

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121064.D
 Acq On : 28 Jul 2020 12:19
 Operator : JU/CG
 Sample : L3382-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-005

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:15 AM

Quant Time: Jul 28 12:47:46 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	152680	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558335	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	306072	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	596011	20.00	ng	0.00
76) Chrysene-d12	13.97	240	525030	20.00	ng	0.00
86) Perylene-d12	15.42	264	459564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	845287	90.76	ng	0.00
7) Phenol-d6	6.44	99	1019713	84.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	627798	65.06	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	341496	101.93	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1280819	62.48	ng	0.00
79) Terphenyl-d14	12.92	244	1370468	56.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	277643	12.574	ng	99
71) Phenanthrene	11.35	178	148521	4.845	ng	98
72) Anthracene	11.40	178	94940	3.084	ng	98
75) Fluoranthene	12.54	202	452547	13.319	ng	99
78) Pyrene	12.77	202	462737	12.466	ng	99
81) Benzo(a)anthracene	13.96	228	228798	7.196	ng	98
83) Chrysene	13.99	228	327774	9.810	ng	98
87) Indeno(1,2,3-cd)pyrene	16.83	276	110756	3.465	ng	94
88) Benzo(b)fluoranthene	14.99	252	323976m	11.663	ng	
89) Benzo(k)fluoranthene	15.02	252	127580m	5.036	ng	
90) Benzo(a)pyrene	15.35	252	169440	6.685	ng	100
92) Benzo(a,h,i)perylene	17.26	276	103034	4.003	ng	99

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

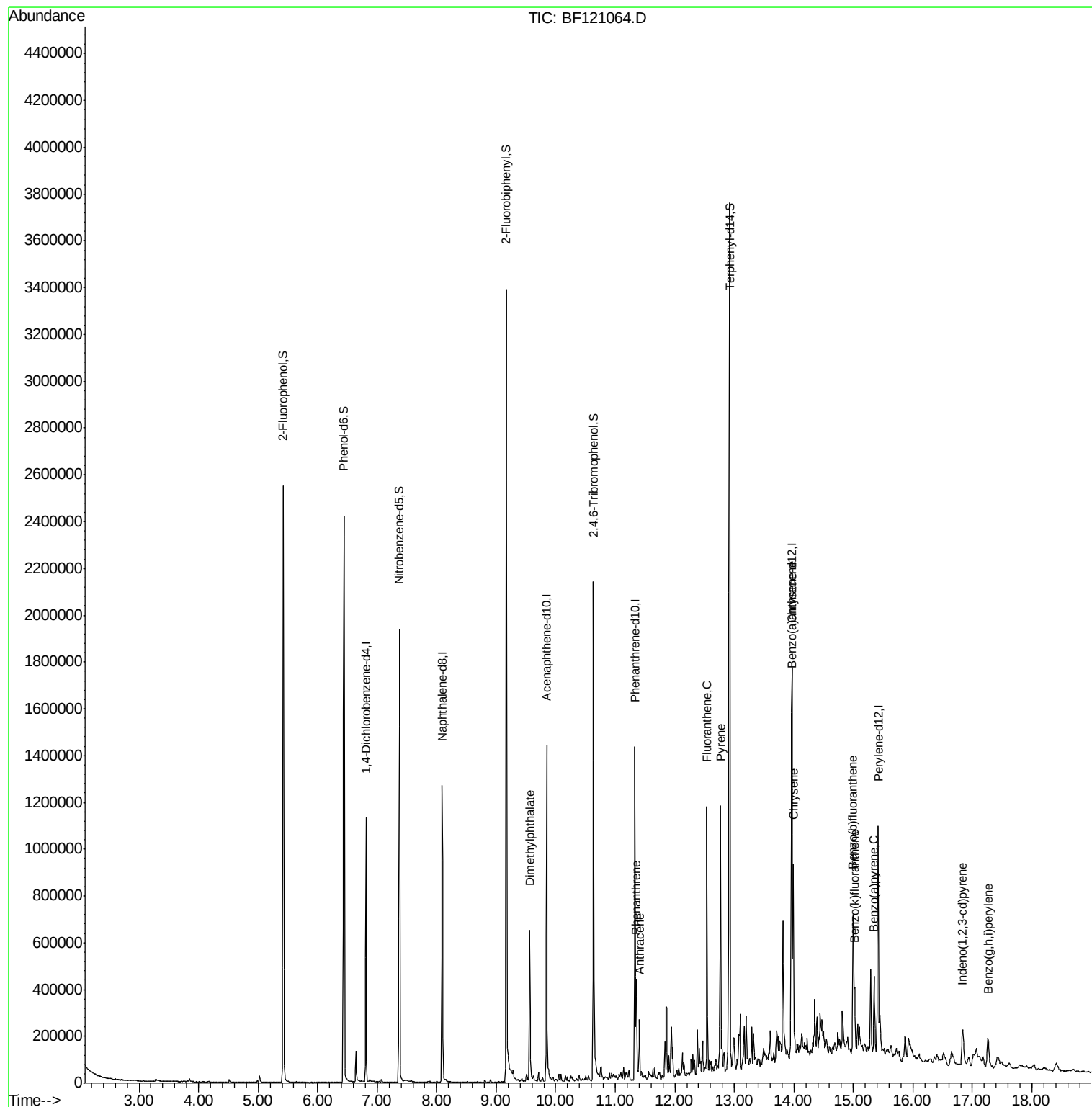
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121064.D
Acq On : 28 Jul 2020 12:19
Operator : JU/CG
Sample : L3382-13
Misc :
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Instrument :
BNA_F
ClientSampleId :
CTR-005

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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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Response via : Initial Calibration





#1

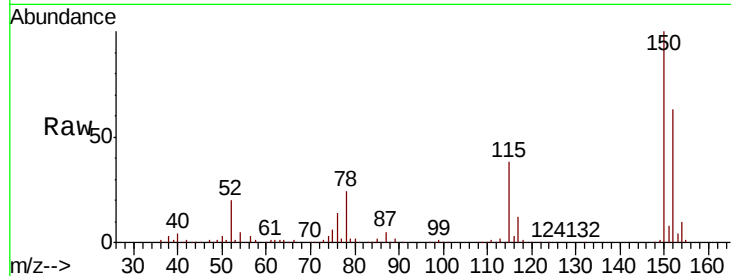
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Instrument :
BNA_F
ClientSampleId :
CTR-005

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.0	187.6
115	59.8	47.0	70.4

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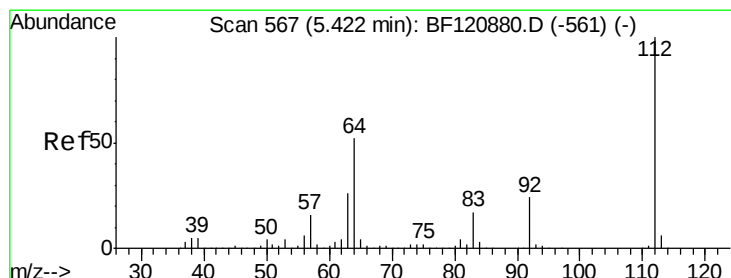
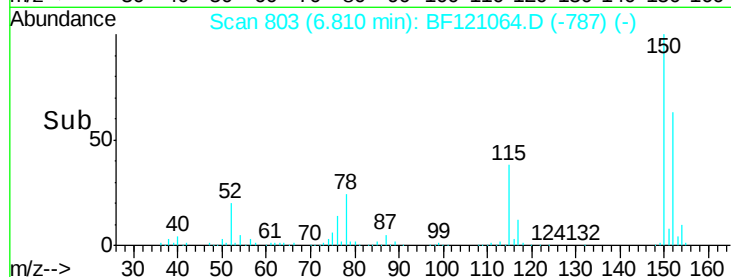
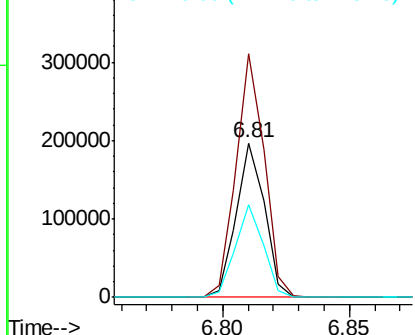


