020 11:57:58 AM

Quant Time: Jun 05 01:07:18 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	193122	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	473208	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	233138	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	409076	20.00	ng	0.00
76) Chrysene-d12	13.99	240	403216	20.00	ng	-0.01
86) Perylene-d12	15.45	264	258887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	946511	93.40	ng	0.00
7) Phenol-d6	6.46	99	1083984	86.78	ng	0.00
23) Nitrobenzene-d5	7.39	82	758152	104.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	237337	109.87	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1048594	76.31	ng	0.00
79) Terphenyl-d14	12.94	244	1355818	74.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	212533	14.582	ng	99
71) Phenanthrene	11.37	178	232303	12.888	ng	98
72) Anthracene	11.43	178	52945	2.928	ng	97
75) Fluoranthene	12.57	202	566792	29.223	ng	97
78) Pyrene	12.79	202	528723	18.855	ng	98
81) Benzo(a)anthracene	13.98	228	269726	12.481	ng	98
83) Chrysene	14.02	228	234732	10.361	ng	95
84) Bis(2-ethylhexyl)phthalate	13.97	149	125091	9.103	ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	85214	6.018	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	213616m	14.856	ng	
89) Benzo(k)fluoranthene	15.05	252	59542m	4.436	ng	
90) Benzo(a)pyrene	15.39	252	139595	11.099	ng	98
92) Benzo(a,h,i)perylene	17.33	276	77292	6.788	ng	98

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

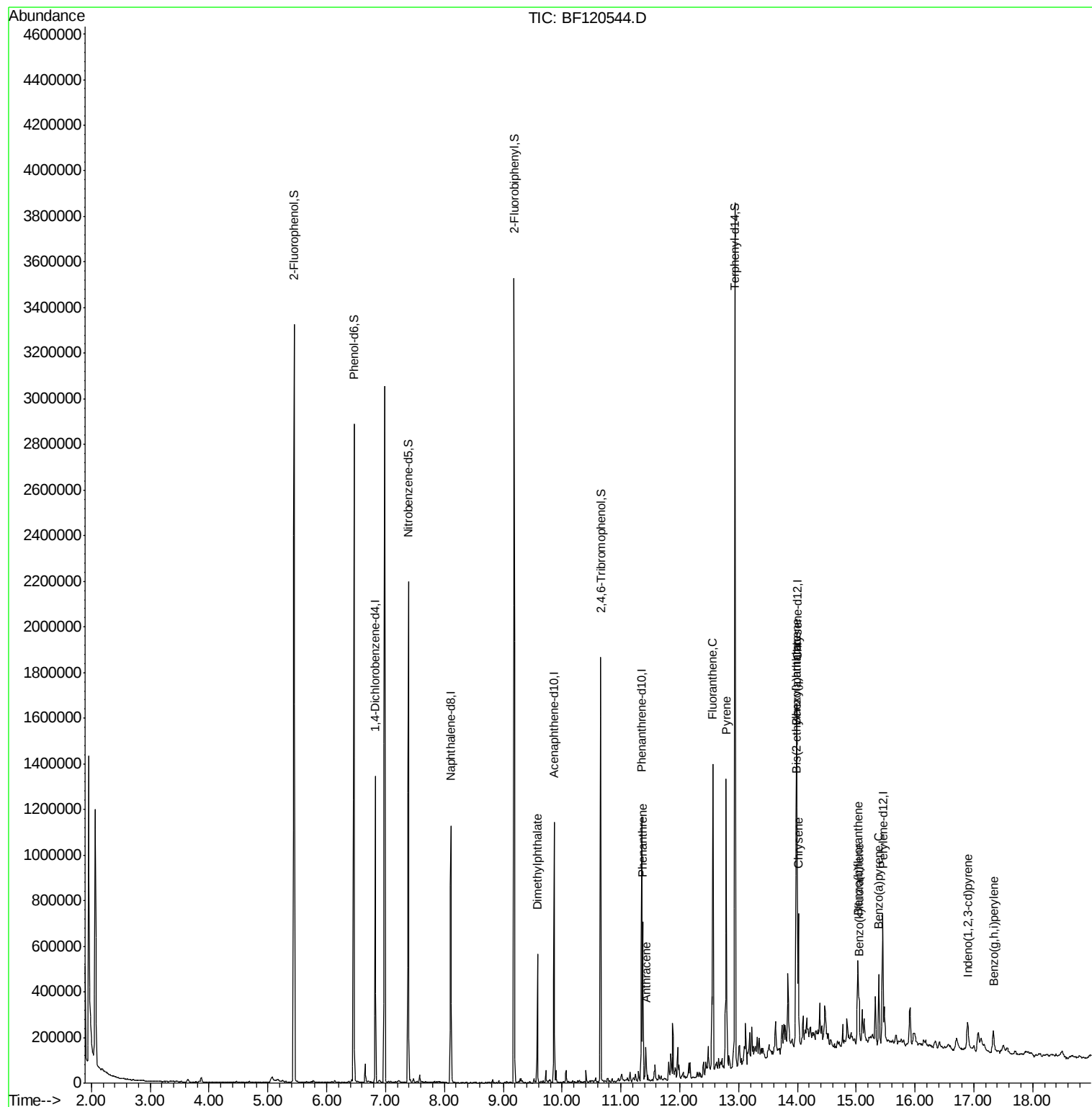
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120544.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

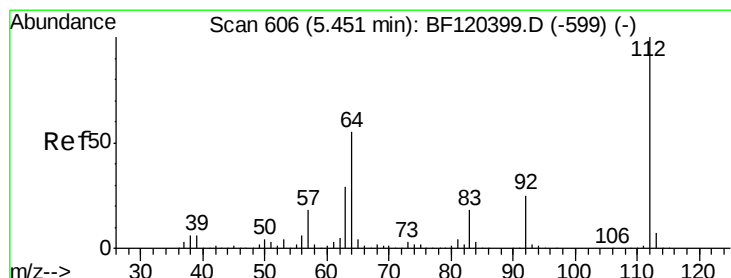
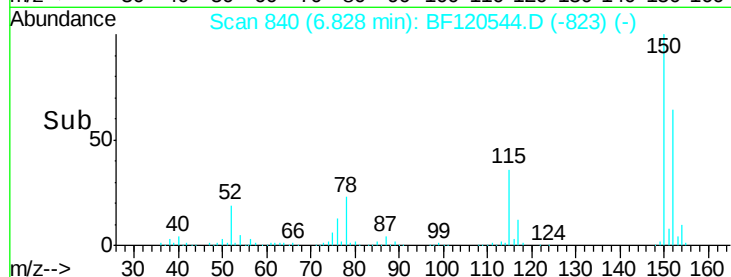
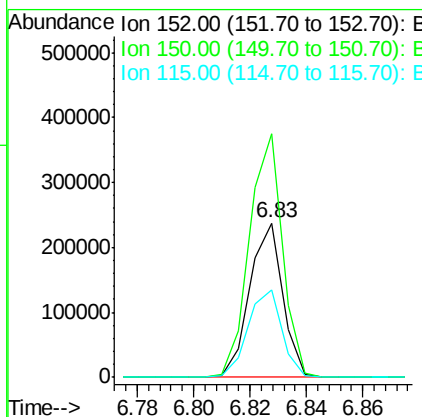
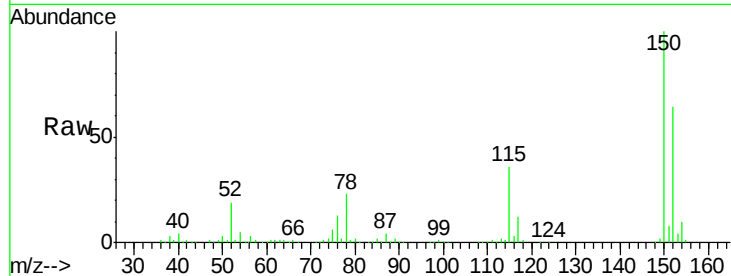
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.3	189.5
115	56.8	48.1	72.1

