

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121037.D
 Acq On : 27 Jul 2020 17:45
 Operator : JU/CG
 Sample : L3382-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-011

Manual Integrations
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mohammad
 7/28/2020 11:43:27 AM

Quant Time: Jul 27 18:36:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	183518	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	682567	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	370444	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	705244	20.00	ng	0.00
76) Chrysene-d12	13.97	240	568537	20.00	ng	0.00
86) Perylene-d12	15.42	264	502832	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1102809	98.51	ng	0.01
7) Phenol-d6	6.45	99	1375116	95.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	881562	74.73	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	450036	110.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1693877	68.27	ng	0.00
79) Terphenyl-d14	12.92	244	1729583	66.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.56	163	261717	9.793	ng	99
71) Phenanthrene	11.36	178	127872	3.525	ng	97
75) Fluoranthene	12.54	202	476949	11.863	ng	97
78) Pyrene	12.77	202	398087	9.904	ng	99
81) Benzo(a)anthracene	13.96	228	203715	5.917	ng	99
83) Chrysene	13.99	228	190772	5.273	ng	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	44578	2.017	ng	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	88725	2.537	ng	94
88) Benzo(b)fluoranthene	15.00	252	214829m	7.068	ng	
89) Benzo(k)fluoranthene	15.02	252	63721m	2.299	ng	
90) Benzo(a)pyrene	15.35	252	127595	4.601	ng	98
92) Benzo(a,h,i)perylene	17.27	276	84337	2.994	ng	98

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

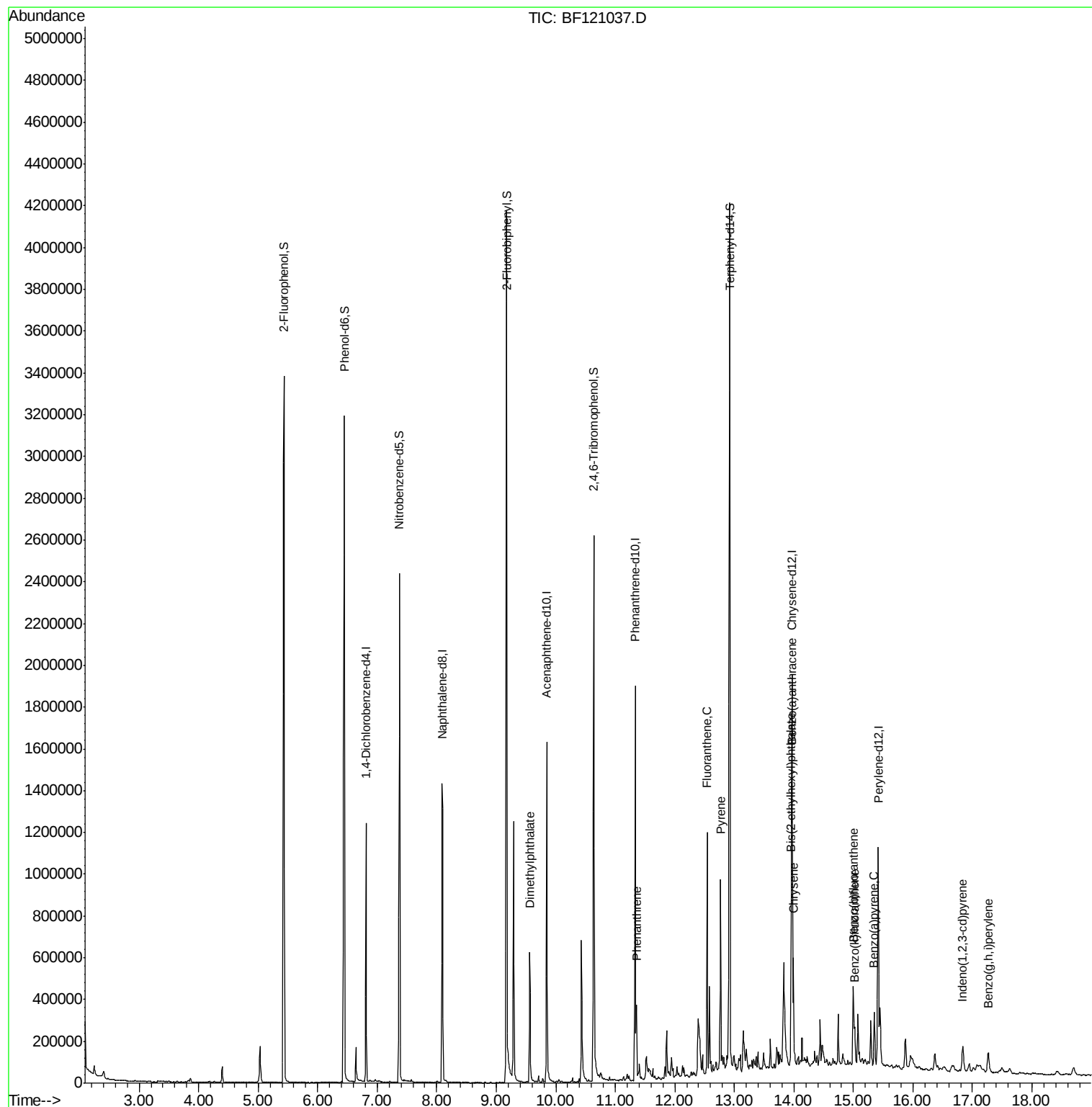
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121037.D
Acq On : 27 Jul 2020 17:45
Operator : JU/CG
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

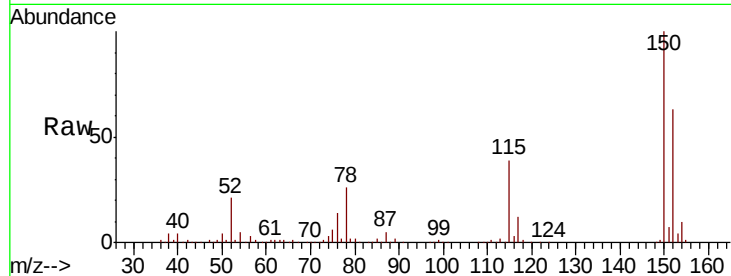
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Instrument :
BNA_F
ClientSampled :
CTR-011

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.0	187.6
115	62.1	47.0	70.4

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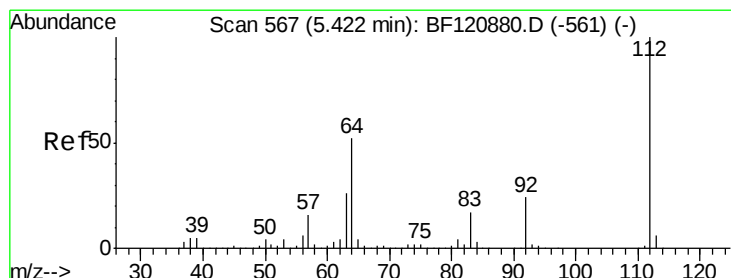
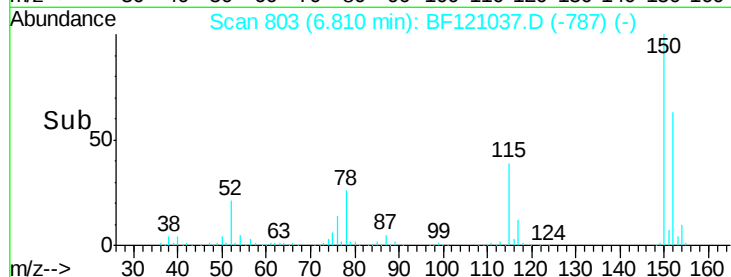
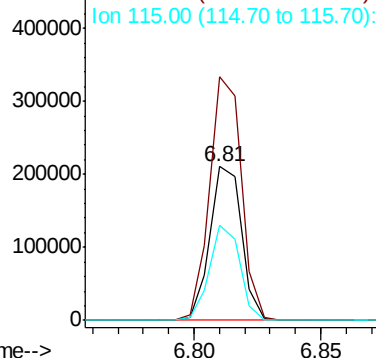


