

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121038.D
 Acq On : 27 Jul 2020 18:16
 Operator : JU/CG
 Sample : L3383-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-013

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:43:31 AM

Quant Time: Jul 27 18:51:12 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	195399	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	730287	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	404939	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	752726	20.00	ng	0.00
76) Chrysene-d12	13.97	240	568942	20.00	ng	0.00
86) Perylene-d12	15.42	264	500689	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1037683	87.06	ng	0.00
7) Phenol-d6	6.45	99	1274583	82.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	818020	64.81	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	427258	96.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1570633	57.91	ng	0.00
79) Terphenyl-d14	12.92	244	1570544	60.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.56	163	350963	12.014	ng	99
70) Pentachlorophenol	11.14	266	23795	4.575	ng	98
71) Phenanthrene	11.36	178	164364	4.246	ng	98
75) Fluoranthene	12.54	202	566723	13.207	ng	97
78) Pyrene	12.77	202	629910	15.660	ng	99
81) Benzo(a)anthracene	13.96	228	234026	6.793	ng	97
83) Chrysene	13.99	228	239415	6.613	ng	97
88) Benzo(b)fluoranthene	15.00	252	267105m	8.826	ng	
89) Benzo(k)fluoranthene	15.02	252	87004m	3.152	ng	
90) Benzo(a)pyrene	15.35	252	128104	4.639	ng	99
92) Benzo(g,h,i)perylene	17.27	276	63465	2.263	ng	99

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

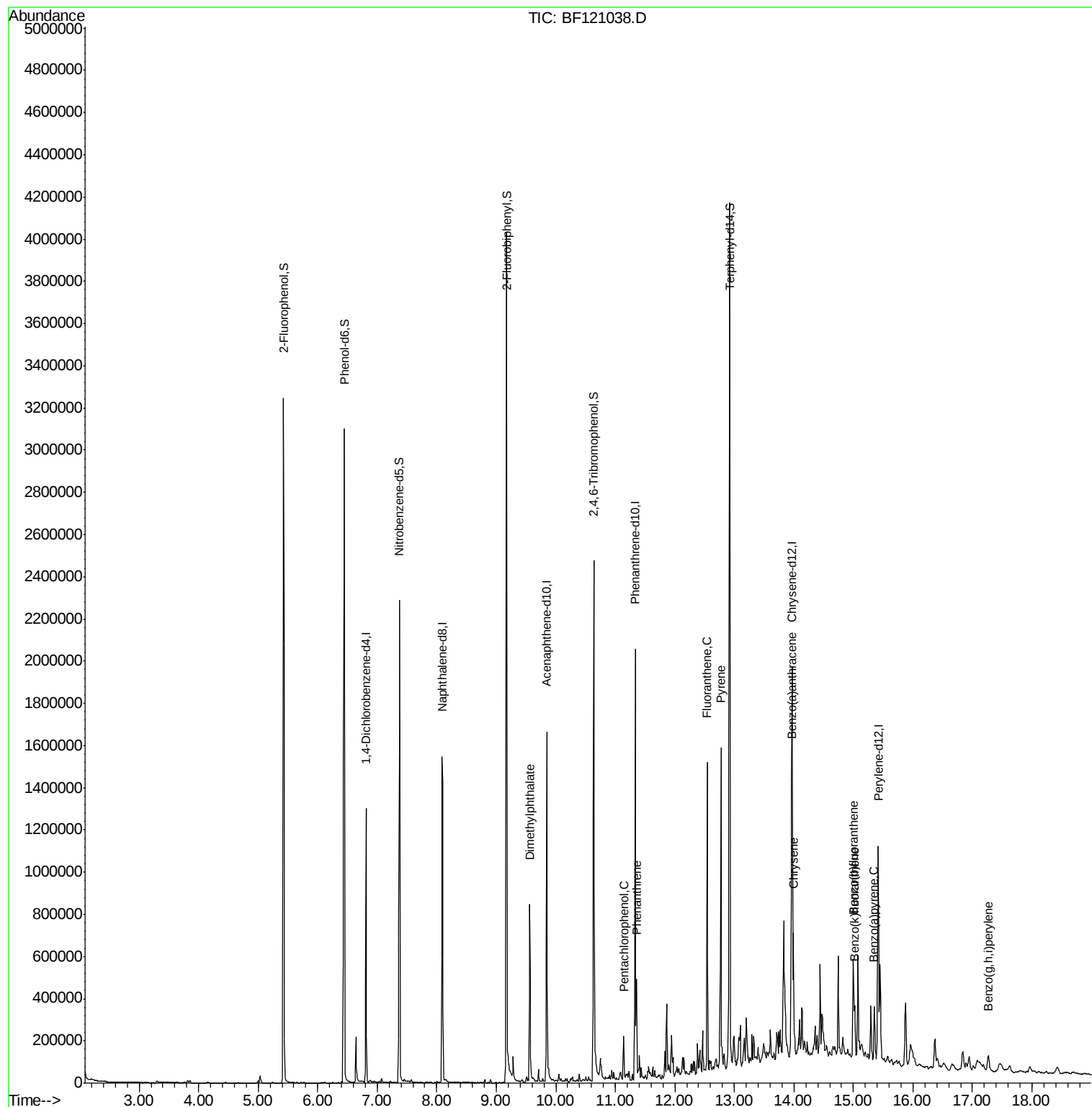
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121038.D
Acq On : 27 Jul 2020 18:16
Operator : JU/CG
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