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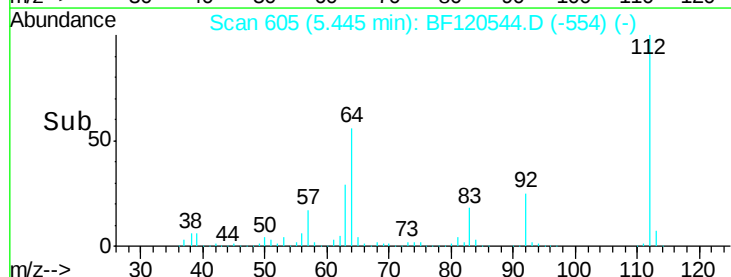
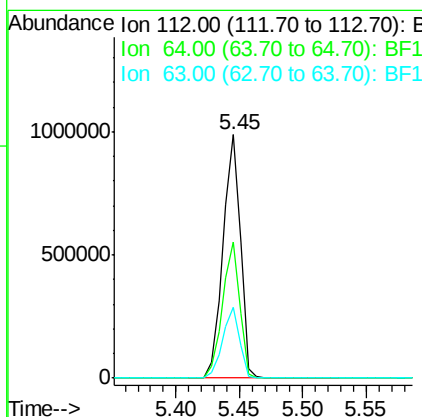
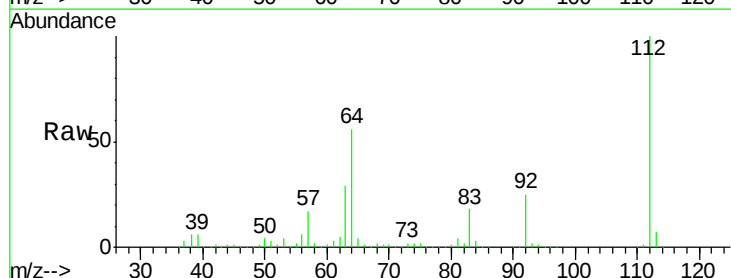
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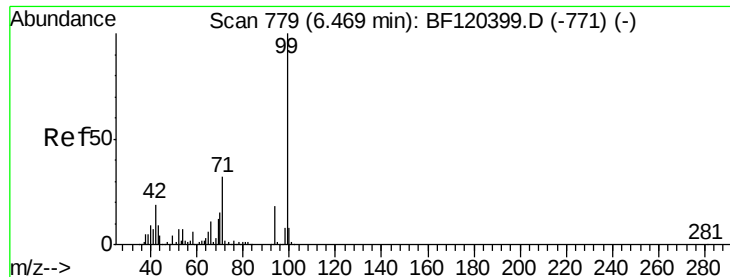


#5

2-Fluorophenol
Concen: 93.403 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.2	70.8
63	28.9	24.7	37.1





#7

Phenol-d6

Concen: 86.785 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120544.D

Acq: 4 Jun 2020 20:13

Instrument :

BNA_F

ClientSampleId :

NM6-COMP-2020-0-6RE

Tot Ion: 99 Resp: 1083984

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.6

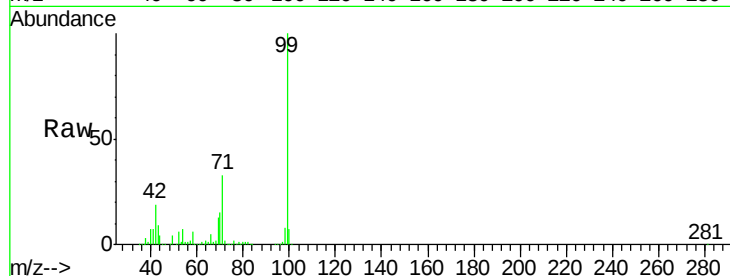
71 32.9 27.0 40.4

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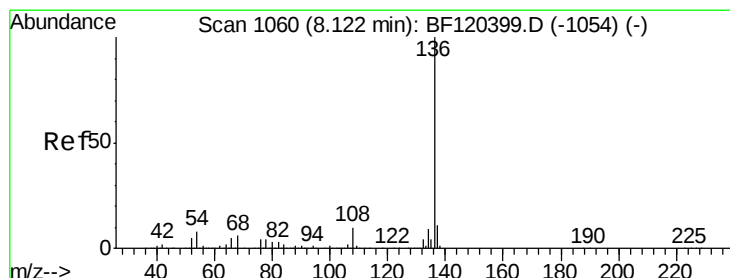
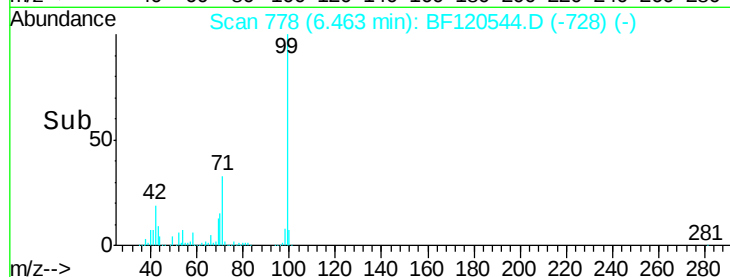
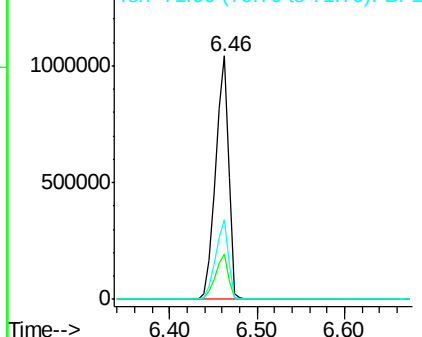
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF120544.D

Acq: 4 Jun 2020 20:13

Tgt Ion: 136 Resp: 473208

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.8 5.4 8.0

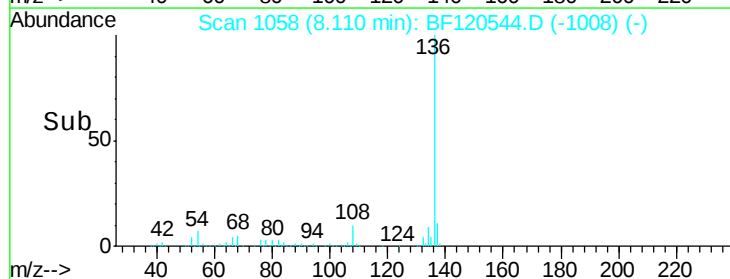
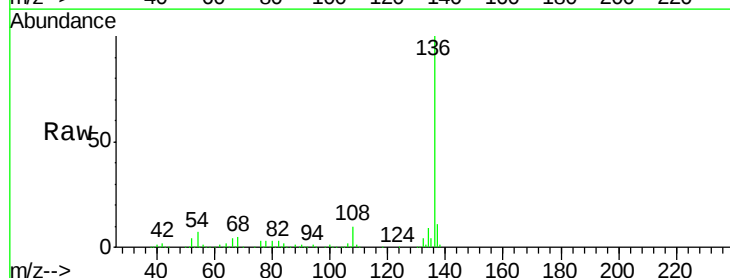
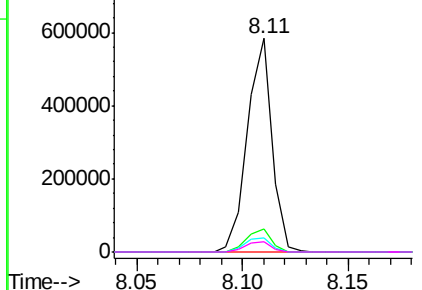
68 4.8 4.3 6.5

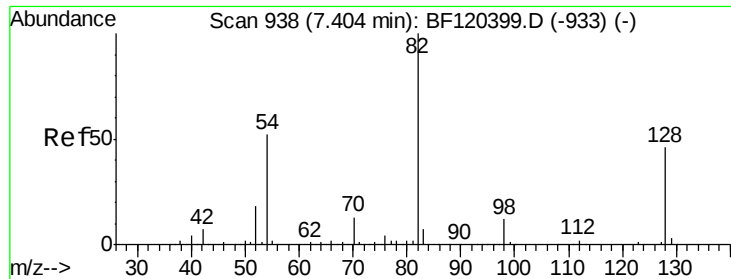
Abundance Ion 136.00 (135.70 to 136.70): E

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





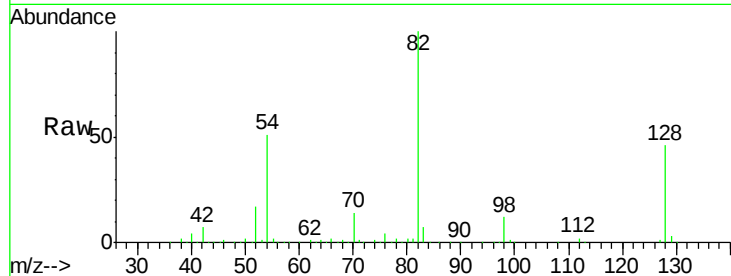
#23
 Nitrobenzene-d5
 Concen: 104.802 ng
 RT: 7.39 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF120544.D
 Acq: 4 Jun 2020 20:13

