

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120549.D
 Acq On : 4 Jun 2020 22:33
 Operator : JU/CG
 Sample : L2839-07RE 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6RE

Manual Integrations
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 6/5/2020 11:58:16 AM

Quant Time: Jun 05 04:33:35 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	210074	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	769315	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	275994	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	479193	20.00	ng	0.00
76) Chrysene-d12	14.00	240	440021	20.00	ng	0.00
86) Perylene-d12	15.46	264	310769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	493522	44.77	ng	0.00
7) Phenol-d6	6.46	99	619200	45.57	ng	-0.01
23) Nitrobenzene-d5	7.39	82	426754	36.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	138866	54.30	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	643874	39.58	ng	0.00
79) Terphenyl-d14	12.94	244	751360	38.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	97981	5.679	ng	99
71) Phenanthrene	11.37	178	120387	5.702	ng	97
75) Fluoranthene	12.57	202	245404	10.801	ng	97
78) Pyrene	12.80	202	284562	9.299	ng	98
81) Benzo(a)anthracene	13.99	228	146298	6.204	ng	97
83) Chrysene	14.02	228	138729	5.611	ng	96
87) Indeno(1,2,3-cd)pyrene	16.90	276	56040	3.297	ng	97
88) Benzo(b)fluoranthene	15.03	252	196045m	11.358	ng	
89) Benzo(k)fluoranthene	15.06	252	43411m	2.694	ng	
90) Benzo(a)pyrene	15.39	252	90607	6.001	ng	100
92) Benzo(g,h,i)perylene	17.34	276	52861	3.868	ng	97

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

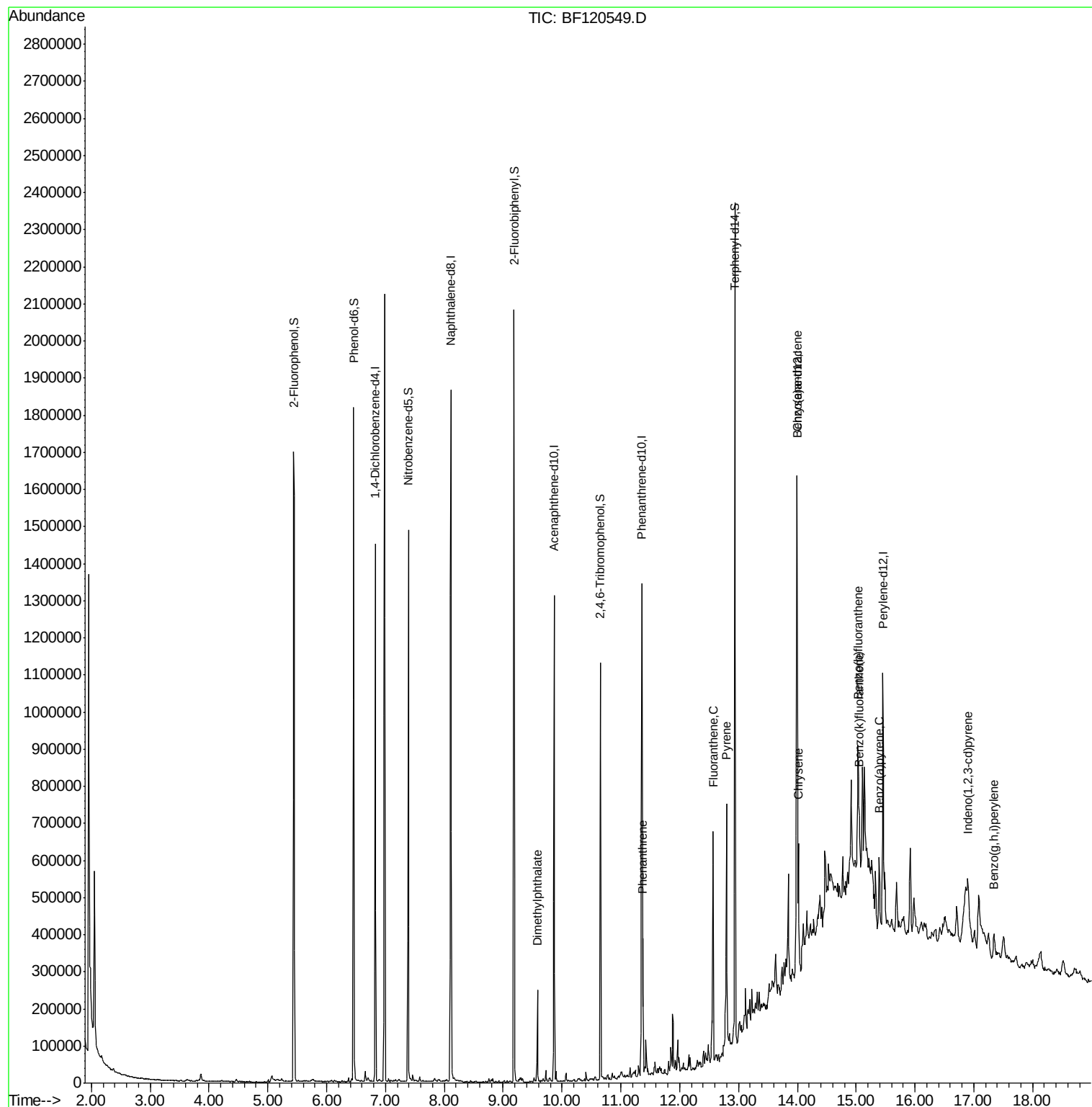
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
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ALS Vial : 22 Sample Multiplier: 1

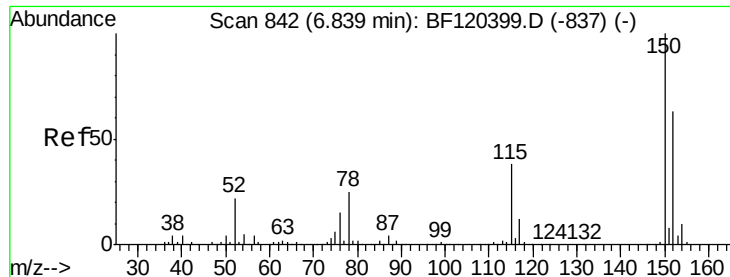
Instrument :
BNA_F
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NM7-COMP-2020-0-6RE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

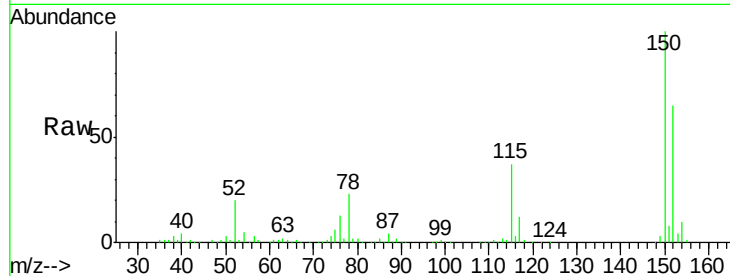
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6RE

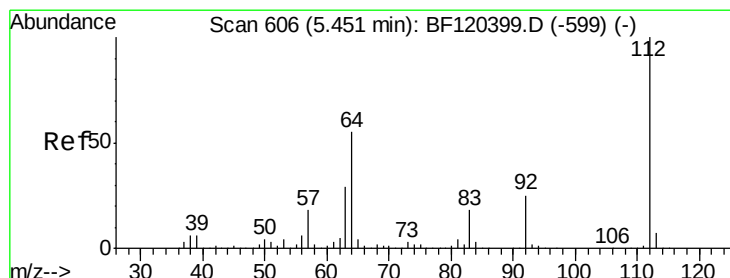
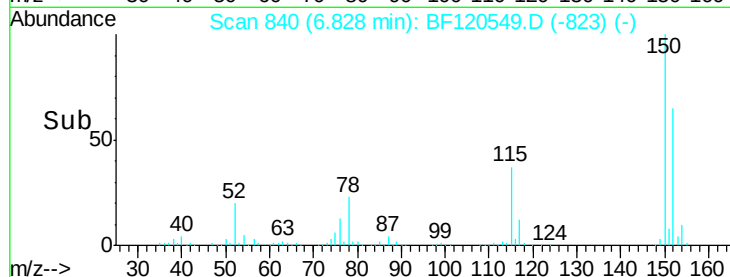
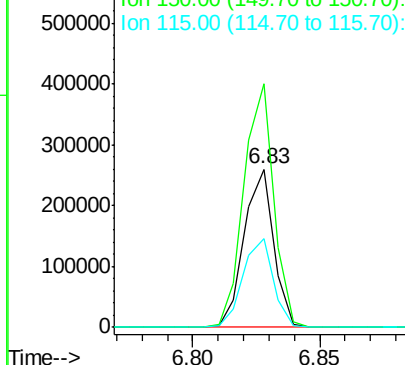
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.3	189.5
115	56.6	48.1	72.1