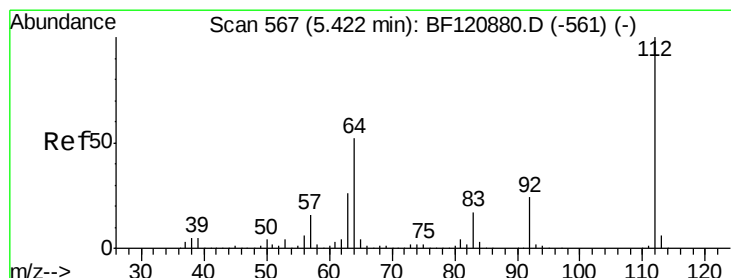
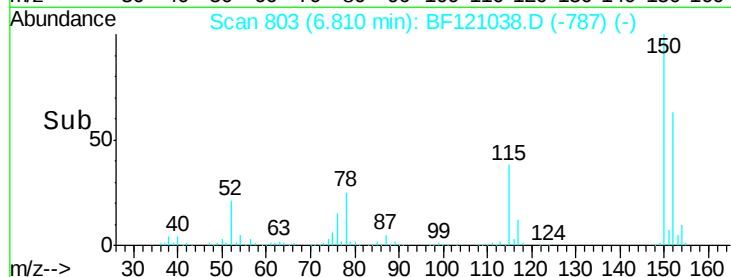
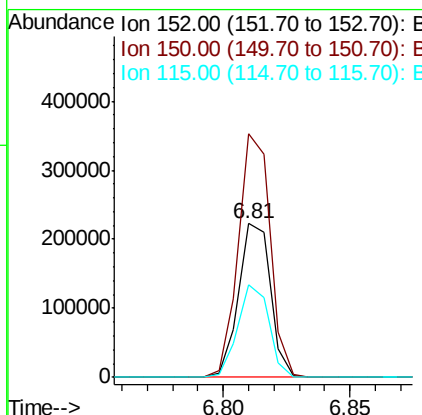
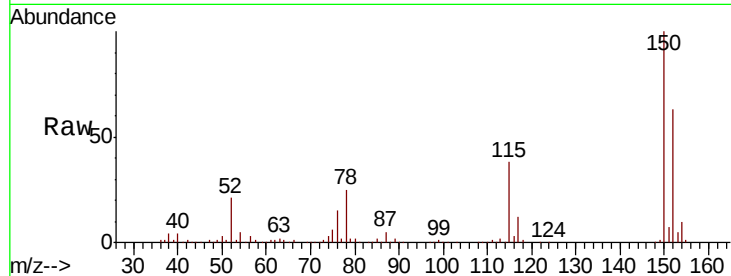
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.0	187.6
115	60.1	47.0	70.4