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6RE

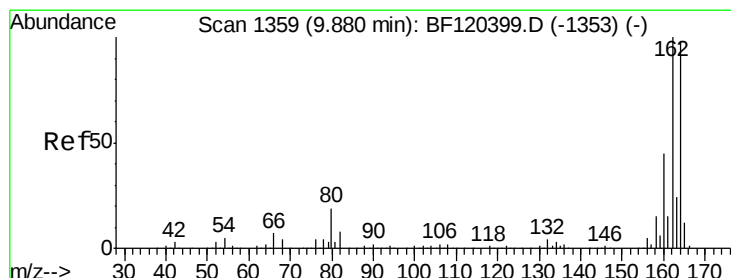
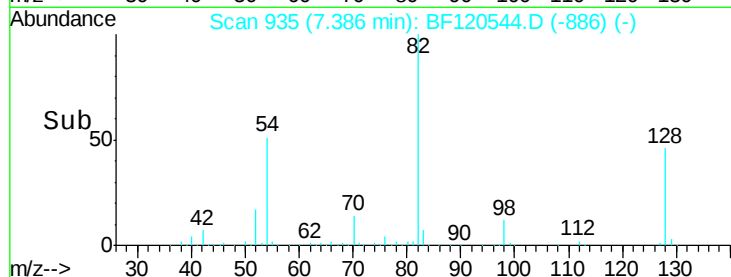
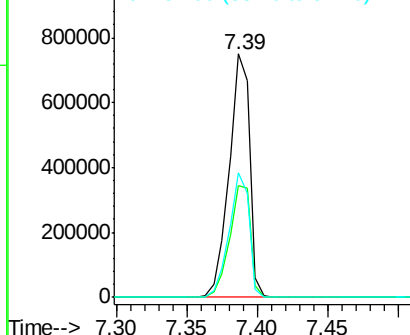
Tot Ion	Ratio	Resp	Lower	Upper
82	100	758152		
128	45.8	36.7	55.1	
54	51.3	40.0	60.0	

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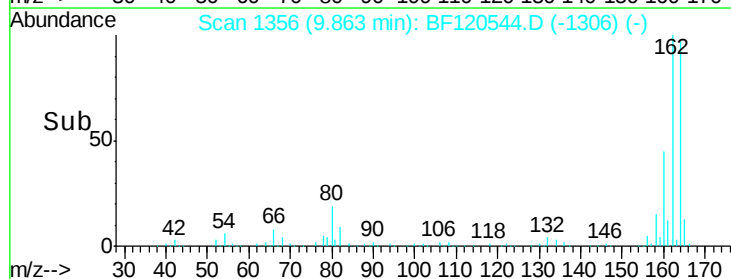
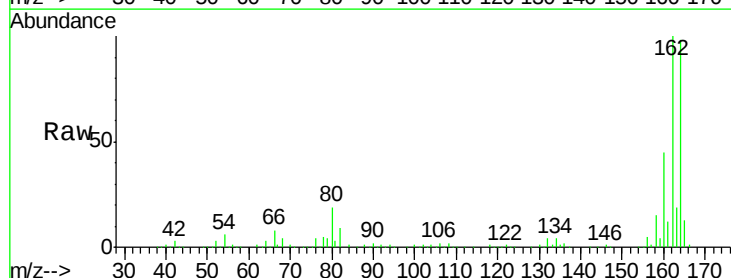
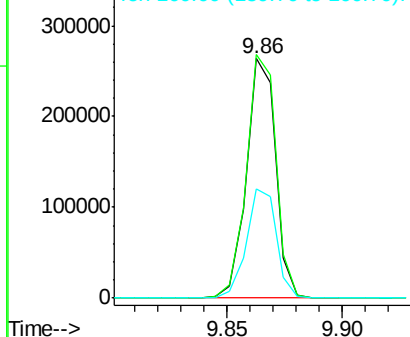
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF120544.D
 Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233138		
162	101.7	81.2	121.8	
160	45.6	37.0	55.4	

Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





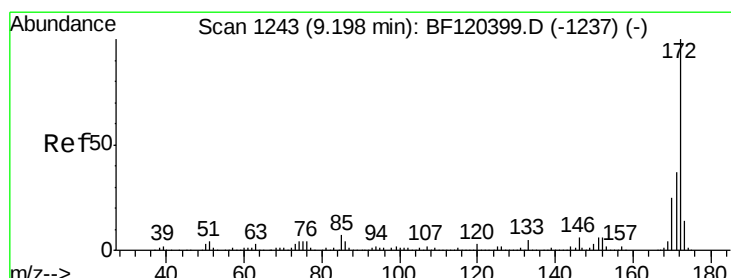
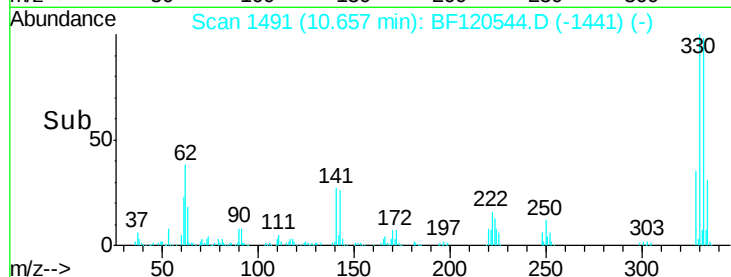
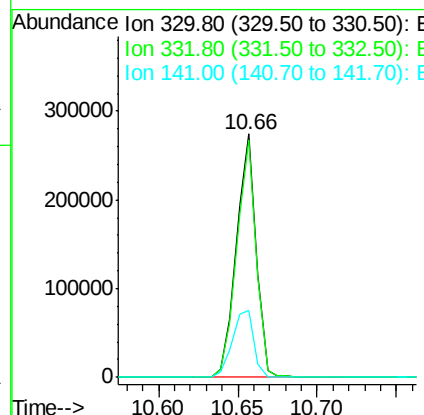
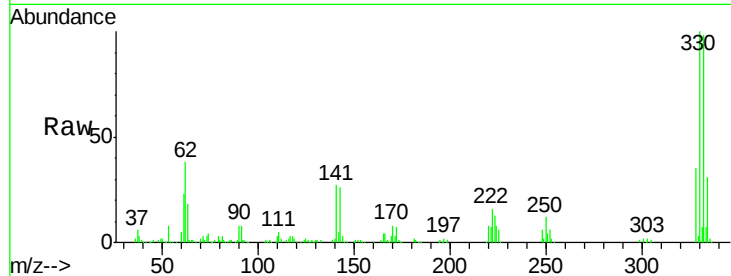
#42
 2,4,6-Tribromophenol
 Concen: 109.872 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120544.D
 Acq: 4 Jun 2020 20:13

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	237337		
332	96.6	77.0	115.4	
141	29.9	23.8	35.8	

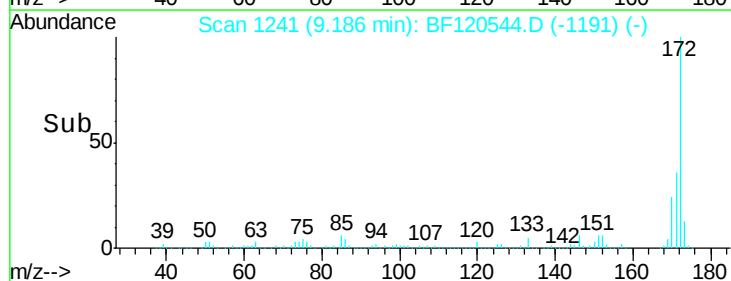
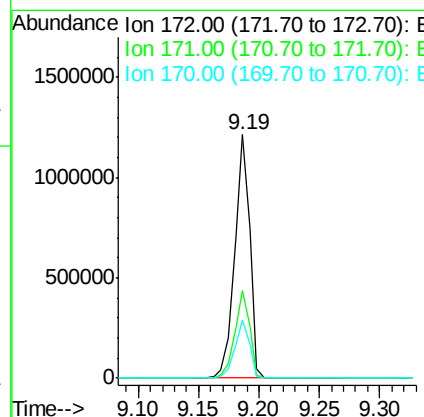
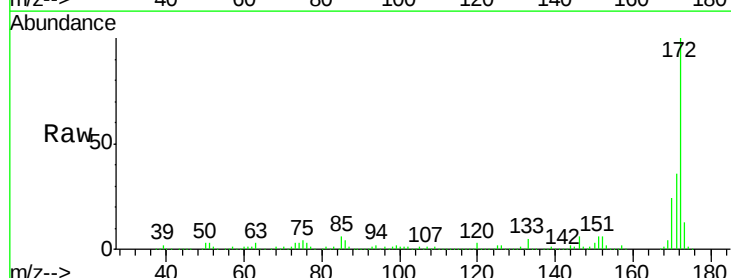
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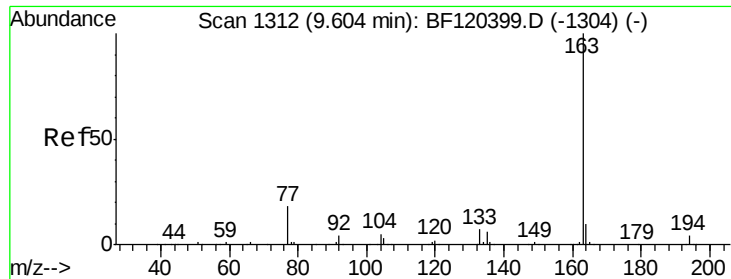
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#45
 2-Fluorobiphenyl
 Concen: 76.313 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120544.D
 Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1048594		
171	36.1	29.5	44.3	
170	23.7	19.8	29.6	