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

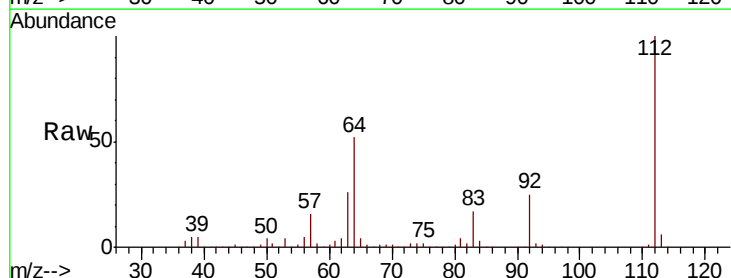
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.760 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.3	61.9
63	25.9	21.1	31.7

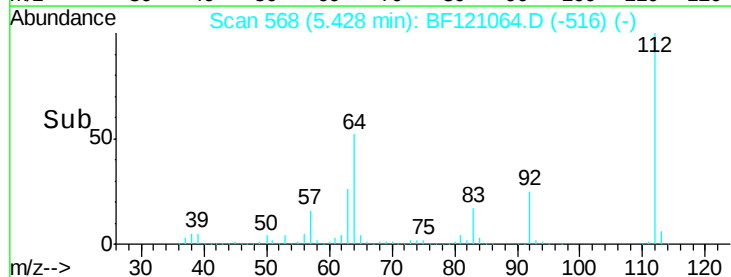
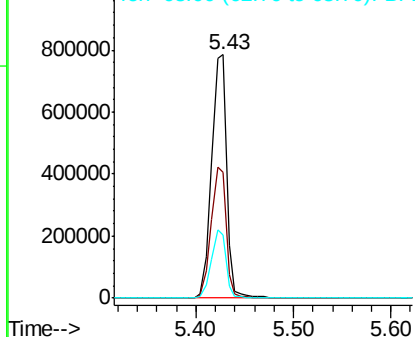


Abundance

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: 84.760 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Instrument :

BNA_F

ClientSampleId :

CTR-005

Tot Ion: 99 Resp: 1019713

Ion Ratio Lower Upper

99 100

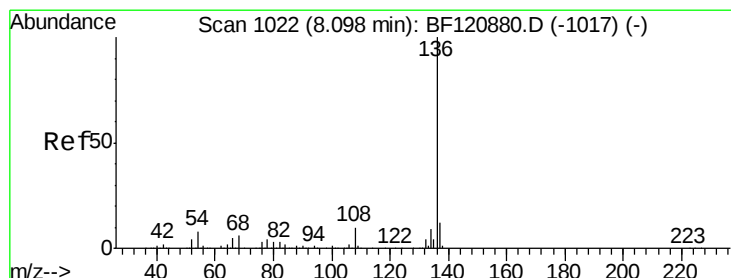
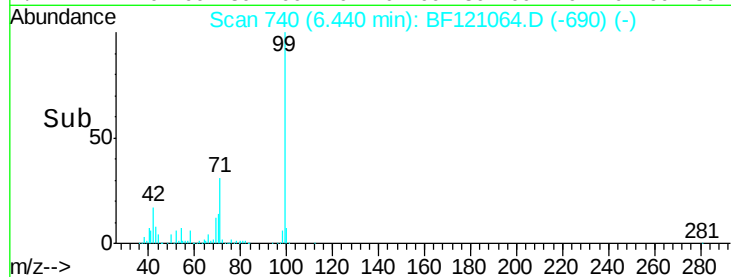
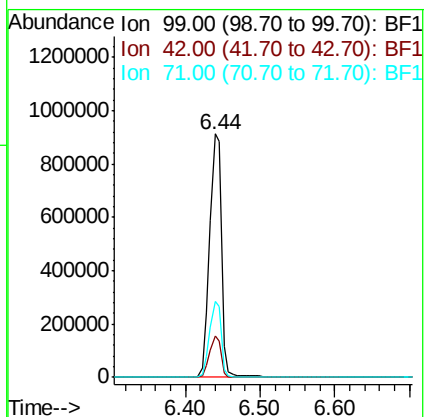
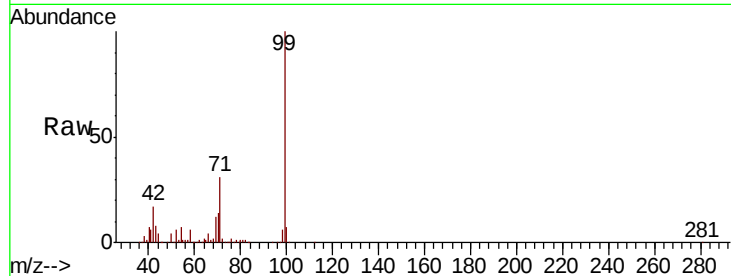
42 17.1 13.1 19.7

71 31.4 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: BF121064.D

Acq: 28 Jul 2020 12:19

Tgt Ion: 136 Resp: 558335

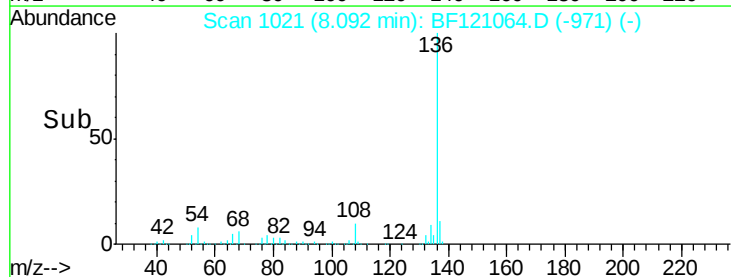
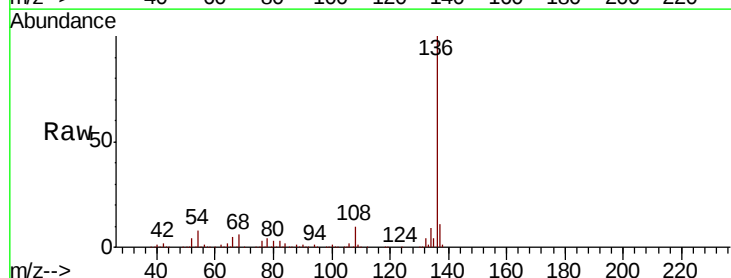
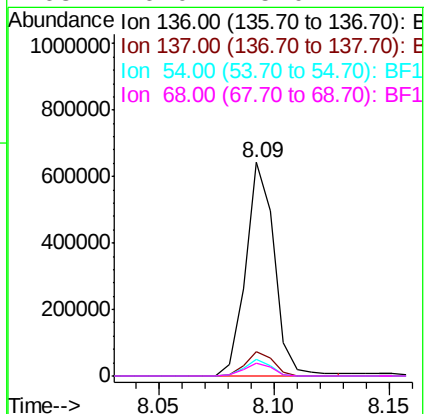
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.6 6.3 9.5

68 6.0 5.0 7.4





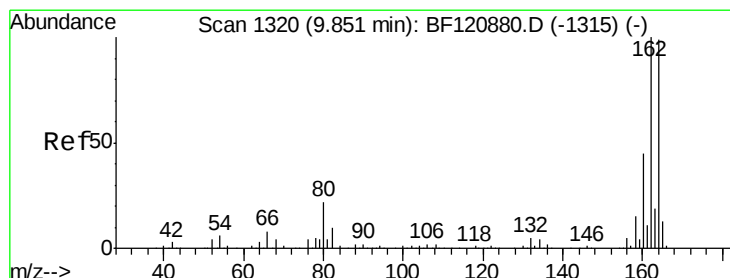
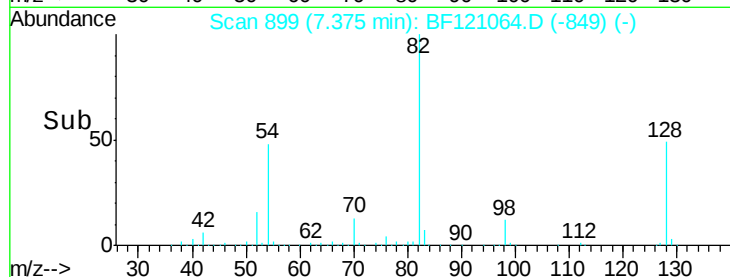
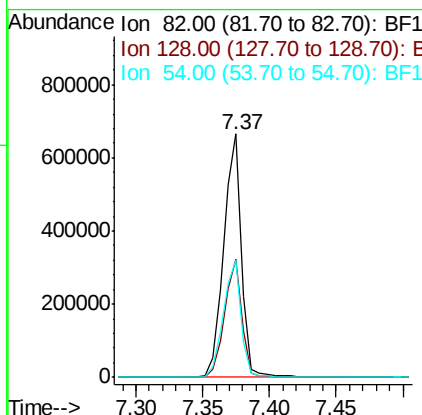
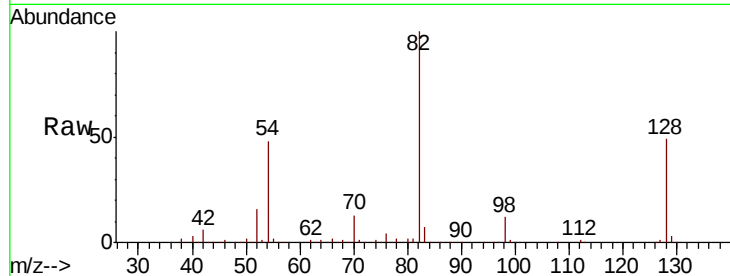
#23
 Nitrobenzene-d5
 Concen: 65.062 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121064.D
 Acq: 28 Jul 2020 12:19