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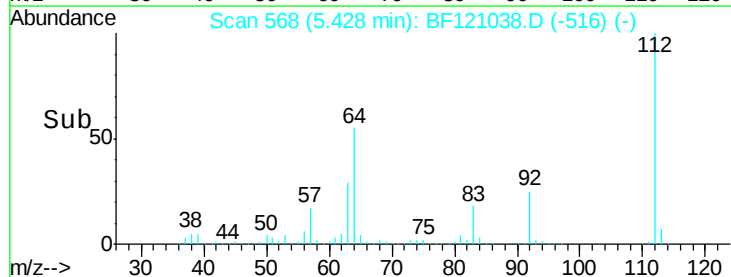
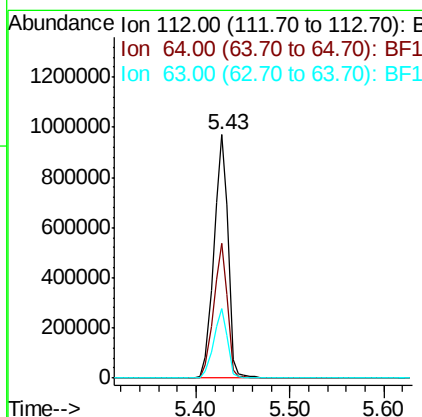
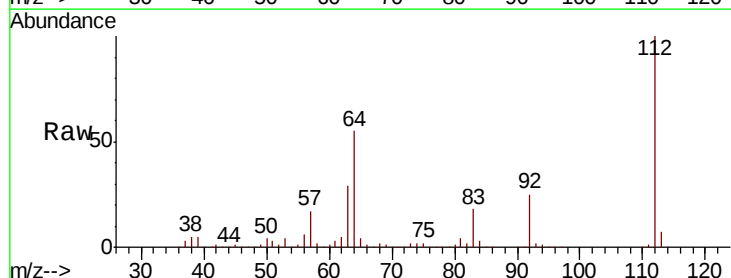
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#5

2-Fluorophenol
Concen: 87.059 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	41.3	61.9
63	28.6	21.1	31.7





#7

Phenol-d6

Concen: 82.783 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121038.D

Acq: 27 Jul 2020 18:16

Instrument :

BNA_F

ClientSampleId :

CRT-013

Tot Ion: 99 Resp: 1274583

Ion Ratio Lower Upper

99 100

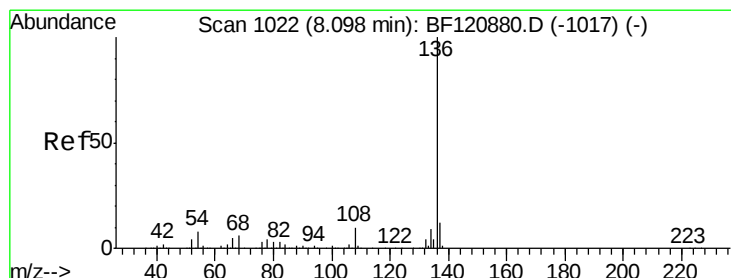
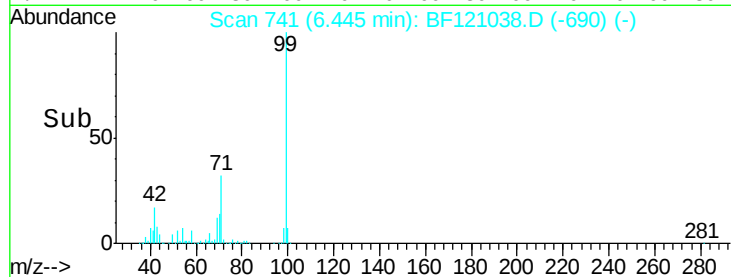
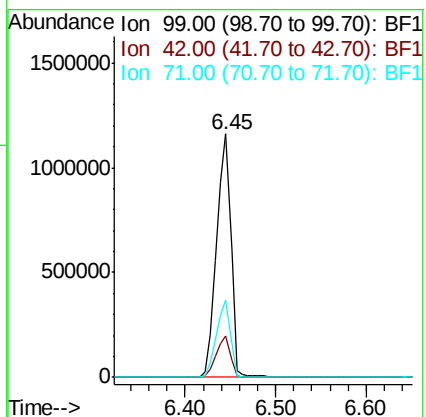
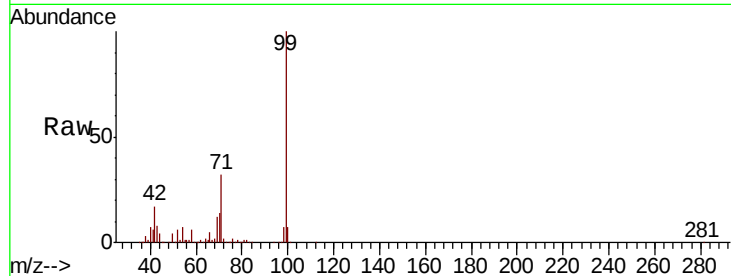
42 16.7 13.1 19.7