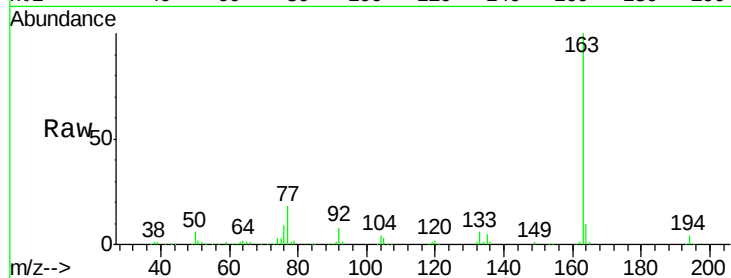
#50
Dimethylphthalate
Concen: 14.582 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

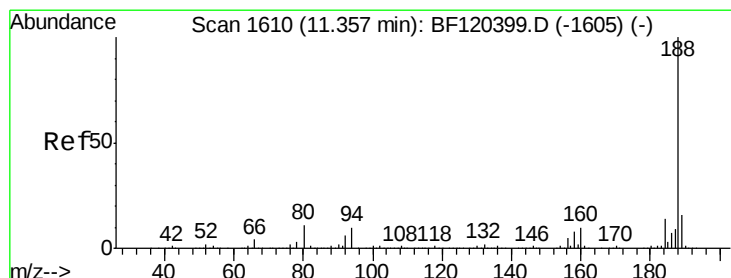
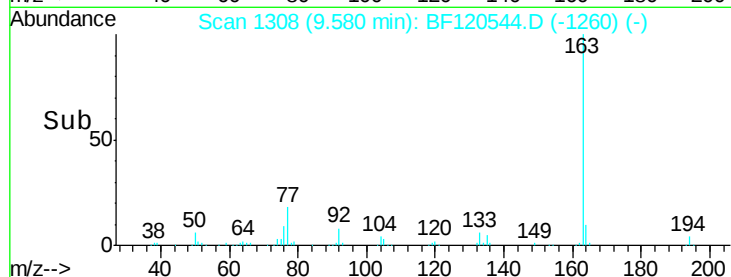
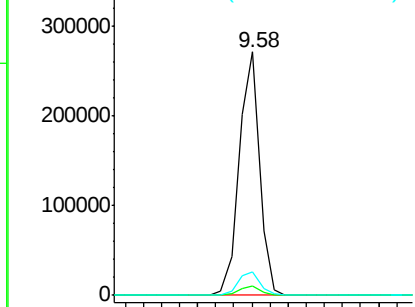
Tot Ion	Ratio	Resp	Lower	Upper
163	100	212533		
194	3.9		3.1	4.7
164	9.7		8.0	12.0

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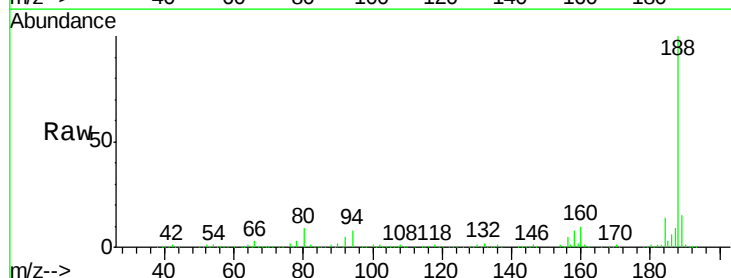


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

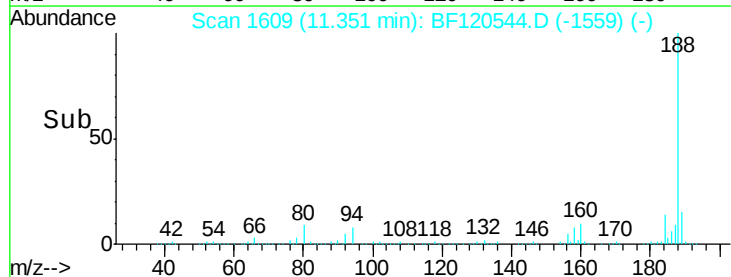
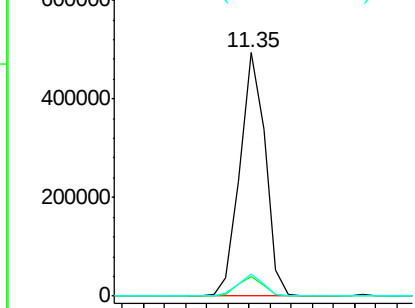


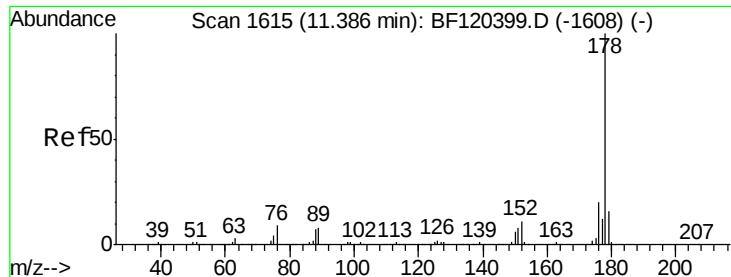
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	409076		
94	8.2		7.4	11.2
80	9.0		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: 12.888 ng

RT: 11.37 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF120544.D

Acq: 4 Jun 2020 20:13

Instrument :

BNA_F

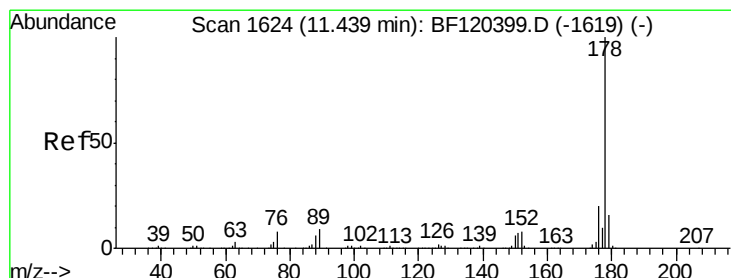
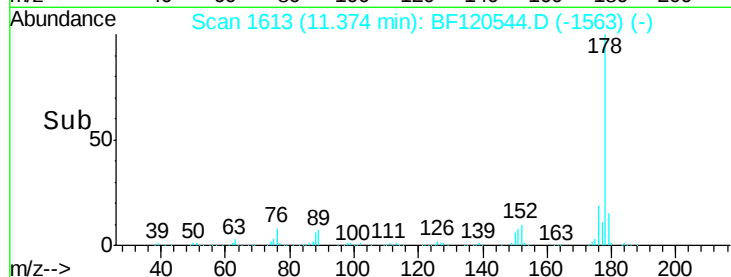
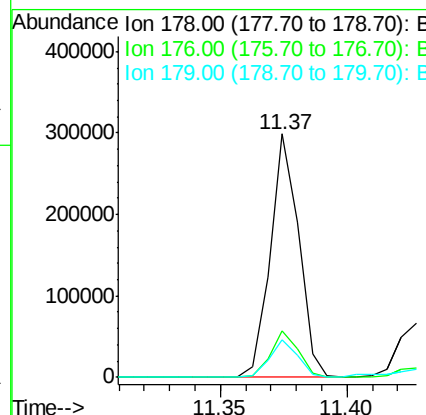
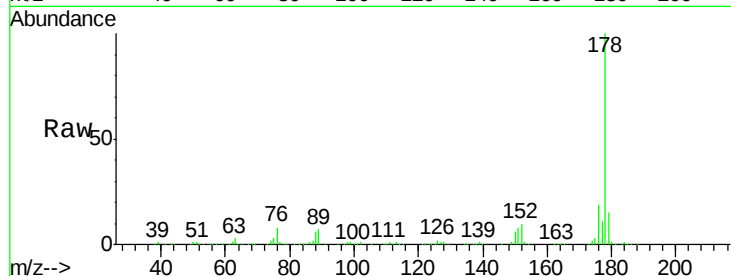
ClientSampleId :

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Tot Ion:	178	Resp:	232303
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.2
179	15.4	12.8	19.2