Instrument :
 BNA_F
 ClientSampled :
 CTR-005

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.2	57.4
54	48.1	38.7	58.1

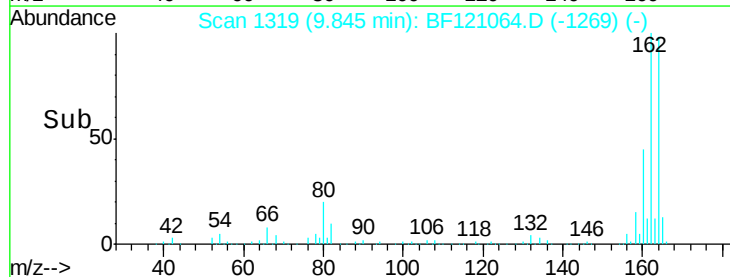
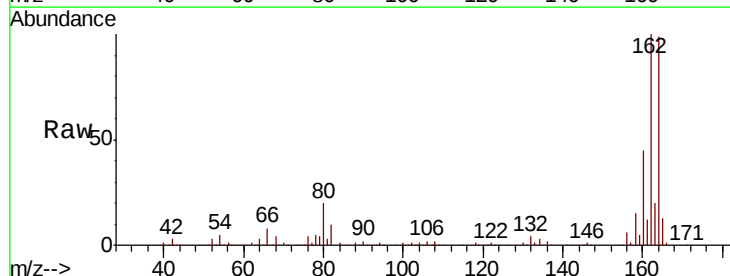
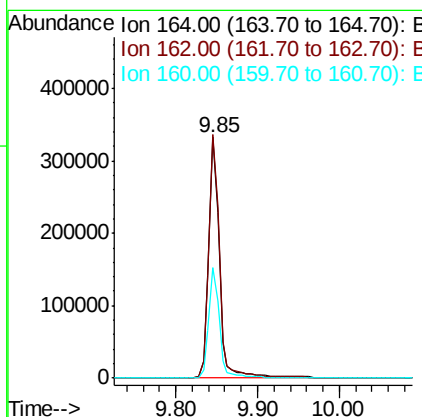
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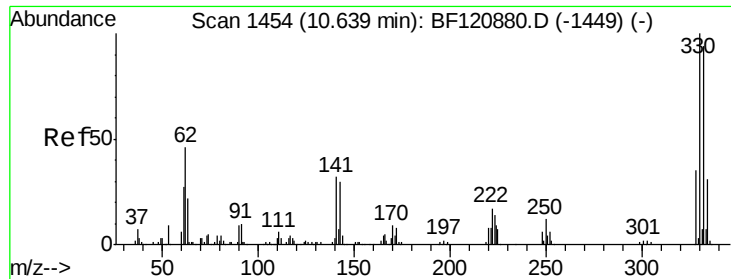
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121064.D
 Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	46.0	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 101.931 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Instrument :

BNA_F

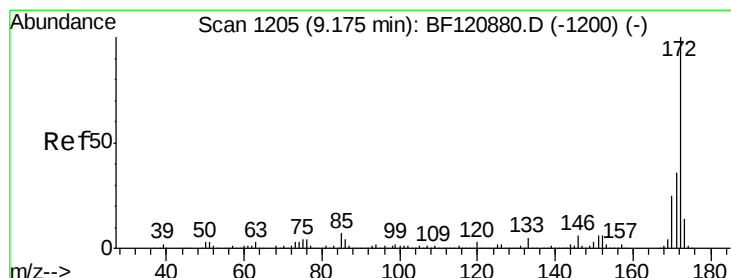
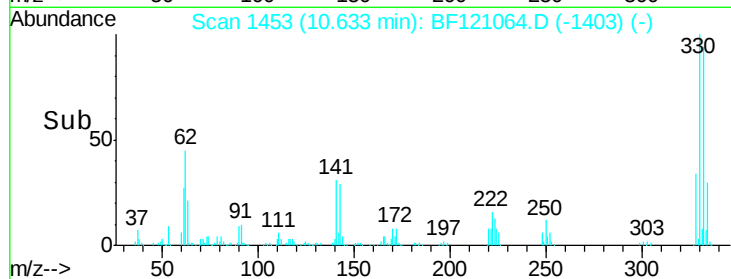
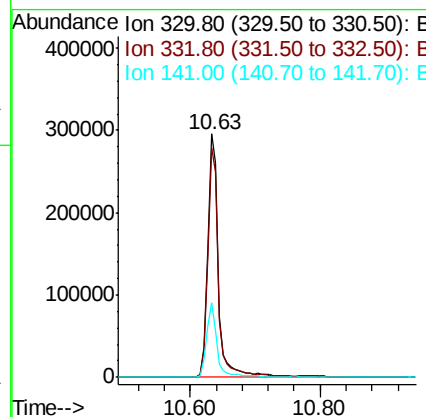
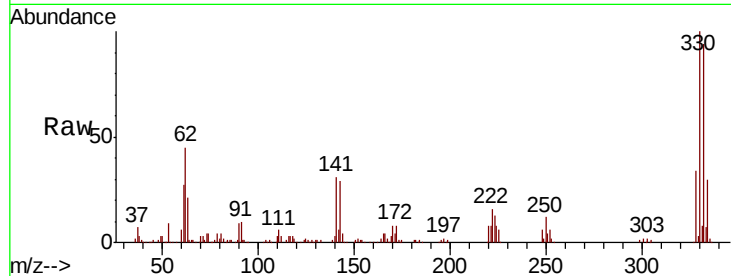
ClientSampleId :

CTR-005

Tot Ion:	330	Resp:	341496
Ion Ratio	Lower	Upper	
330	100		
332	94.6	75.5	113.3
141	30.0	25.7	38.5

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#45

2-Fluorobiphenyl

Concen: 62.479 ng

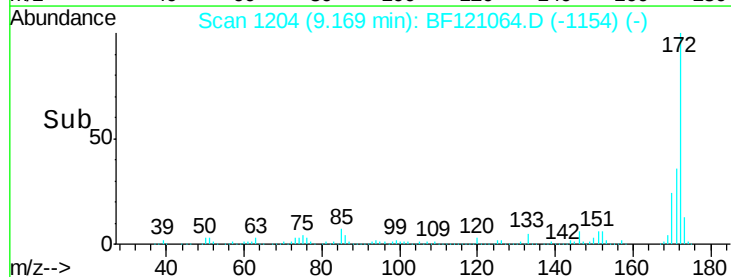
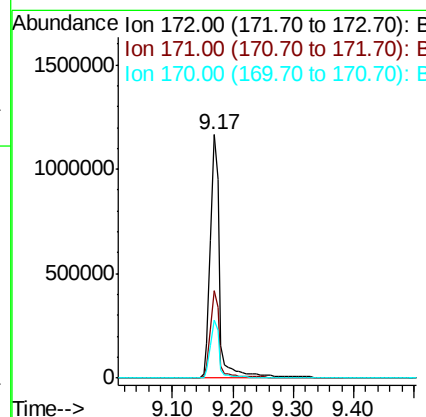
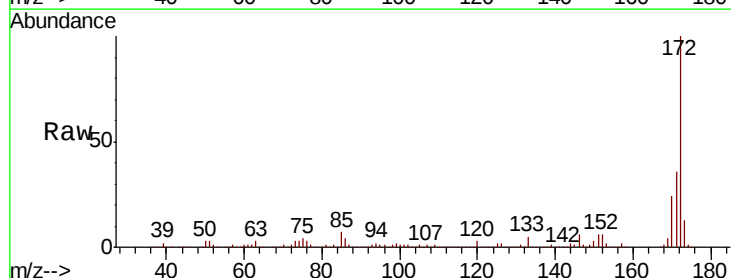
RT: 9.17 min Scan# 1204