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: BF121038.D

Acq: 27 Jul 2020 18:16

Tgt Ion: 136 Resp: 730287

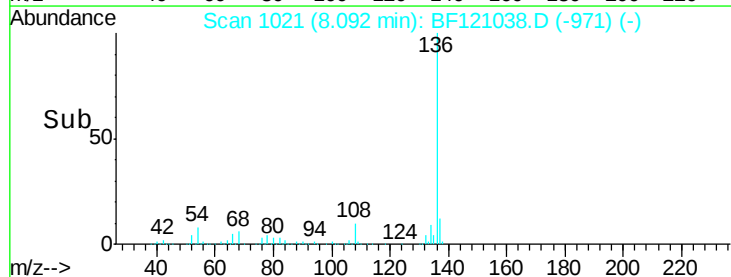
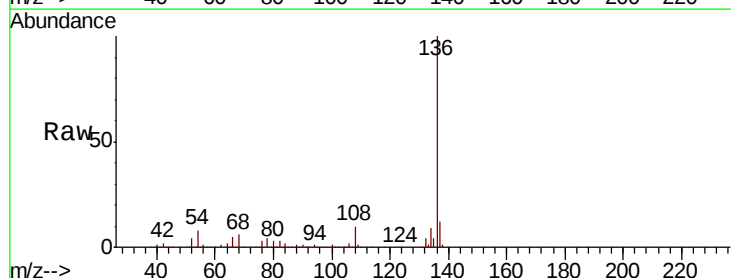
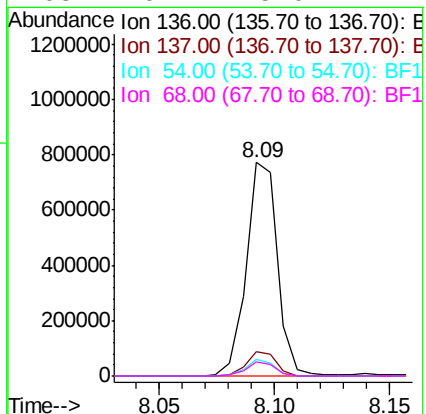
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.8 6.3 9.5

68 6.4 5.0 7.4





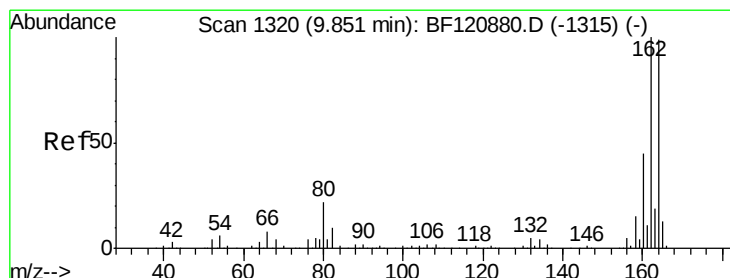
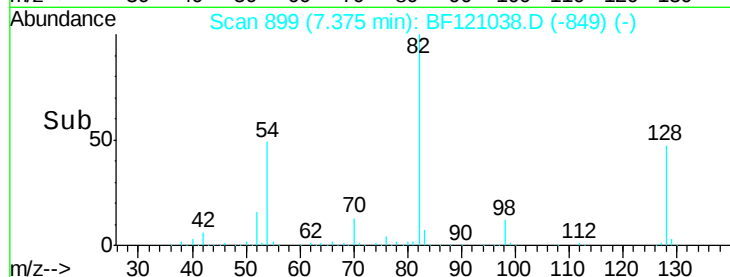
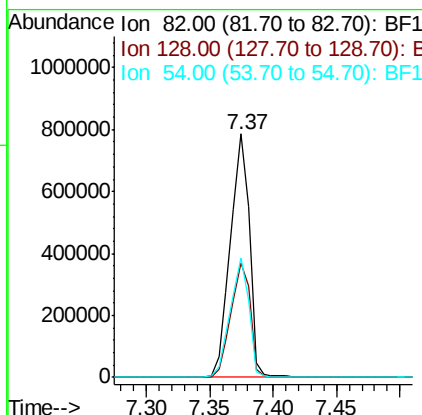
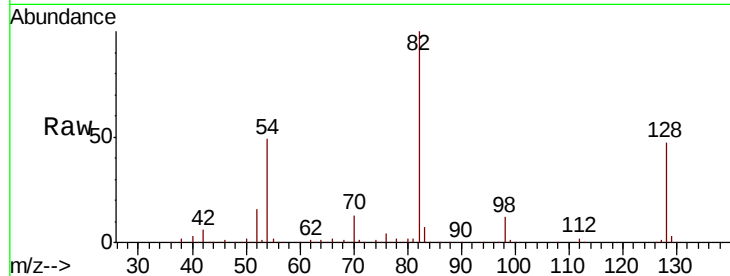
#23
 Nitrobenzene-d5
 Concen: 64.814 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Instrument :
 BNA_F
 ClientSampled :
 CRT-013