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

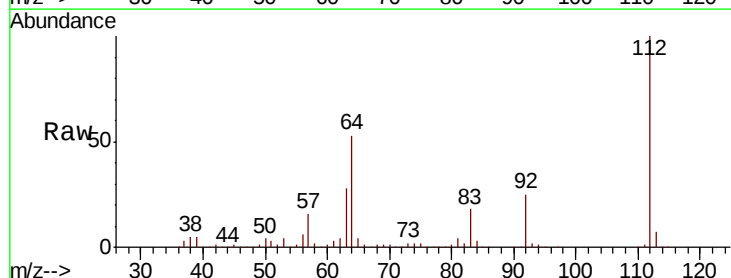
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.513 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.3	61.9
63	28.0	21.1	31.7

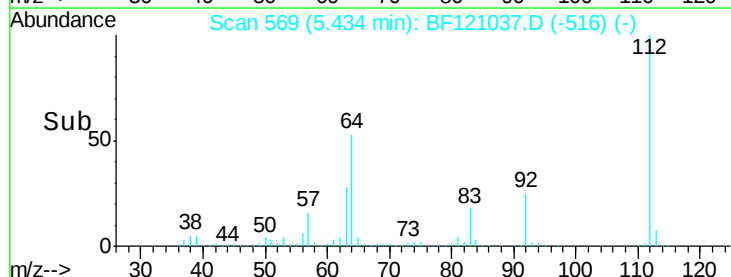
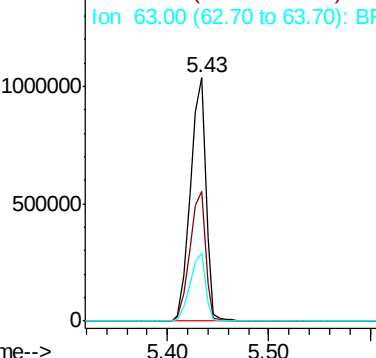


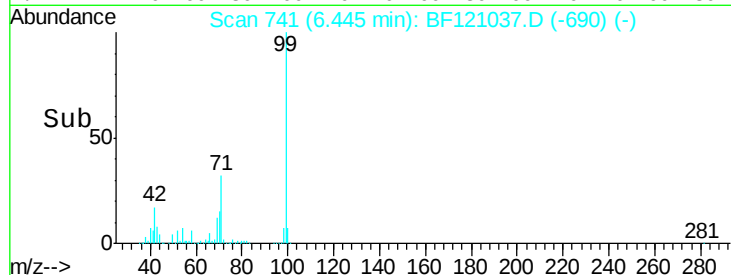
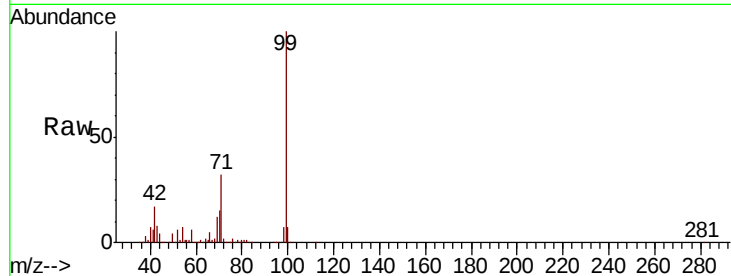
Abundance

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: 95.095 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121037.D

Acq: 27 Jul 2020 17:45

Instrument :

BNA_F

ClientSampleId :

CTR-011

Tot Ion: 99 Resp: 1375116

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

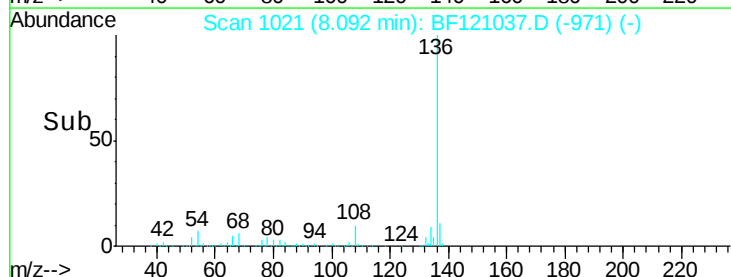
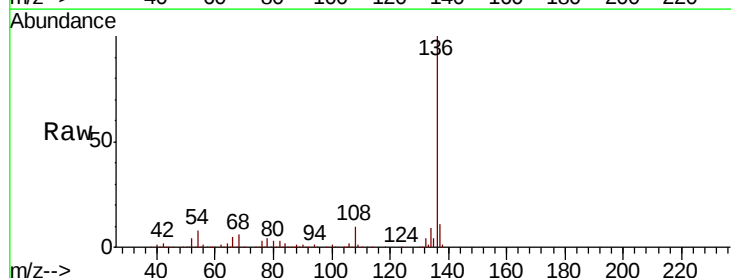
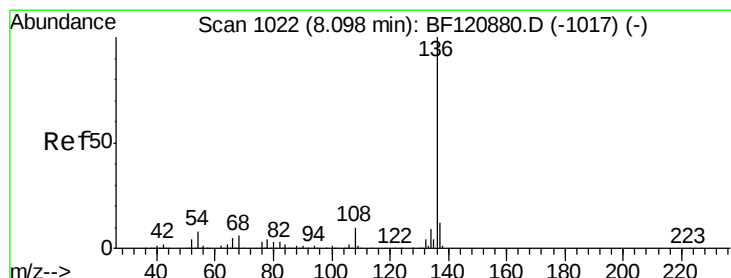
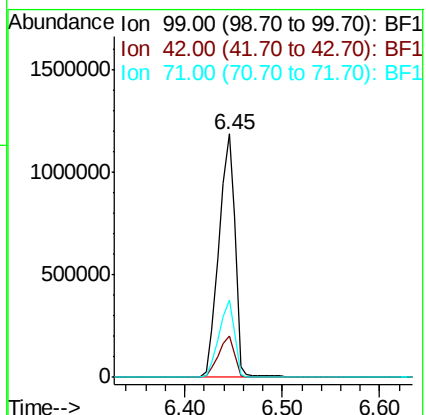
71 31.8 24.2 36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121037.D

Acq: 27 Jul 2020 17:45

Tgt Ion: 136 Resp: 682567

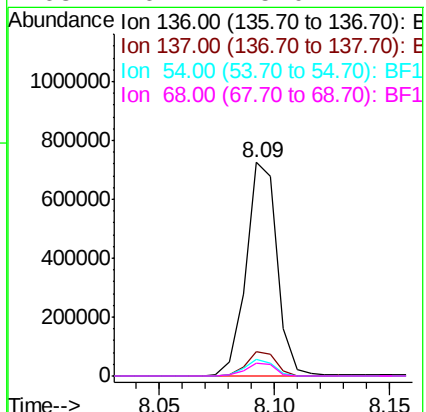
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.5 6.3 9.5

68 6.1 5.0 7.4





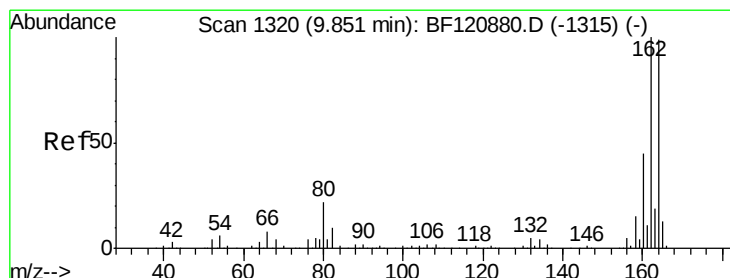
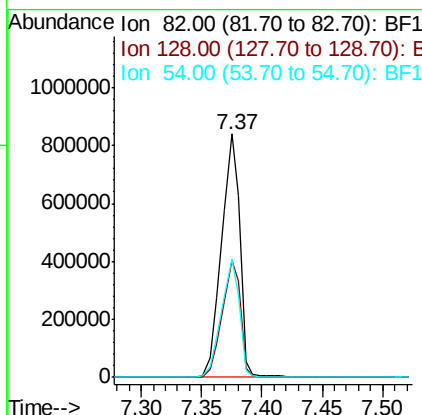
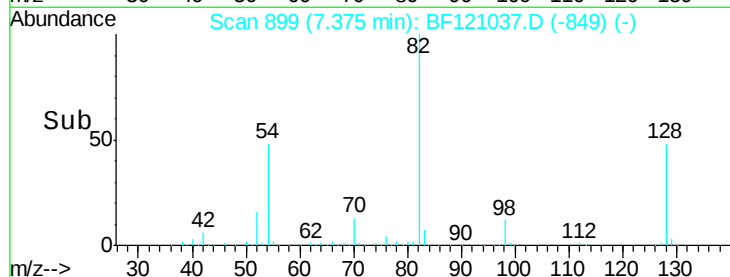
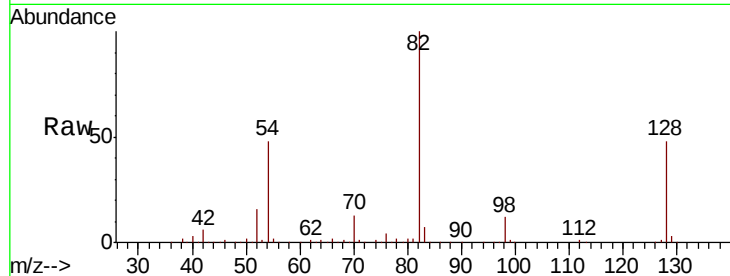
#23
 Nitrobenzene-d5
 Concen: 74.732 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :
 CTR-011

