

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
 Data File : BF120269.D
 Acq On : 1 May 2020 20:18
 Operator : MA/SJ
 Sample : L2457-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1340

Manual Integrations
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Quant Time: May 04 09:38:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	108984	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	441377m	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	37694m	20.00	ng	0.00
64) Phenanthrene-d10	11.45	188	110876m	20.00	ng	0.27
76) Chrysene-d12	13.90	240	187861m	20.00	ng	0.07
87) Perylene-d12	15.25	264	322790	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	486198	77.10	ng	-0.01
7) Phenol-d6	6.30	99	593967	73.10	ng	-0.01
23) Nitrobenzene-d5	7.22	82	436786	51.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	89023m	192.90	ng	0.19
45) 2-Fluorobiphenyl	9.02	172	232727	87.66	ng	0.00
79) Terphenyl-d14	12.94	244	340274	30.48	ng	0.17
Target Compounds						Qvalue
75) Fluoranthene	12.64	202	159849m	25.11	ng	
78) Pyrene	12.85	202	120240m	7.59	ng	
81) Benzo(a)anthracene	13.89	228	159319m	12.89	ng	
83) Chrysene	13.92	228	123933m	9.87	ng	
84) Bis(2-ethylhexyl)phthalate	13.86	149	586293m	56.34	ng	
86) Indeno(1,2,3-cd)pyrene	16.58	276	115389	10.42	ng	97
88) Benzo(b)fluoranthene	14.86	252	267580m	11.52	ng	
89) Benzo(k)fluoranthene	14.88	252	79513m	3.97	ng	
90) Benzo(a)pyrene	15.19	252	149573	7.66	ng	# 88
92) Benzo(g,h,i)perylene	16.99	276	90883	5.32	ng	95

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

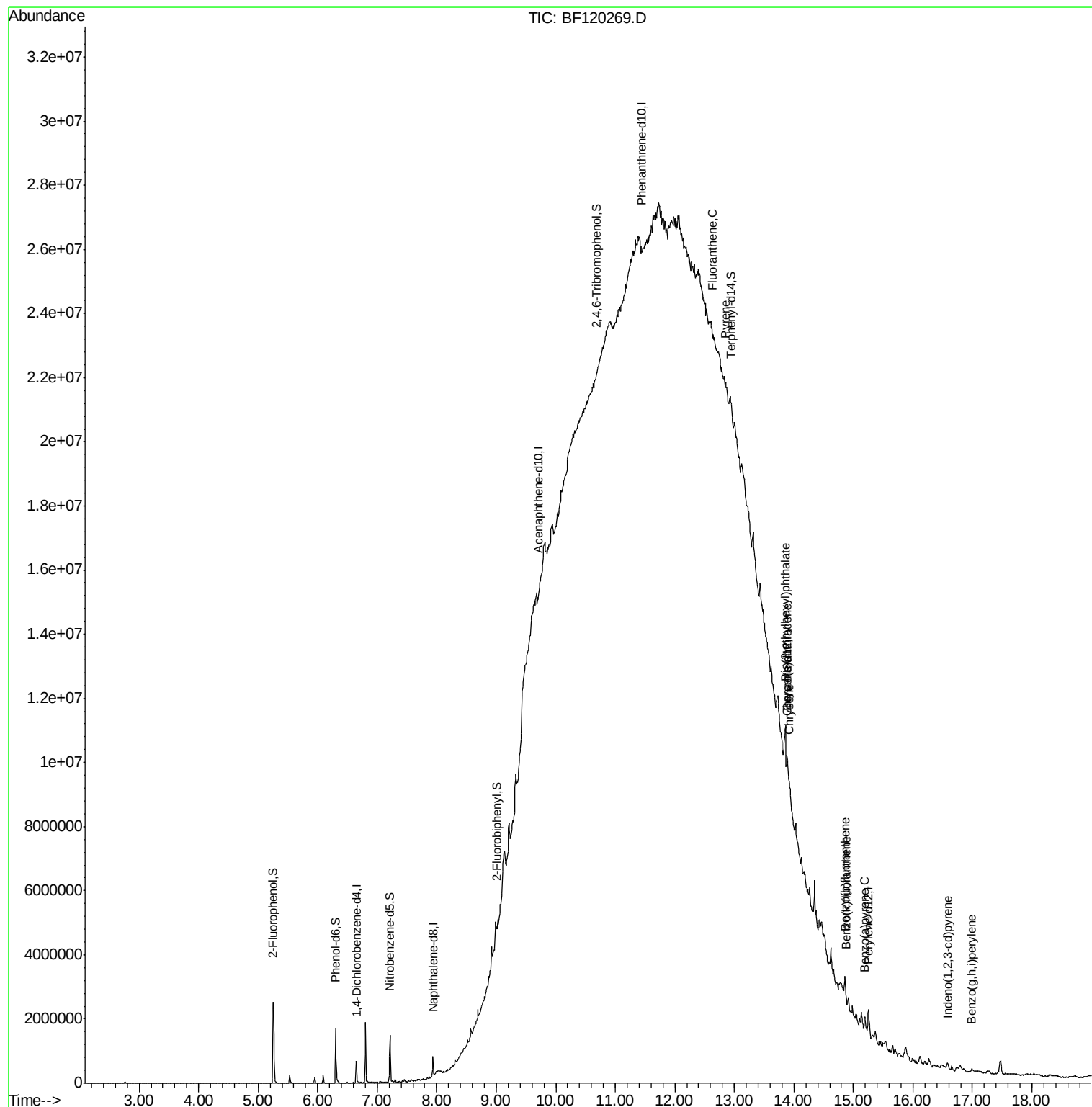
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Data File : BF120269.D
Acq On : 1 May 2020 20:18
Operator : MA/SJ
Sample : L2457-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

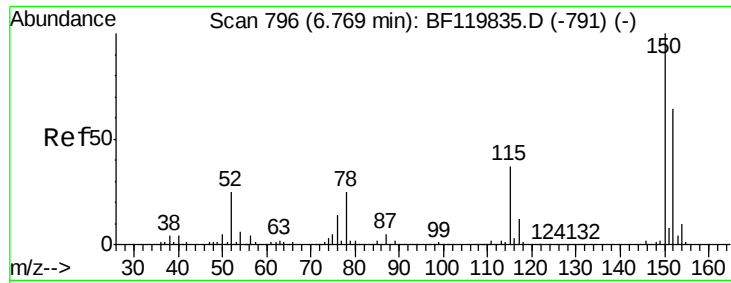
Instrument :
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1340

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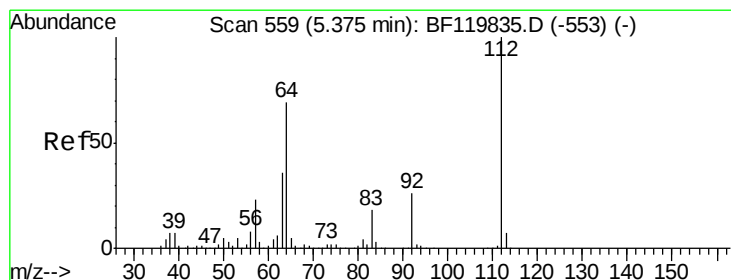
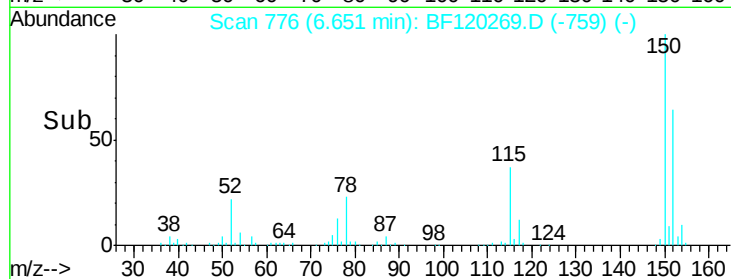
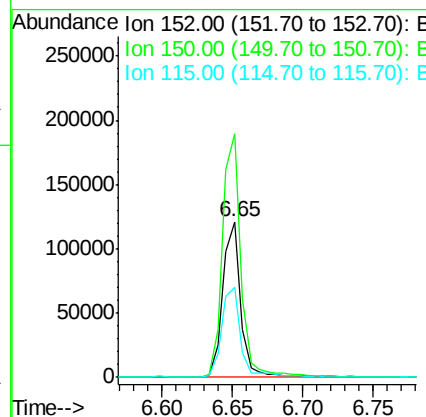
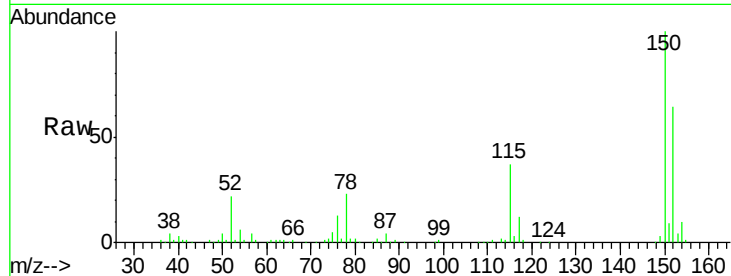
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Instrument :
 BNA_F
 ClientSampled :
 1340