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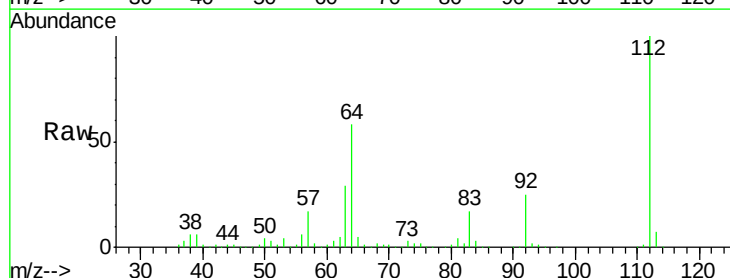
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



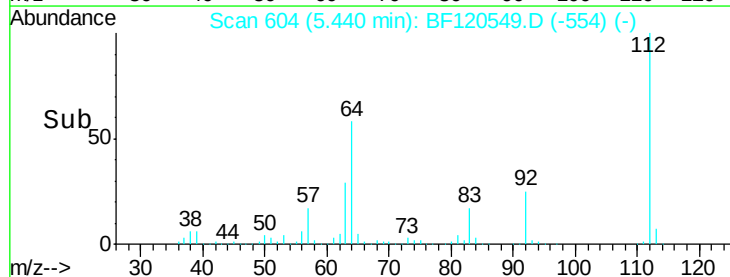
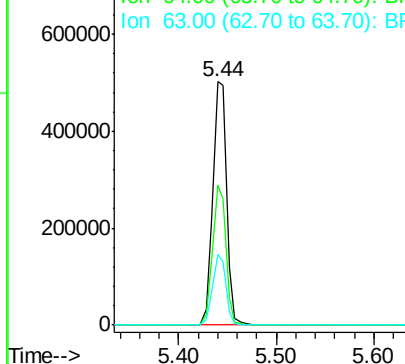
#5

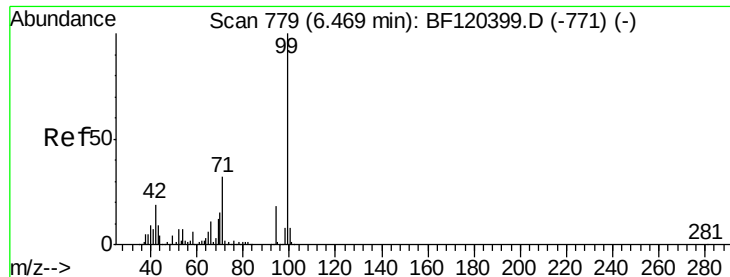
2-Fluorophenol
Concen: 44.771 ng
RT: 5.44 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.2	70.8
63	29.1	24.7	37.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 45.573 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120549.D

Acq: 4 Jun 2020 22:33

Instrument :

BNA_F

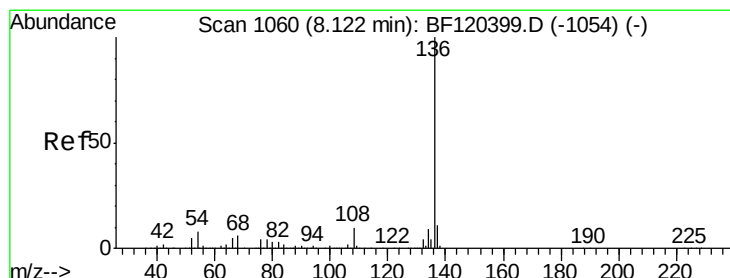
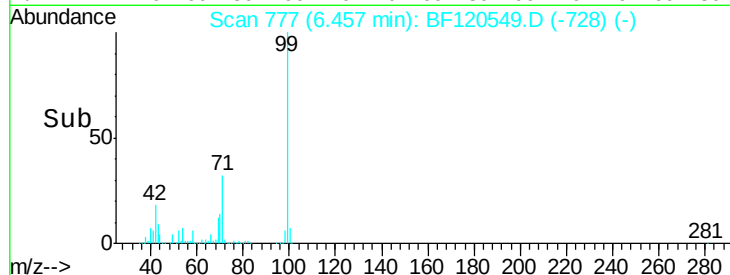
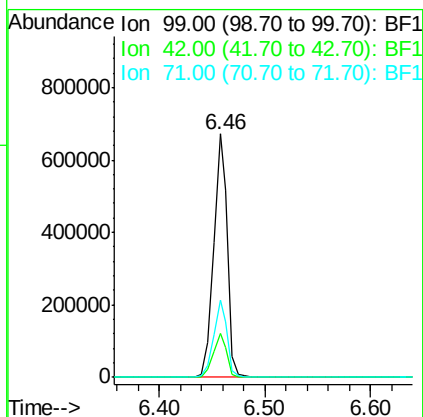
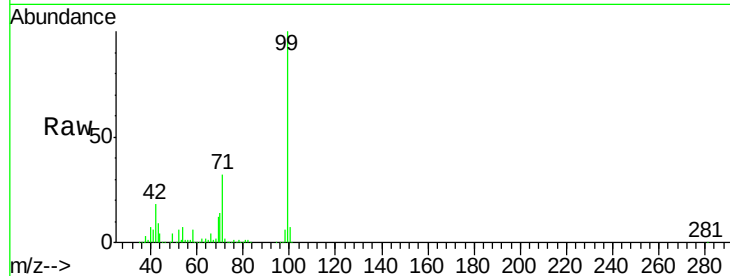
ClientSampleId :

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Tot Ion:	99	Resp:	619200
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.6
71	31.7	27.0	40.4

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#21

Naphthalene-d8

Concen: 20.000 ng

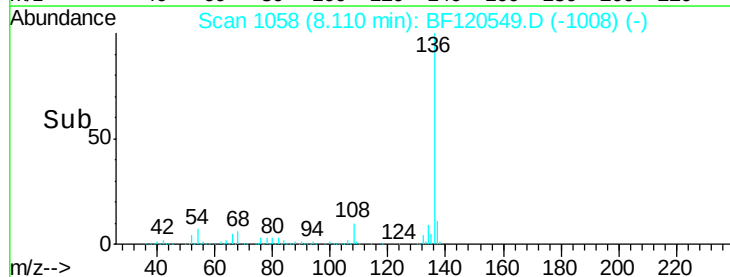
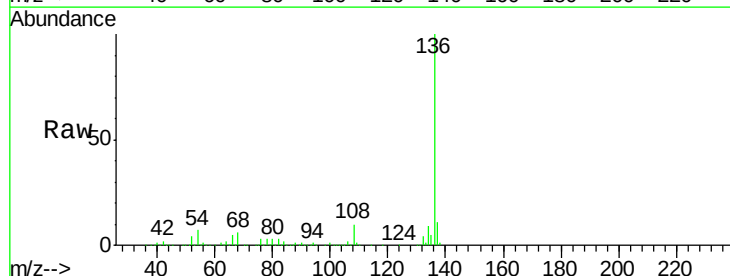
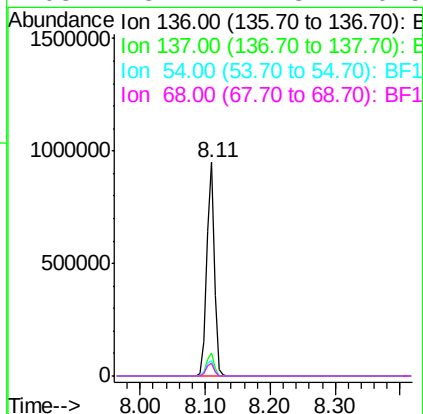
RT: 8.11 min Scan# 1058