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.2	57.4
54	48.3	38.7	58.1

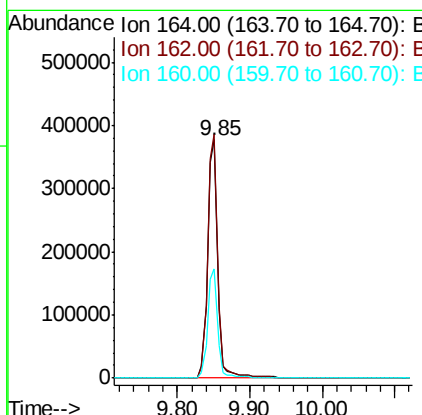
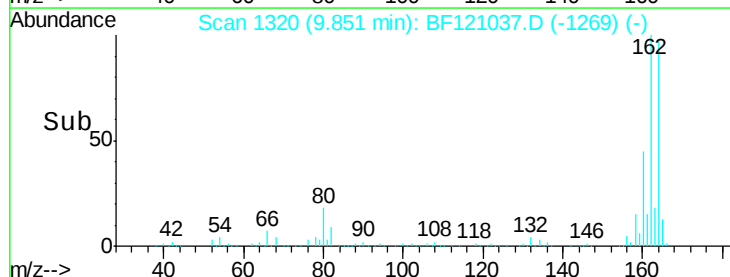
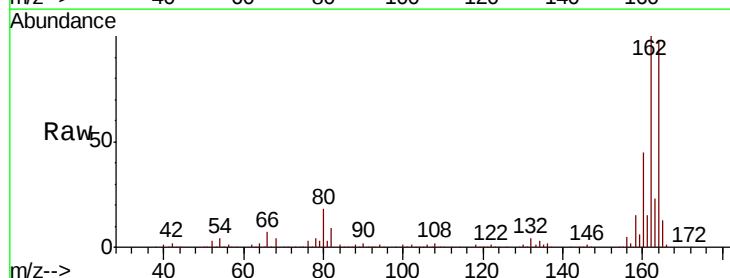
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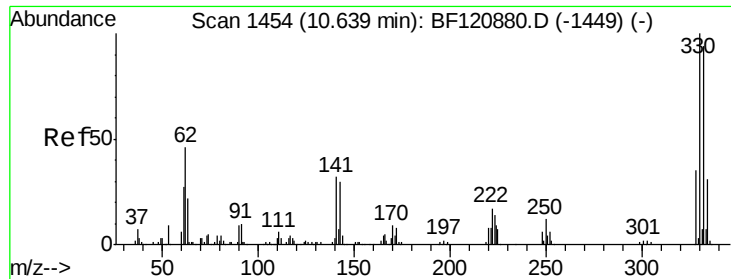
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	45.7	36.9	55.3





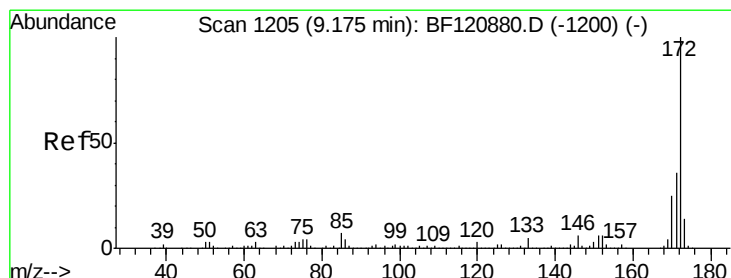
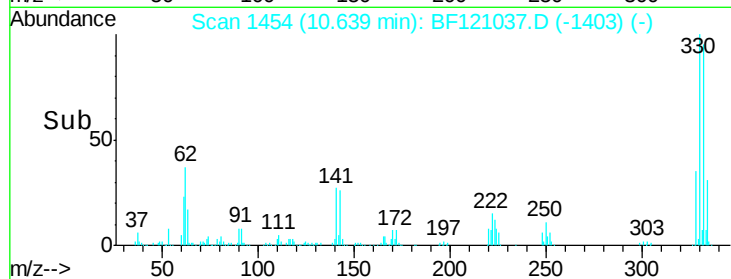
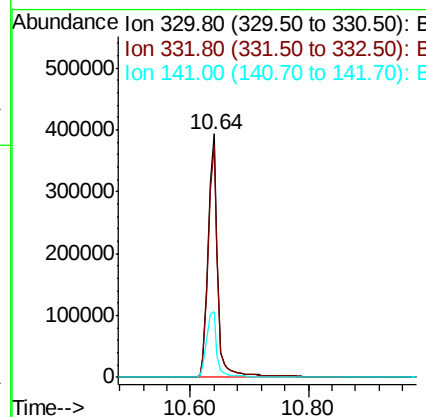
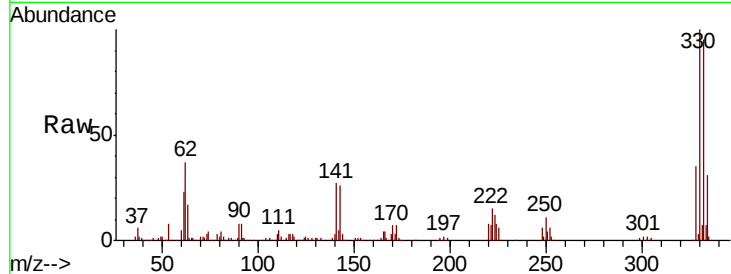
#42
 2,4,6-Tribromophenol
 Concen: 110.986 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Instrument :
 BNA_F
 ClientSampled :
 CTR-011

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	29.1	25.7	38.5

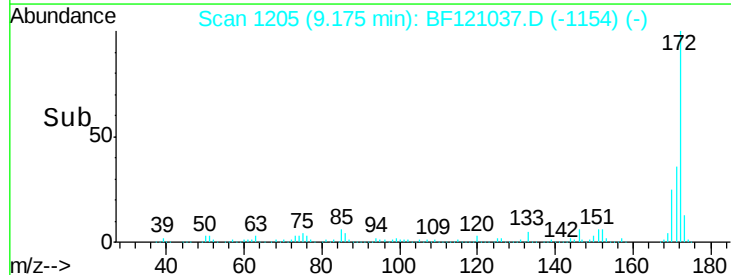
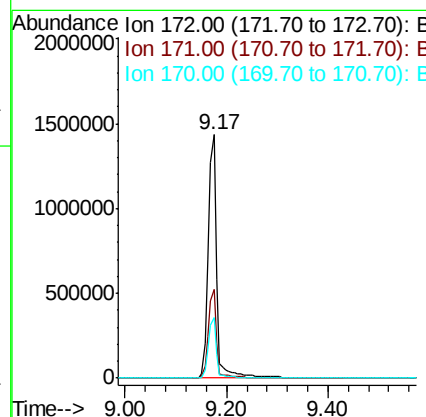
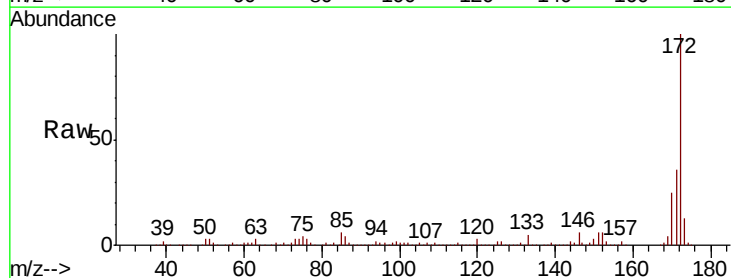
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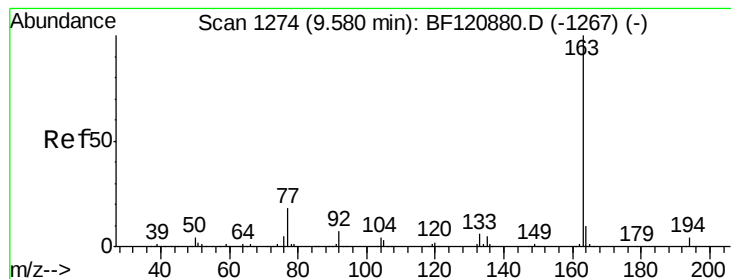
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#45
 2-Fluorobiphenyl
 Concen: 68.270 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.9	19.6	29.4