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#72

Anthracene

Concen: 2.928 ng

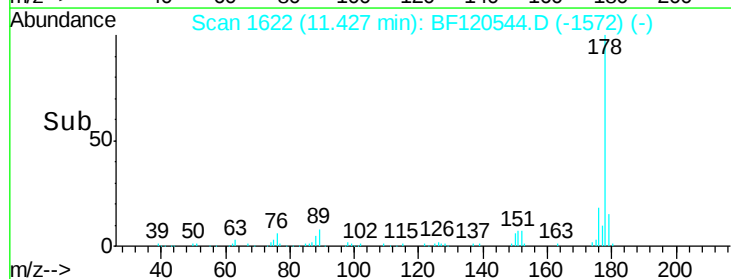
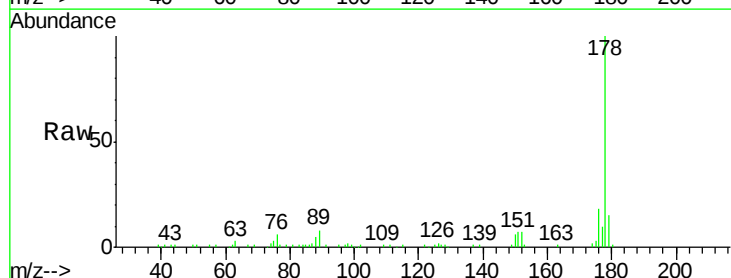
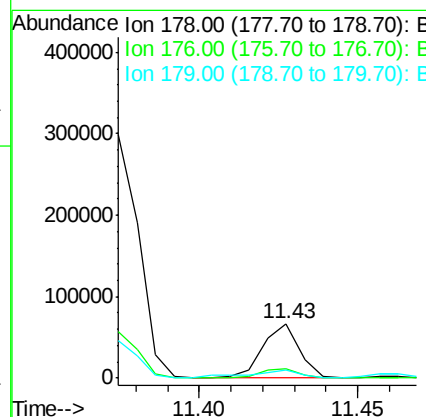
RT: 11.43 min Scan# 1622

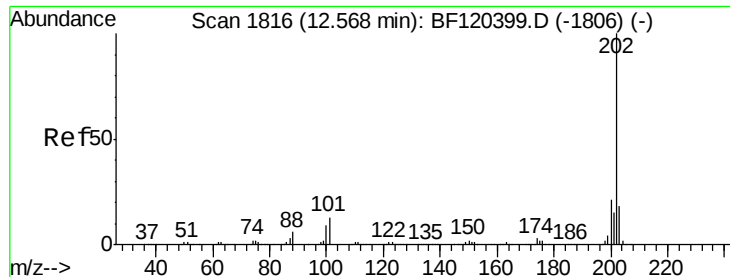
Delta R.T. -0.01 min

Lab File: BF120544.D

Acq: 4 Jun 2020 20:13

Tgt Ion:	178	Resp:	52945
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.8	23.6
179	15.2	12.9	19.3





#75

Fluoranthene

Concen: 29.223 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF120544.D

Acq: 4 Jun 2020 20:13

Instrument :

BNA_F

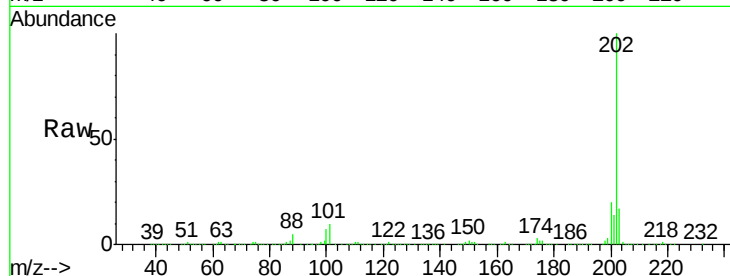
ClientSampleId :

NM6-COMP-2020-0-6RE

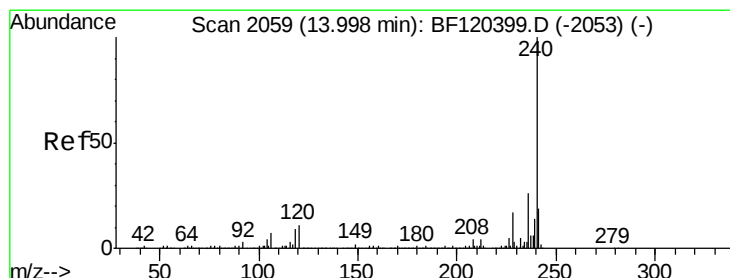
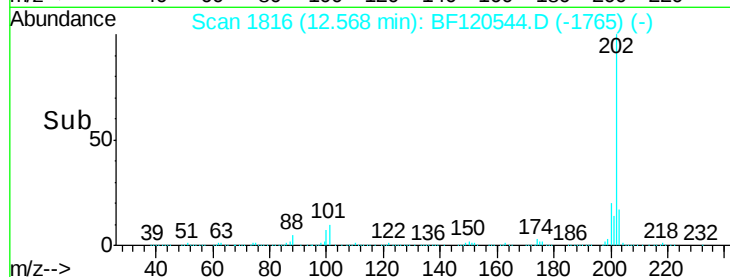
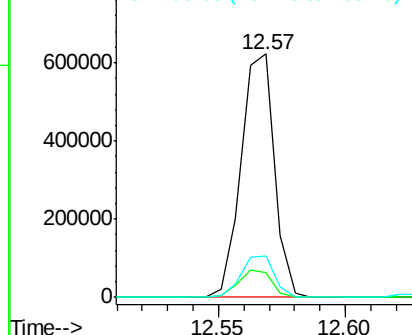
Tot Ion	Ratio	Resp	Lower	Upper
202	100	566792		
101	10.0	0.0	31.3	
203	17.1	0.0	38.4	

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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: 20.000 ng

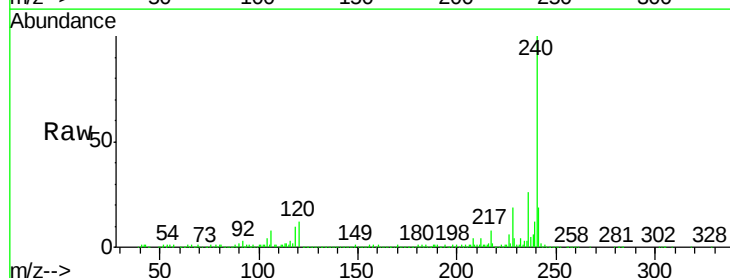
RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

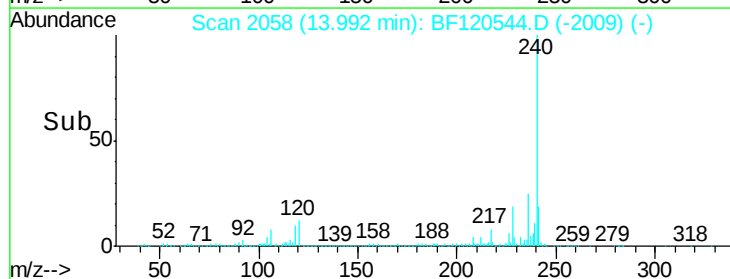
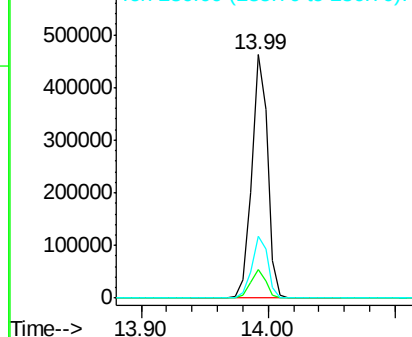
Lab File: BF120544.D

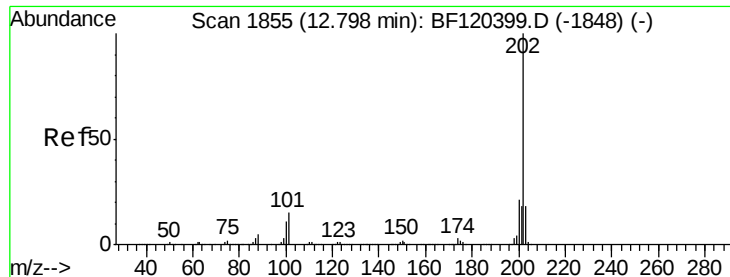
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	403216		
120	11.5	7.7	11.5	
236	25.6	20.8	31.2	



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





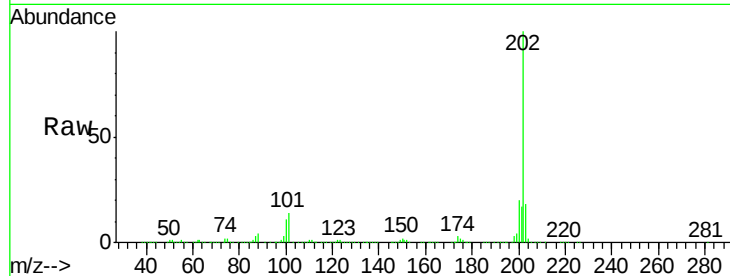
#78
Pvrene
Concen: 18.855 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