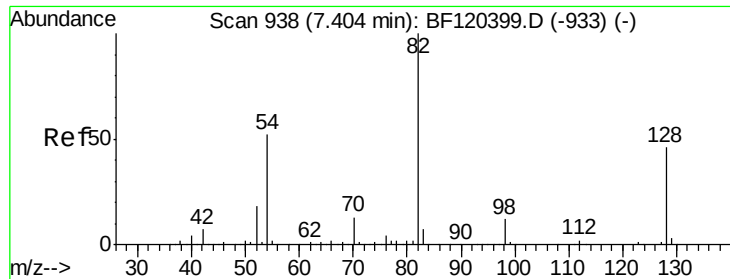
Delta R.T. -0.01 min

Lab File: BF120549.D

Acq: 4 Jun 2020 22:33

Tgt Ion:	136	Resp:	769315
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.4	8.0
68	5.7	4.3	6.5





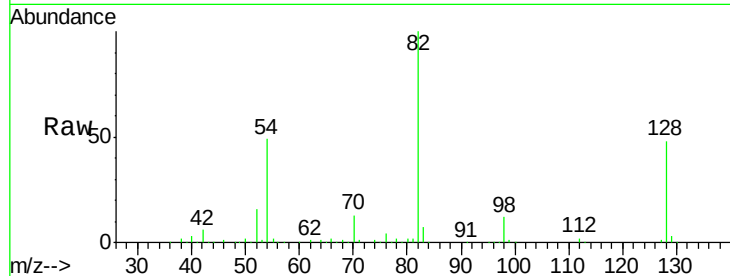
#23
 Nitrobenzene-d5
 Concen: 36.286 ng
 RT: 7.39 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF120549.D
 Acq: 4 Jun 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6RE

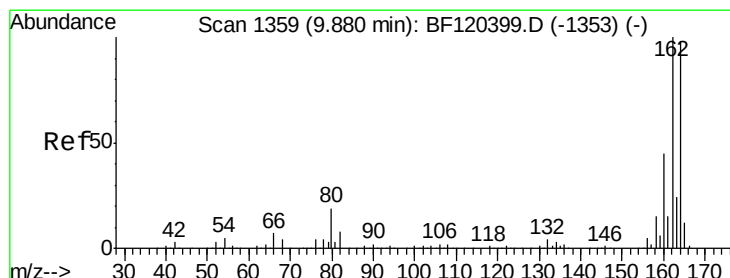
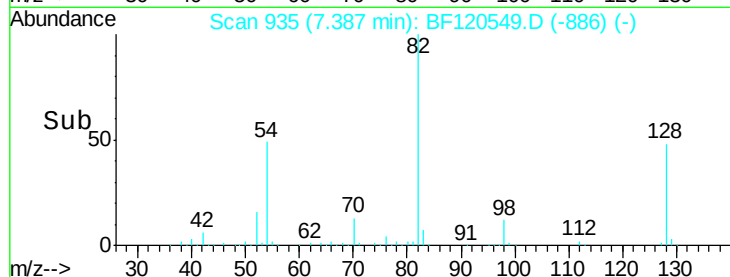
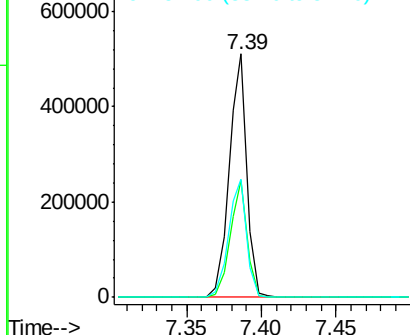
Tot Ion	82	Resp	426754
Ion Ratio	100	Lower	Upper
82	100		
128	47.8	36.7	55.1
54	48.7	40.0	60.0

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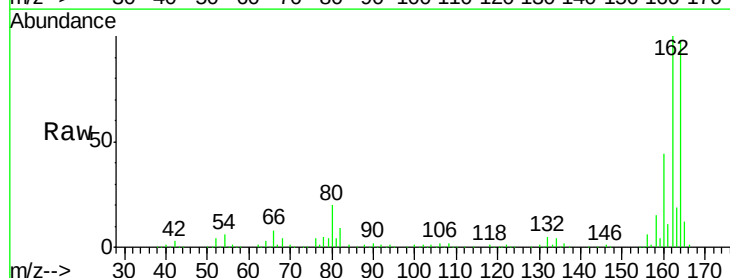


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

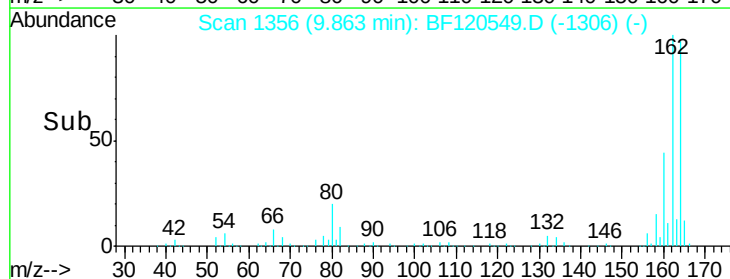
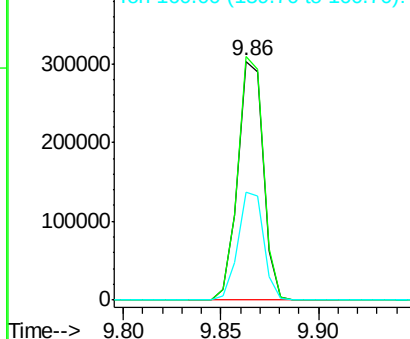


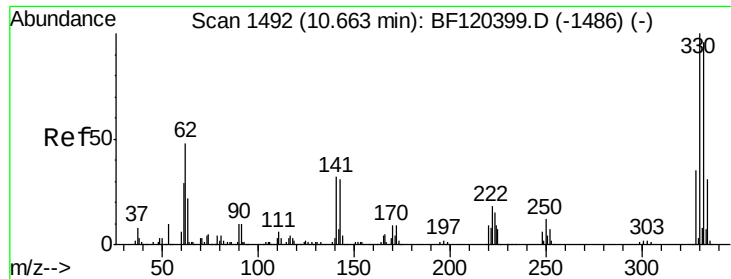
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF120549.D
 Acq: 4 Jun 2020 22:33

Tgt Ion	164	Resp	275994
Ion Ratio	100	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	45.4	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: 54.304 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120549.D

Acq: 4 Jun 2020 22:33

Instrument :

BNA_F

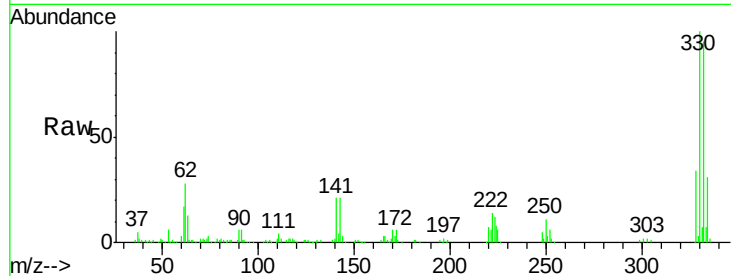
ClientSampleId :

NM7-COMP-2020-0-6RE

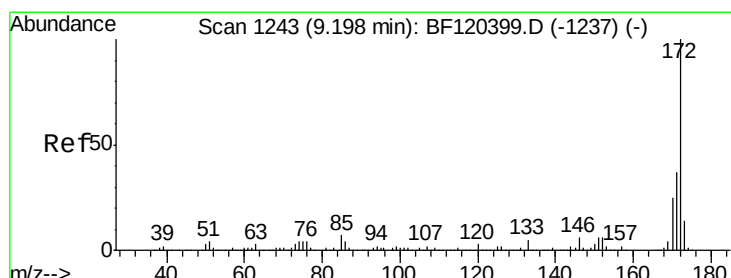
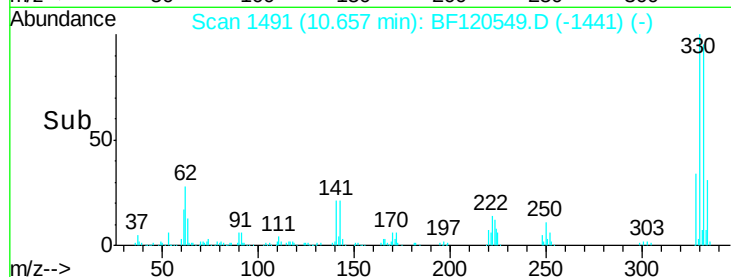
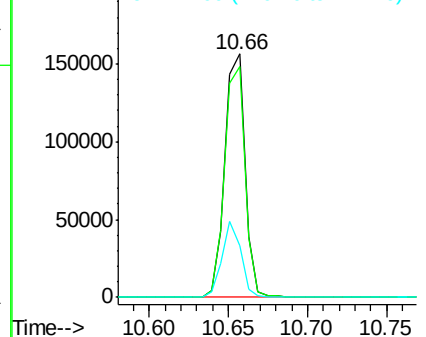
Tot Ion:	330	Resp:	138866
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.4
141	29.3	23.8	35.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 39.583 ng

