

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120042.D
 Acq On : 16 Apr 2020 17:58
 Operator : MA/SJ
 Sample : L2245-22 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Manual Integrations
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mohammad
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Quant Time: Apr 17 04:10:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 10:48:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139282	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	501002	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	217226	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	335534	20.00	ng	0.00
76) Chrysene-d12	13.89	240	226544	20.00	ng	0.00
87) Perylene-d12	15.32	264	213162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	291643	36.19	ng	0.01
7) Phenol-d6	6.36	99	363101	34.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	222081	22.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	61229	23.02	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	440655	28.80	ng	0.00
79) Terphenyl-d14	12.84	244	354853	26.36	ng	-0.01
Target Compounds						
71) Phenanthrene	11.27	178	399593	22.377	ng	Qvalue 100
72) Anthracene	11.33	178	93248	5.112	ng	97
73) Carbazole	11.49	167	42246	2.449	ng	98
75) Fluoranthene	12.47	202	600745	31.178	ng	97
78) Pyrene	12.70	202	524732	27.476	ng	99
81) Benzo(a)anthracene	13.89	228	242473	16.270	ng	99
83) Chrysene	13.92	228	223421	14.754	ng	97
84) Bis(2-ethylhexyl)phthalate	13.89	149	30564	2.435	ng	97
86) Indeno(1,2,3-cd)pyrene	16.70	276	107393	8.045	ng	97
88) Benzo(b)fluoranthene	14.91	252	242279m	15.800	ng	
89) Benzo(k)fluoranthene	14.94	252	85449m	6.458	ng	
90) Benzo(a)pyrene	15.26	252	195910	15.195	ng	99
91) Dibenzo(a,h)anthracene	16.71	278	27794m	2.434	ng	
92) Benzo(a,h,i)perylene	17.12	276	95897	8.507	ng	97

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

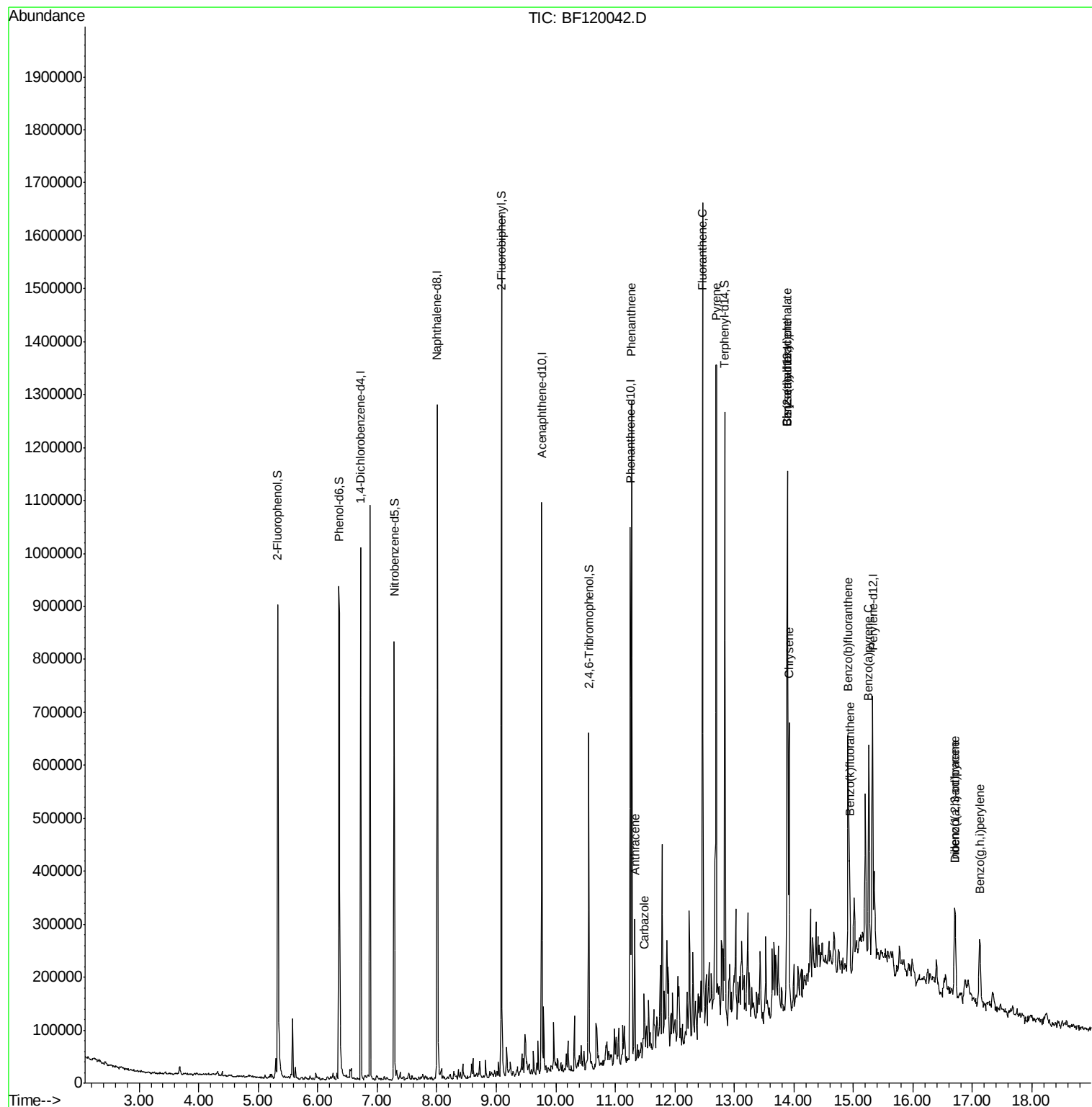
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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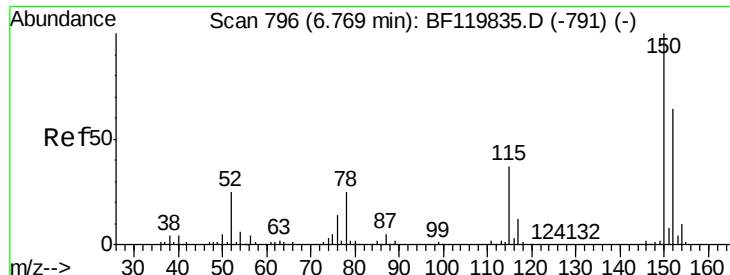
Instrument :
BNA_F
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TP-21A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

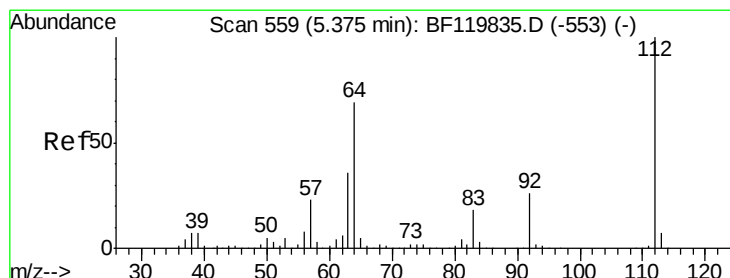
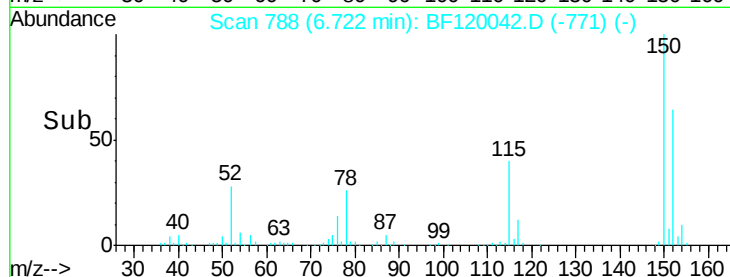
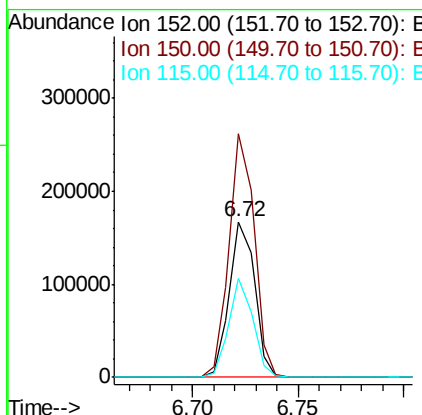
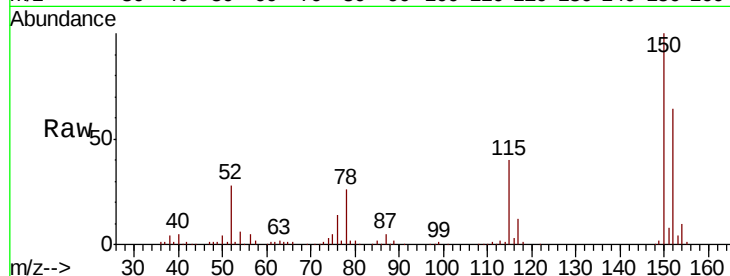
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	63.3	46.5	69.7