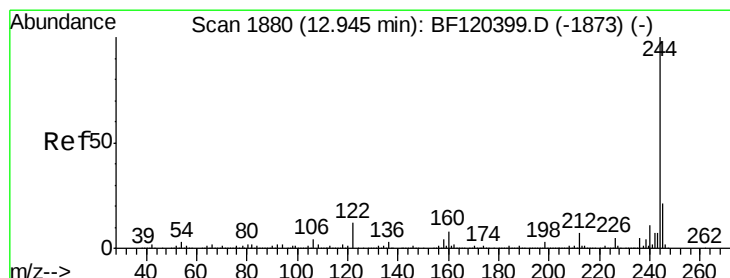
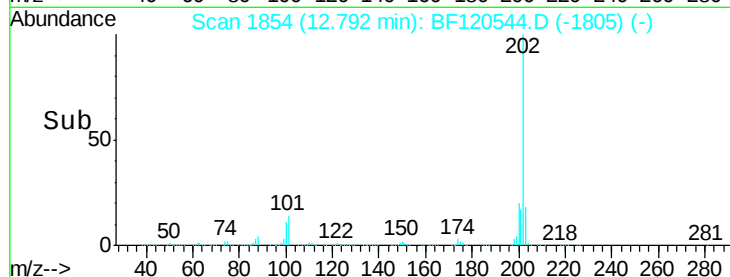
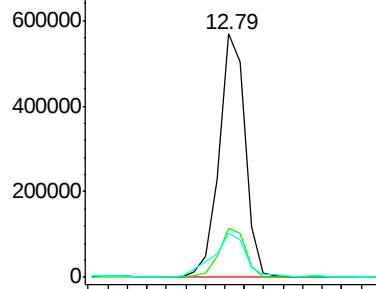
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	18.2	14.2	21.2

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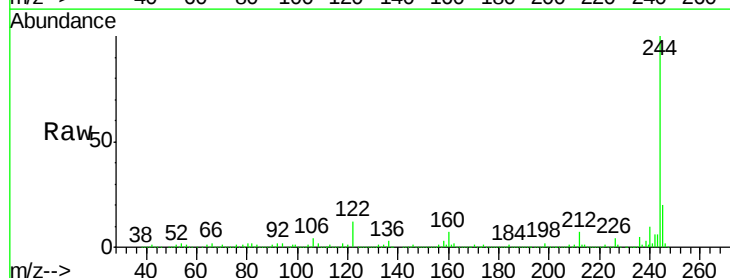


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

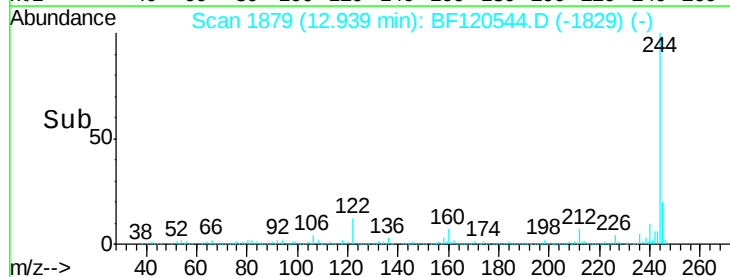
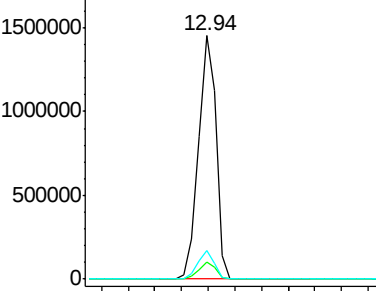


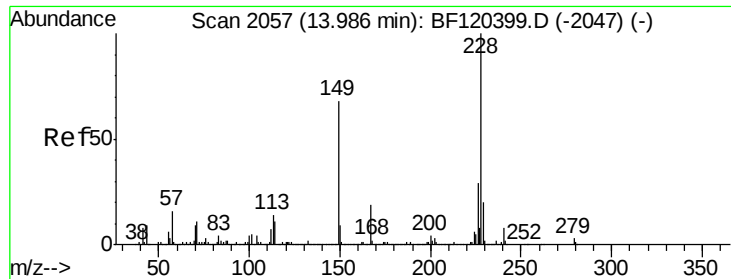
#79
Terphenyl-d14
Concen: 74.824 ng
RT: 12.94 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.5	8.0	12.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





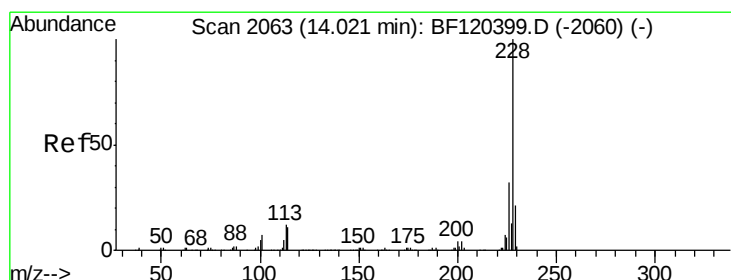
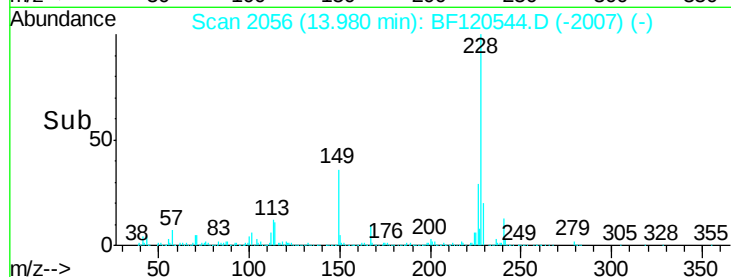
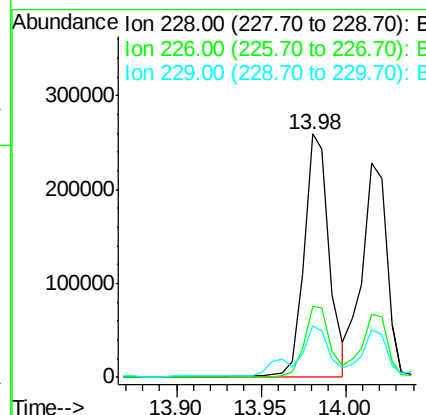
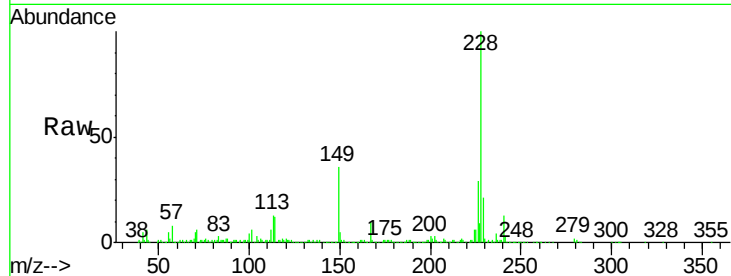
#81
Benzo(a)anthracene
Concen: 12.481 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	21.0	16.2	24.2

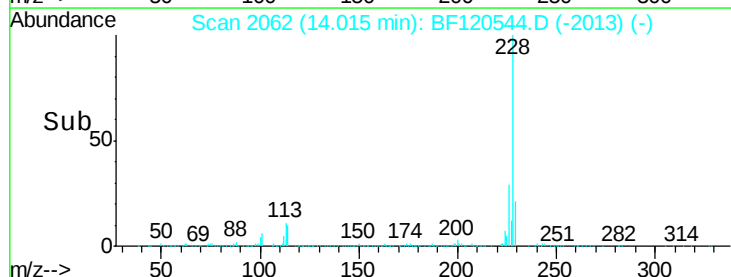
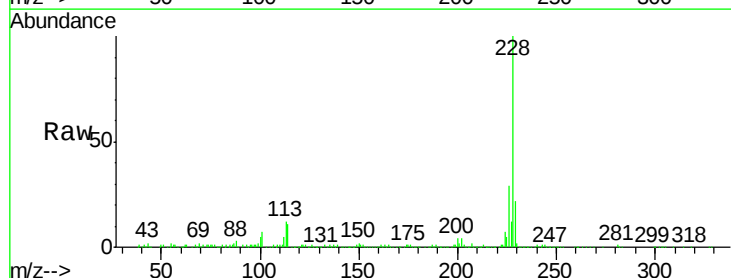
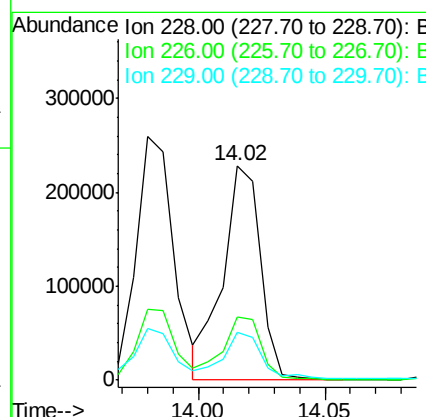
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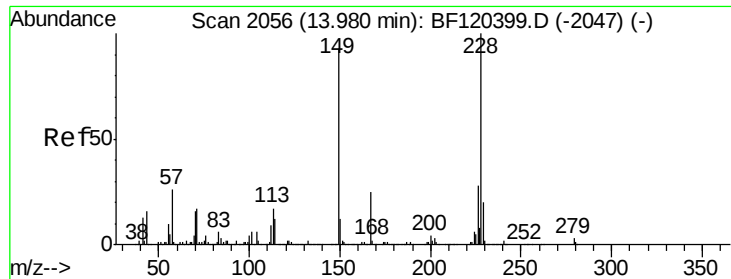
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#83
Chrysene
Concen: 10.361 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.6	38.4
229	22.4	16.2	24.2