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.5	186.7
115	57.6	49.6	74.4

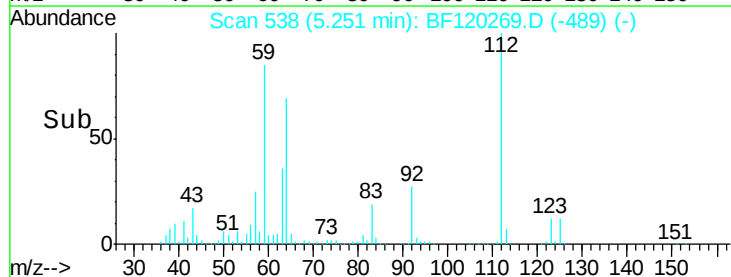
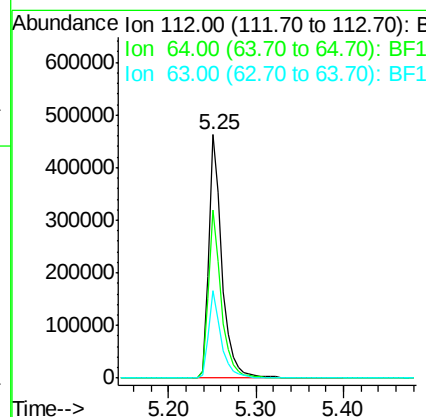
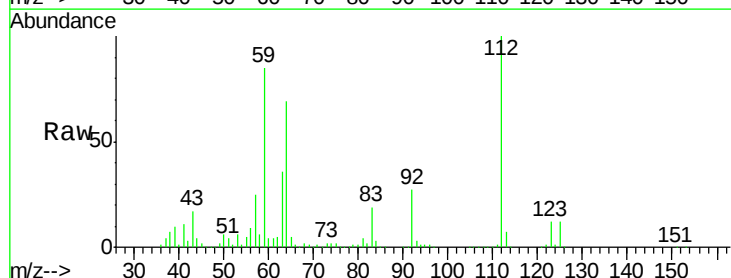
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#5
 2-Fluorophenol
 Concen: 77.10 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.7	85.1
63	35.9	29.5	44.3





#7

Phenol-d6

Concen: 73.10 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120269.D

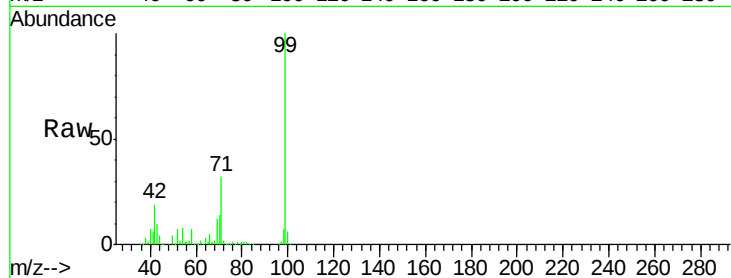
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Instrument :

BNA_F

ClientSampleId :

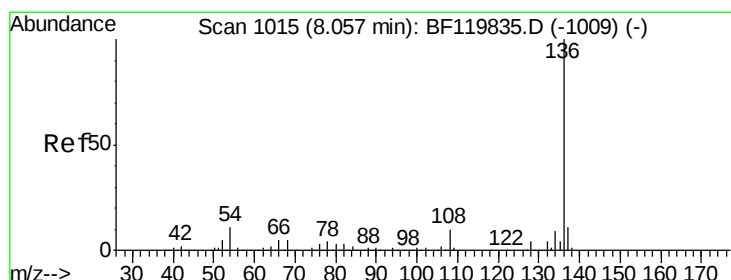
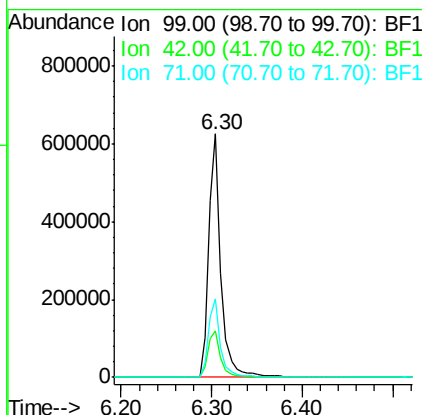
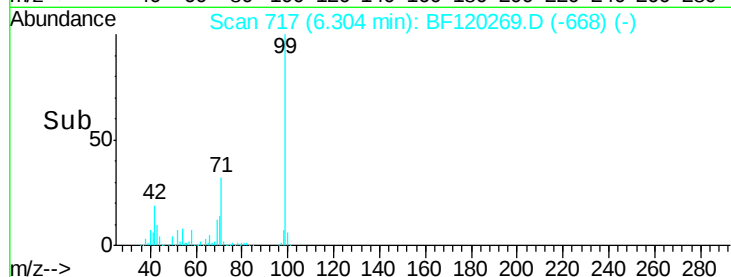
1340



Tgt Ion:	99	Resp:	593967
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.6	24.8
71	32.0	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.00 ng m

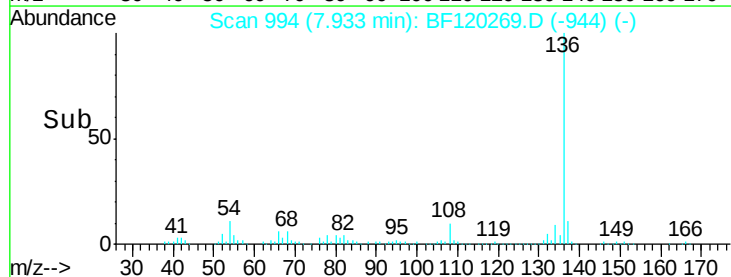
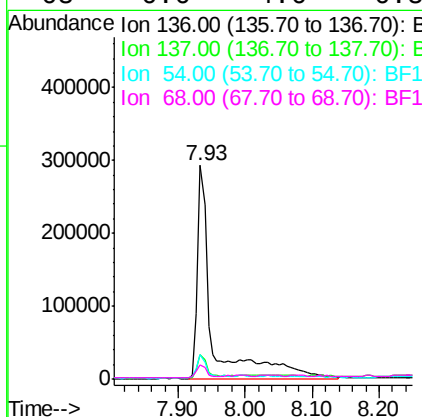
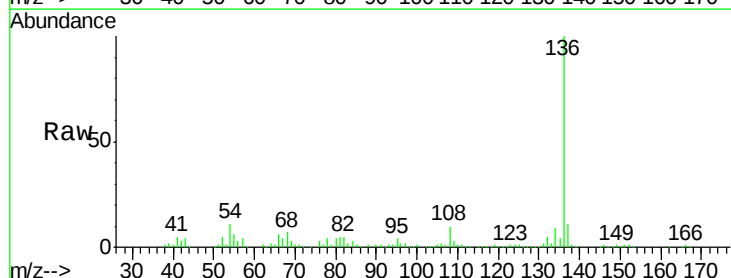
RT: 7.93 min Scan# 994