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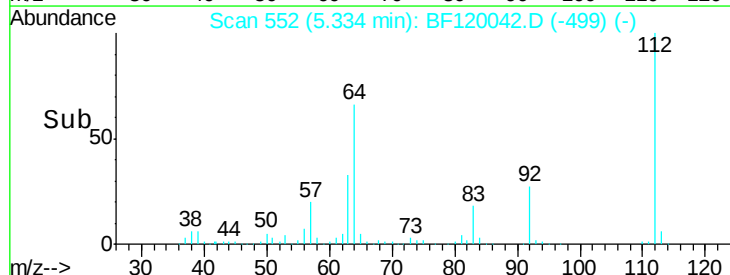
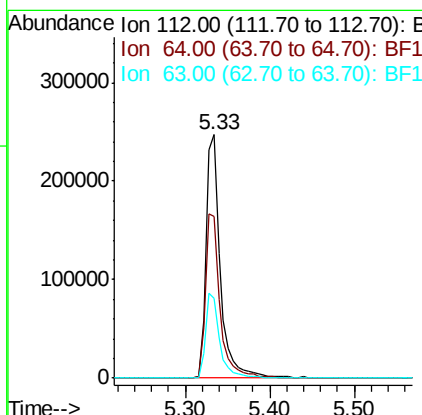
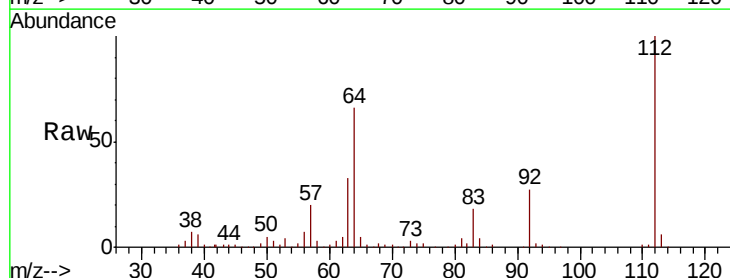
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#5

2-Fluorophenol
Concen: 36.186 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	55.5	83.3
63	32.7	29.1	43.7





#7

Phenol-d6

Concen: 34.964 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Instrument :

BNA_F

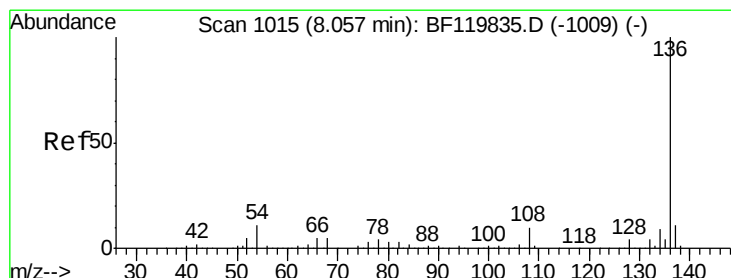
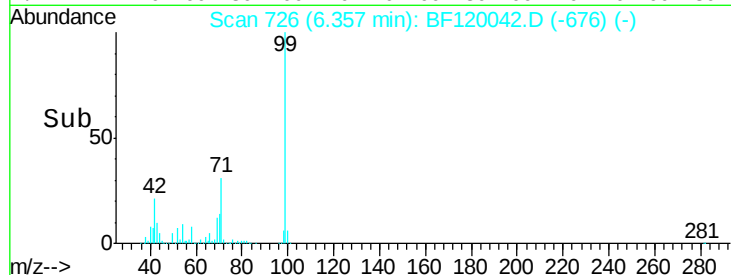
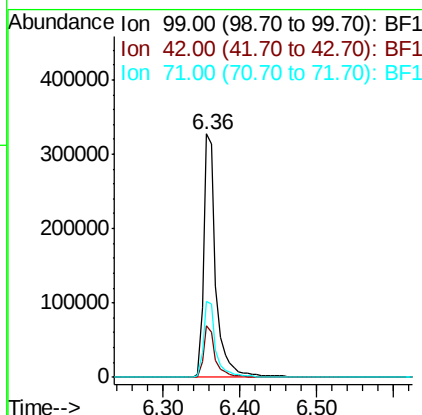
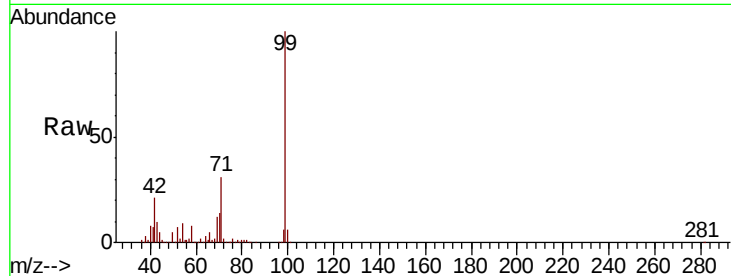
ClientSampleId :

TP-21A

Tot Ion:	99	Resp:	363101
Ion Ratio	Lower	Upper	
99	100		
42	21.2	16.9	25.3
71	31.4	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

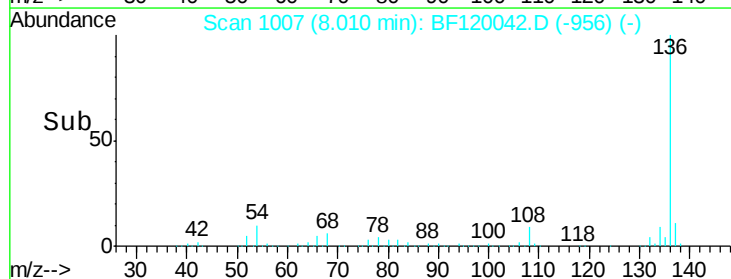
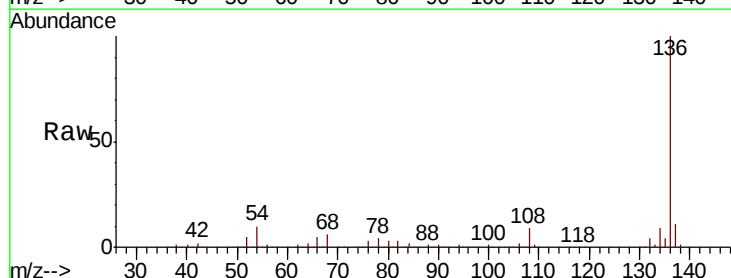
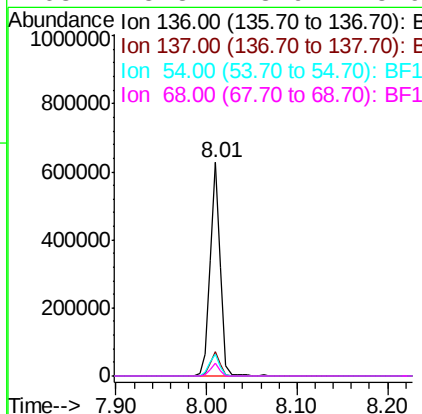
RT: 8.01 min Scan# 1007

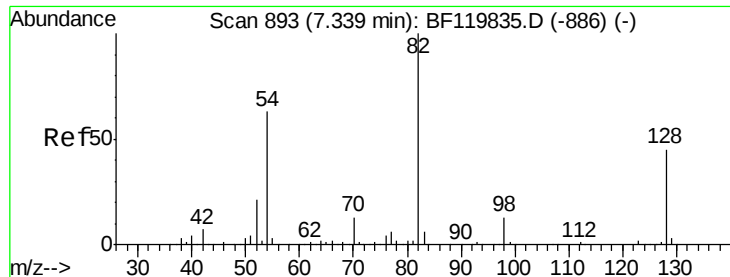
Delta R.T. -0.00 min

Lab File: BF120042.D

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Tgt Ion:	136	Resp:	501002
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	10.2	8.5	12.7
68	5.8	3.9	5.9





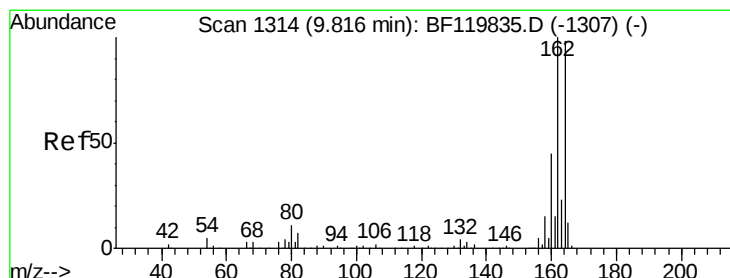
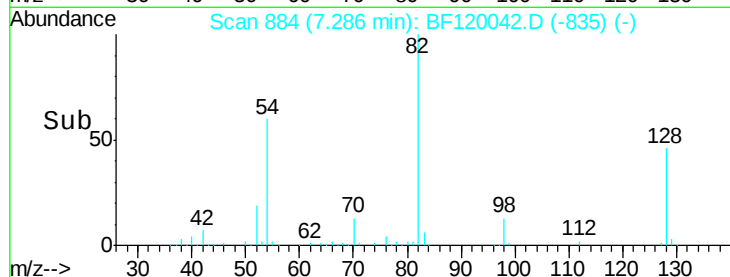
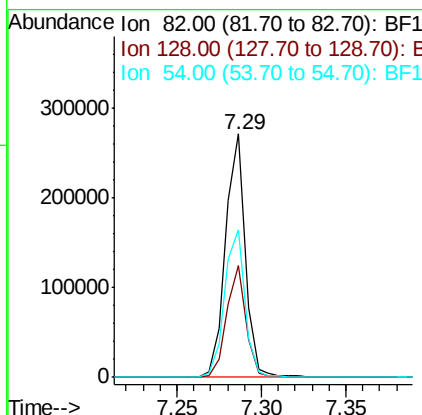
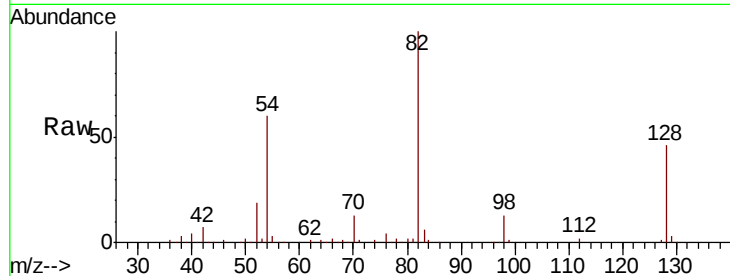
#23
Nitrobenzene-d5
Concen: 22.932 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.2	54.4
54	60.5	50.4	75.6