#50

Dimethylphthalate

Concen: 9.793 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121037.D

Acq: 27 Jul 2020 17:45

Instrument :

BNA_F

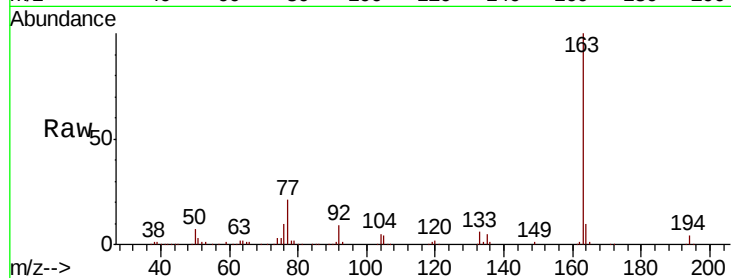
ClientSampleId :

CTR-011

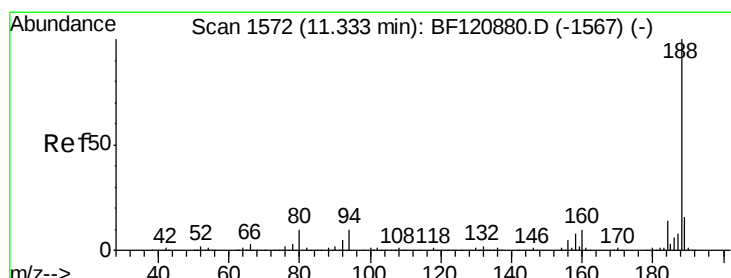
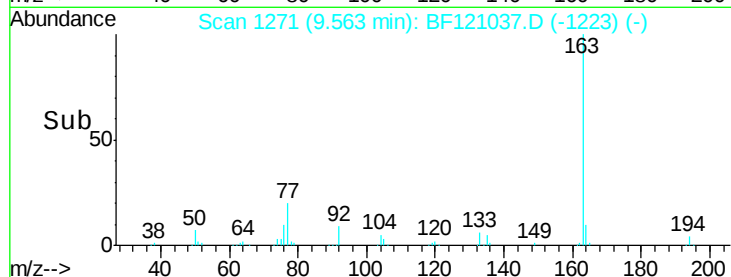
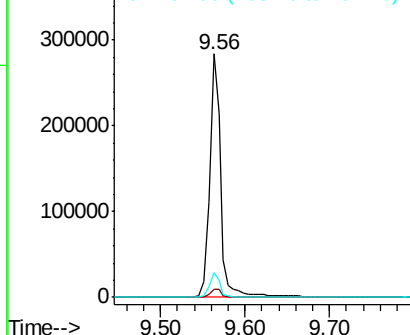
Tot Ion:	163	Resp:	261717
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.1	7.9	11.9

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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

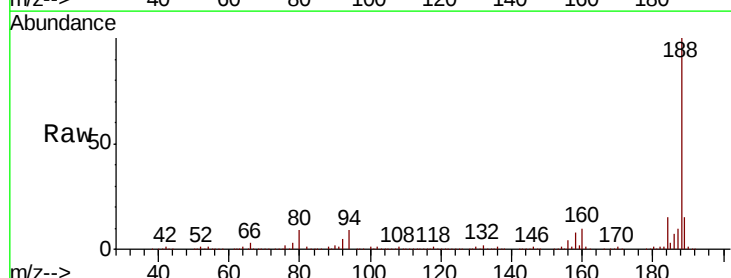
RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

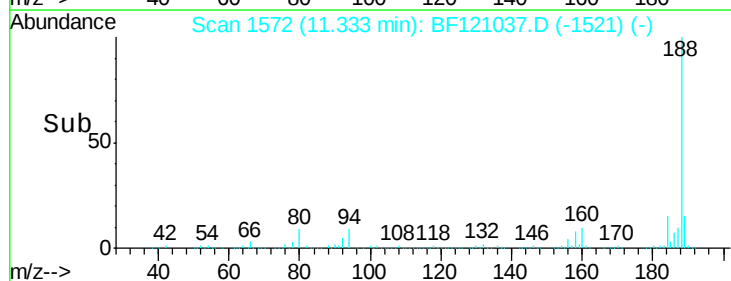
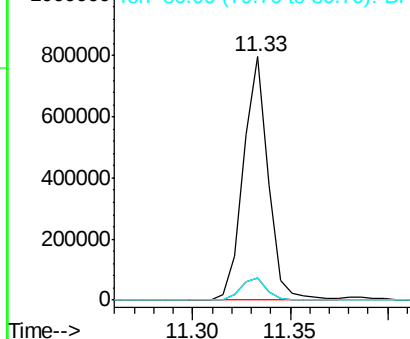
Lab File: BF121037.D

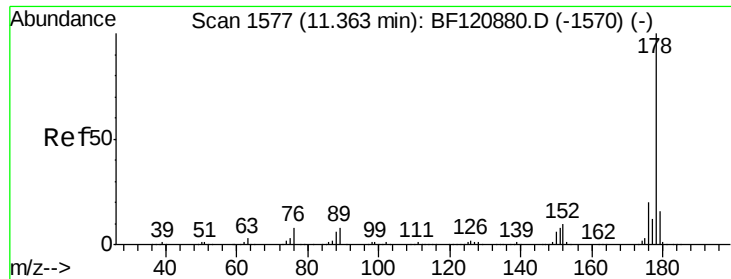
Acq: 27 Jul 2020 17:45

Tgt Ion:	188	Resp:	705244
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.0	12.0
80	9.3	8.3	12.5



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: 3.525 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF121037.D

Acq: 27 Jul 2020 17:45

Instrument :

BNA_F

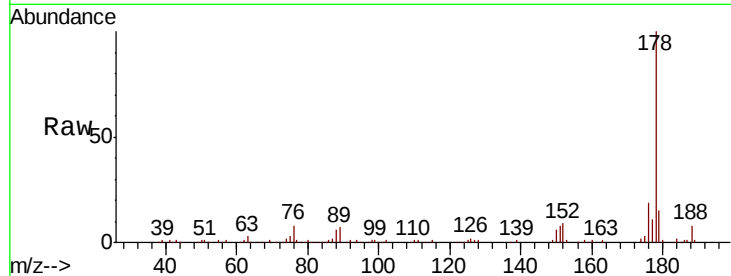
ClientSampleId :

CTR-011

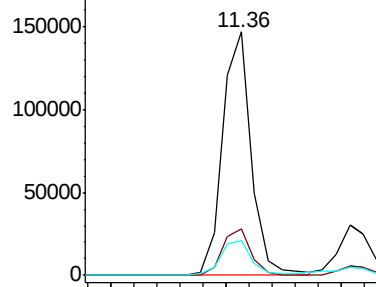
Tot Ion:	178	Resp:	127872
Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.6	12.8	19.2