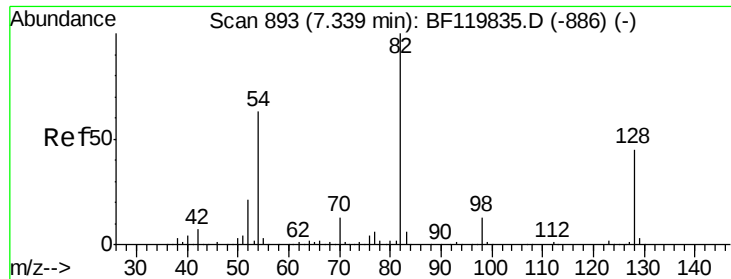
Delta R.T. -0.01 min

Lab File: BF120269.D

Acq: 1 May 2020 20:18

Tgt Ion:	136	Resp:	441377
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	11.5	9.1	13.7
68	6.6	4.6	6.8





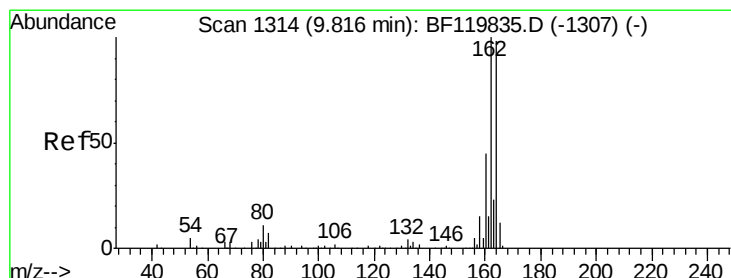
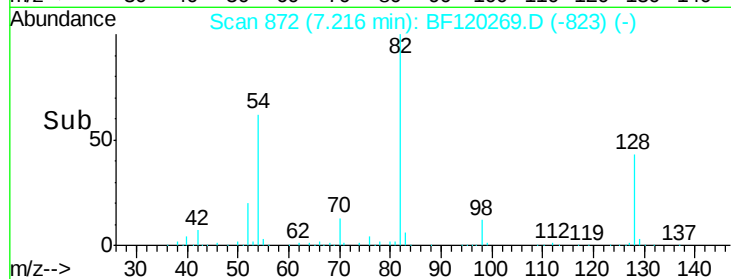
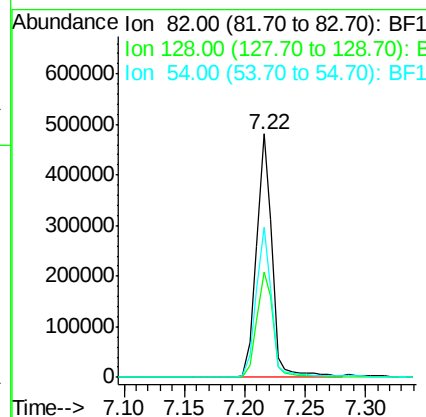
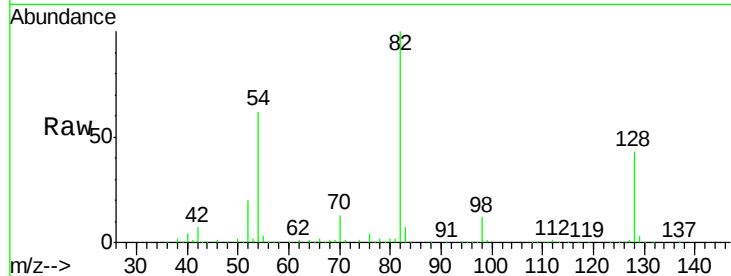
#23
 Nitrobenzene-d5
 Concen: 51.20 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1340

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	436786		
128	43.5	36.3	54.5	
54	61.8	50.6	75.8	

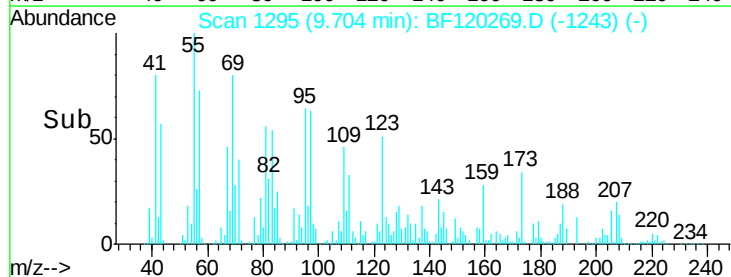
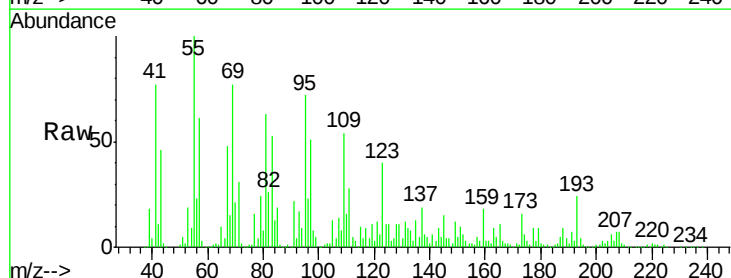
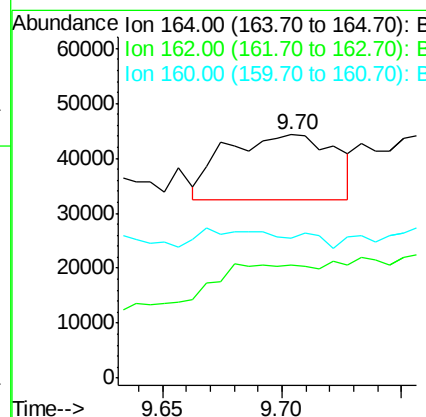
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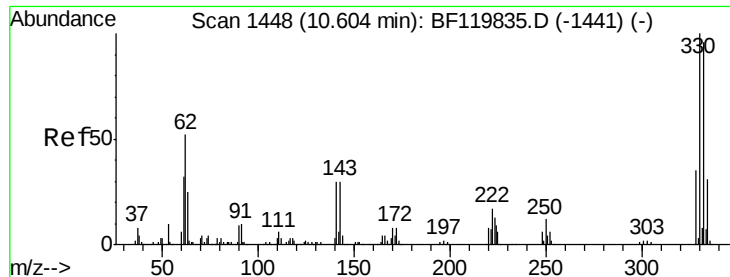
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#39
 Acenaphthene-d10
 Concen: 20.00 ng m
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37694		
162	46.7	80.6	121.0#	
160	57.5	35.7	53.5#	





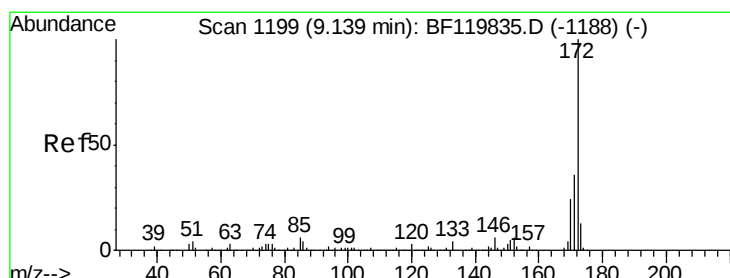
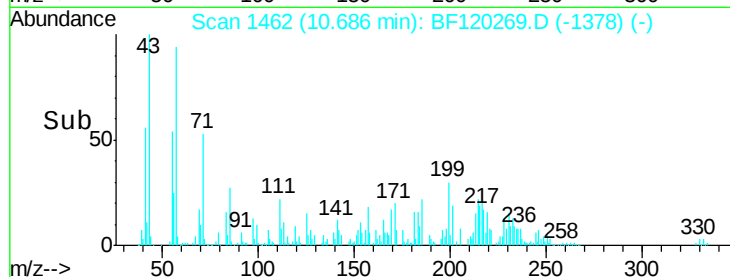
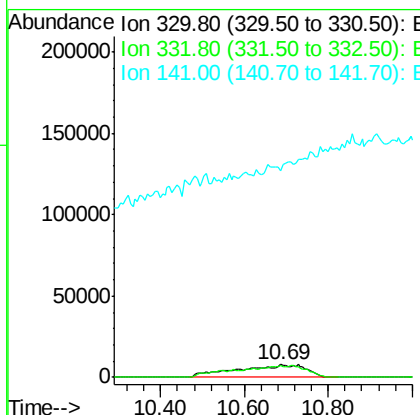
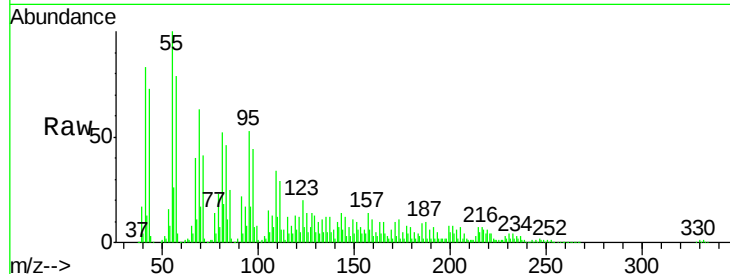
#42
 2,4,6-Tribromophenol
 Concen: 192.90 ng m
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.19 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1340