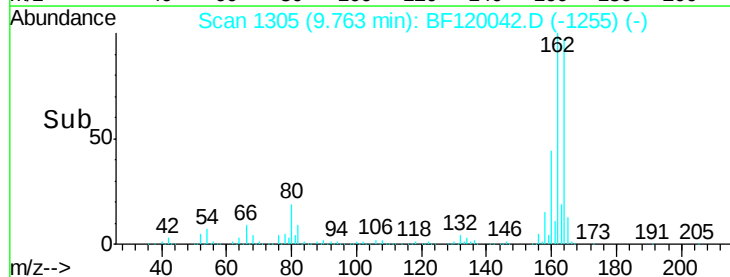
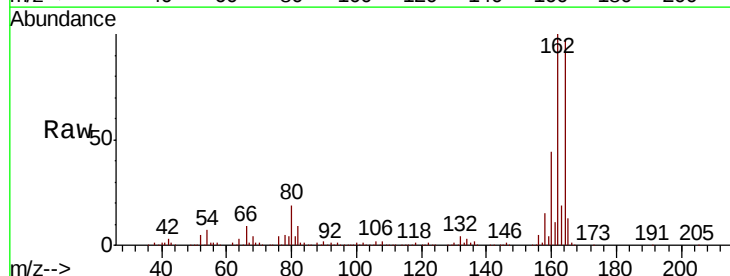
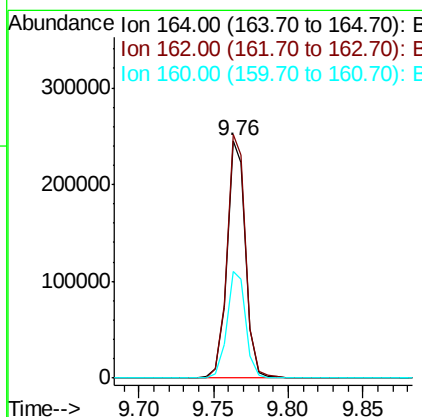
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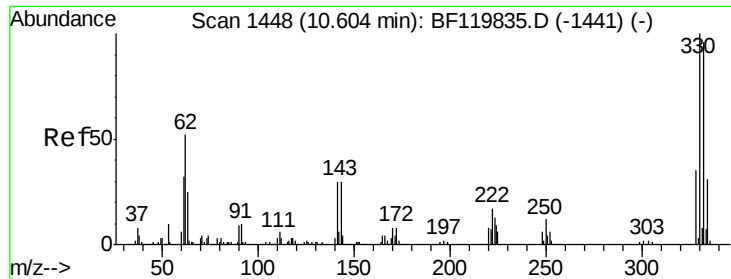
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.9	122.9
160	45.2	36.6	54.8





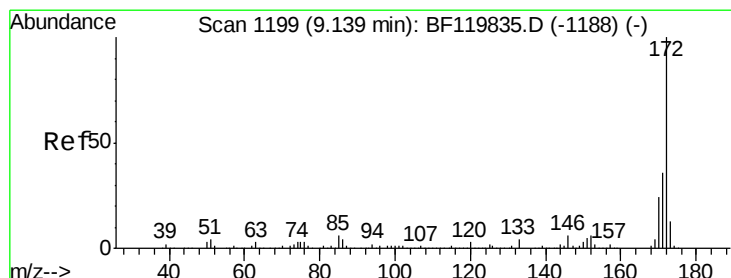
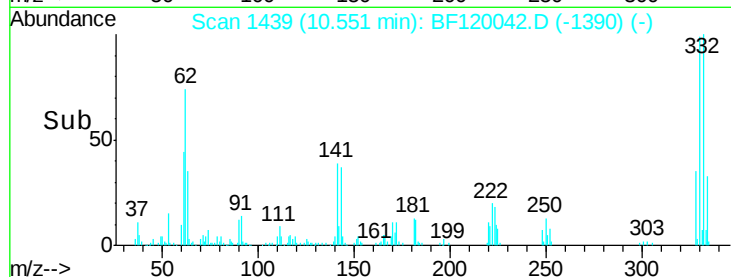
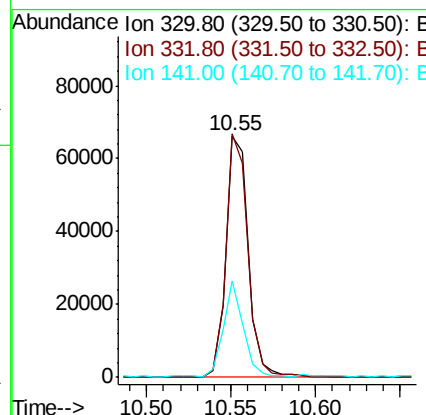
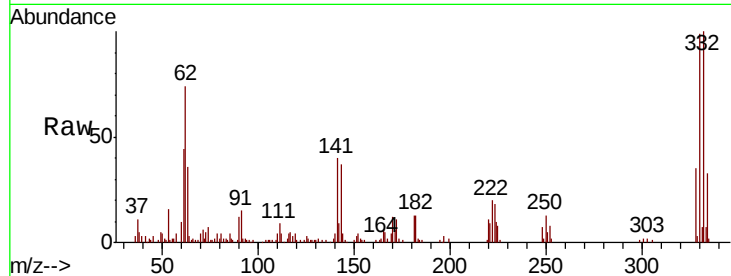
#42
 2,4,6-Tribromophenol
 Concen: 23.022 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120042.D
 Acq: 16 Apr 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	61229		
332	97.8	76.8	115.2	
141	36.9	25.1	37.7	

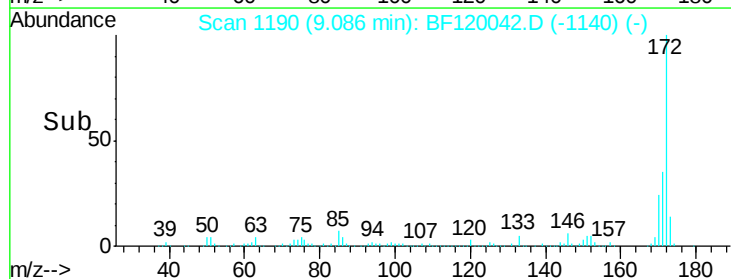
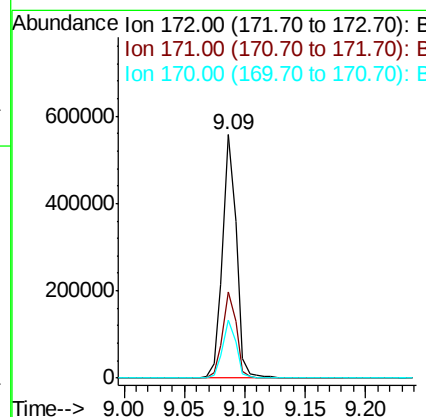
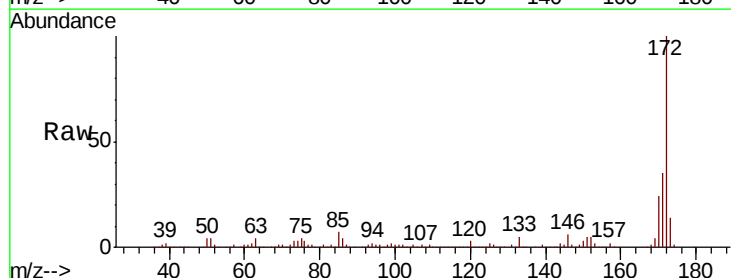
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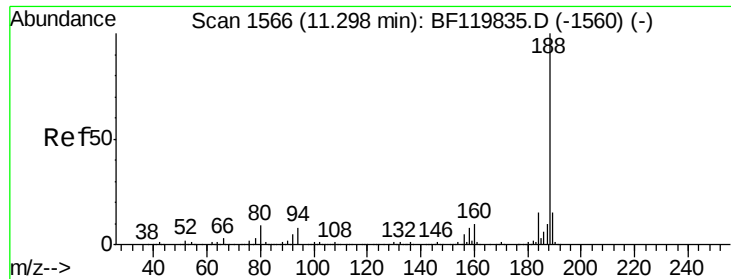
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#45
 2-Fluorobiphenyl
 Concen: 28.801 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120042.D
 Acq: 16 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	440655		
171	35.4	28.9	43.3	
170	23.9	19.4	29.2	