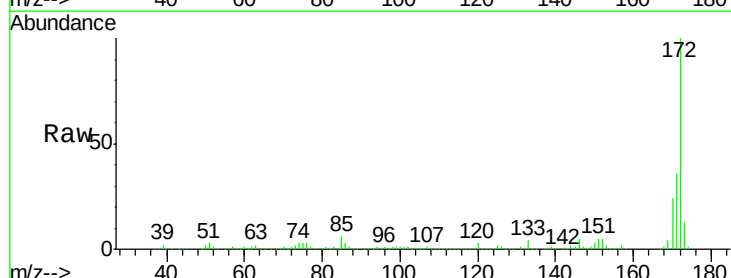
RT: 9.19 min Scan# 1241

Delta R.T. -0.01 min

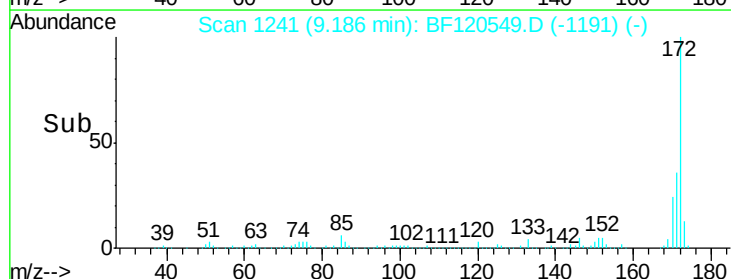
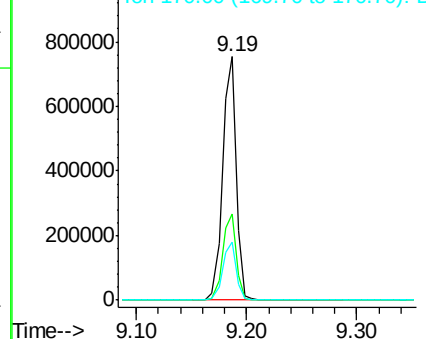
Lab File: BF120549.D

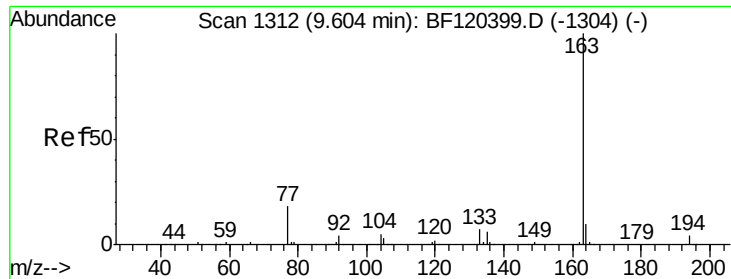
Acq: 4 Jun 2020 22:33

Tgt Ion:	172	Resp:	643874
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.5	44.3
170	24.0	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





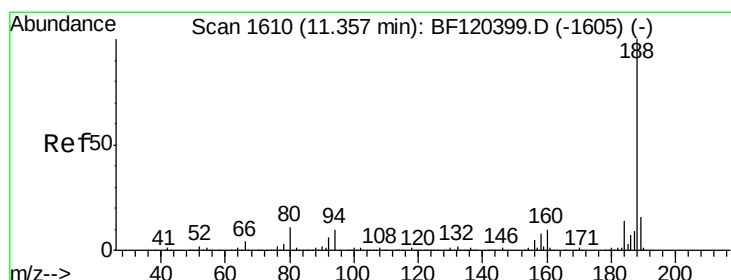
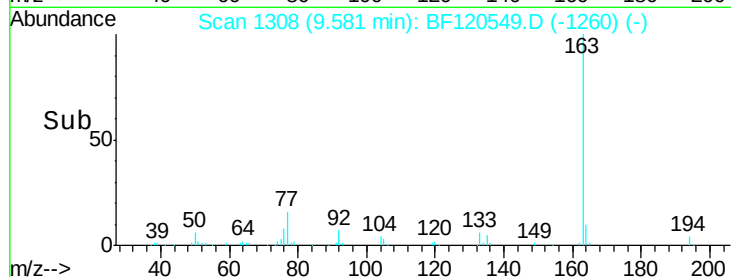
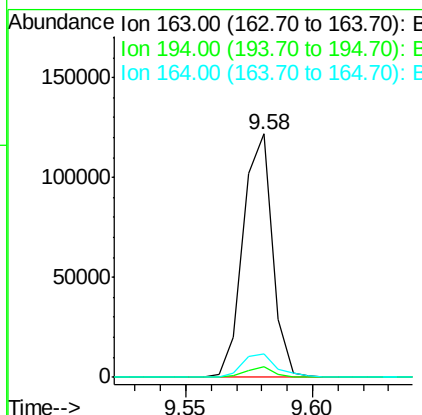
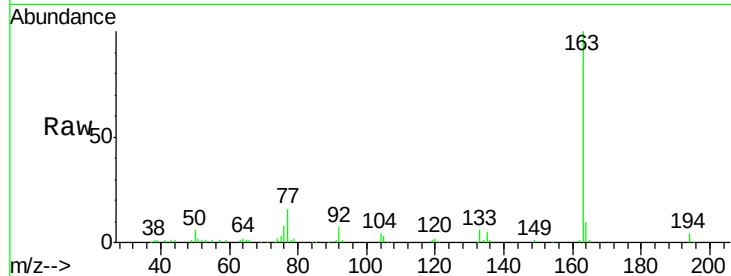
#50
Dimethylphthalate
Concen: 5.679 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.7	8.0	12.0

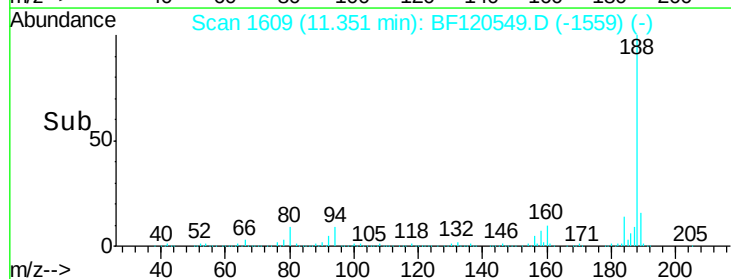
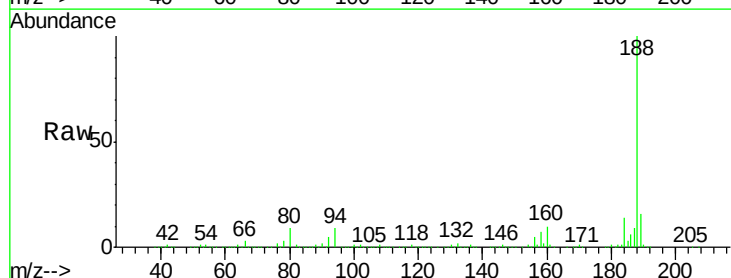
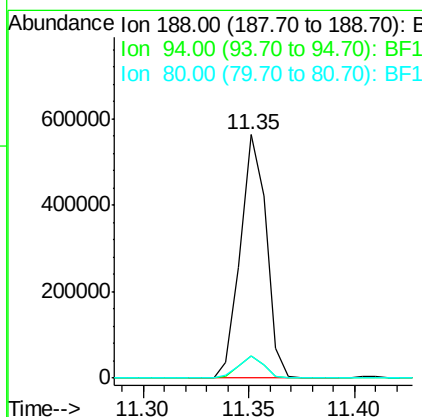
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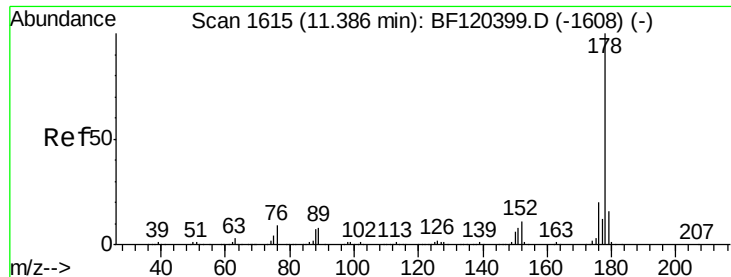
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.3	7.6	11.4