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	75.7	113.5#
141	27.7	25.4	38.0

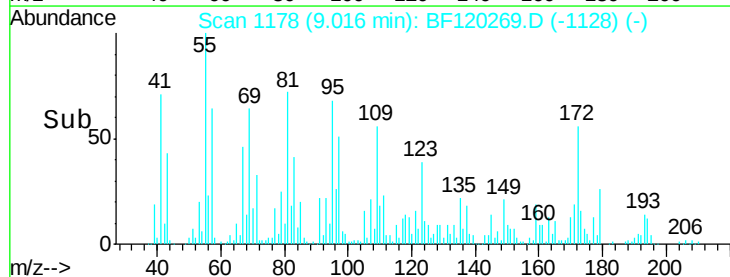
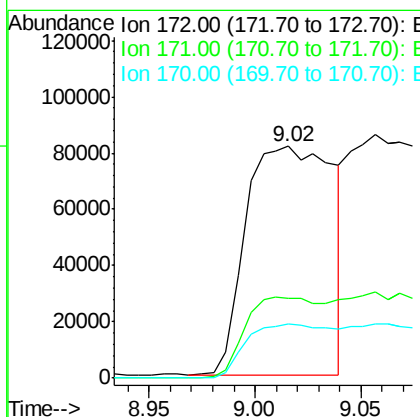
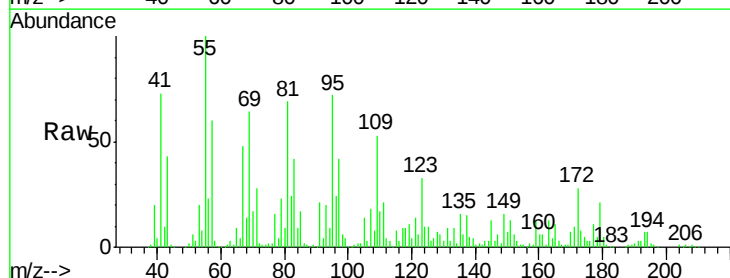
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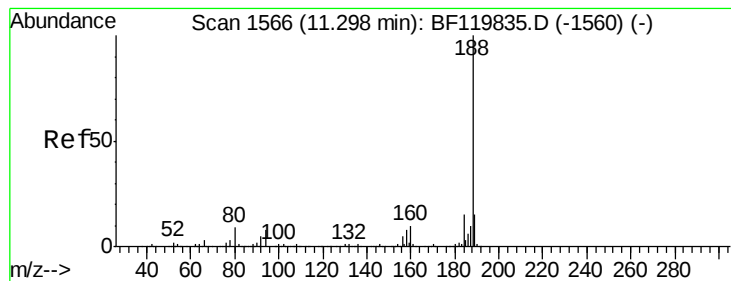
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#45
 2-Fluorobiphenyl
 Concen: 87.66 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.4	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.00 ng m

RT: 11.45 min Scan# 1592

Delta R.T. 0.27 min

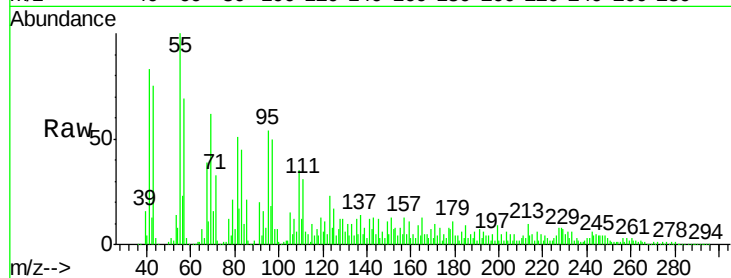
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Acq: 1 May 2020 20:18

Instrument :

BNA_F

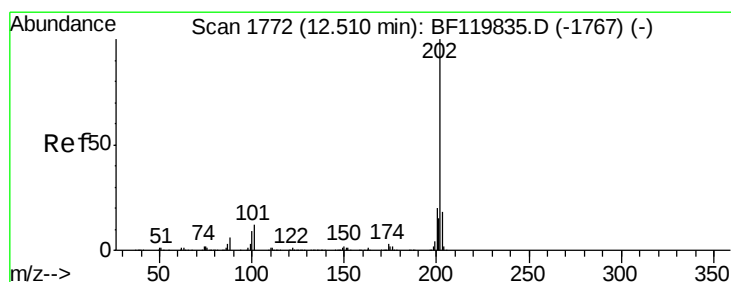
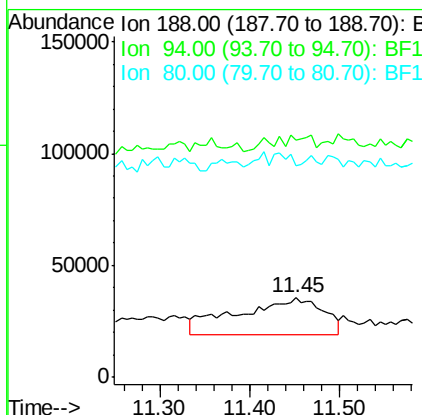
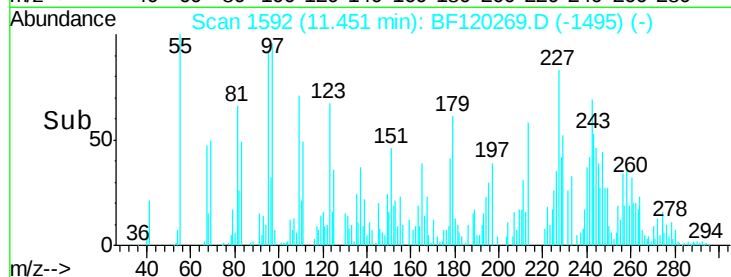
ClientSampleId :
1340



Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	298.9	7.5	11.3#	
80	267.0	9.0	13.4#	

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#75

Fluoranthene

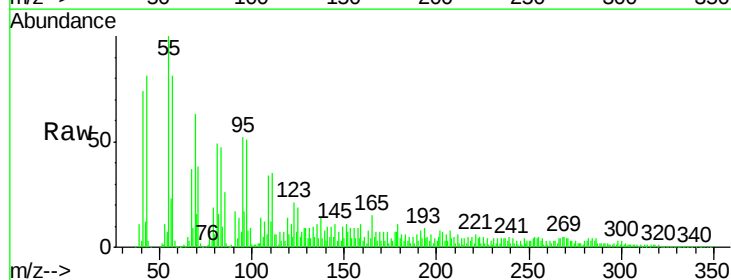
Concen: 25.11 ng m

RT: 12.64 min Scan# 1794

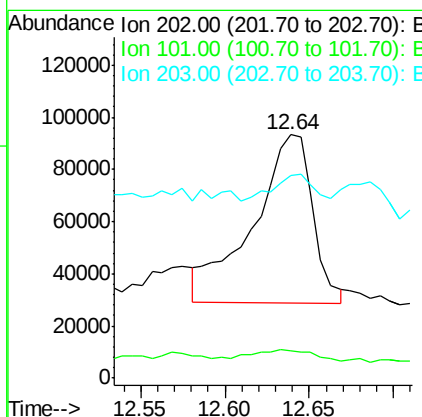
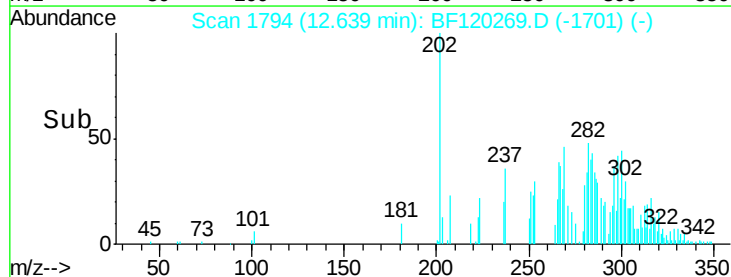
Delta R.T. 0.25 min