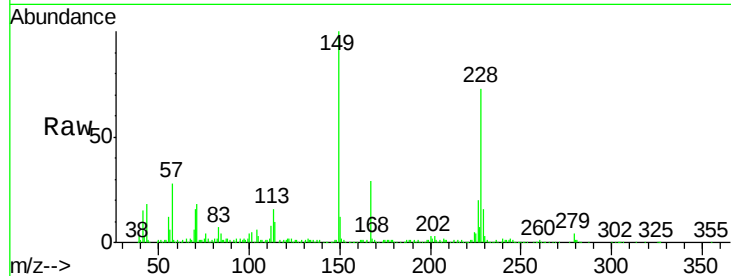
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.103 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

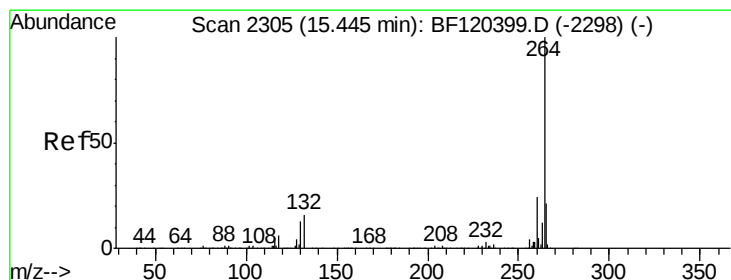
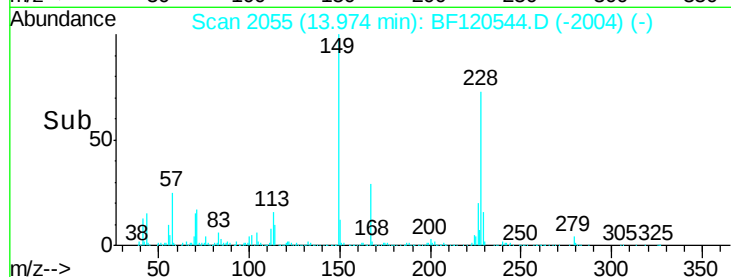
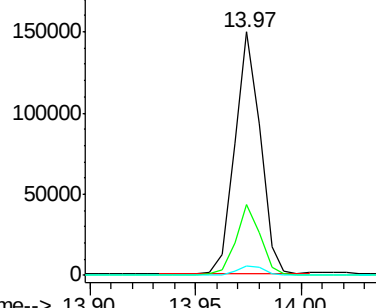
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	33.8
279	4.1	3.1	4.7

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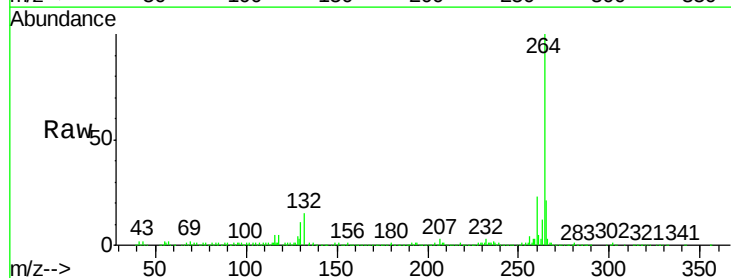


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

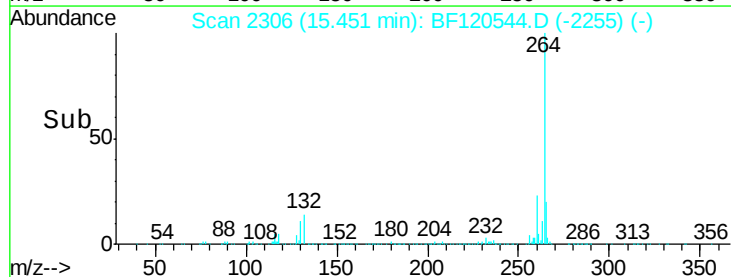
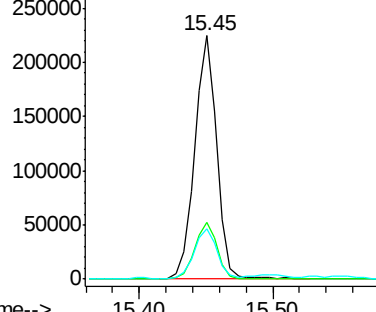


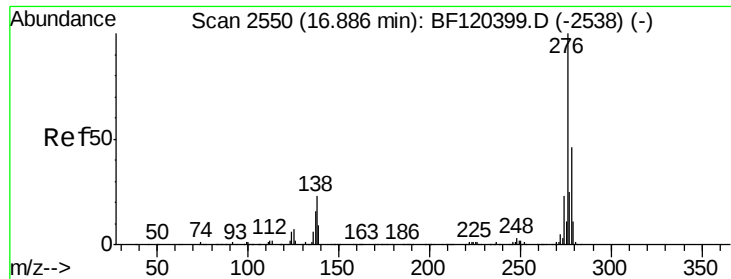
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





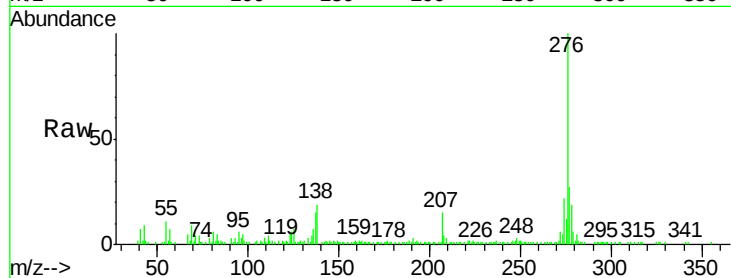
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.018 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	19.2	28.8#
277	24.3	20.3	30.5

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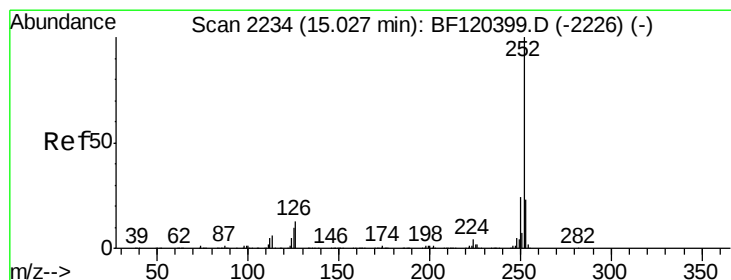
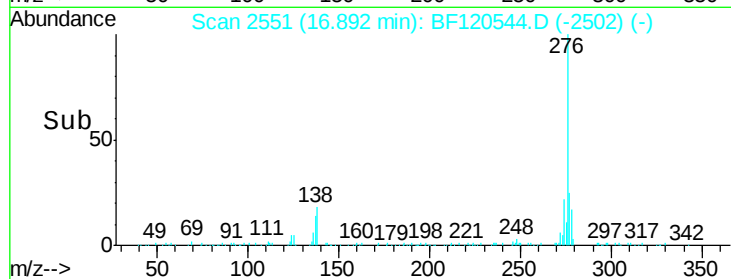
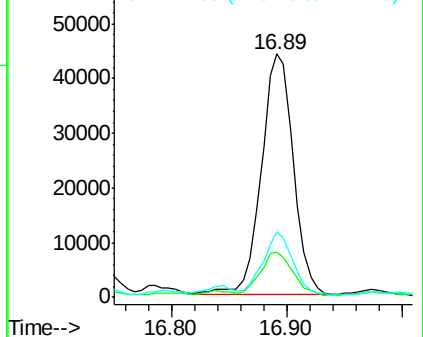


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
Benzo(b)fluoranthene
Concen: 14.856 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