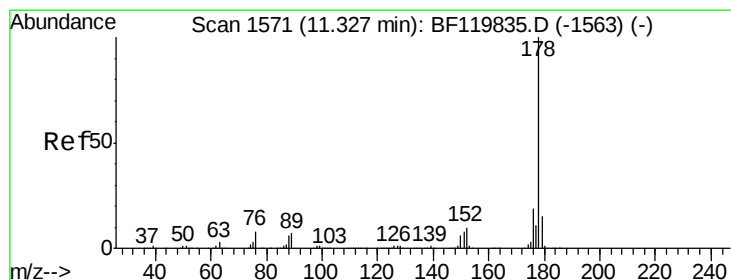
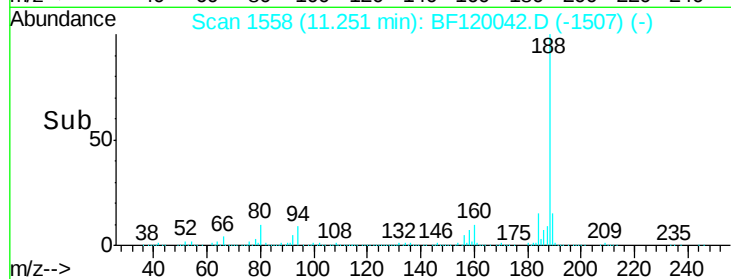
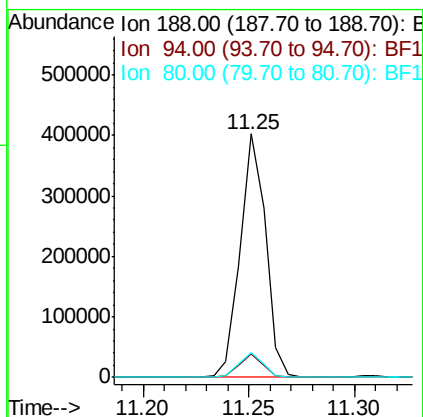
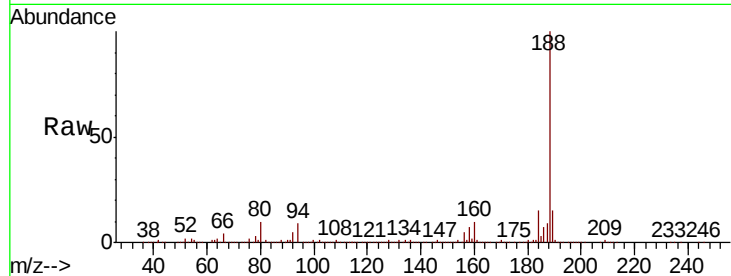
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-21A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	335534		
94	9.4		6.7	10.1
80	10.2		7.4	11.2

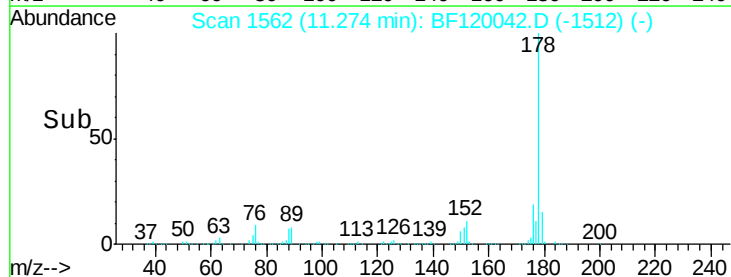
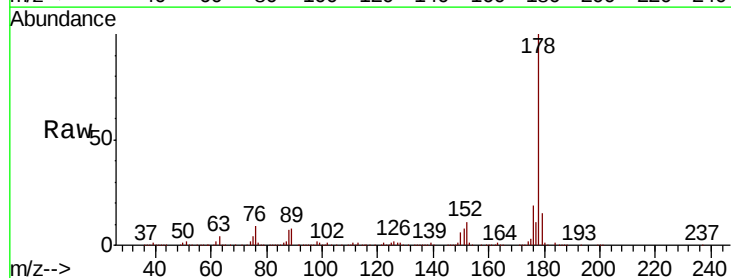
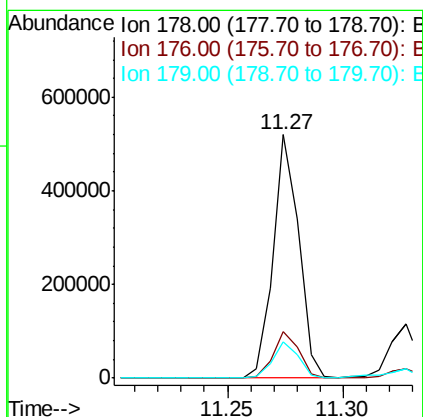
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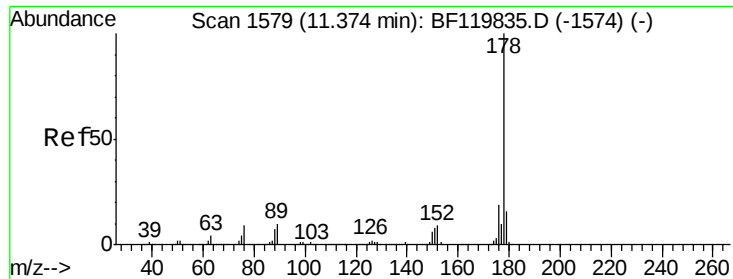
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#71
Phenanthrene
Concen: 22.377 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	399593		
176	19.1		15.1	22.7
179	15.1		12.2	18.4





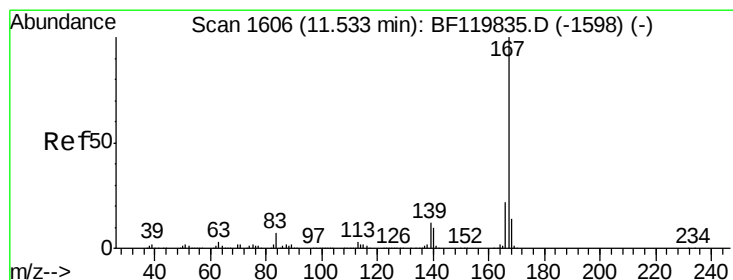
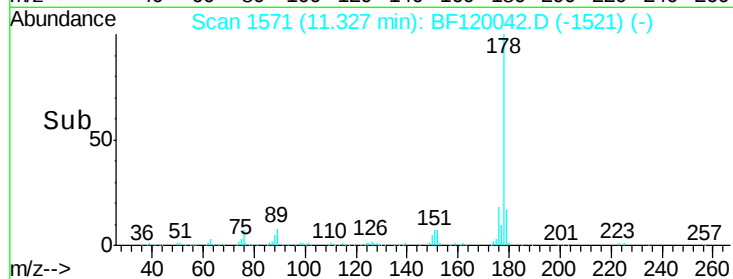
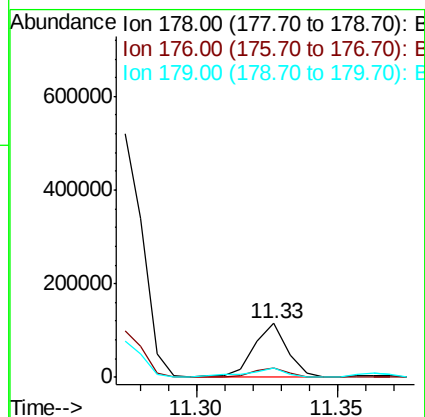
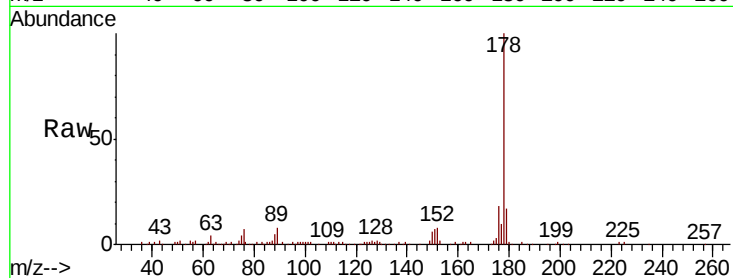
#72
 Anthracene
 Concen: 5.112 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF120042.D
 Acq: 16 Apr 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion:178 Resp: 93248
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.4 23.2
 179 16.9 12.8 19.2

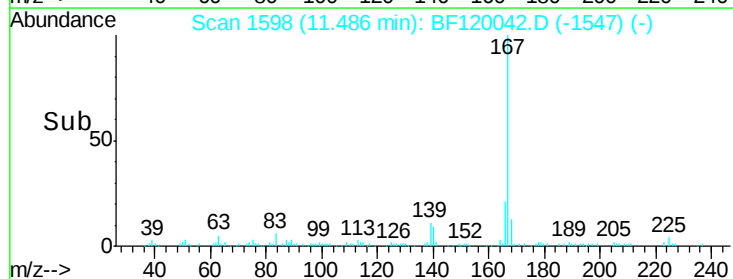
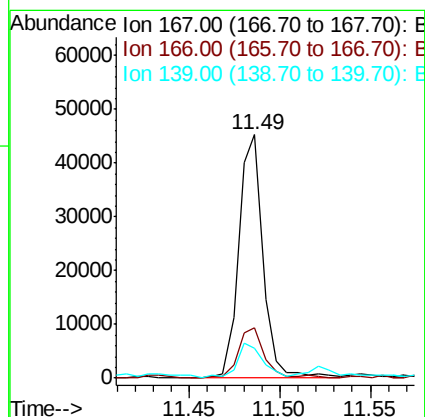
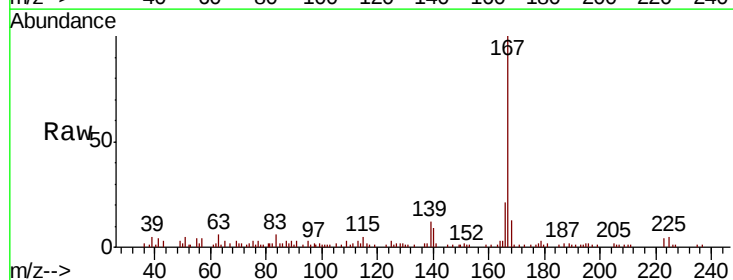
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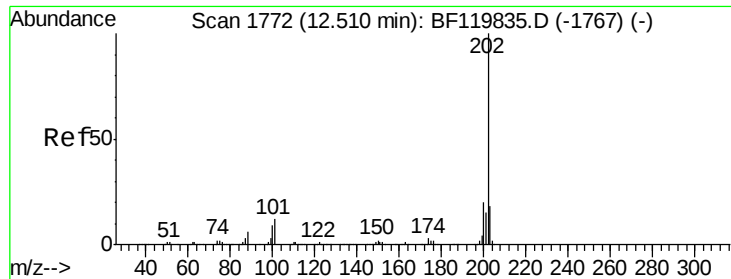
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#73
 Carbazole
 Concen: 2.449 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF120042.D
 Acq: 16 Apr 2020 17:58