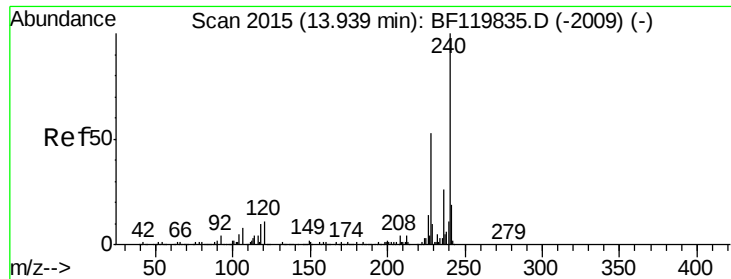
Lab File: BF120269.D

Acq: 1 May 2020 20:18



Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.0	0.0	32.2	
203	83.2	0.0	38.8#	





#76

Chrysene-d12

Concen: 20.00 ng m

RT: 13.90 min Scan# 2008

Delta R.T. 0.07 min

Lab File: BF120269.D

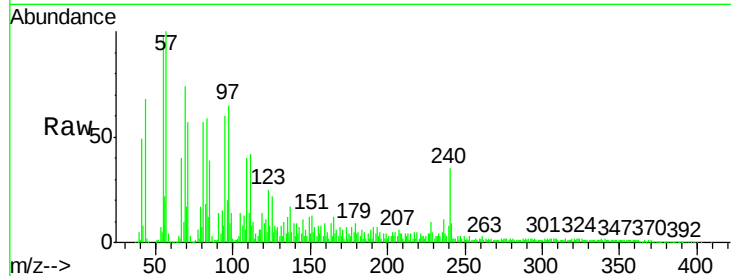
Acq: 1 May 2020 20:18

Instrument :

BNA_F

ClientSampleId :

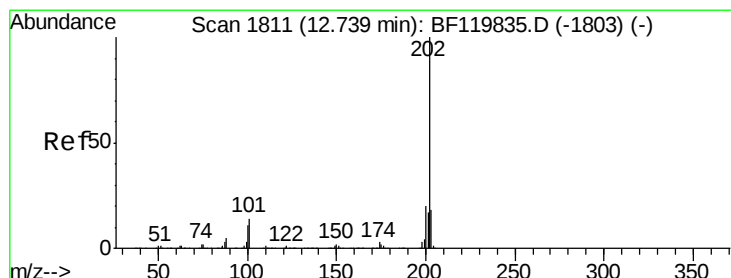
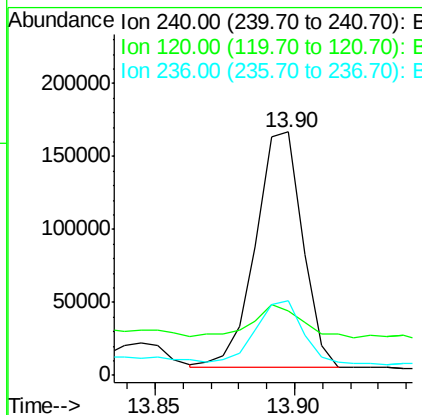
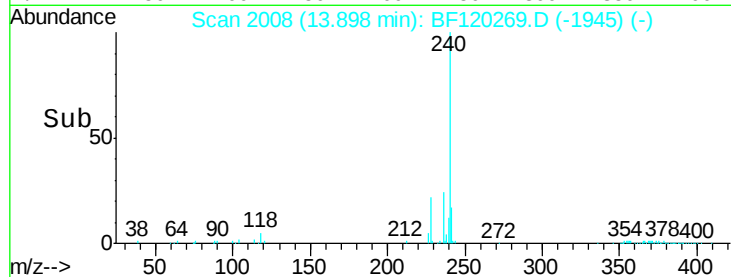
1340



Tgt Ion:	240	Resp:	187861
Ion Ratio	Lower	Upper	
240	100		
120	26.5	10.6	15.8#
236	30.7	20.2	30.2#

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#78

Pyrene

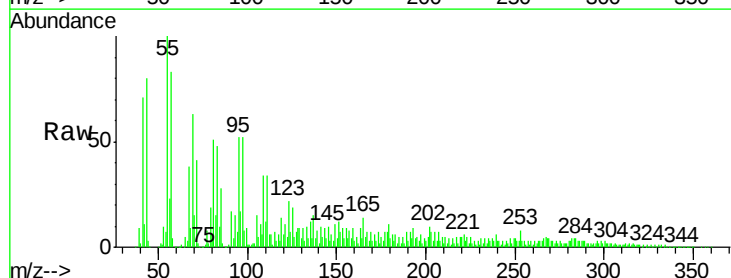
Concen: 7.59 ng m

RT: 12.85 min Scan# 1830

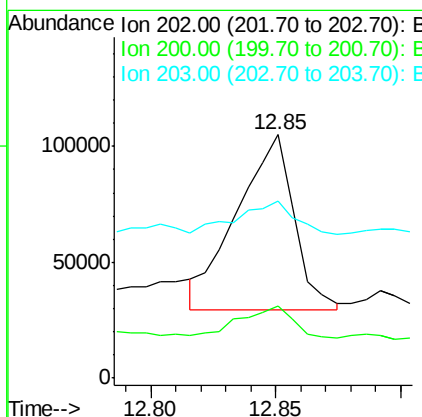
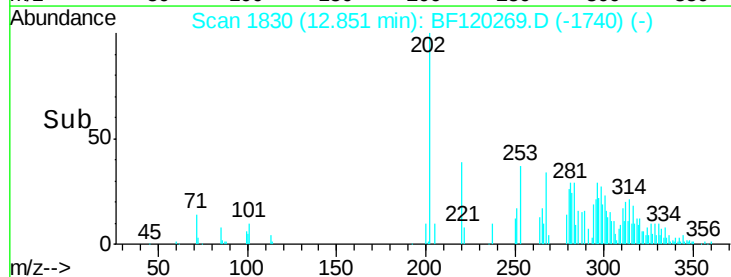
Delta R.T. 0.23 min

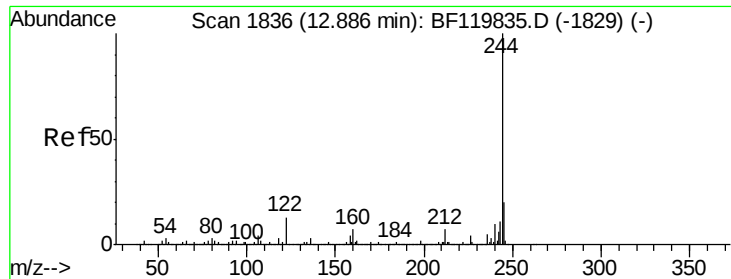
Lab File: BF120269.D

Acq: 1 May 2020 20:18



Tgt Ion:	202	Resp:	120240
Ion Ratio	Lower	Upper	
202	100		
200	29.5	16.8	25.2#
203	72.5	15.1	22.7#