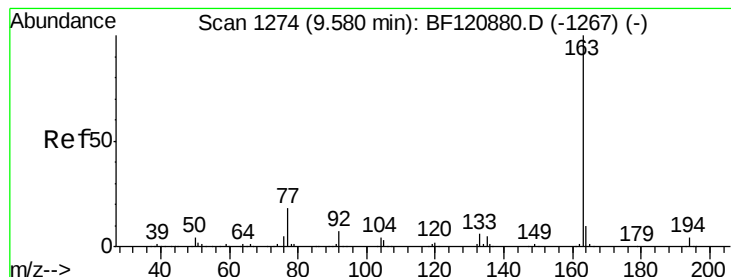
Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Tgt Ion:	172	Resp:	1280819
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.4
170	24.0	19.6	29.4





#50

Dimethylphthalate

Concen: 12.574 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Instrument :

BNA_F

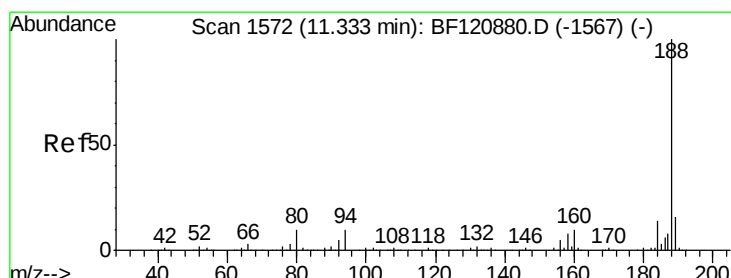
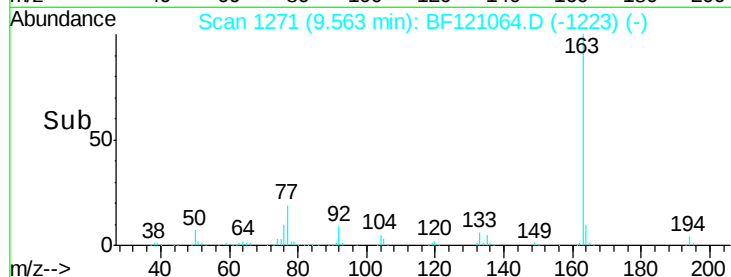
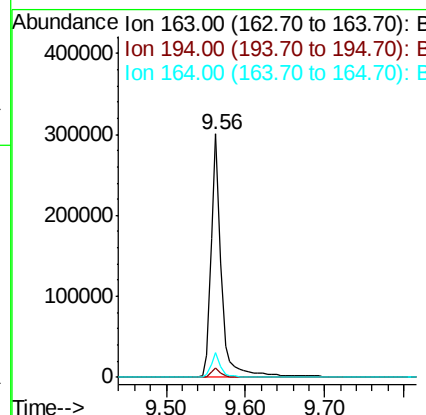
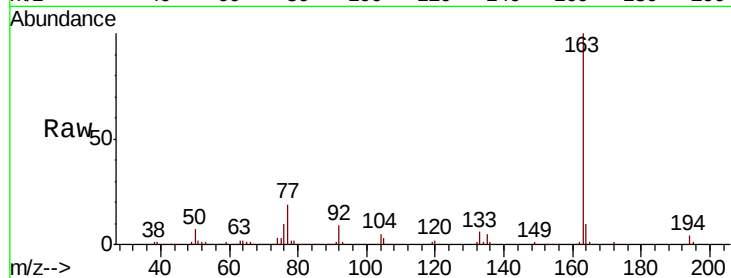
ClientSampleId :

CTR-005

Tot Ion:	163	Resp:	277643
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.2	7.9	11.9

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#64

Phenanthrene-d10

Concen: 20.000 ng

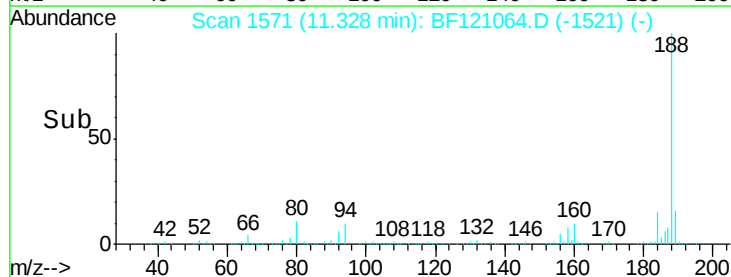
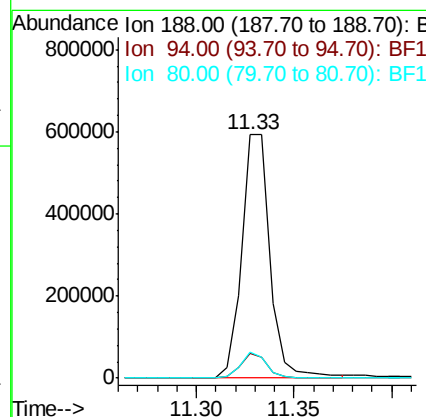
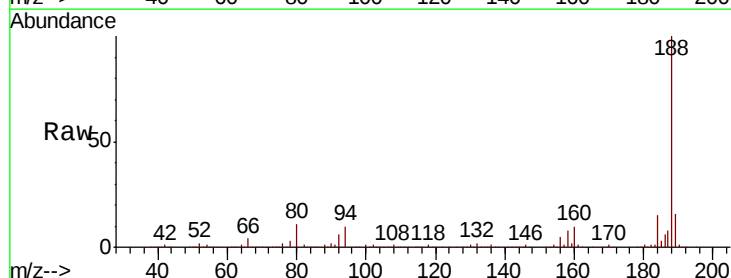
RT: 11.33 min Scan# 1571

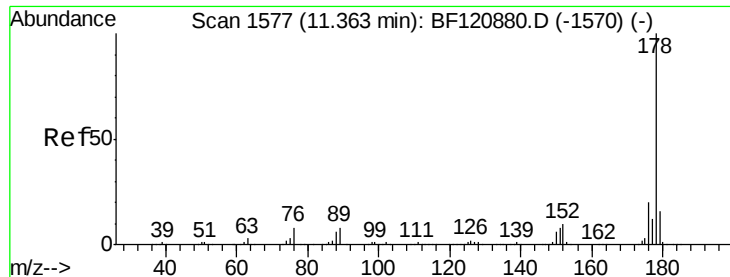
Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Tgt Ion:	188	Resp:	596011
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.0	12.0
80	10.8	8.3	12.5





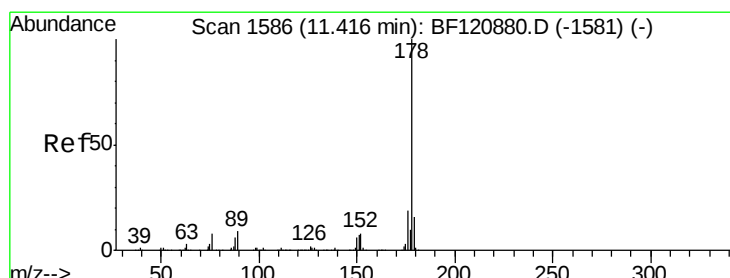
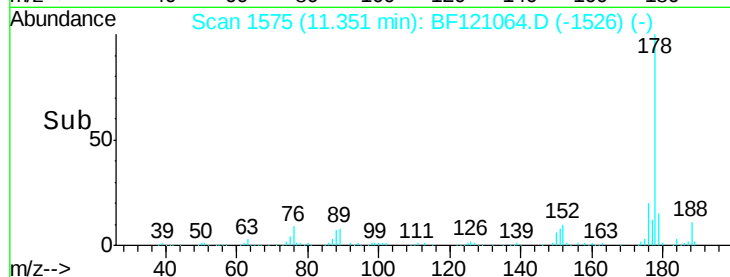
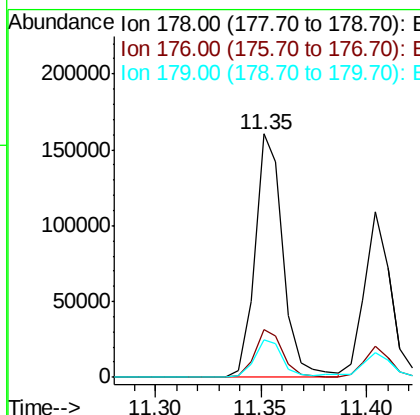
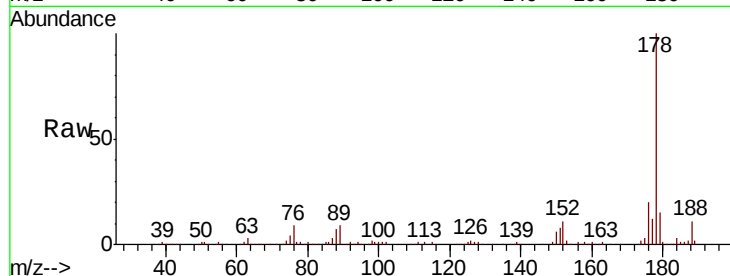
#71
Phenanthrene
Concen: 4.845 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Instrument :
BNA_F
ClientSampleId :
CTR-005