Tgt Ion:167 Resp: 42246
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.4 26.0
 139 12.1 9.8 14.8





#75

Fluoranthene

Concen: 31.178 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Instrument :

BNA_F

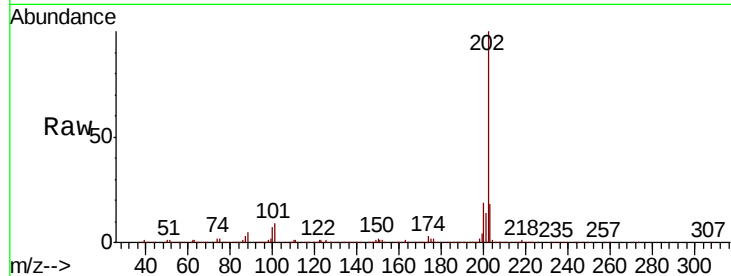
ClientSampleId :

TP-21A

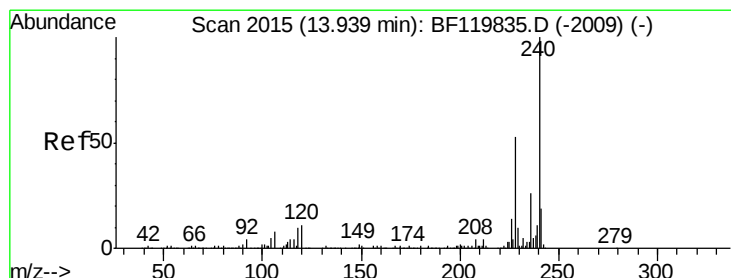
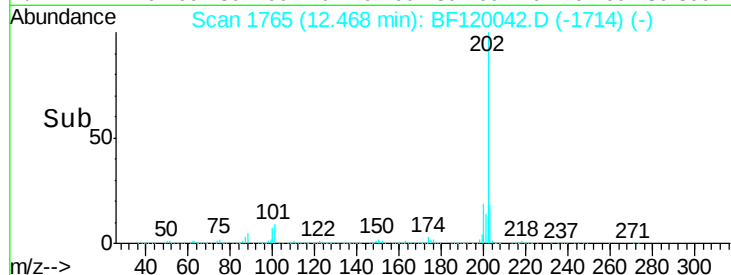
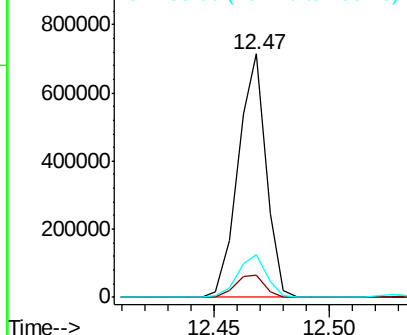
Tot Ion:	202	Resp:	600745
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	32.3
203	17.8	0.0	37.6

Manual Integrations
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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

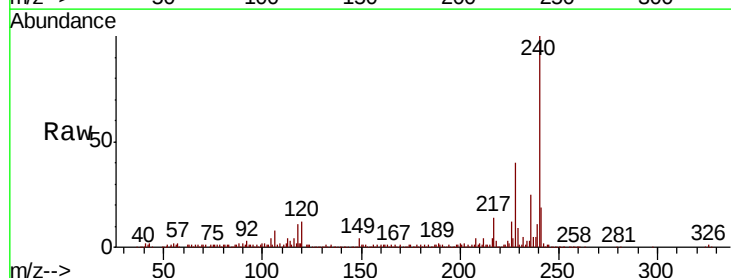
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

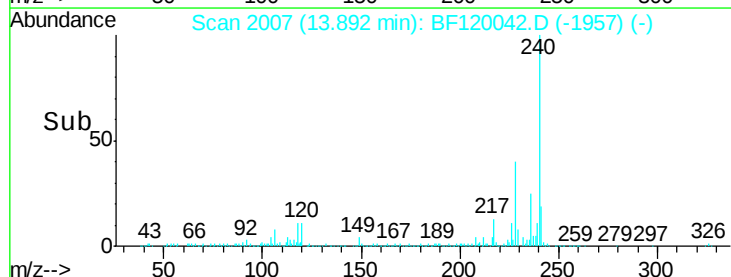
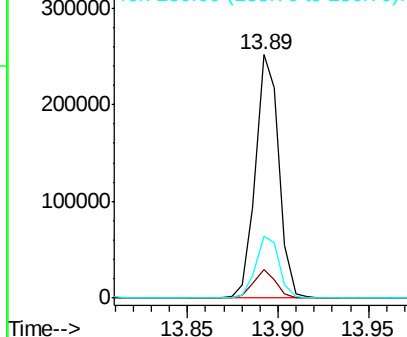
Lab File: BF120042.D

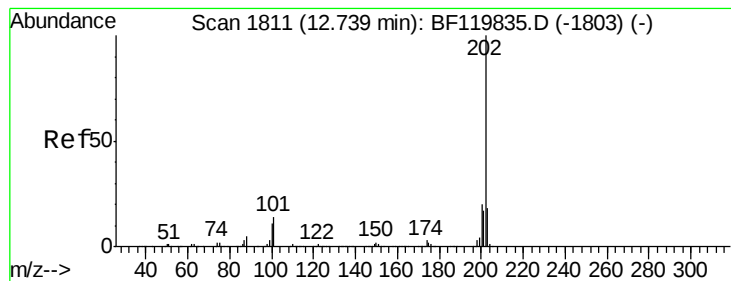
Acq: 16 Apr 2020 17:58

Tgt Ion:	240	Resp:	226544
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.0	13.6
236	25.4	20.7	31.1



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: 27.476 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Instrument :

BNA_F

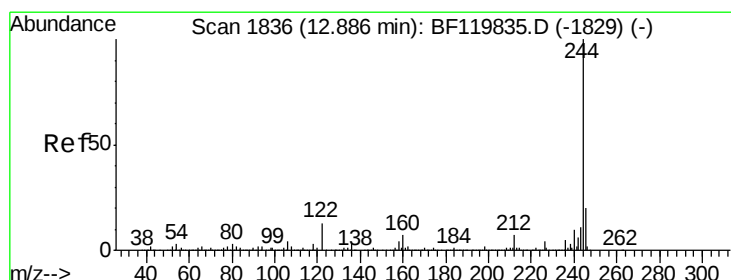
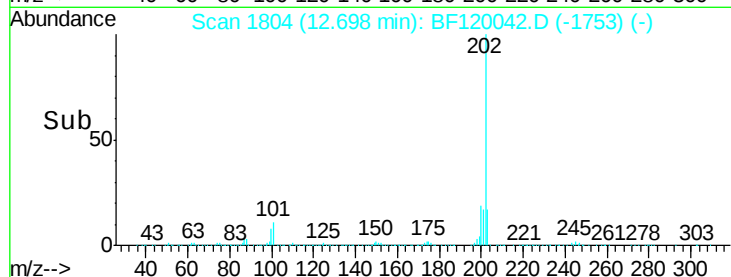
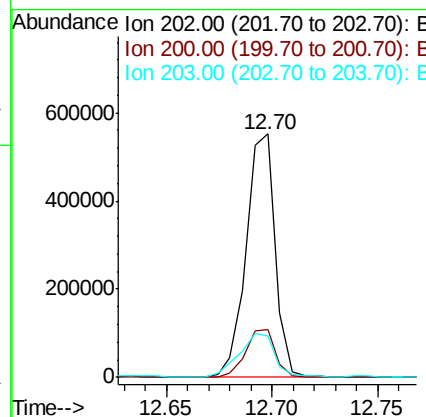
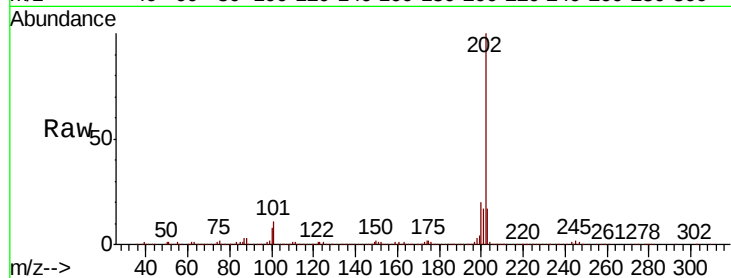
ClientSampleId :