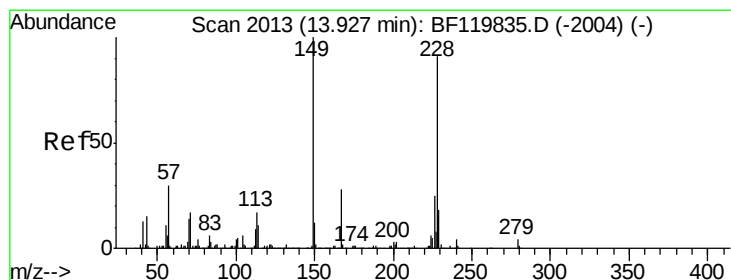
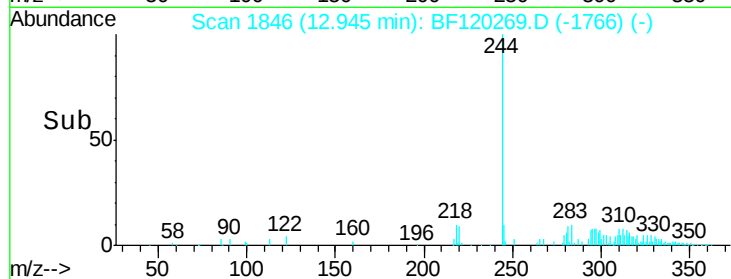
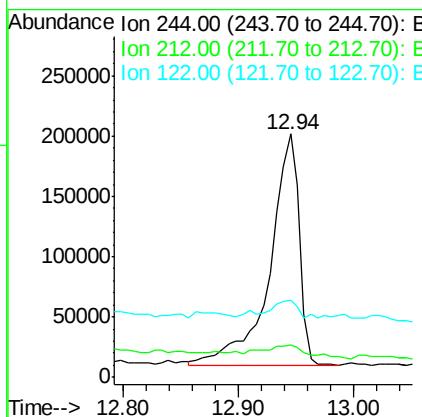
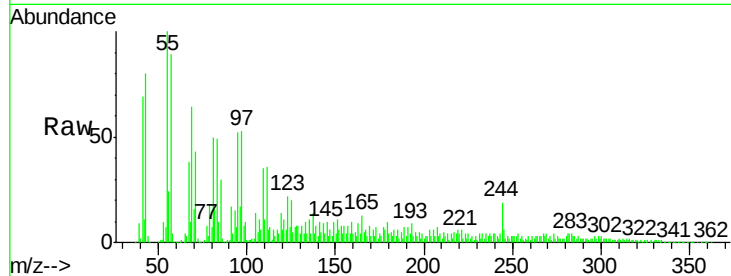
#79
 Terphenyl-d14
 Concen: 30.48 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.17 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1340

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.4	5.8	8.8#
122	31.9	10.3	15.5#

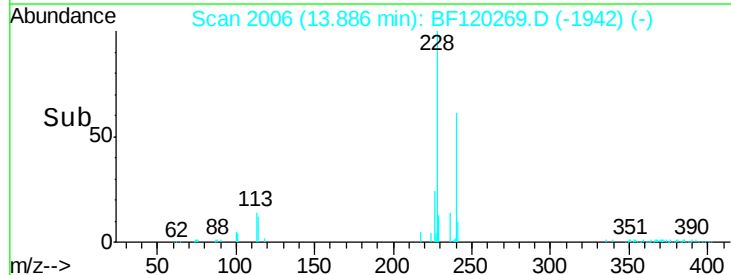
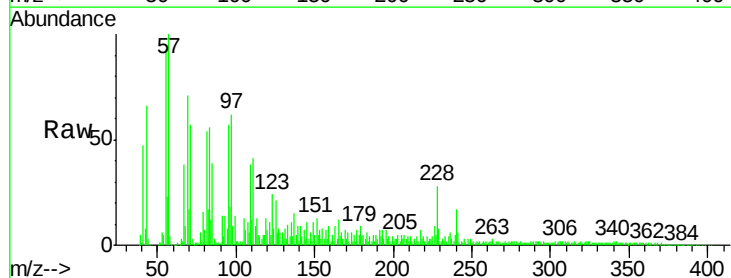
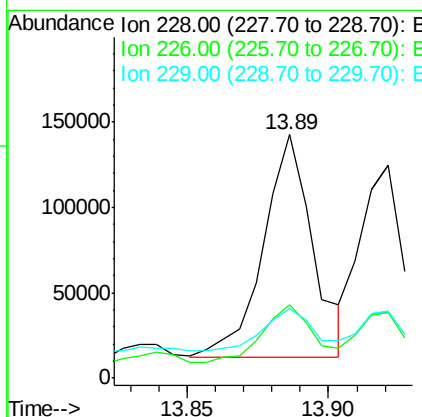
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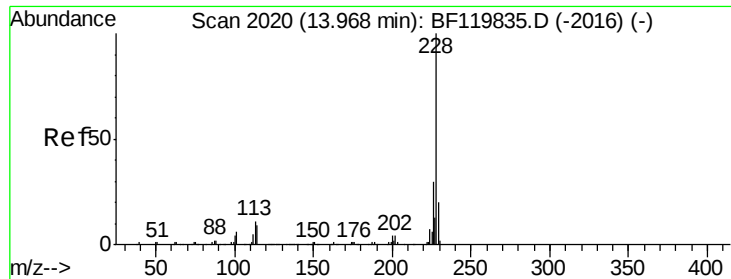
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#81
 Benzo(a)anthracene
 Concen: 12.89 ng m
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.08 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.8
229	28.8	16.2	24.4#





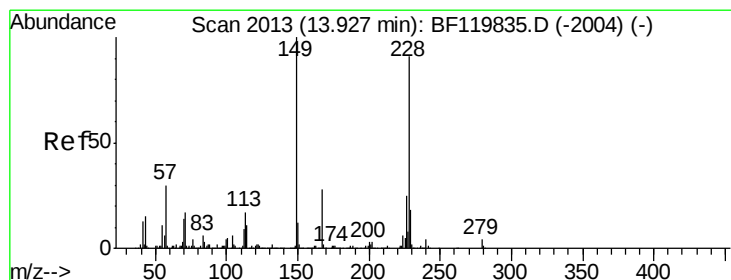
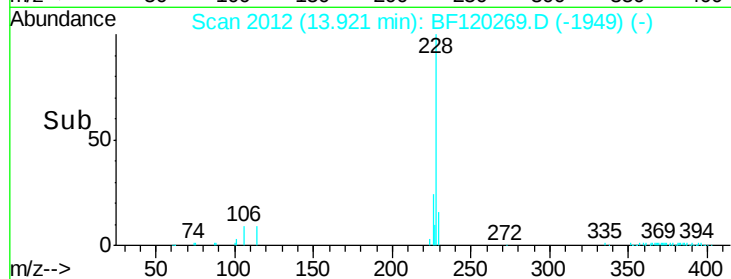
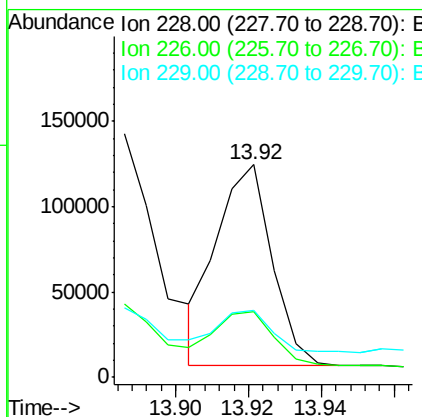
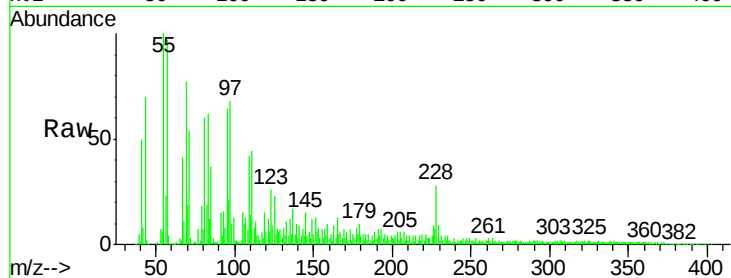
#83
Chrysene
Concen: 9.87 ng m
RT: 13.92 min Scan# 2012
Delta R.T. 0.07 min
Lab File: BF120269.D
Acq: 1 May 2020 20:18