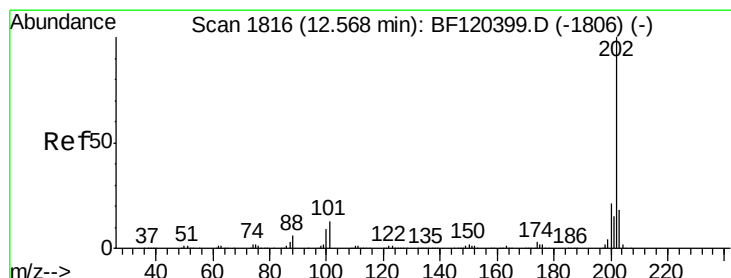
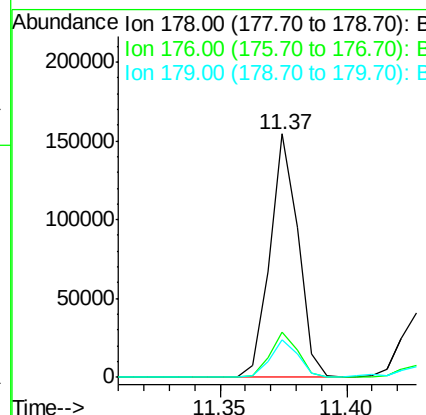
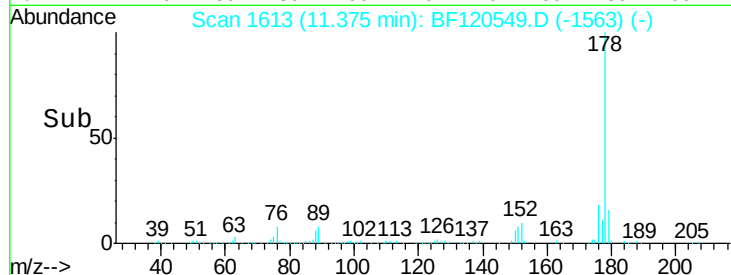
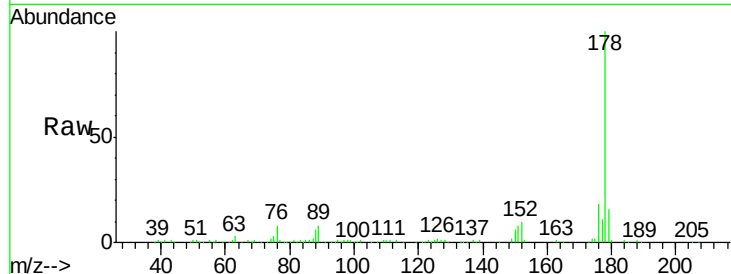
#71
Phenanthrene
Concen: 5.702 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.2
179	15.6	12.8	19.2

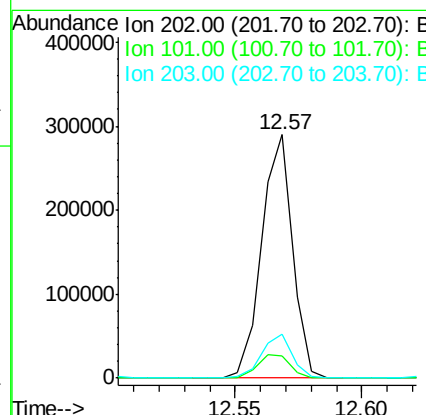
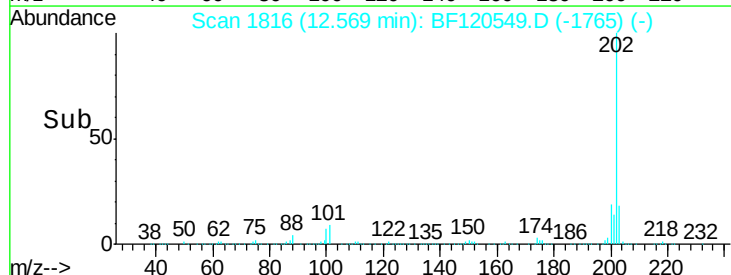
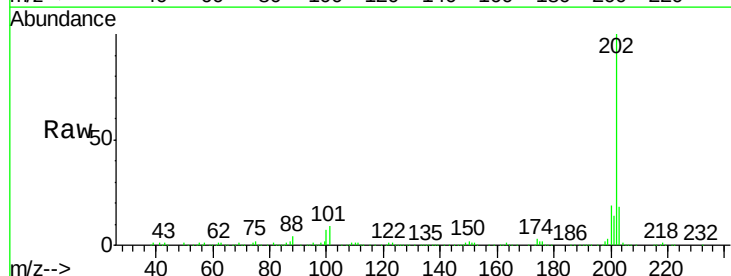
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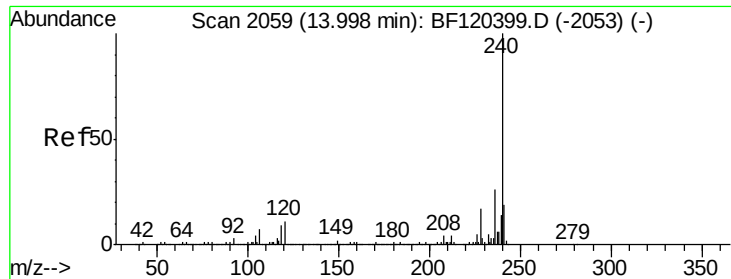
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#75
Fluoranthene
Concen: 10.801 ng
RT: 12.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.3
203	17.8	0.0	38.4





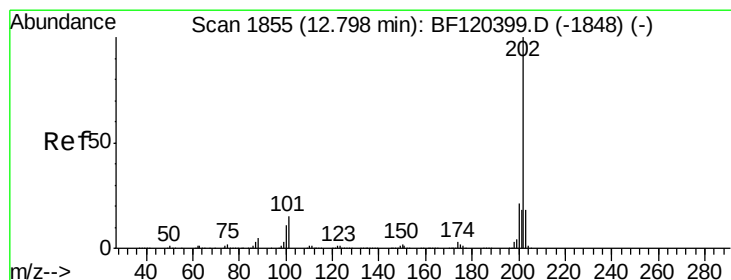
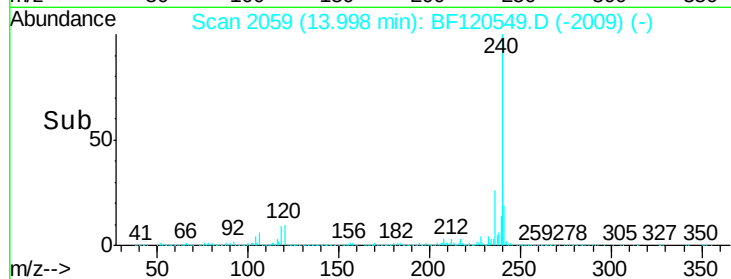
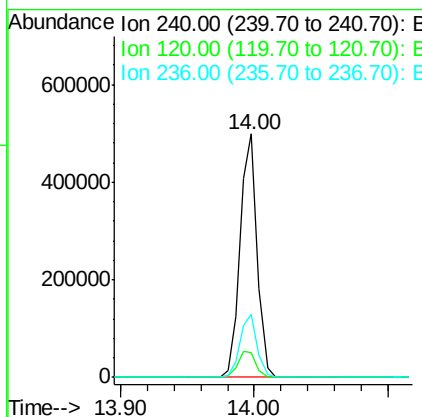
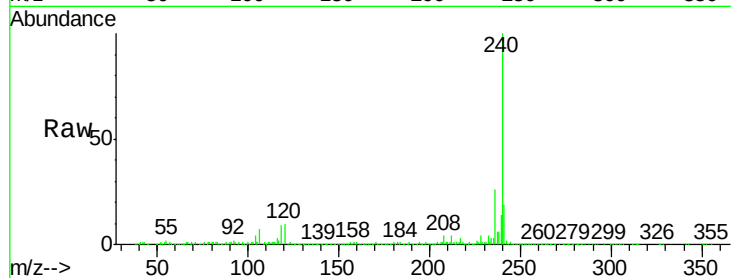
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.7	11.5
236	25.7	20.8	31.2