Manual Integrations
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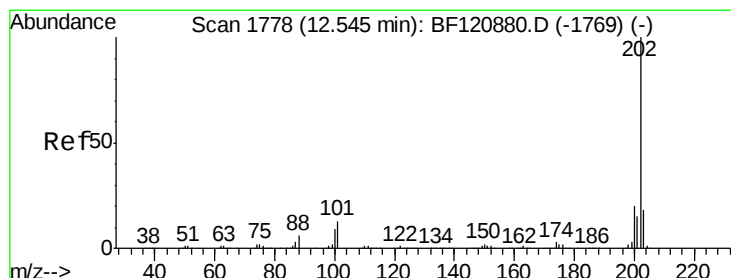
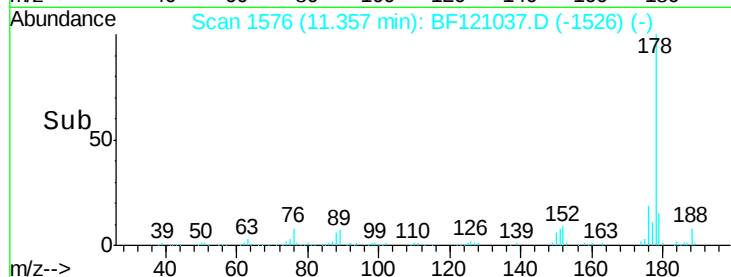
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Abundance Ion 178.00 (177.70 to 178.70): E
200000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 11.30 11.35 11.40



#75

Fluoranthene

Concen: 11.863 ng

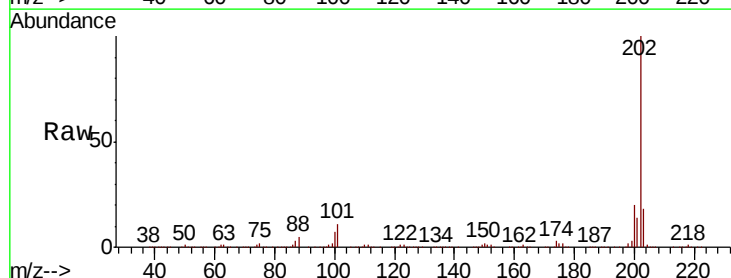
RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

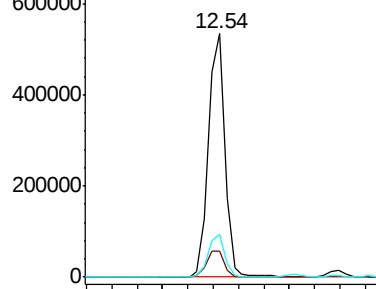
Lab File: BF121037.D

Acq: 27 Jul 2020 17:45

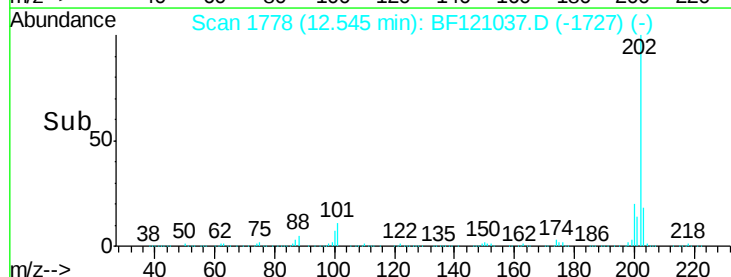
Tgt Ion:	202	Resp:	476949
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.7
203	17.5	0.0	38.0

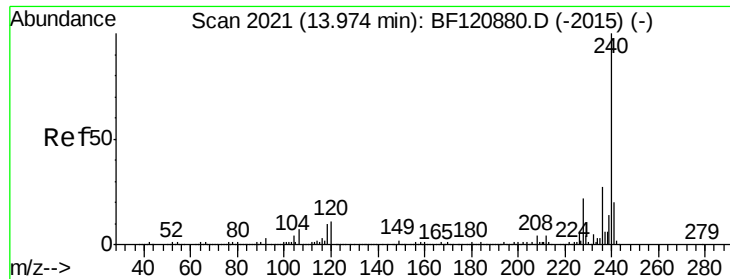


Abundance Ion 202.00 (201.70 to 202.70): E
600000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.60





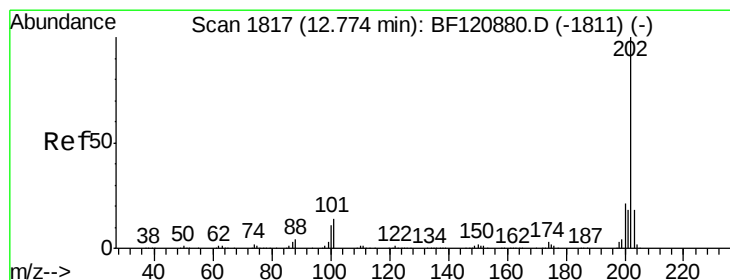
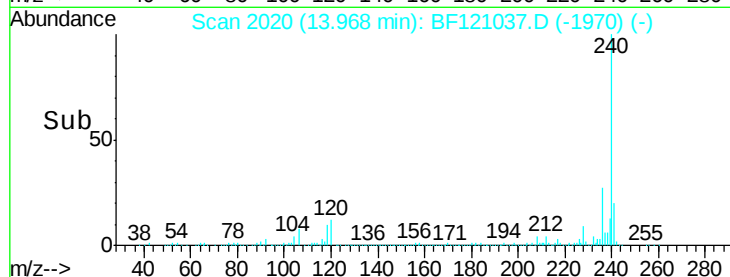
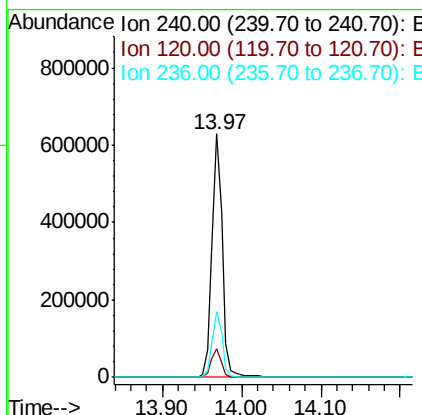
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Instrument :
BNA_F
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	26.8	21.7	32.5

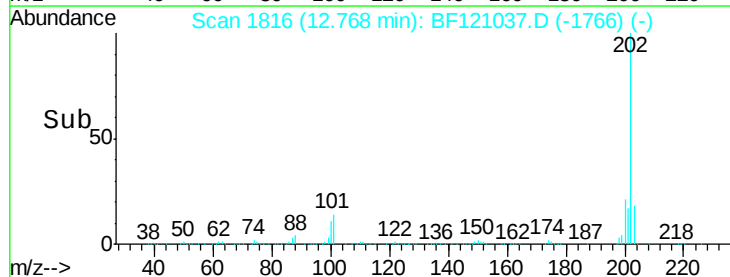
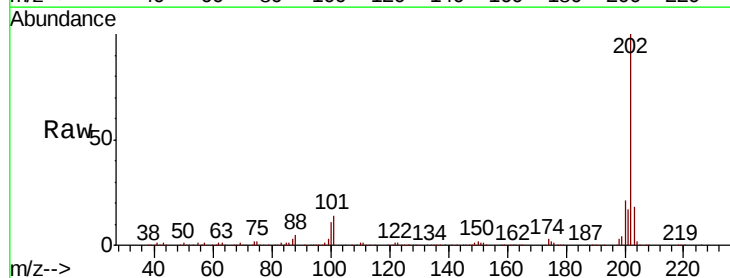
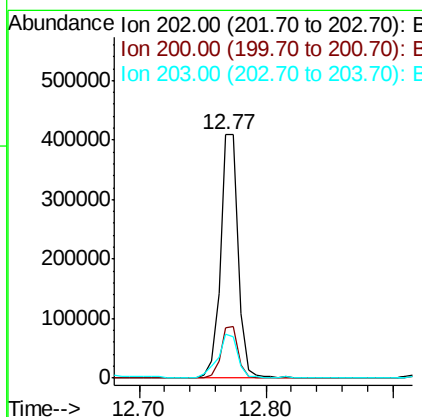
Manual Integrations
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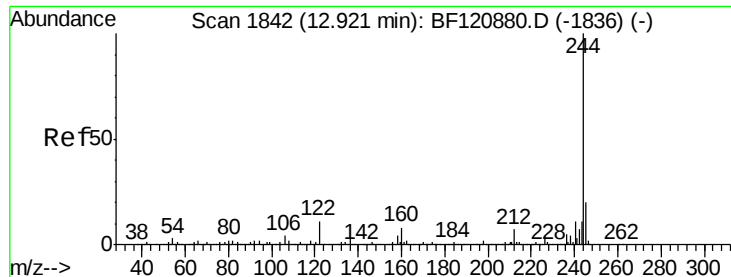
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#78
Pyrene
Concen: 9.904 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.9	14.4	21.6