TP-21A

Tot Ion:	202	Resp:	524732
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.2	24.2
203	17.1	14.1	21.1

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#79

Terphenyl-d14

Concen: 26.357 ng

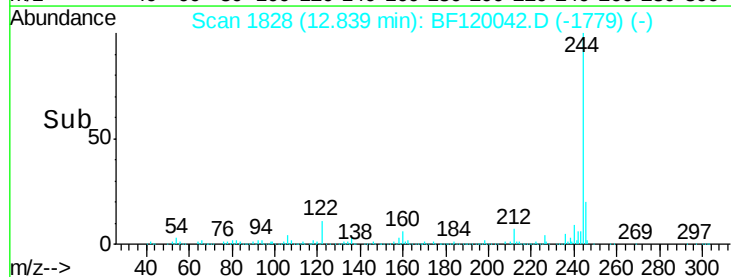
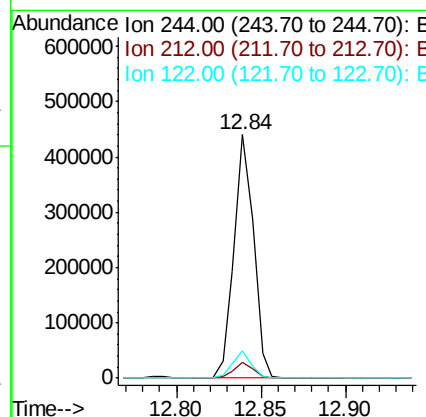
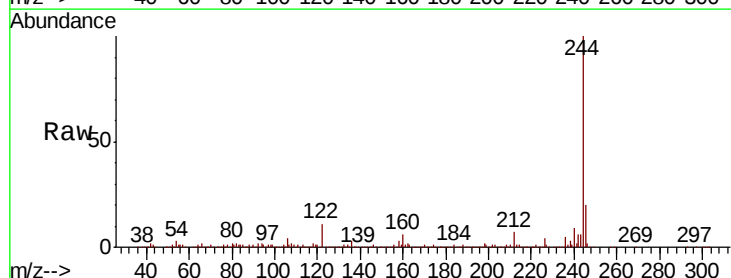
RT: 12.84 min Scan# 1828

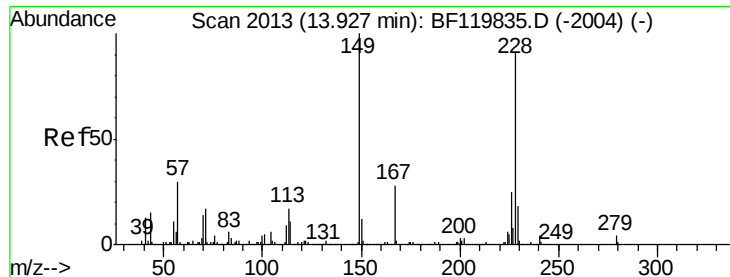
Delta R.T. -0.01 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Tgt Ion:	244	Resp:	354853
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	11.4	10.3	15.5





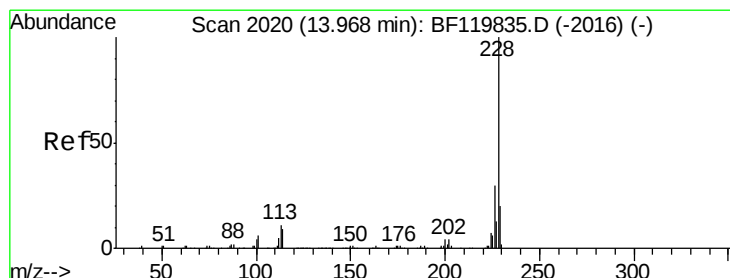
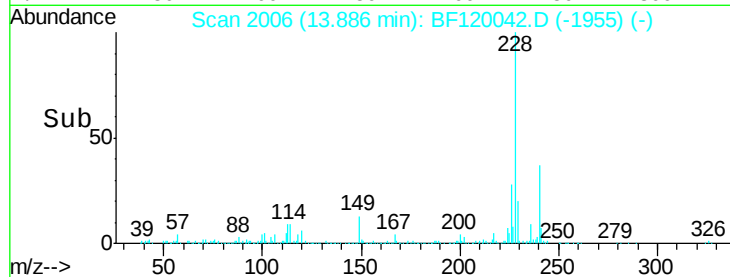
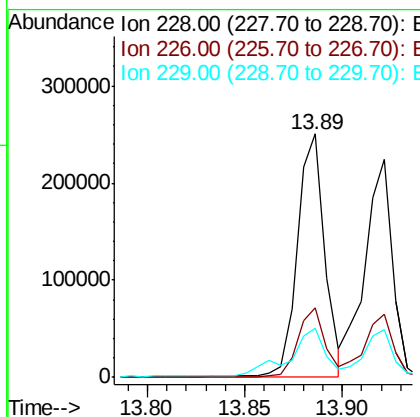
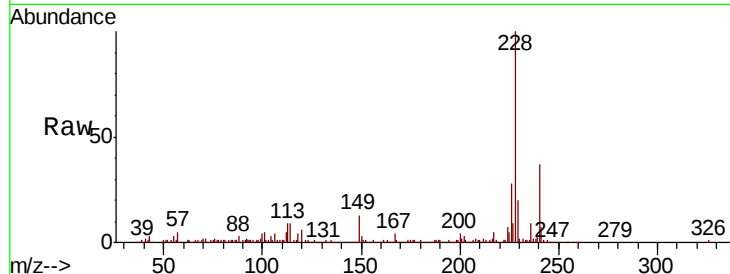
#81
Benzo(a)anthracene
Concen: 16.270 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	20.2	15.9	23.9

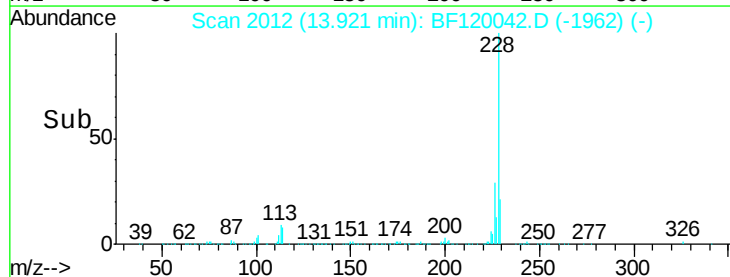
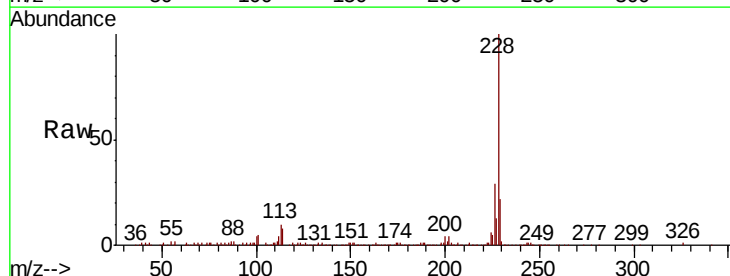
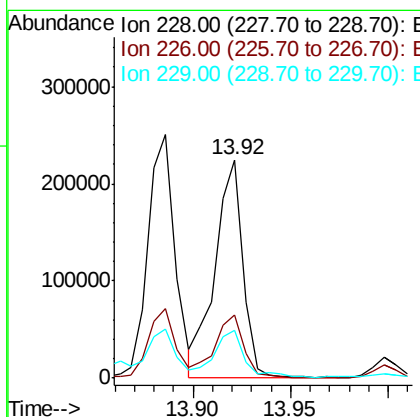
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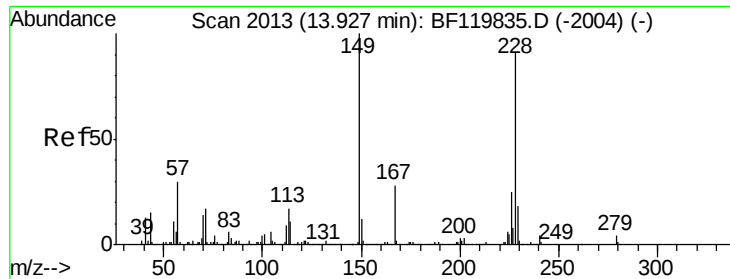
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#83
Chrysene
Concen: 14.754 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.2
229	22.1	15.9	23.9