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.3	12.8	19.2

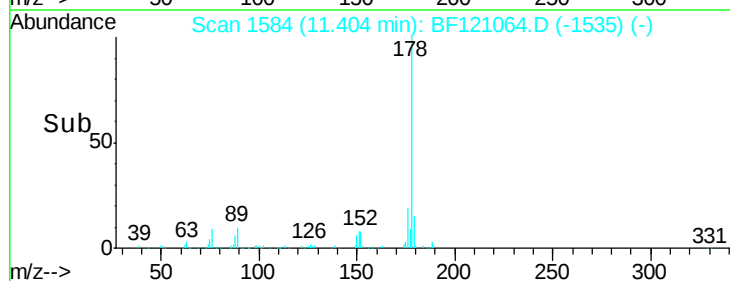
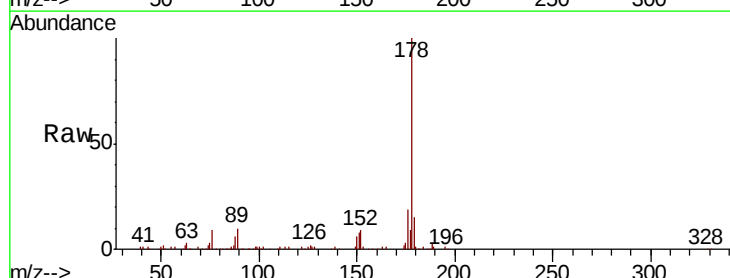
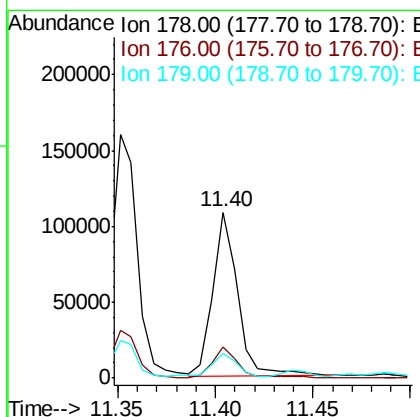
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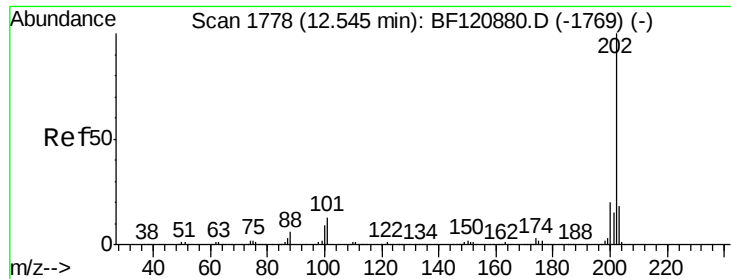
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#72
Anthracene
Concen: 3.084 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.0	12.8	19.2





#75

Fluoranthene

Concen: 13.319 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Instrument :

BNA_F

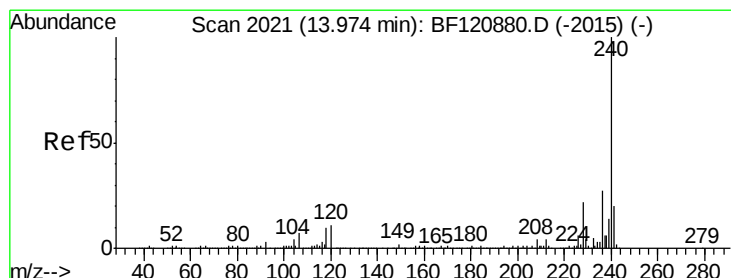
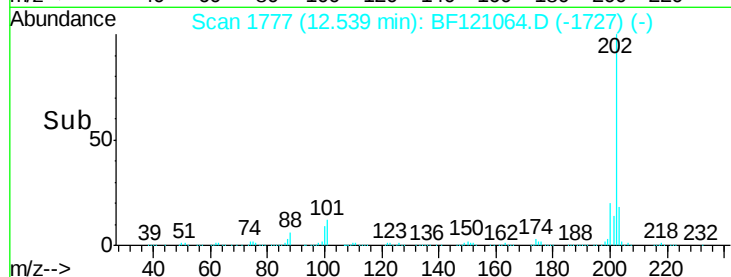
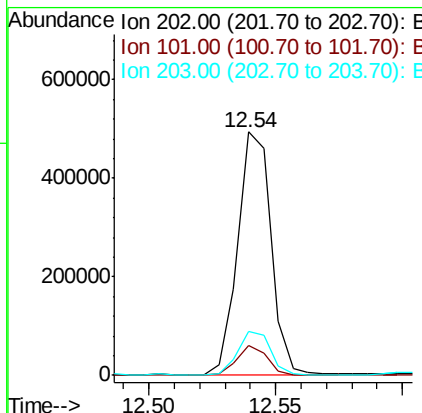
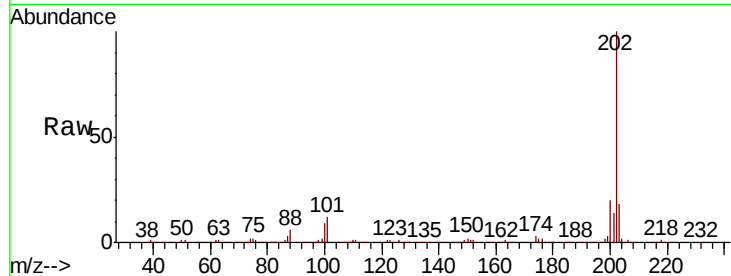
ClientSampleId :

CTR-005

Tot Ion	Ratio	Resp	Lower	Upper
202	100	452547		
101	12.4	0.0	32.7	
203	17.8	0.0	38.0	

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#76

Chrysene-d12

Concen: 20.000 ng

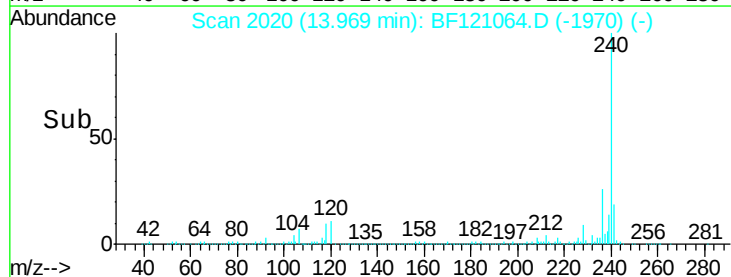
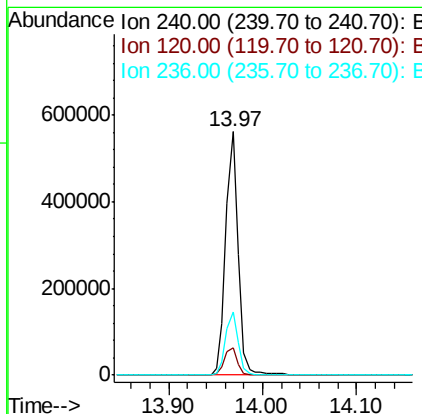
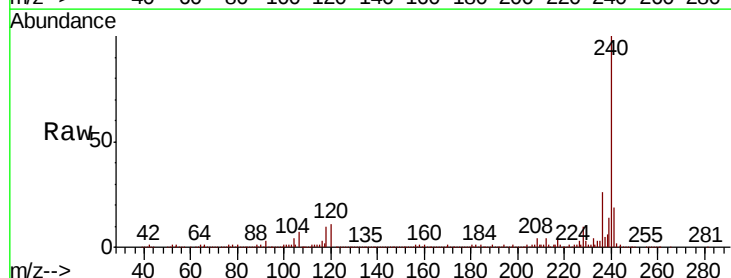
RT: 13.97 min Scan# 2020