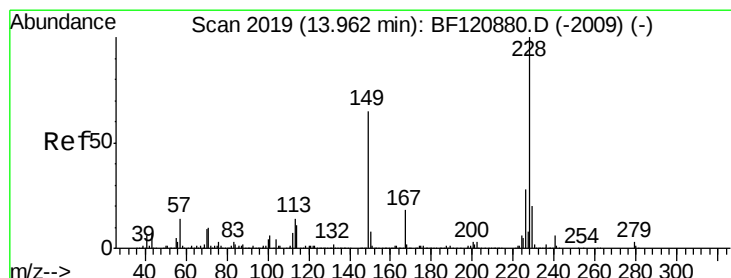
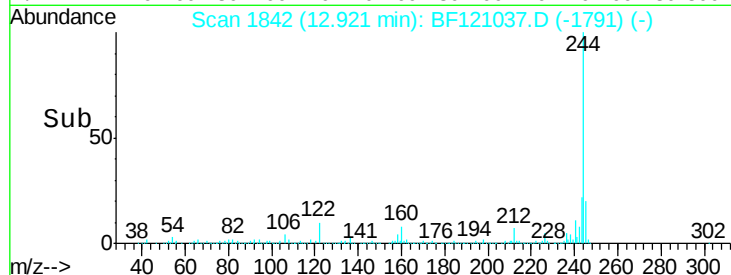
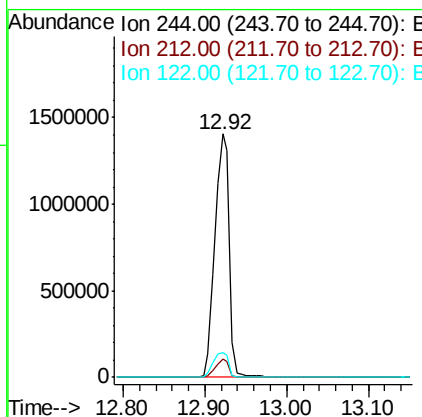
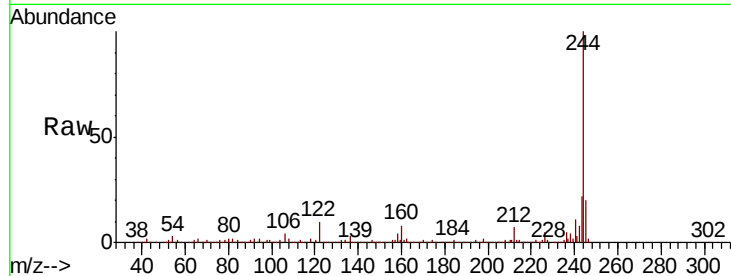
#79
 Terphenyl-d14
 Concen: 66.130 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :
 CTR-011

Tot Ion:244 Resp: 1729583
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.4 8.9 13.3

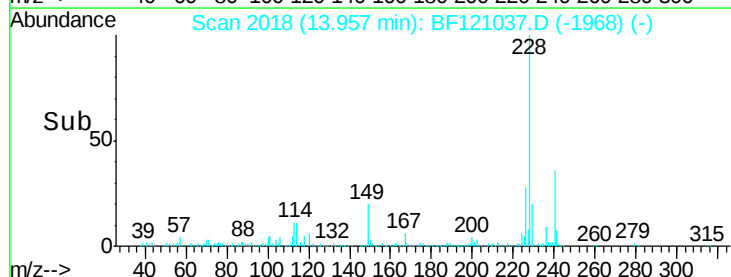
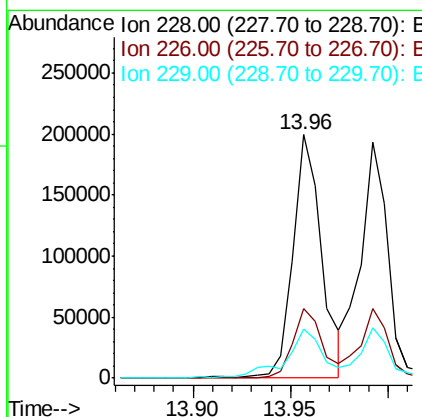
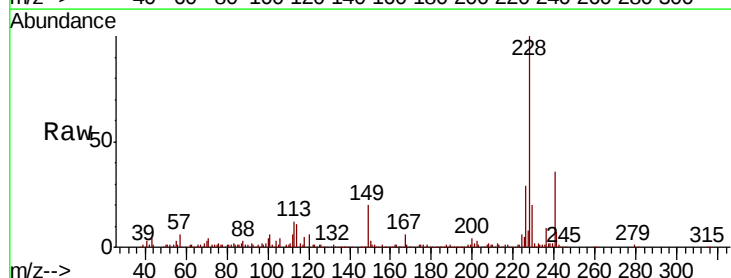
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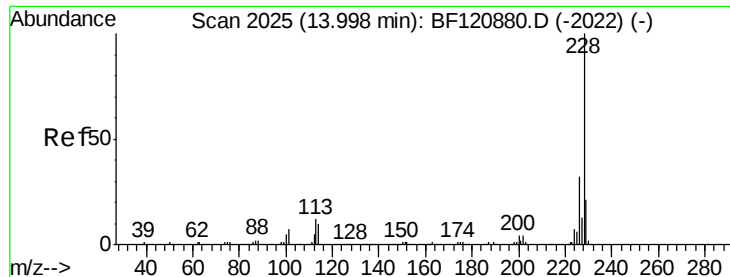
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.917 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Tgt Ion:228 Resp: 203715
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.3 33.5
 229 20.0 16.1 24.1





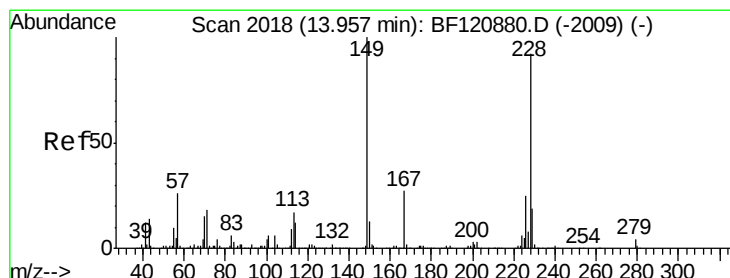
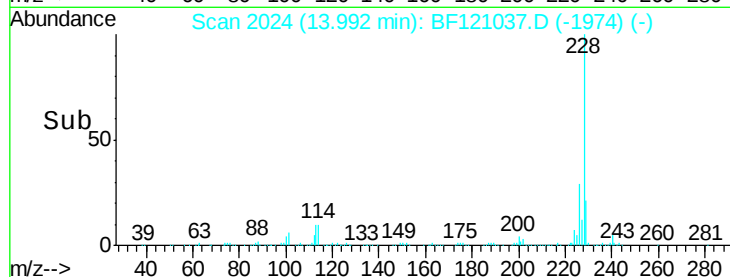
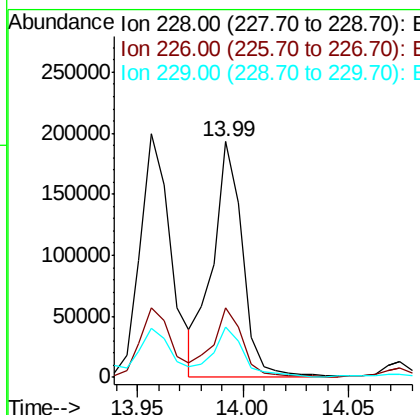
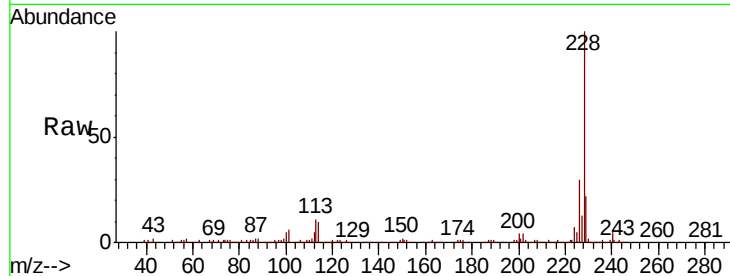
#83
 Chrvsene
 Concen: 5.273 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :
 CTR-011