Instrument :
BNA_F
ClientSampleId :
1340

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	31.5	16.6	24.8

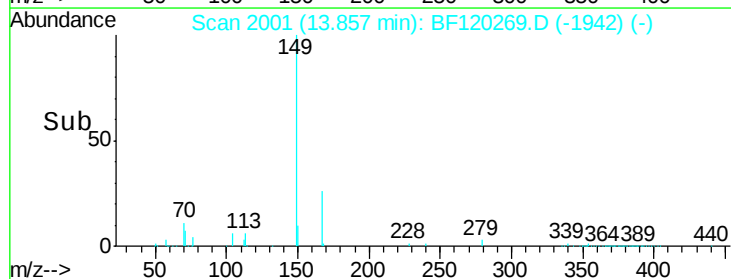
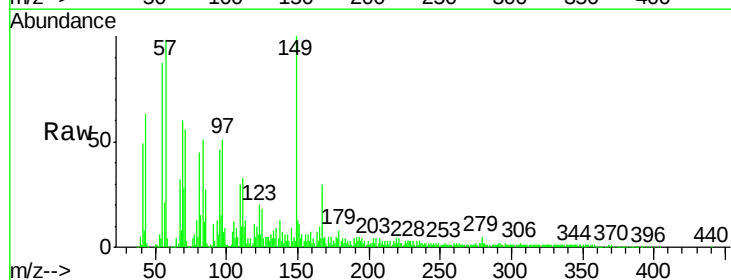
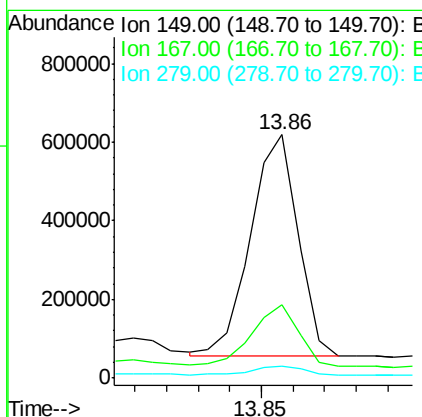
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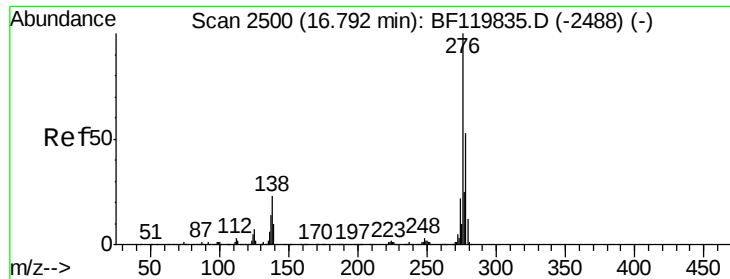
mohammad
5/4/2020 3:45:25 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.34 ng m
RT: 13.86 min Scan# 2001
Delta R.T. 0.05 min
Lab File: BF120269.D
Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.3	31.9
279	5.1	2.7	4.1





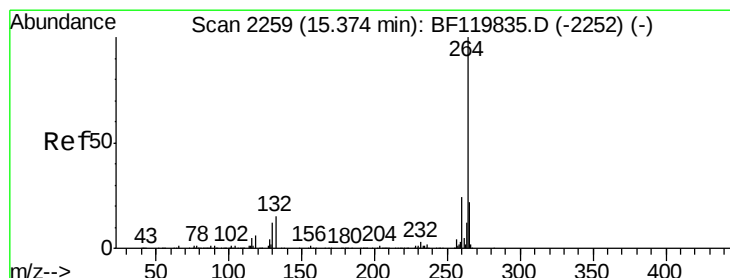
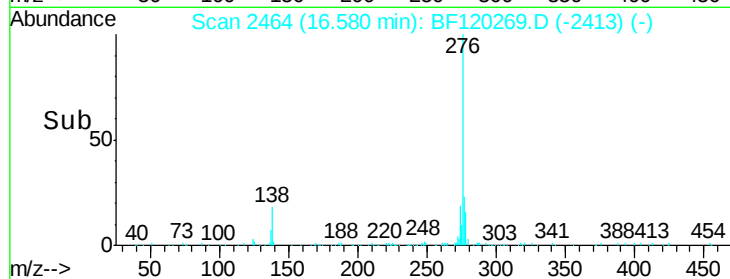
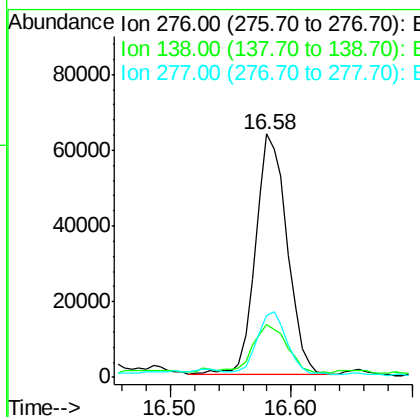
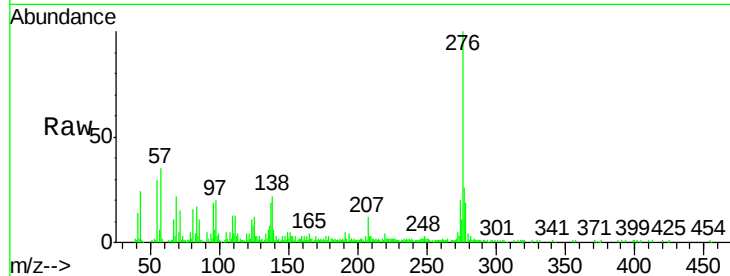
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 10.42 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1340

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.6	29.4
277	25.4	20.0	30.0

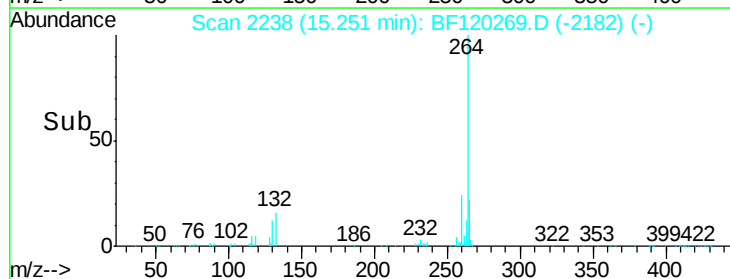
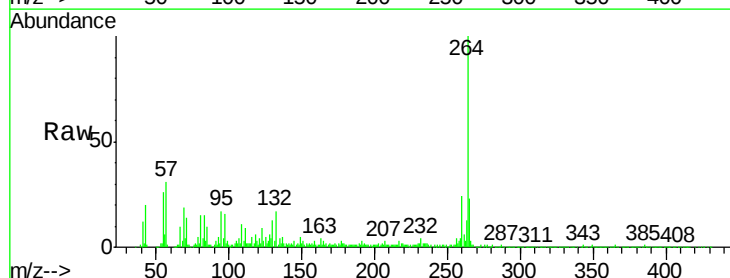
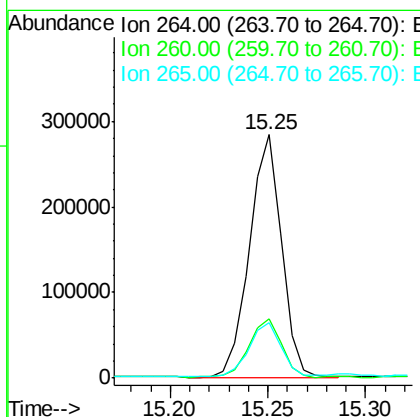
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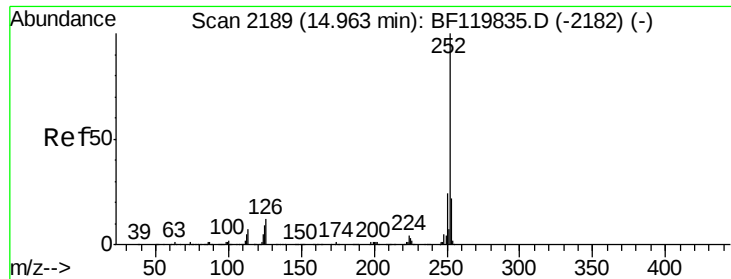
mohammad
 5/4/2020 3:45:25 PM



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.03 min
 Lab File: BF120269.D
 Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.9	17.7	26.5