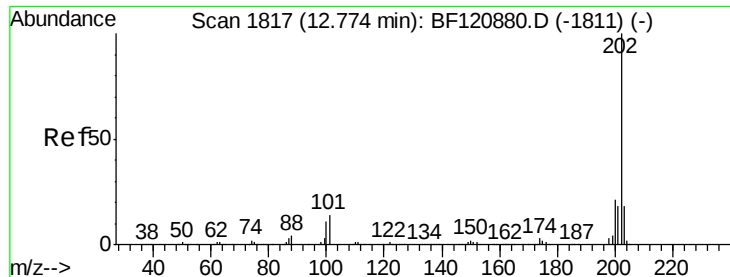
Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	525030		
120	11.0	9.0	13.4	
236	26.2	21.7	32.5	





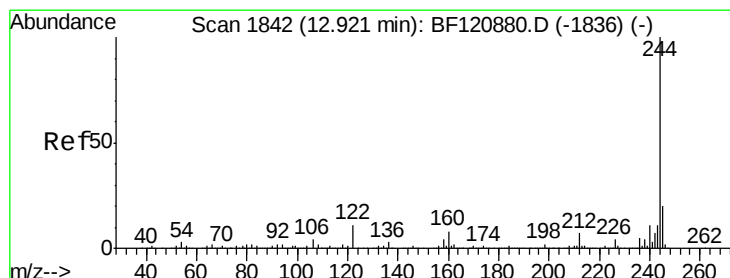
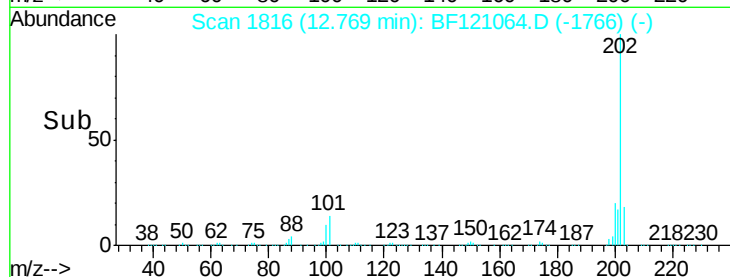
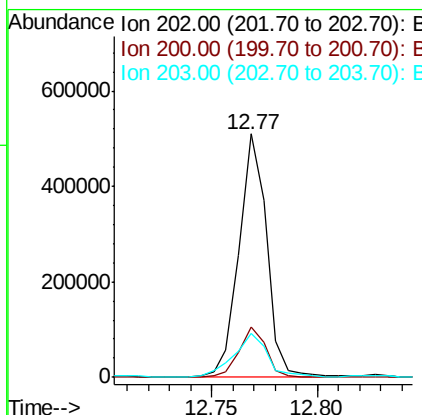
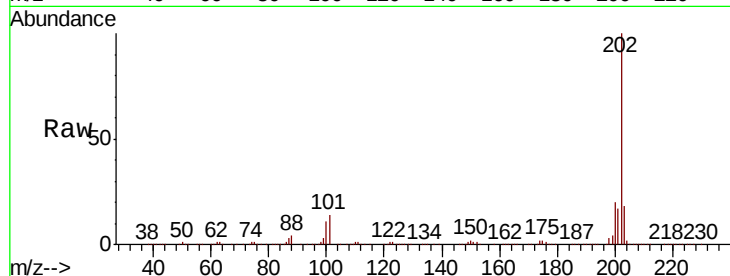
#78
Pvrene
Concen: 12.466 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Instrument :
BNA_F
ClientSampleId :
CTR-005

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.3	14.4	21.6

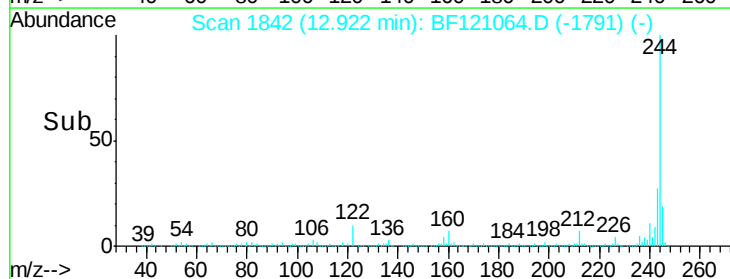
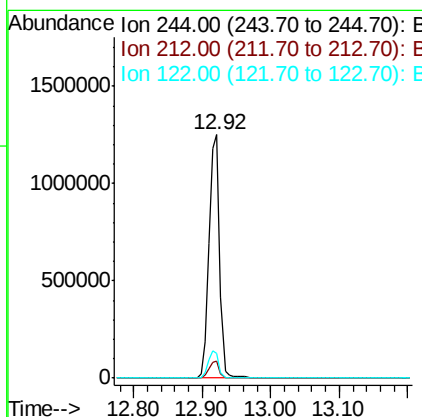
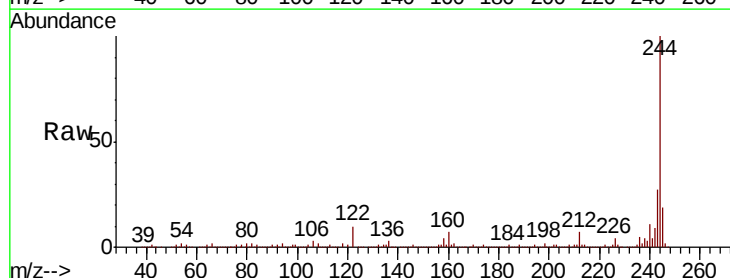
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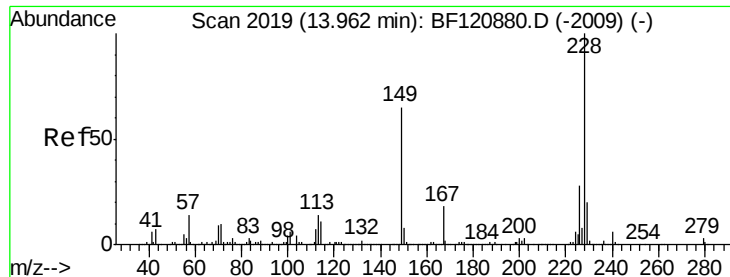
mohammad
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#79
Terphenyl-d14
Concen: 56.742 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	8.9	13.3





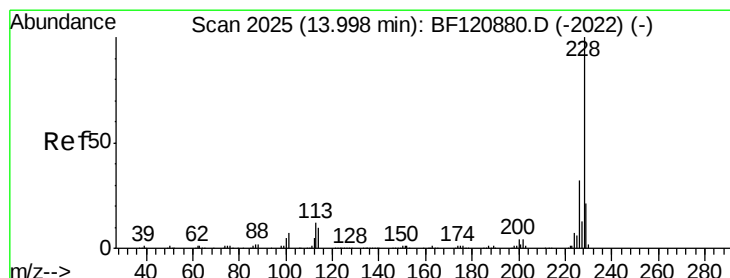
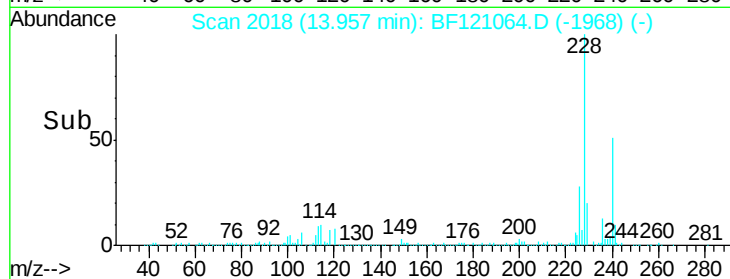
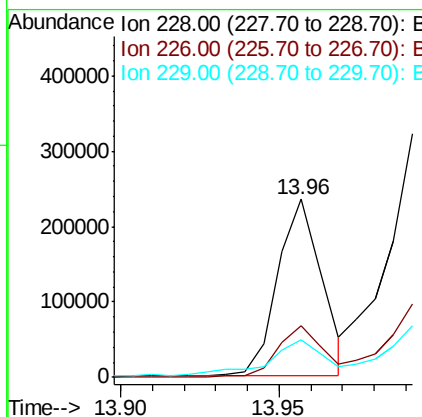
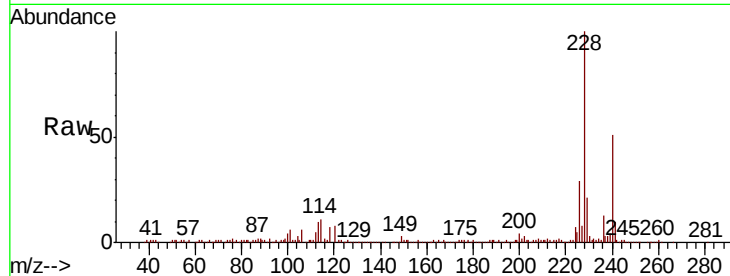
#81
Benzo(a)anthracene
Concen: 7.196 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Instrument :
BNA_F
ClientSampleId :
CTR-005