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.6	38.4
229	21.6	16.8	25.2

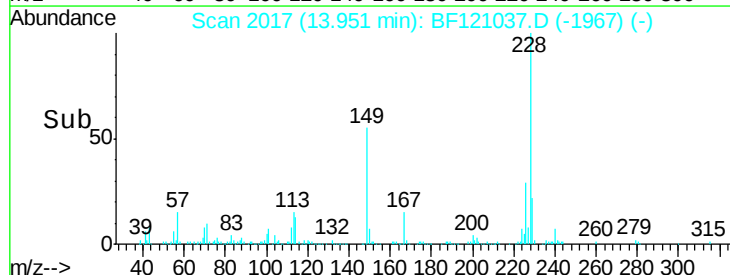
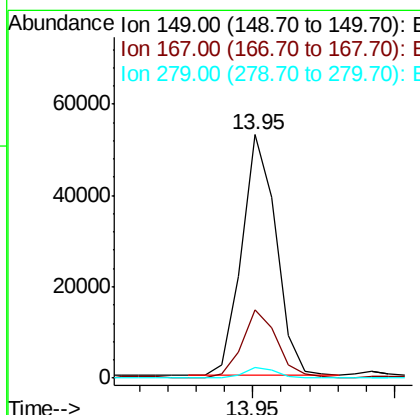
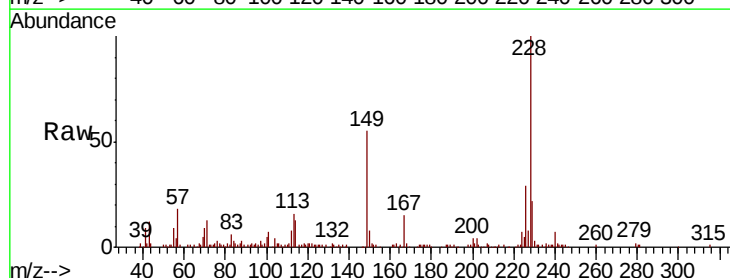
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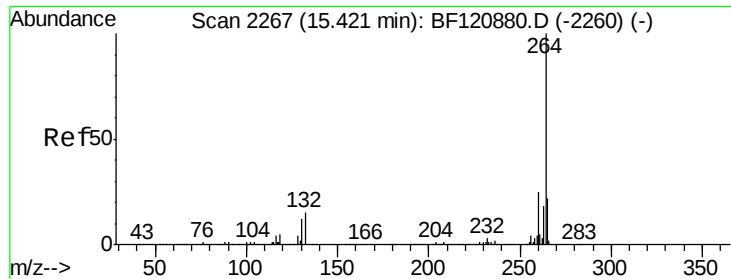
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.017 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF121037.D
 Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.3	3.0	4.4





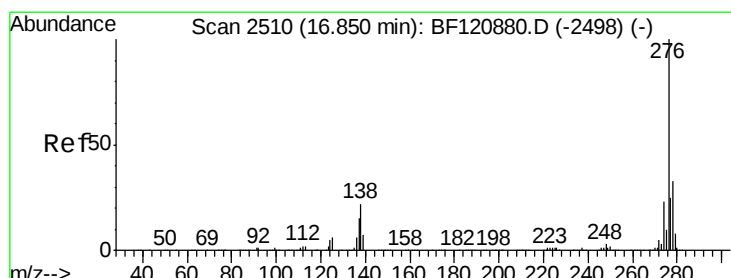
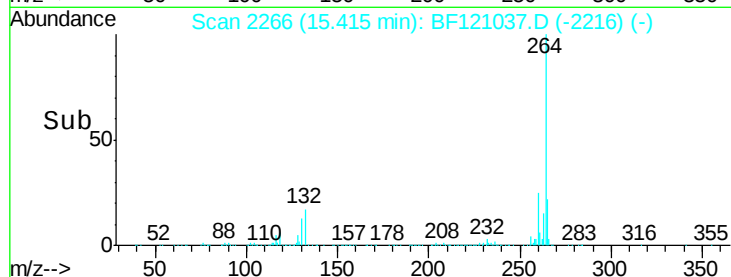
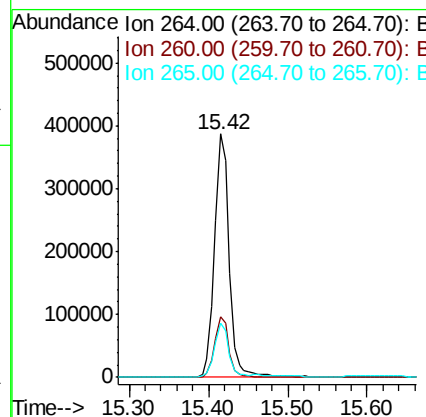
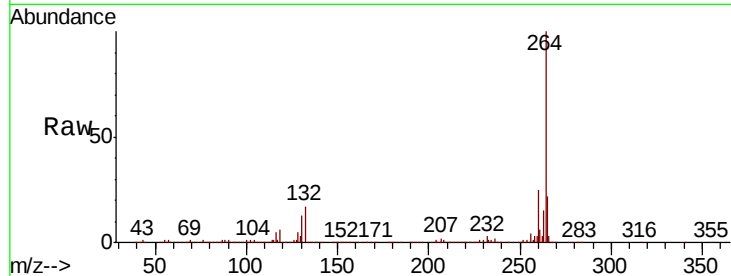
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Instrument :
BNA_F
ClientSampled :
CTR-011

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	22.1	17.4	26.2

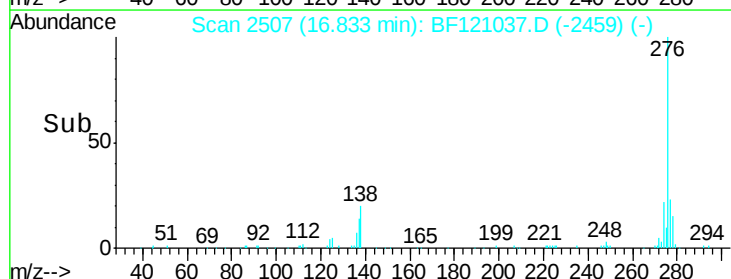
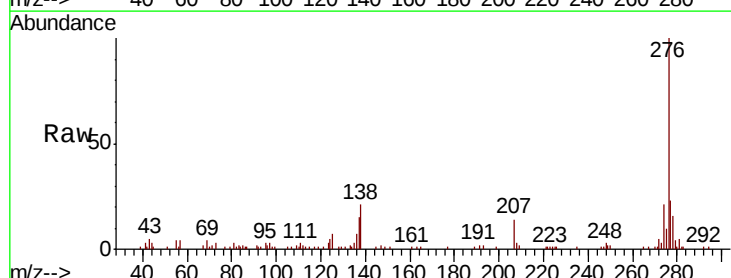
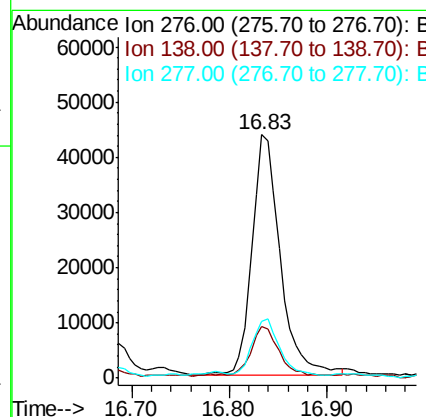
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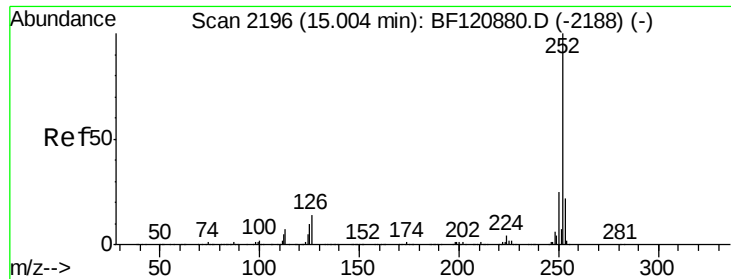
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.537 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.02 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.8	29.8
277	23.7	20.2	30.2