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.2	57.4
54	49.1	38.7	58.1

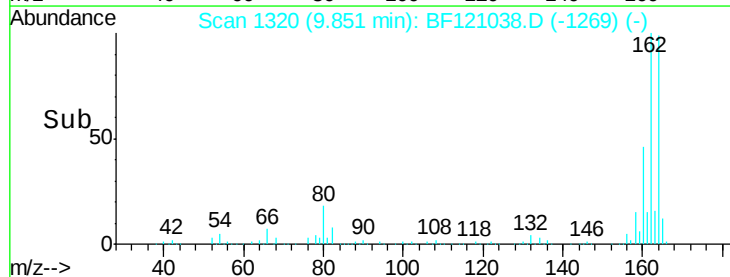
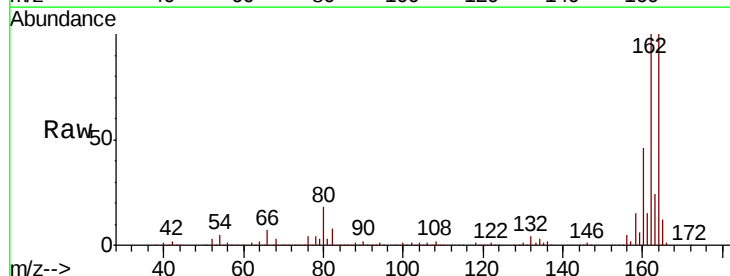
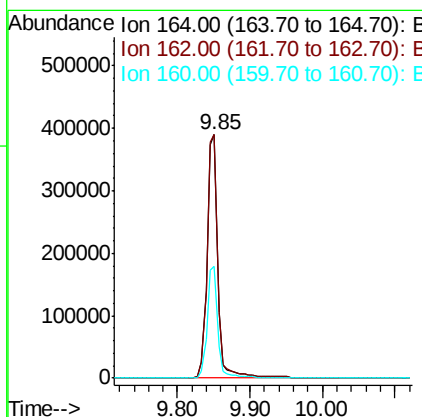
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	46.0	36.9	55.3