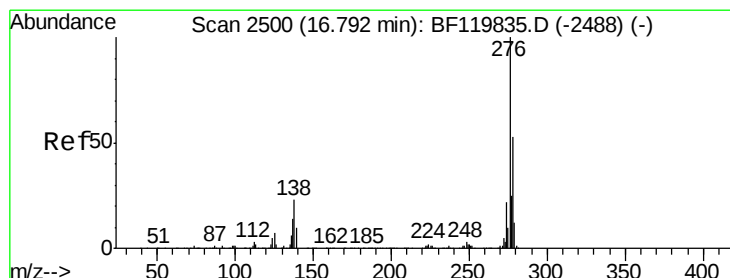
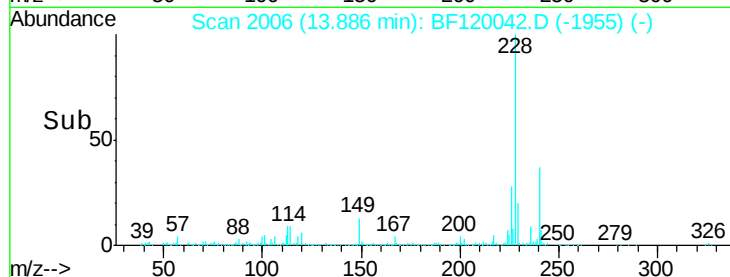
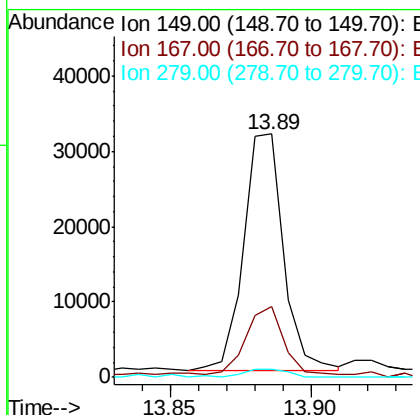
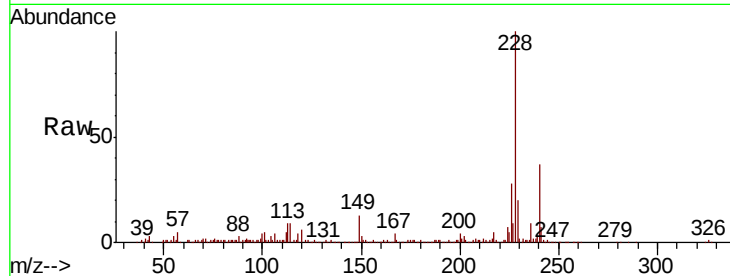
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.435 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF120042.D
 Acq: 16 Apr 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion:	149	Resp:	30564
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.2	33.2
279	3.5	3.4	5.0

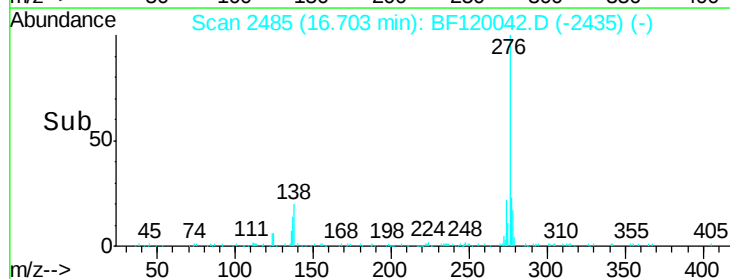
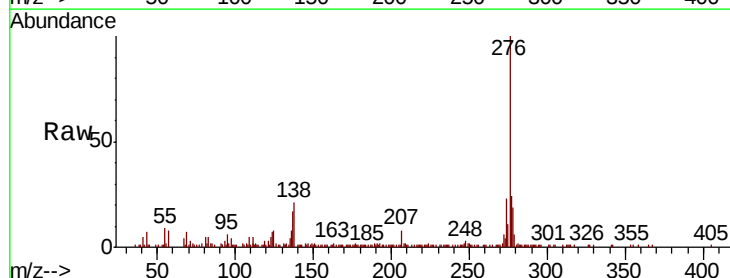
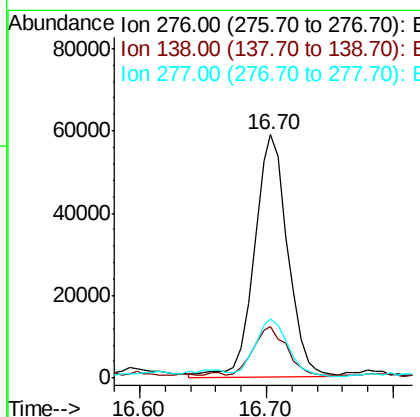
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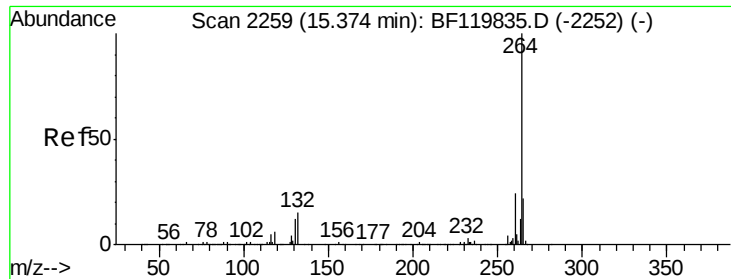
mohammad
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.045 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF120042.D
 Acq: 16 Apr 2020 17:58

Tgt Ion:	276	Resp:	107393
Ion Ratio	Lower	Upper	
276	100		
138	21.9	18.0	27.0
277	23.1	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Instrument :

BNA_F

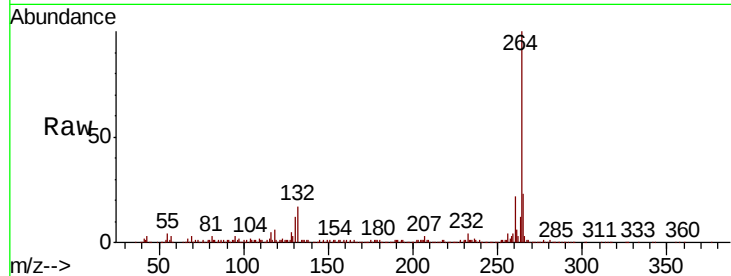
ClientSampled :

TP-21A

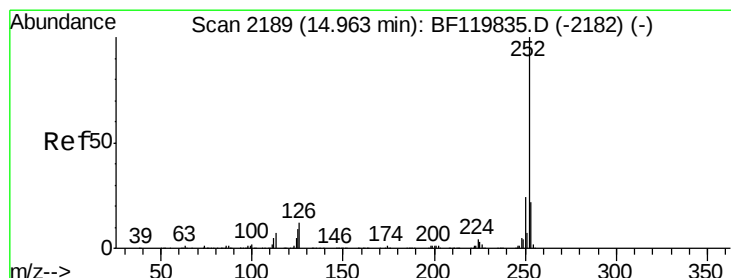
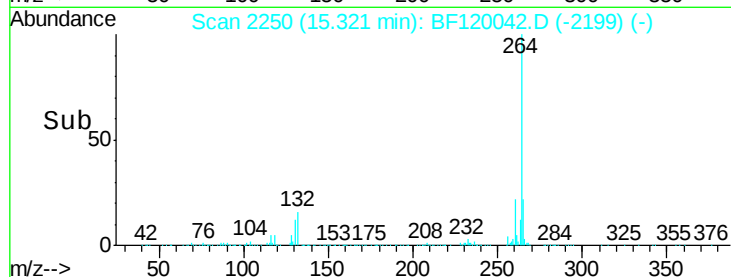
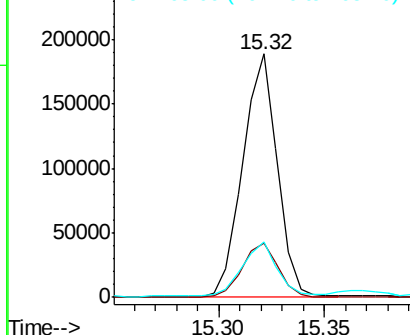
Tot Ion:	264	Resp:	213162
Ion Ratio	Lower	Upper	
264	100		
260	22.4	19.3	28.9
265	22.6	17.6	26.4

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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



#88

Benzo(b)fluoranthene

Concen: 15.800 ng m

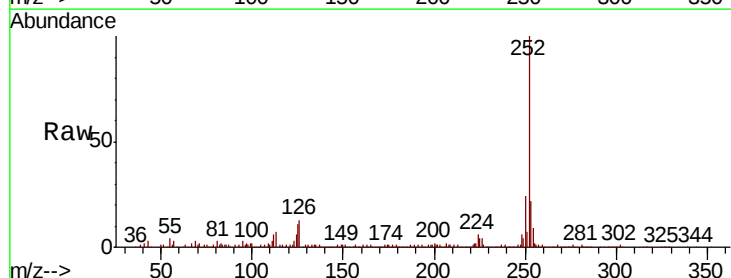
RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

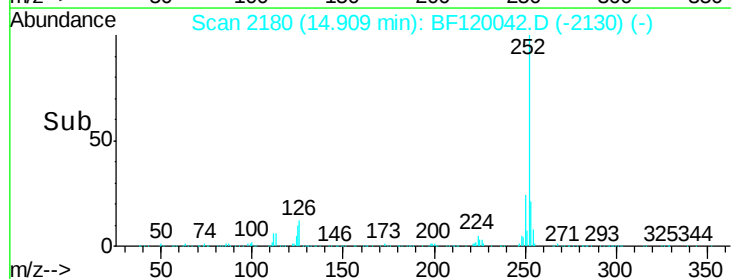
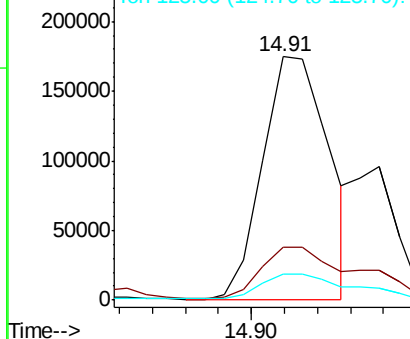
Lab File: BF120042.D