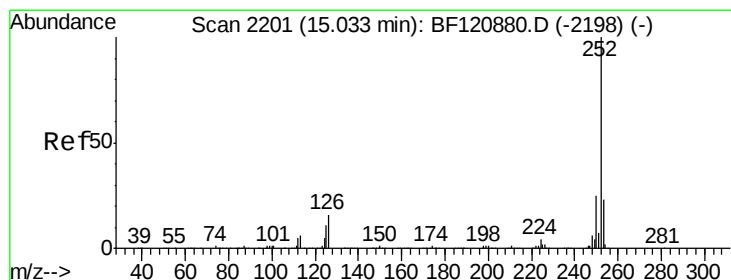
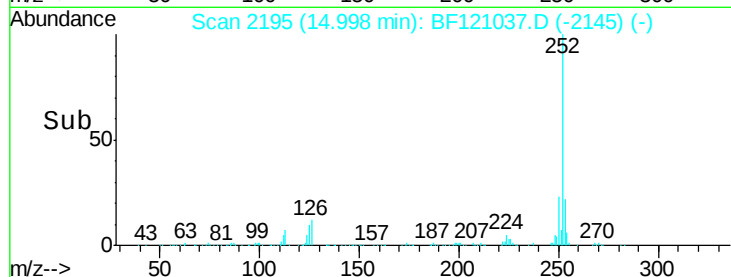
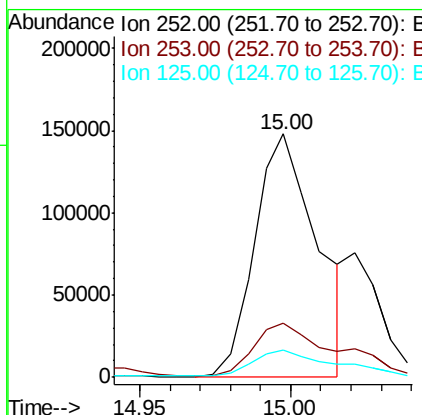
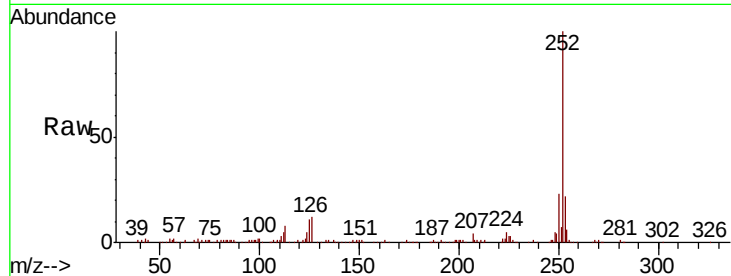
#88
Benzo(b)fluoranthene
Concen: 7.068 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Instrument :
BNA_F
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.0	8.3	12.5

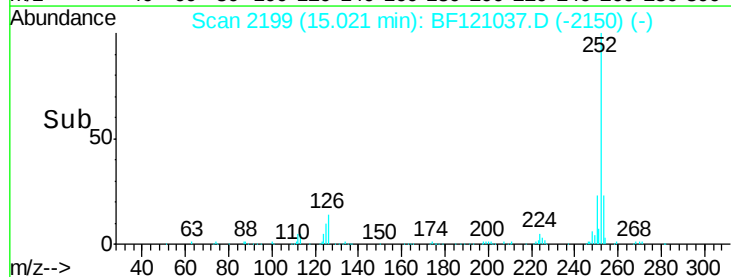
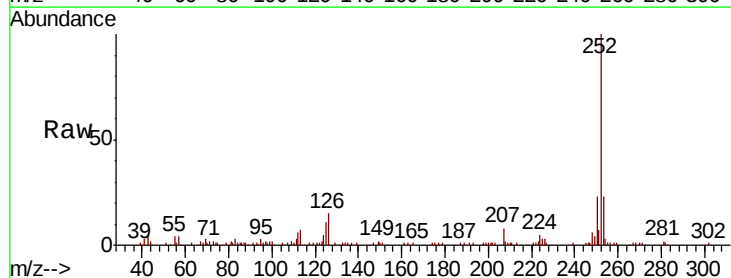
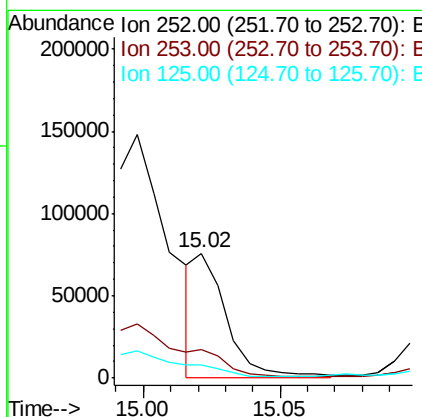
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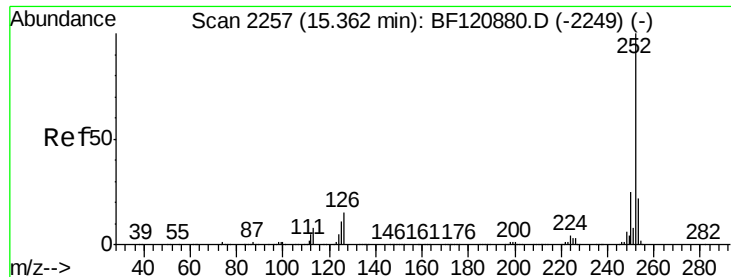
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#89
Benzo(k)fluoranthene
Concen: 2.299 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.8	8.4	12.6





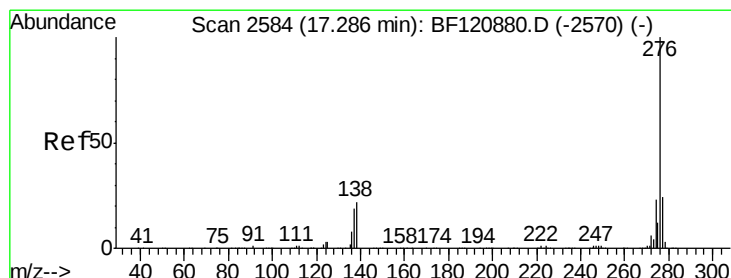
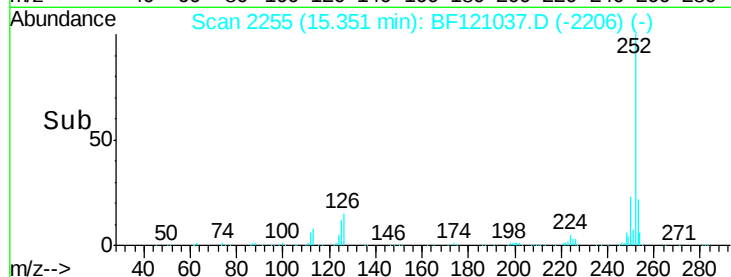
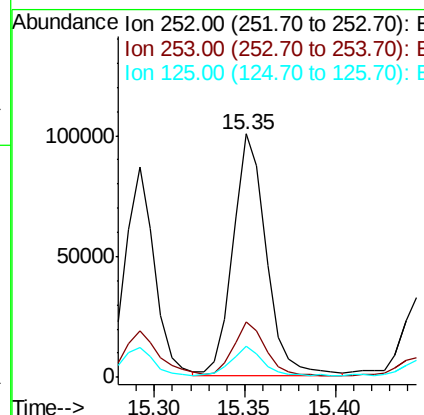
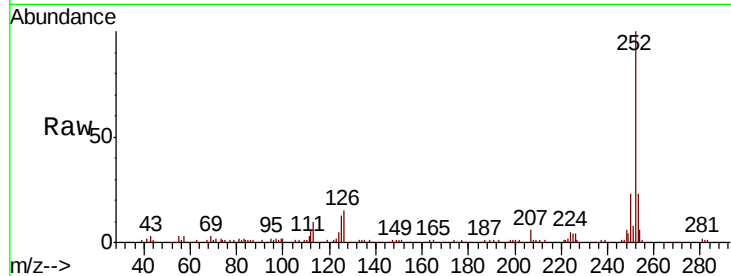
#90
Benzo(a)pyrene
Concen: 4.601 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Instrument :
BNA_F
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.9	8.9	13.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.994 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.02 min
Lab File: BF121037.D
Acq: 27 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.7	17.5	26.3