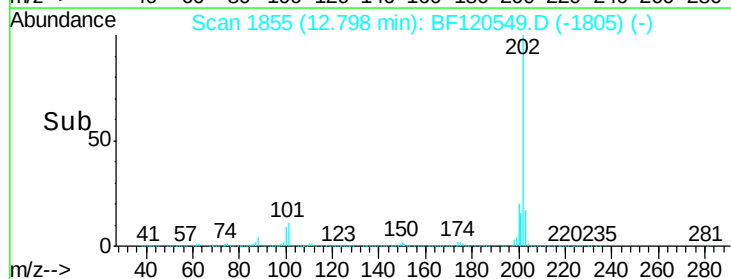
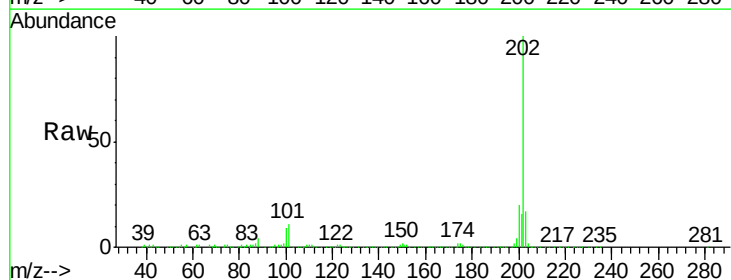
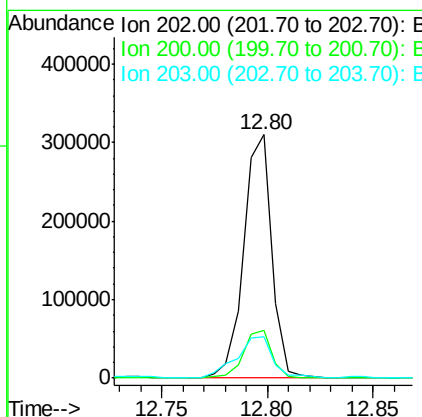
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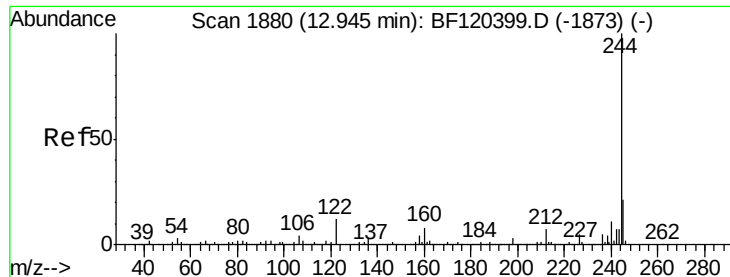
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#78
Pyrene
Concen: 9.299 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	17.1	14.2	21.2





#79

Terphenyl-d14

Concen: 37.997 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120549.D

Acq: 4 Jun 2020 22:33

Instrument :

BNA_F

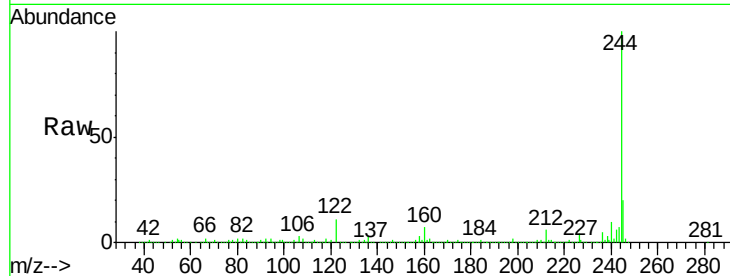
ClientSampleId :

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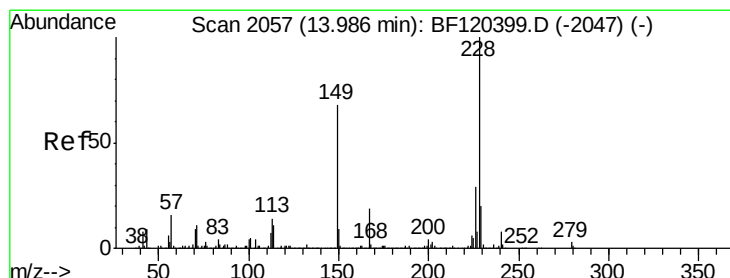
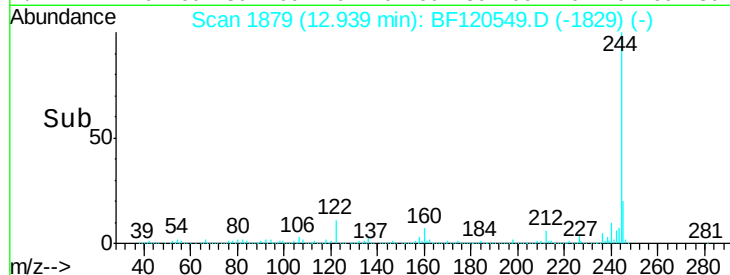
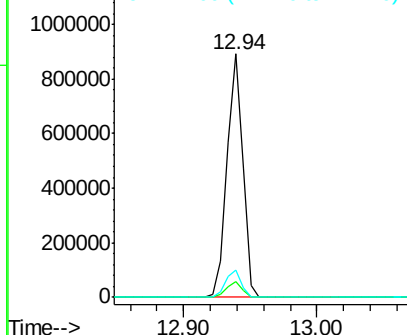
Tot Ion:	244	Resp:	751360
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.7	8.5
122	11.0	8.0	12.0

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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: 6.204 ng

RT: 13.99 min Scan# 2057

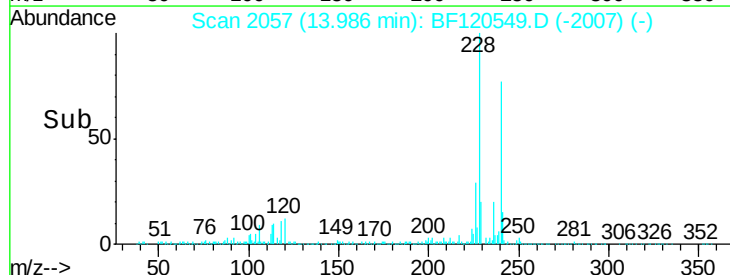
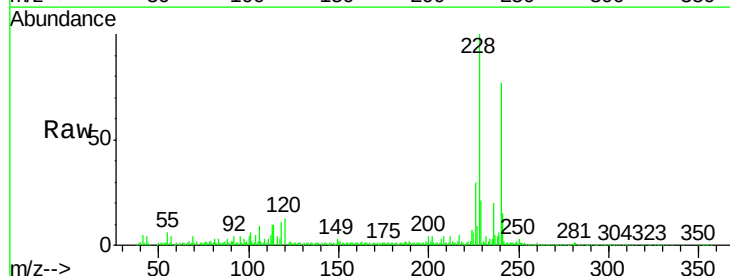
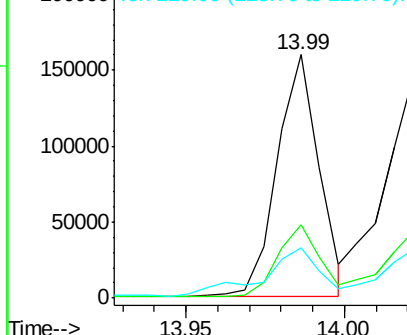
Delta R.T. -0.01 min

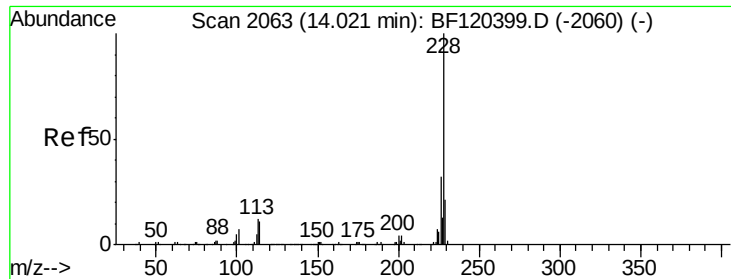
Lab File: BF120549.D

Acq: 4 Jun 2020 22:33

Tgt Ion:	228	Resp:	146298
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.4	33.6
229	20.7	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