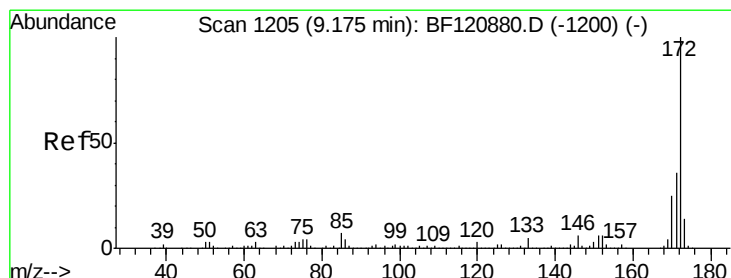
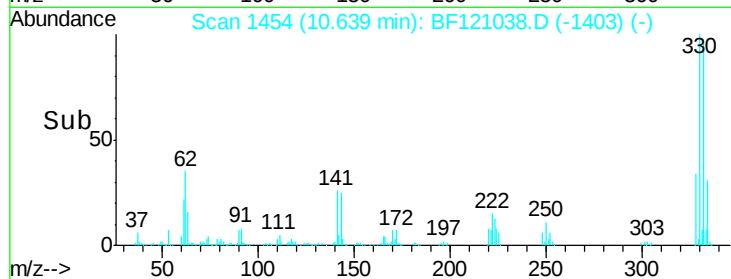
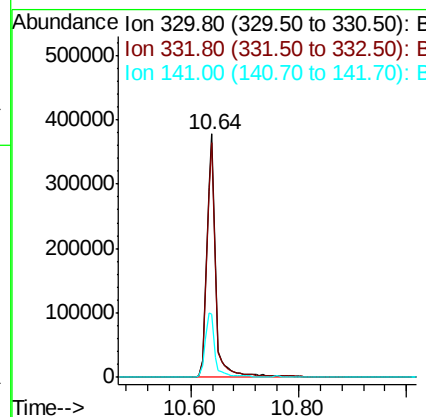
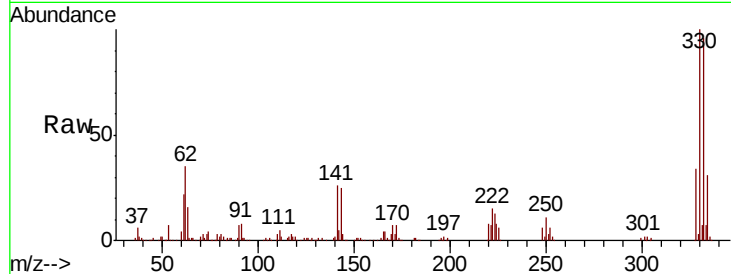
#42
 2,4,6-Tribromophenol
 Concen: 96.393 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Instrument :
 BNA_F
 ClientSampleId :
 CRT-013

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	29.6	25.7	38.5

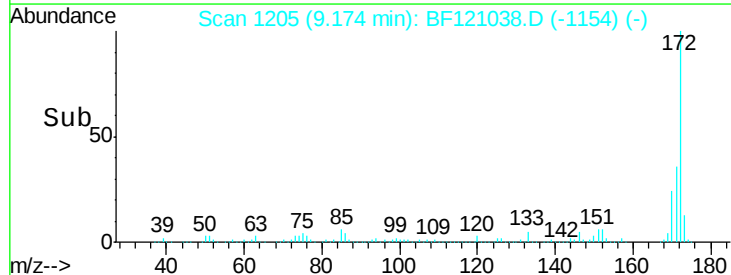
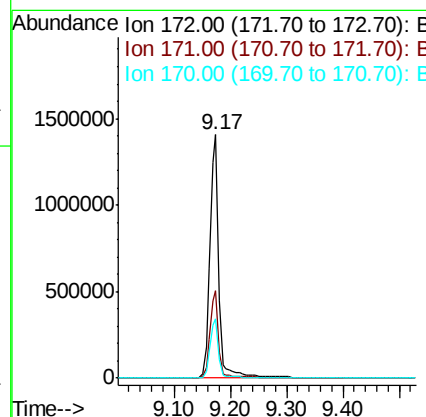
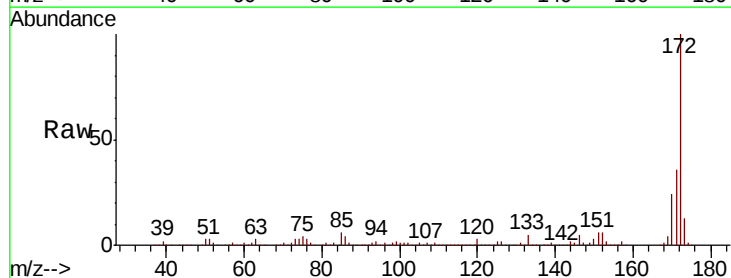
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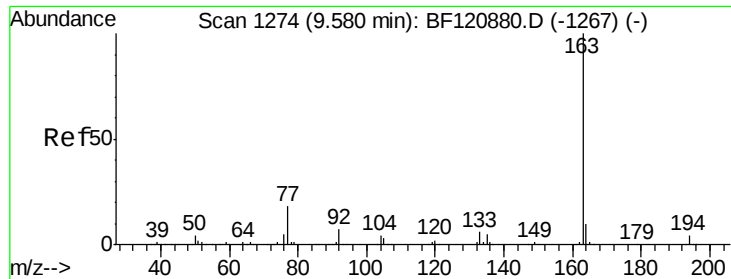
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#45
 2-Fluorobiphenyl
 Concen: 57.911 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.5	19.6	29.4