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	21.3	16.1	24.1

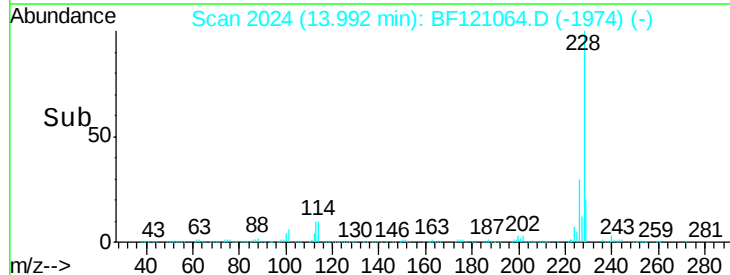
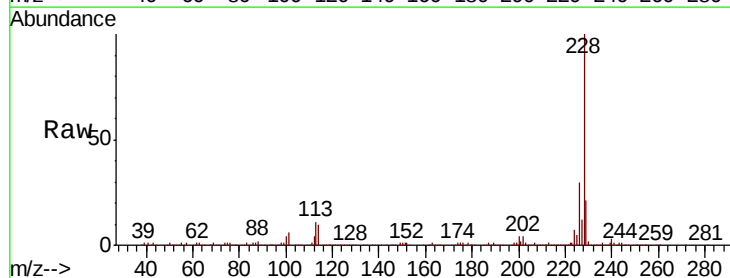
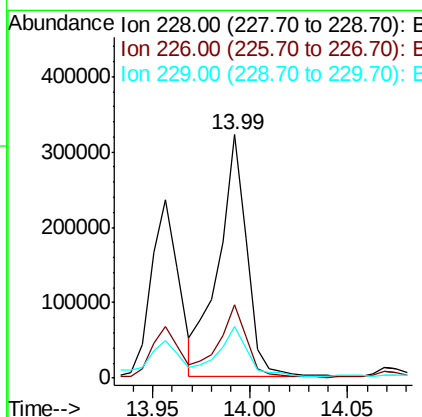
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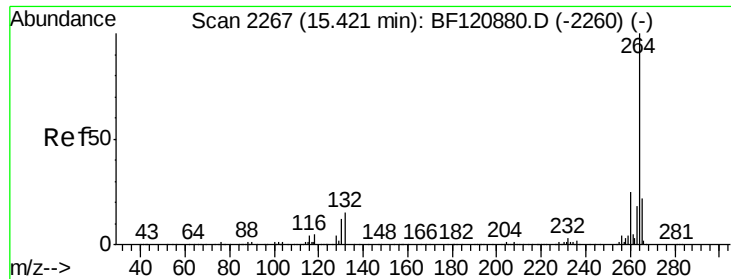
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#83
Chrysene
Concen: 9.810 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.6	38.4
229	21.4	16.8	25.2





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121064.D

Acq: 28 Jul 2020 12:19

Instrument :

BNA_F

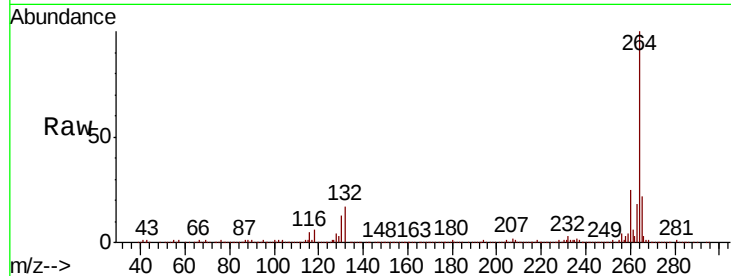
ClientSampleId :

CTR-005

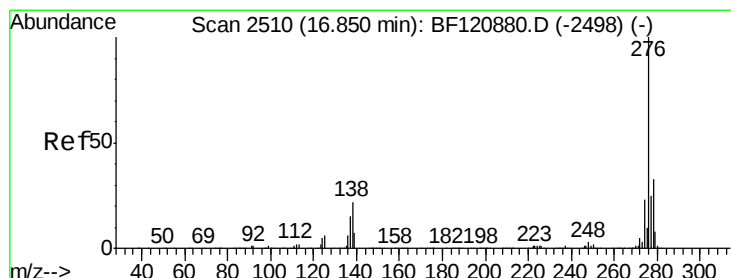
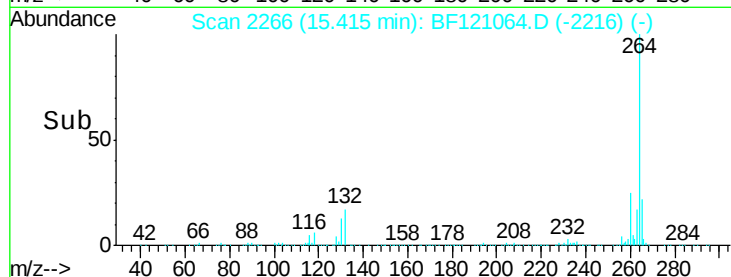
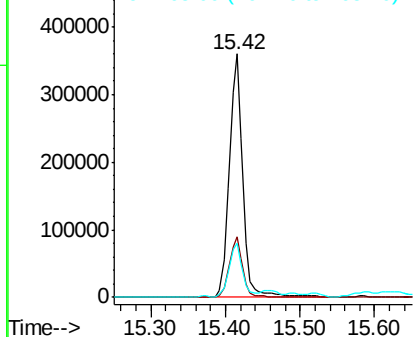
Tot Ion:	264	Resp:	459564
Ion Ratio		Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.2	17.4	26.2

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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



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.465 ng

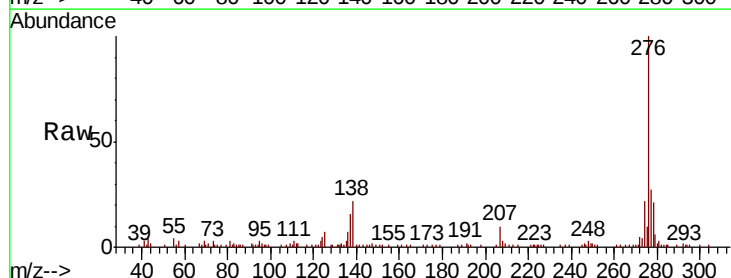
RT: 16.83 min Scan# 2507

Delta R.T. -0.02 min

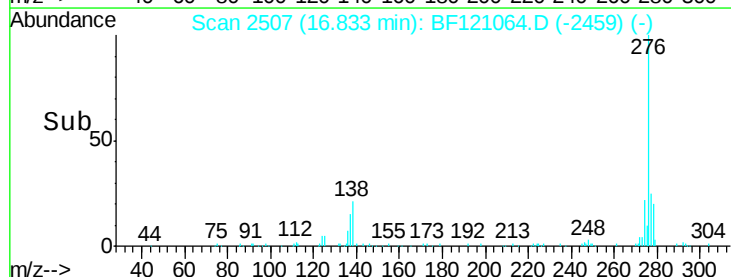
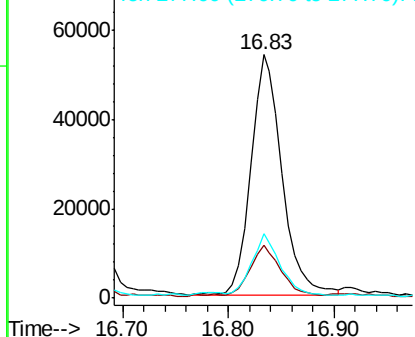
Lab File: BF121064.D

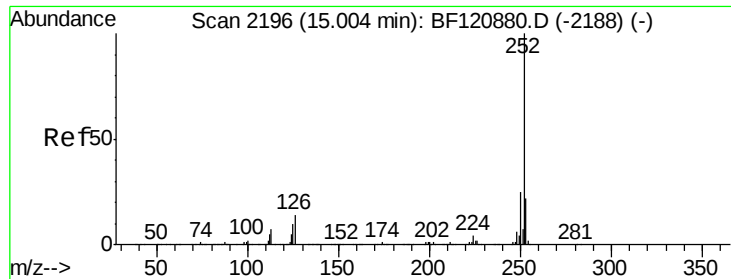
Acq: 28 Jul 2020 12:19

Tgt Ion:	276	Resp:	110756
Ion Ratio		Lower	Upper
276	100		
138	20.0	19.8	29.8
277	23.8	20.2	30.2