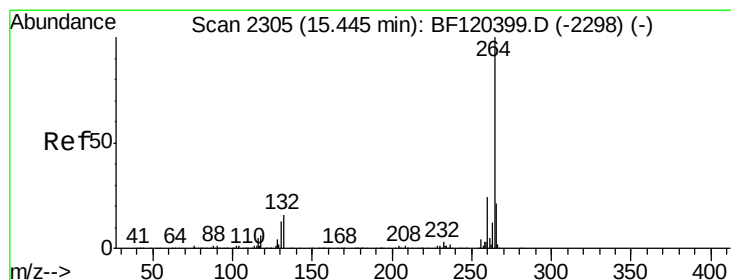
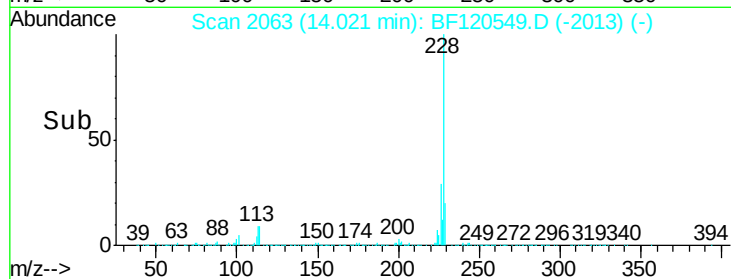
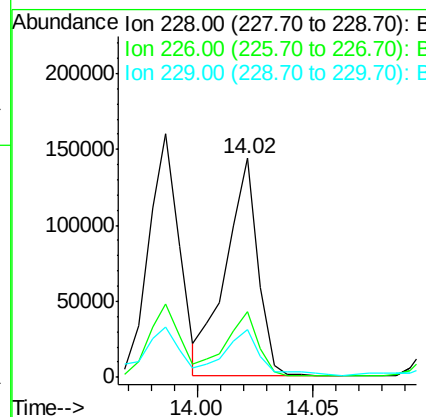
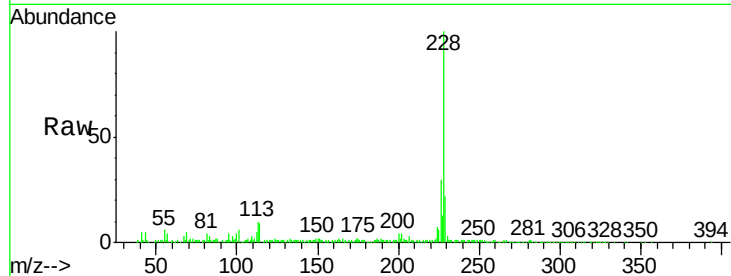
#83
Chrysene
Concen: 5.611 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	228	Resp:	138729
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.6	38.4
229	21.7	16.2	24.2

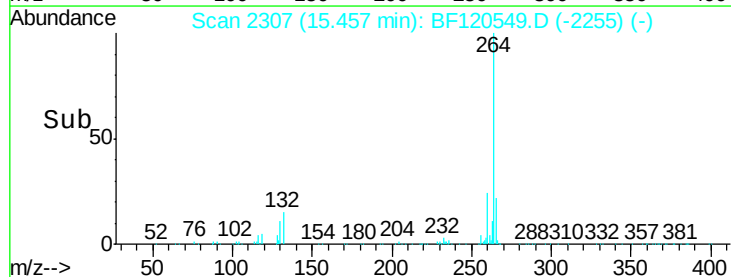
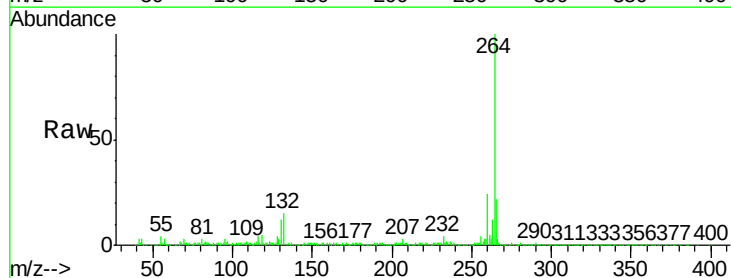
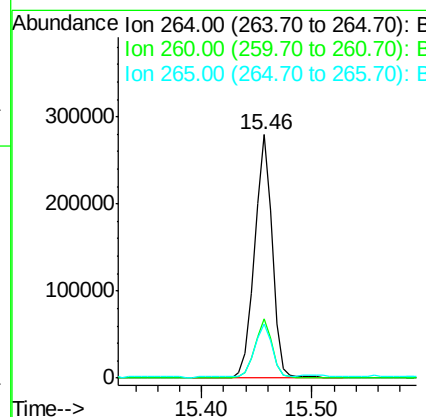
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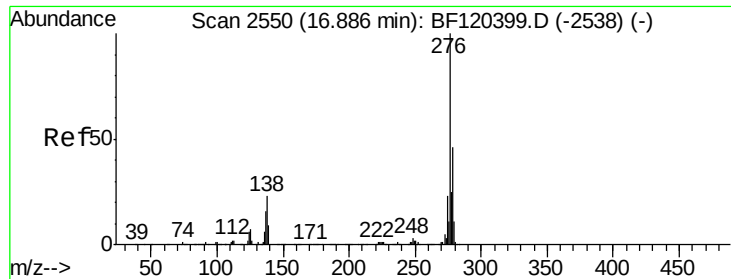
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Tgt Ion:	264	Resp:	310769
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	22.0	17.5	26.3





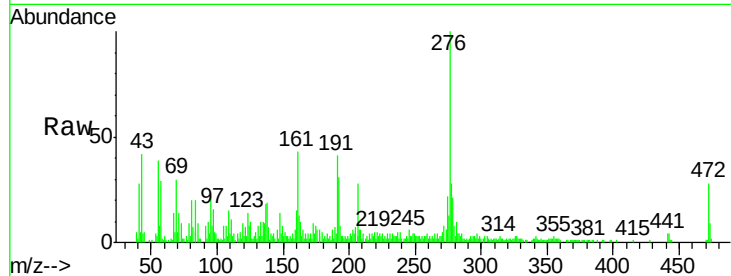
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.297 ng
RT: 16.90 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.2	28.8
277	25.7	20.3	30.5

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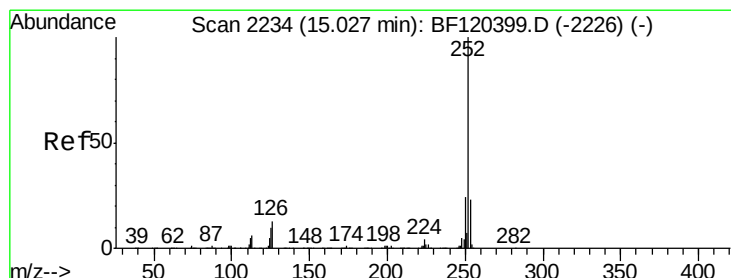
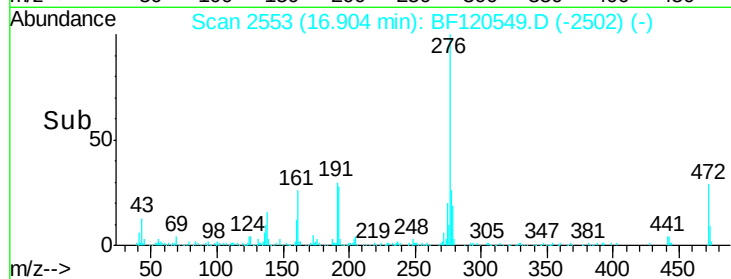
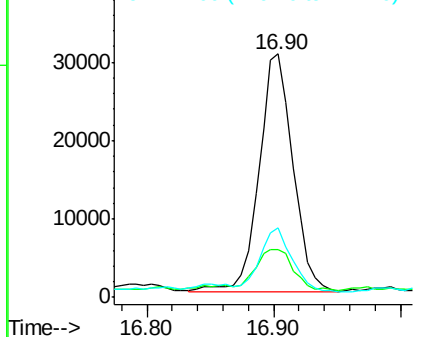


Abundance

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: 11.358 ng m
RT: 15.03 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