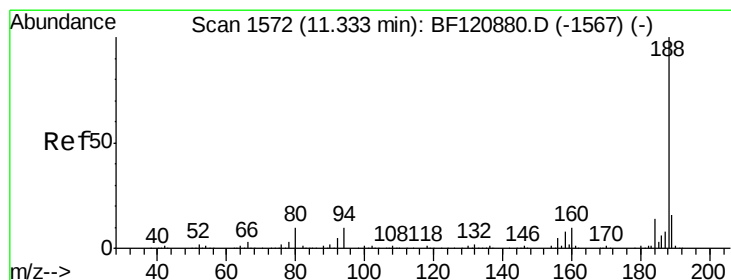
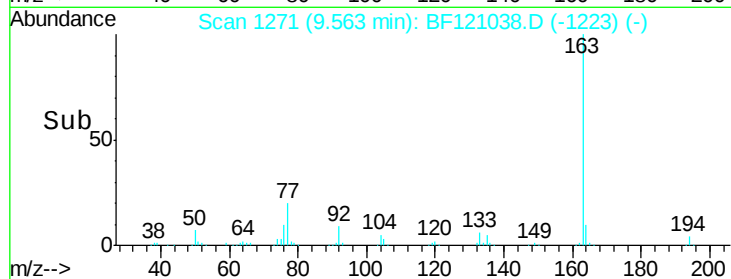
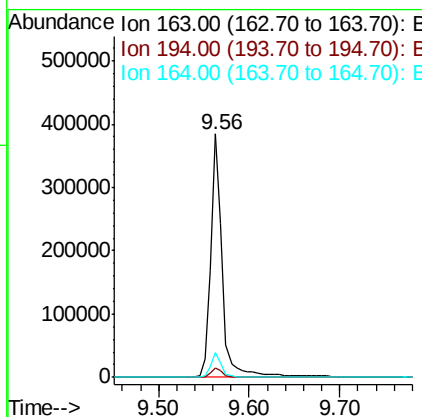
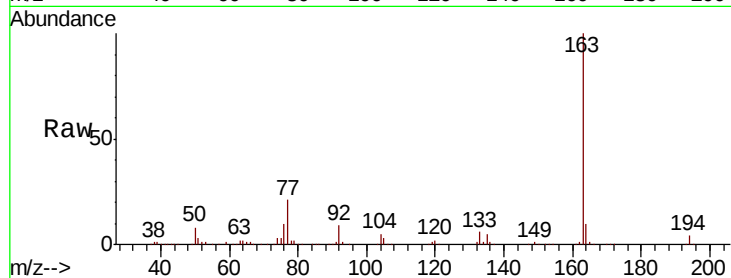
#50
Dimethylphthalate
Concen: 12.014 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Instrument :
BNA_F
ClientSampled :
CRT-013