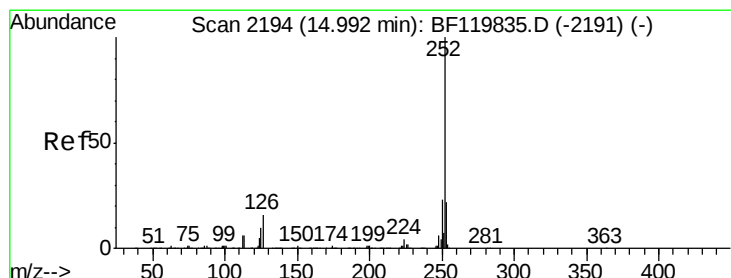
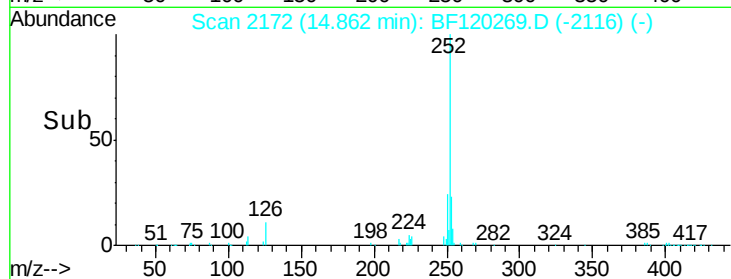
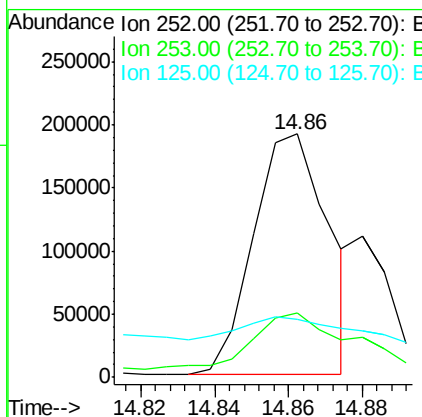
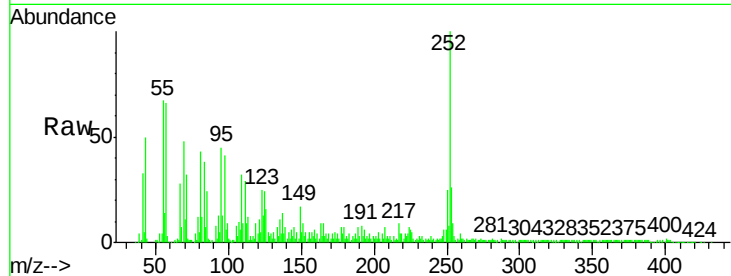
#88
Benzo(b)fluoranthene
Concen: 11.52 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.03 min
Lab File: BF120269.D
Acq: 1 May 2020 20:18

Instrument :
BNA_F
ClientSampleId :
1340

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.4	26.0#
125	23.8	7.9	11.9#

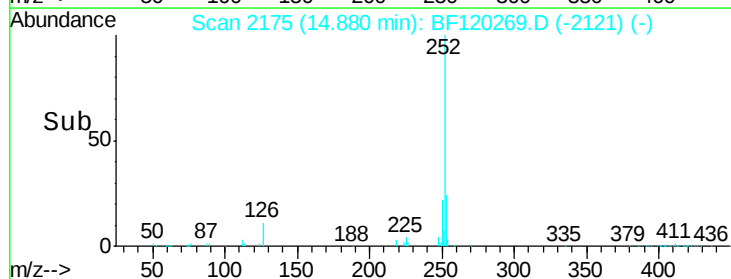
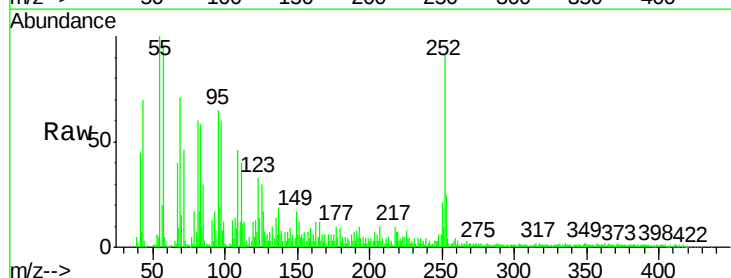
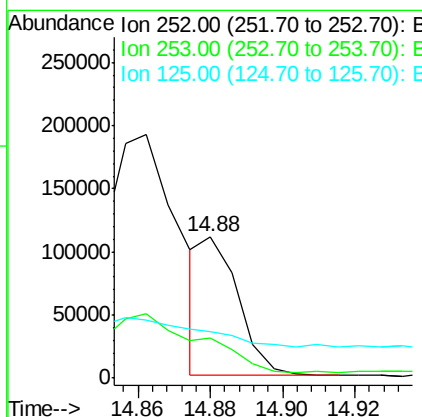
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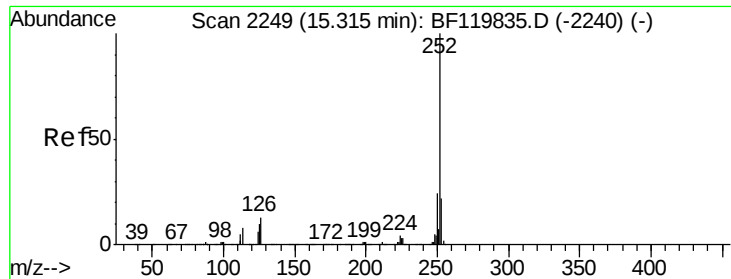
mohammad
5/4/2020 3:45:25 PM



#89
Benzo(k)fluoranthene
Concen: 3.97 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.02 min
Lab File: BF120269.D
Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.6#
125	33.1	8.4	12.6#





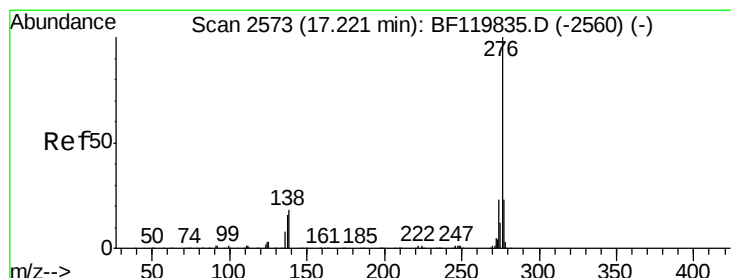
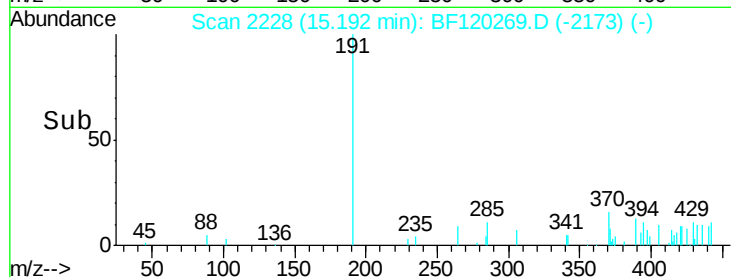
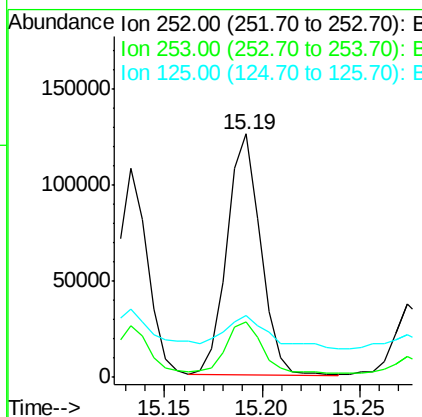
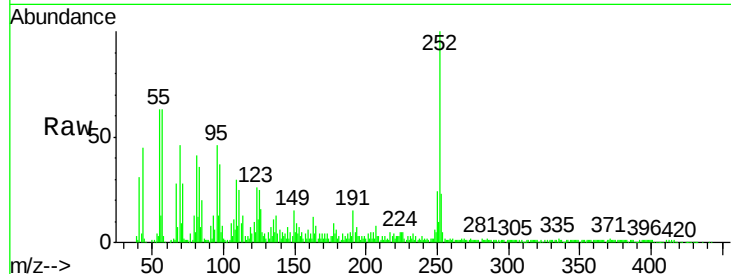
#90
Benzo(a)pyrene
Concen: 7.66 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BF120269.D
Acq: 1 May 2020 20:18

Instrument :
BNA_F
ClientSampleId :
1340

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	18.2	27.2
125	25.4	9.4	14.2#

Manual Integrations
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mohammad
5/4/2020 3:45:25 PM



#92
Benzo(g,h,i)perylene
Concen: 5.32 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF120269.D
Acq: 1 May 2020 20:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	26.1	18.4	27.6
138	20.4	15.4	23.0