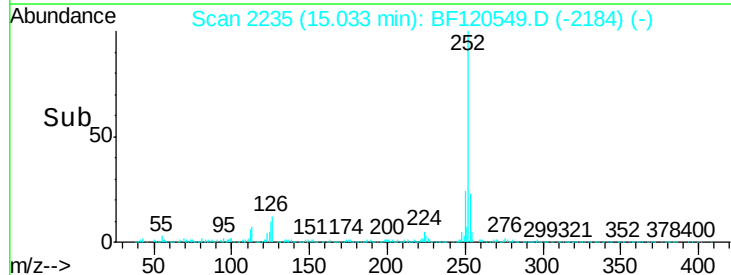
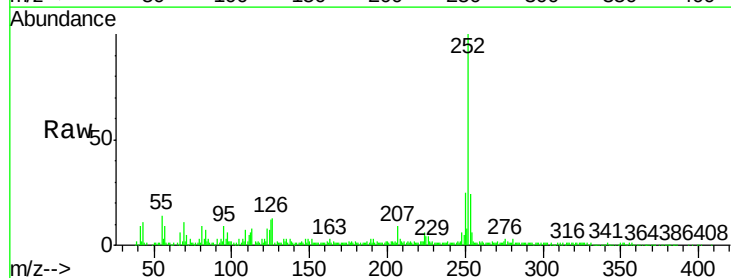
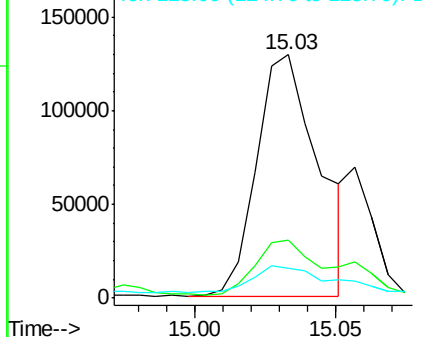
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.1	8.3	12.5

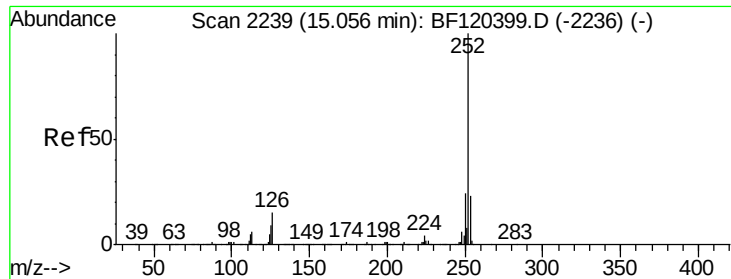
Abundance

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





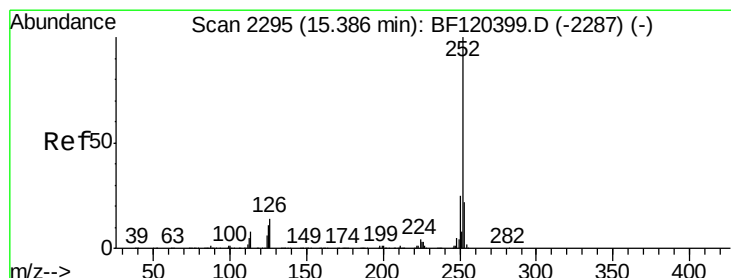
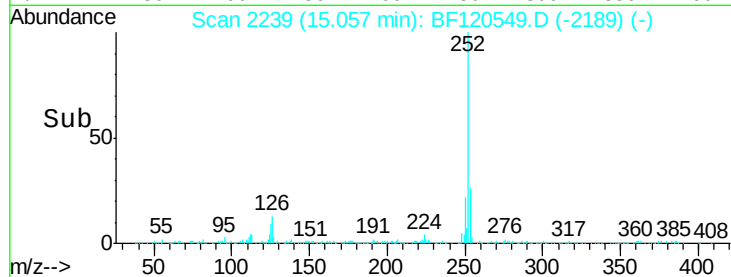
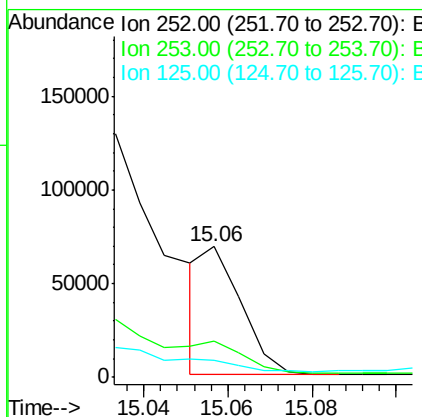
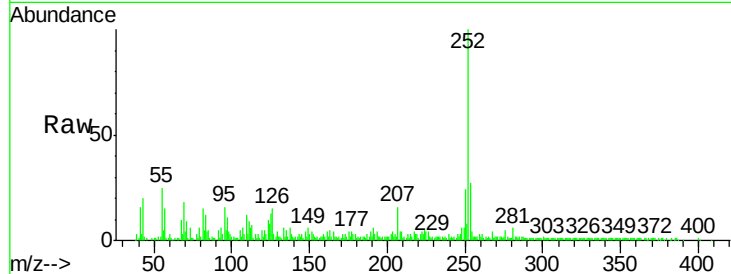
#89
Benzo(k)fluoranthene
Concen: 2.694 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.4	27.6
125	13.0	8.6	13.0

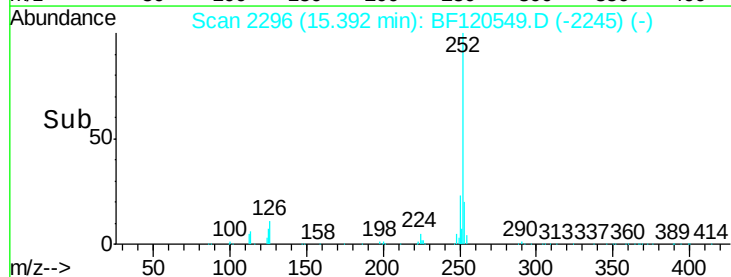
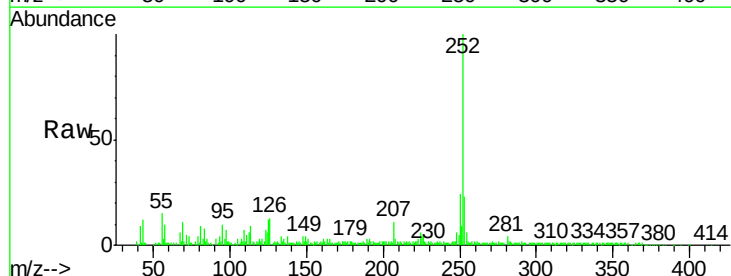
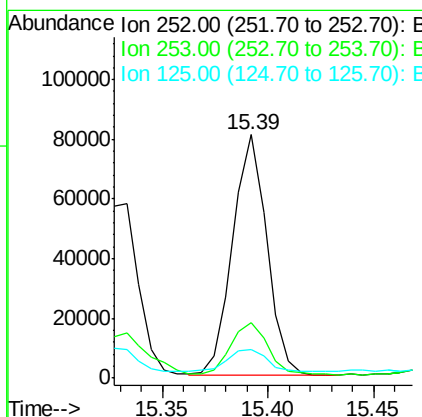
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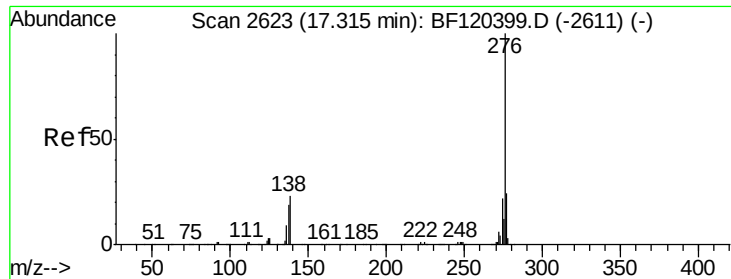
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#90
Benzo(a)pyrene
Concen: 6.001 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF120549.D
Acq: 4 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.7	9.6	14.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.868 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF120549.D
 Acq: 4 Jun 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6RE

Tot Ion:	276	Resp:	52861
Ion Ratio	Lower	Upper	
276	100		
277	26.2	19.3	28.9
138	20.6	16.9	25.3

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