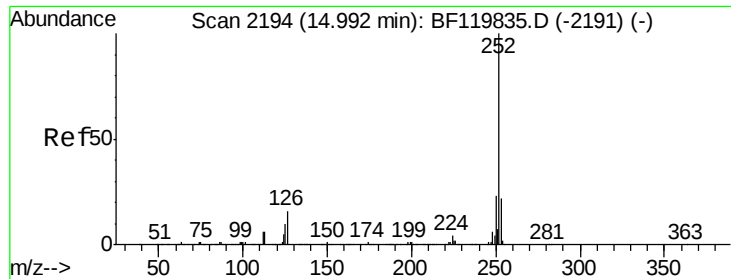
Acq: 16 Apr 2020 17:58

Tgt Ion:	252	Resp:	242279
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	10.8	7.4	11.2



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: 6.458 ng/mL

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Instrument :

BNA_F

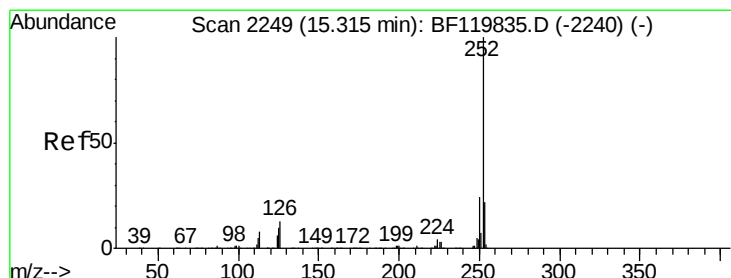
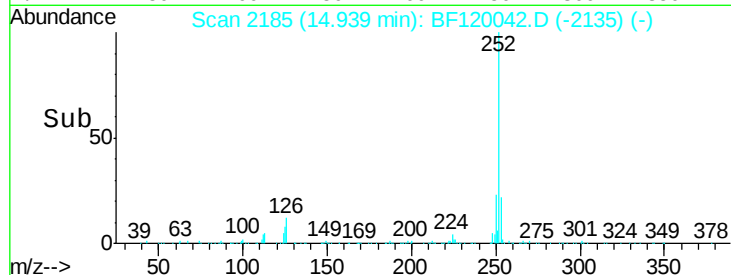
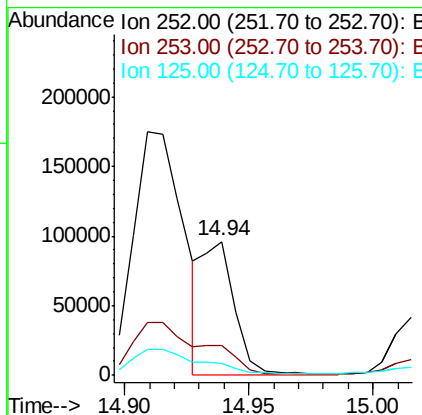
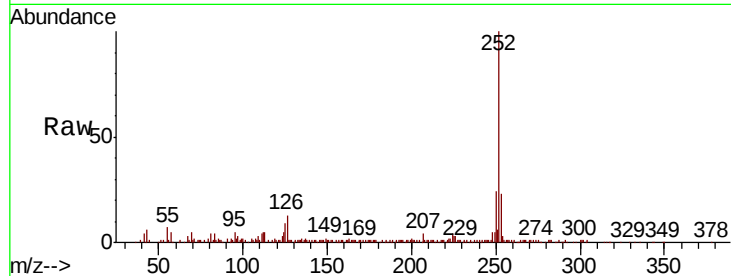
ClientSampled :

TP-21A

Tot Ion:	252	Resp:	85449
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	9.2	7.7	11.5

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#90

Benzo(a)pyrene

Concen: 15.195 ng/mL

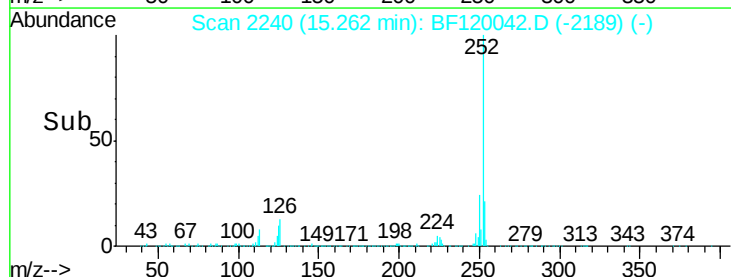
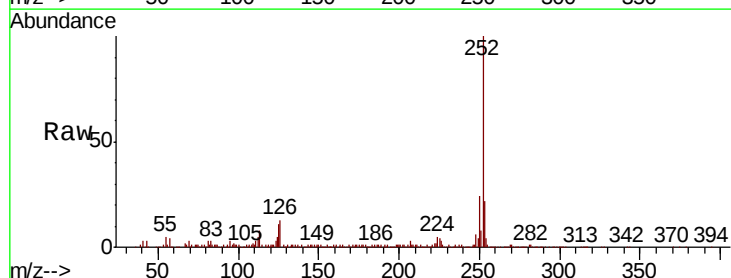
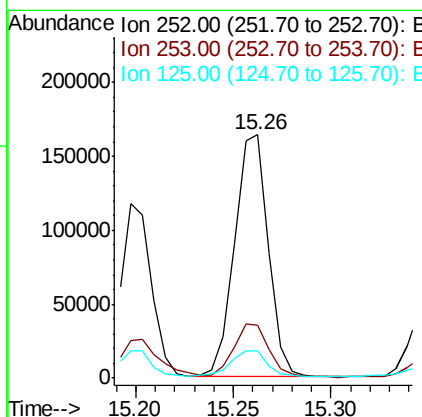
RT: 15.26 min Scan# 2240

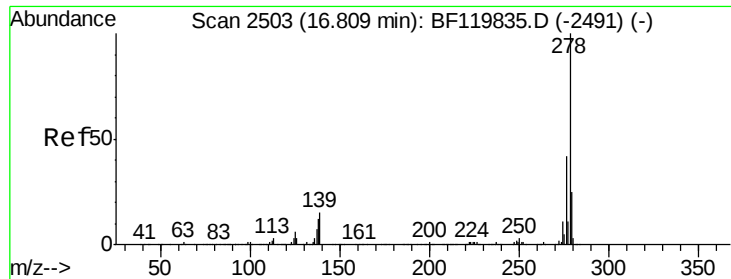
Delta R.T. -0.00 min

Lab File: BF120042.D

Acq: 16 Apr 2020 17:58

Tgt Ion:	252	Resp:	195910
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	11.0	8.3	12.5





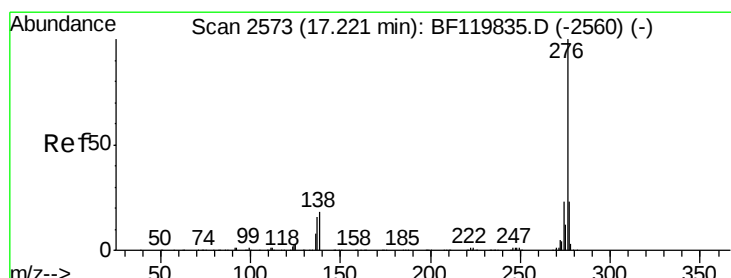
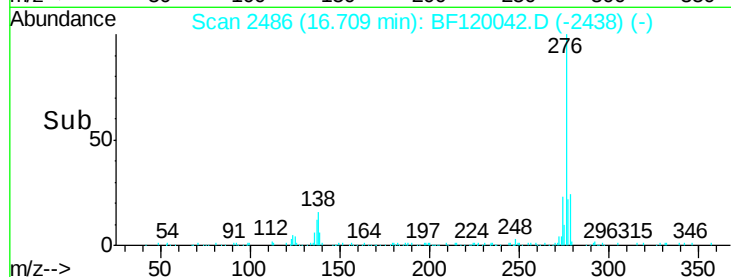
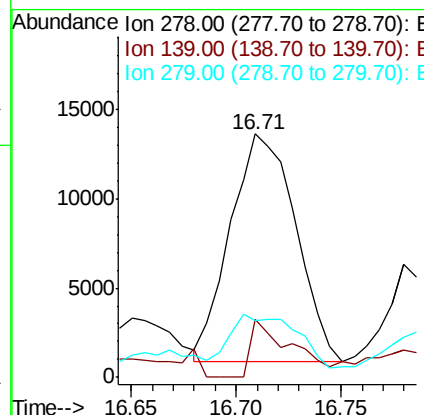
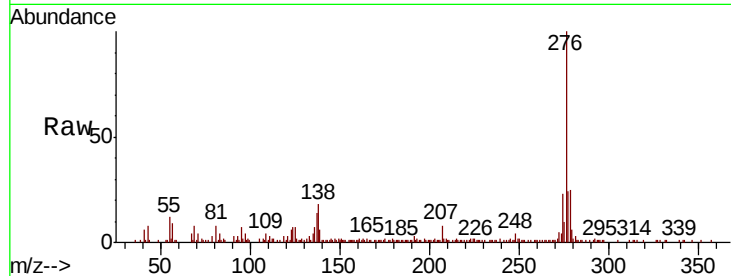
#91
Dibenzo(a,h)anthracene
Concen: 2.434 ng m
RT: 16.71 min Scan# 2486
Delta R.T. -0.02 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.0	11.6	17.4#
279	23.1	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 8.507 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF120042.D
Acq: 16 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.5	27.7
138	19.4	14.6	22.0