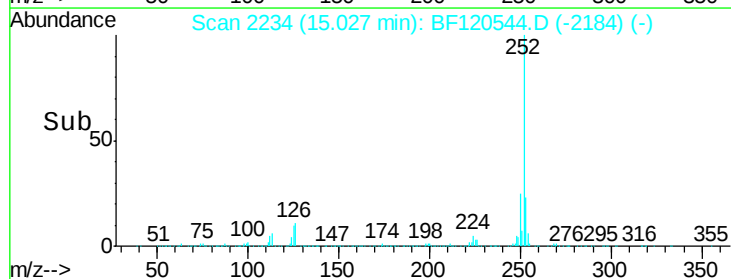
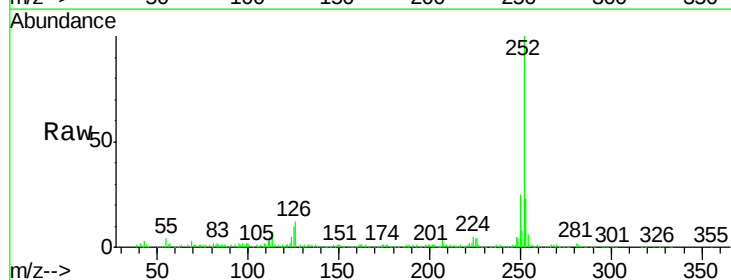
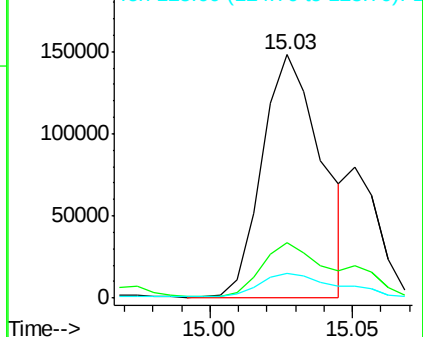
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.3	8.3	12.5

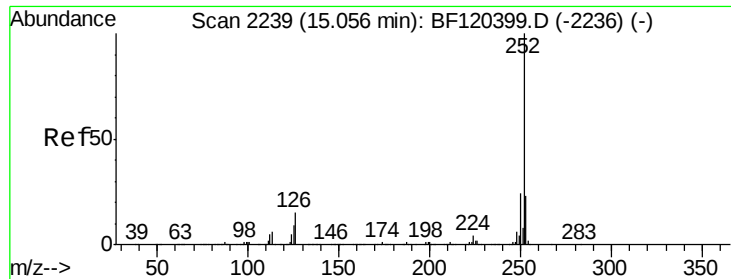
Abundance

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





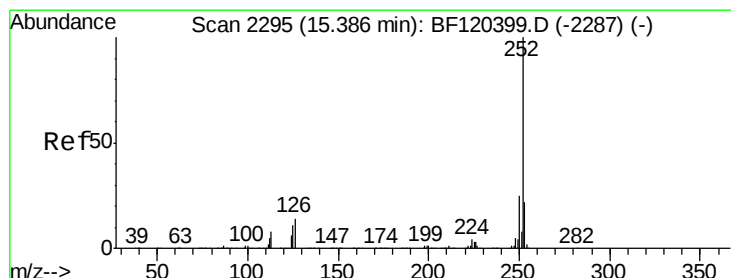
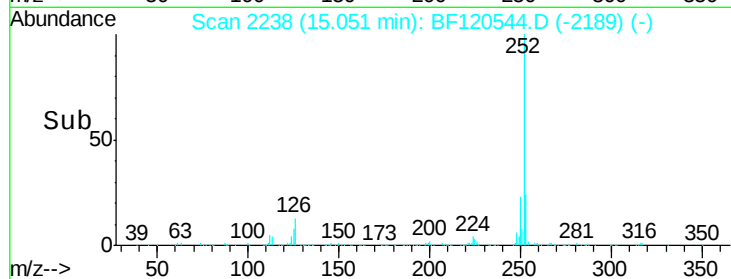
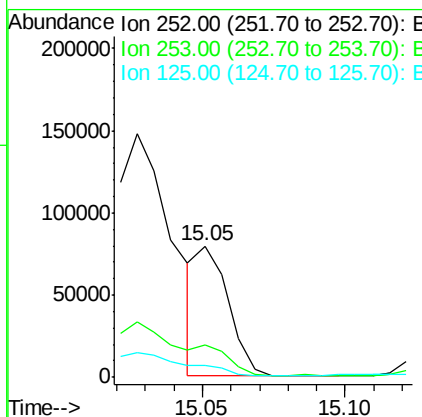
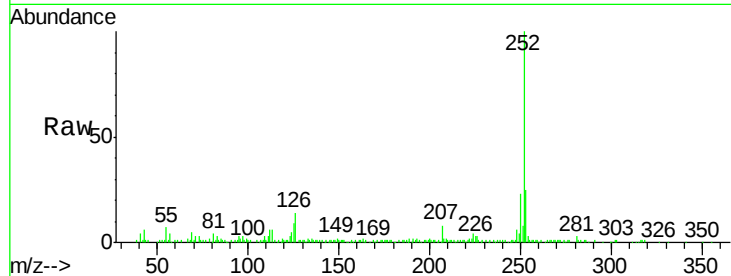
#89
Benzo(k)fluoranthene
Concen: 4.436 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	9.3	8.6	13.0

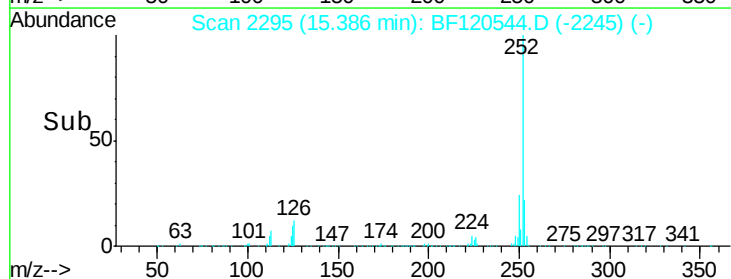
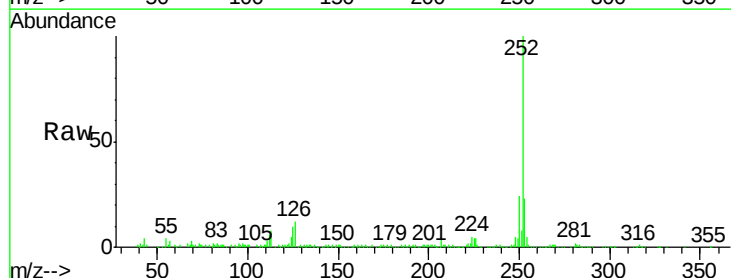
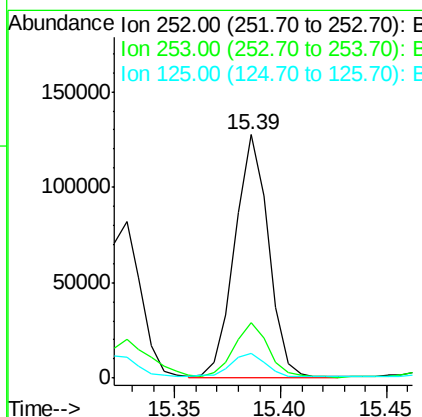
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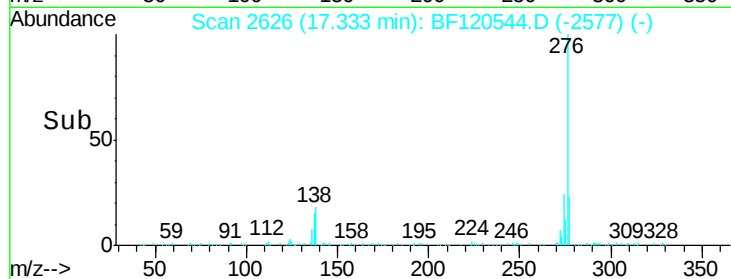
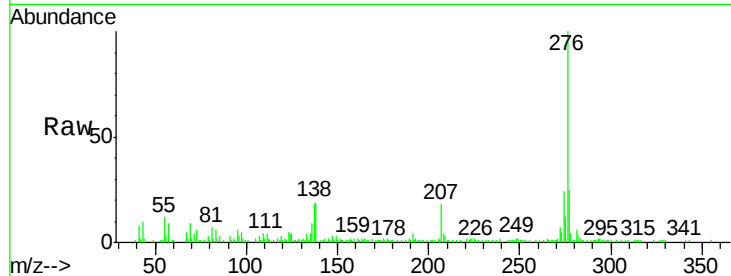
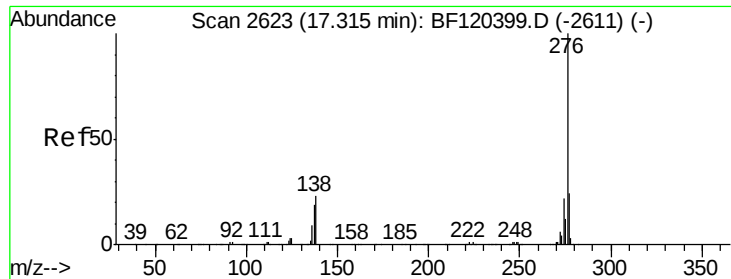
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#90
Benzo(a)pyrene
Concen: 11.099 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120544.D
Acq: 4 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	10.3	9.6	14.4





#92
 Benzo(a,h,i)perylene
 Concen: 6.788 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF120544.D
 Acq: 4 Jun 2020 20:13

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	19.2	16.9	25.3

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