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





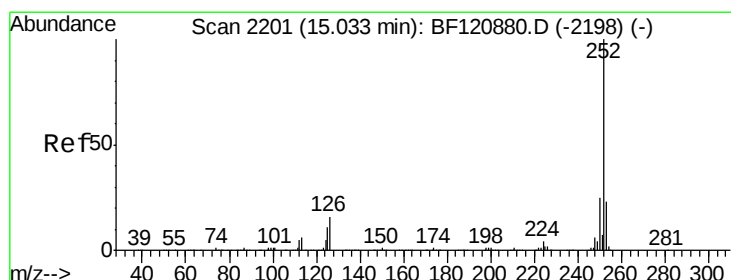
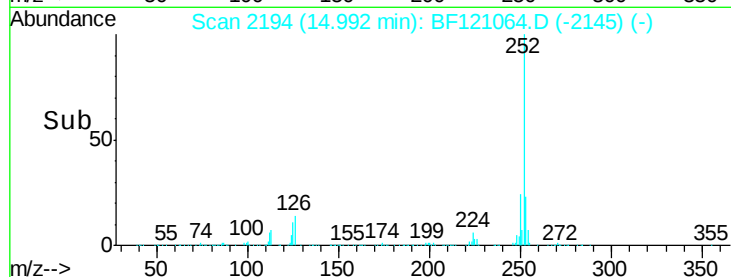
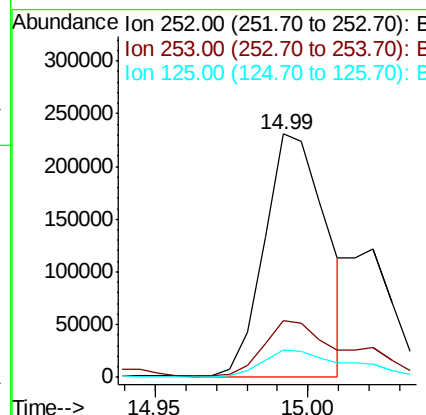
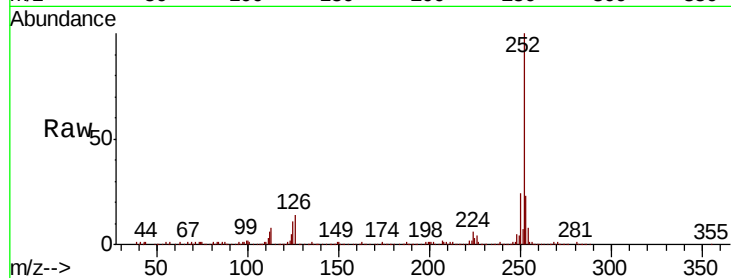
#88
Benzo(b)fluoranthene
Concen: 11.663 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Instrument :
BNA_F
ClientSampleId :
CTR-005

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.3	8.3	12.5

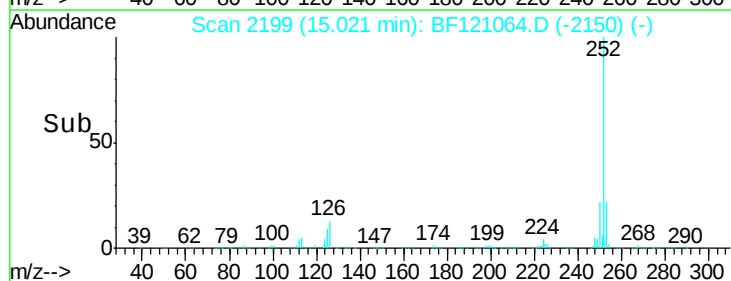
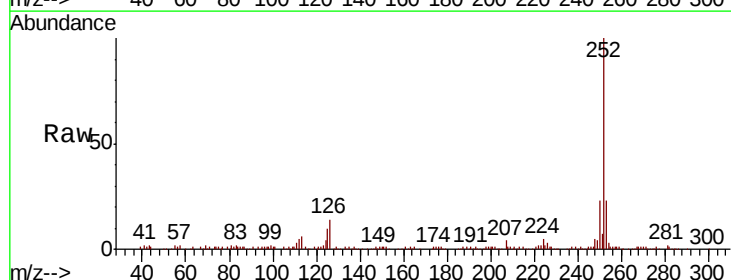
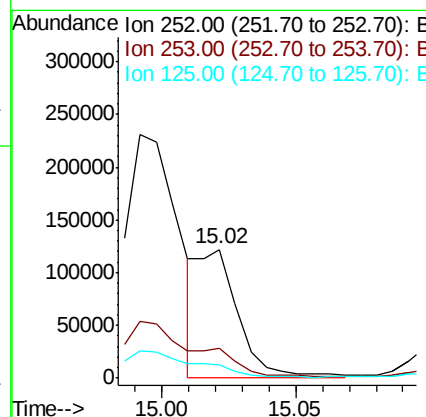
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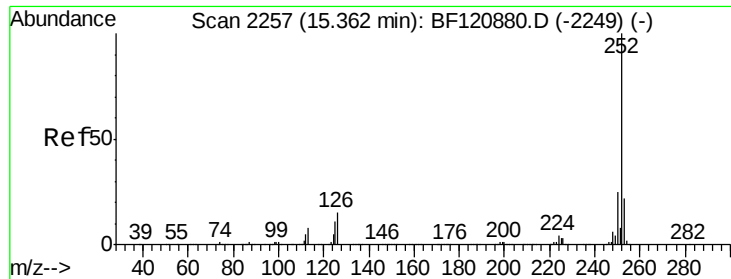
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#89
Benzo(k)fluoranthene
Concen: 5.036 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.1	8.4	12.6





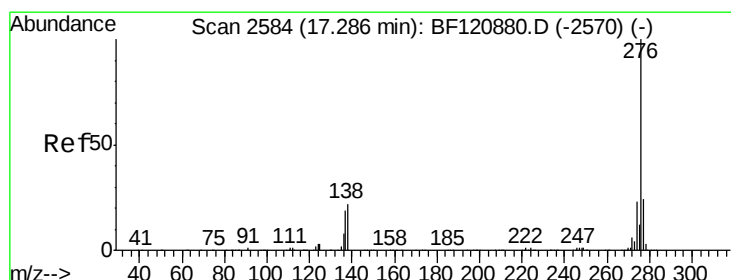
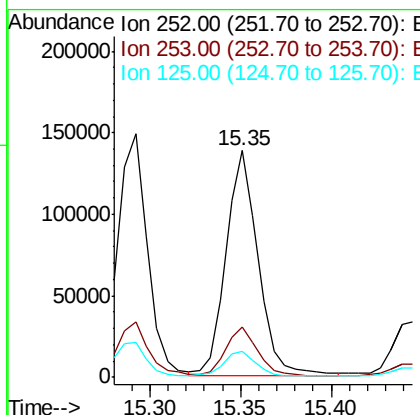
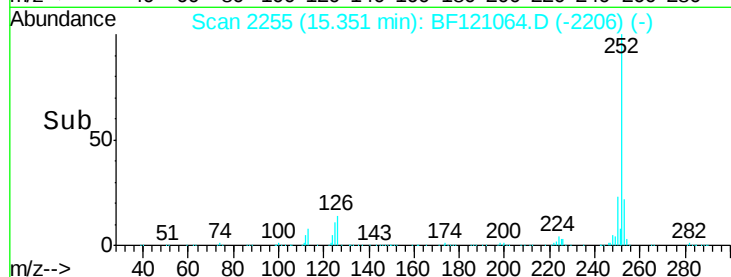
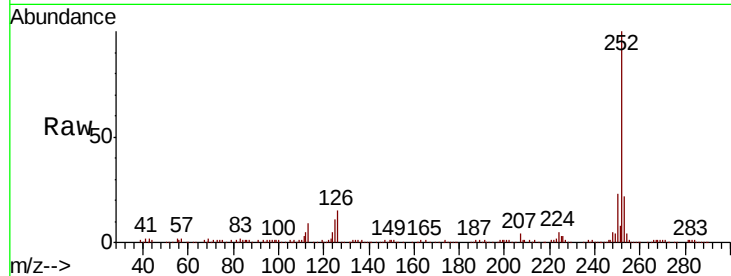
#90
Benzo(a)pyrene
Concen: 6.685 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Instrument :
BNA_F
ClientSampleId :
CTR-005

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.5	8.9	13.3

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#92
Benzo(g,h,i)perylene
Concen: 4.003 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF121064.D
Acq: 28 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.7	17.5	26.3