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	7.9	11.9

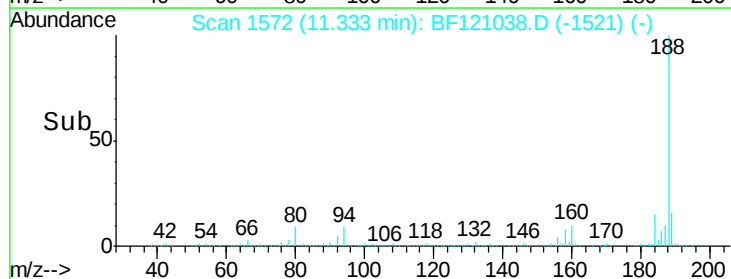
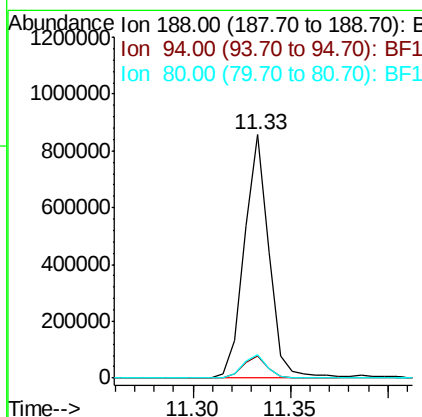
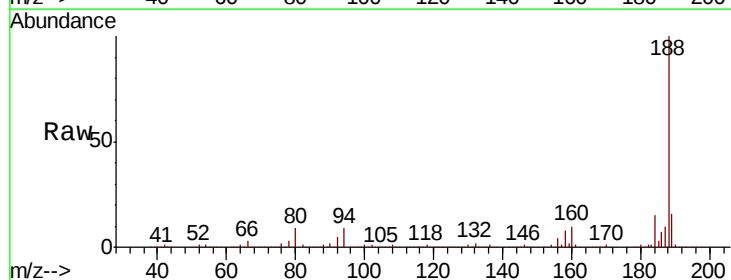
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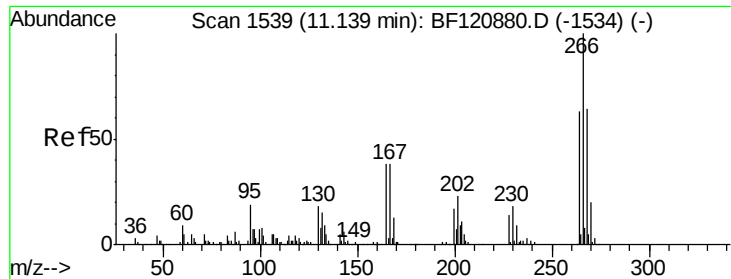
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.4	8.3	12.5





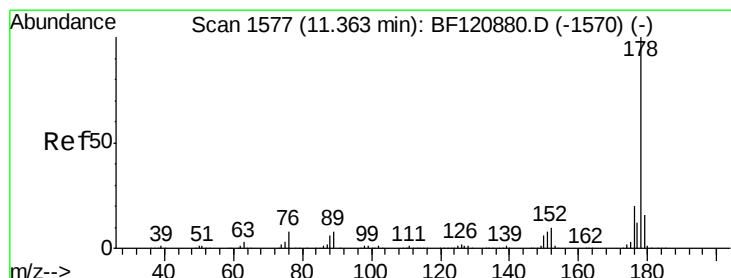
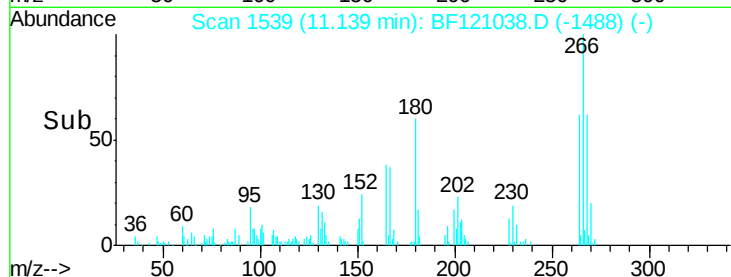
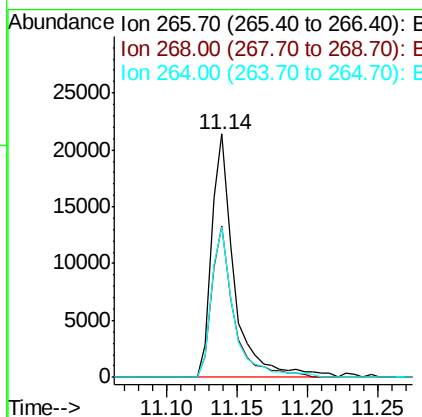
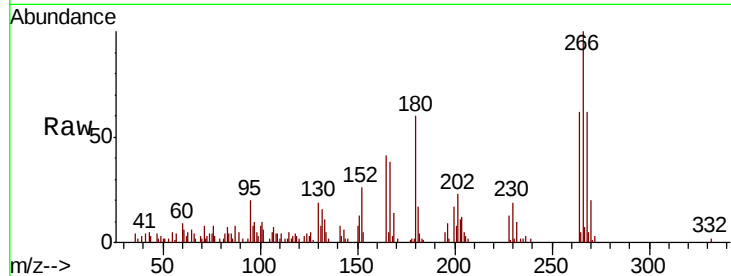
#70
 Pentachlorophenol
 Concen: 4.575 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Instrument :
 BNA_F
 ClientSampled :
 CRT-013

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	61.9	50.2	75.2

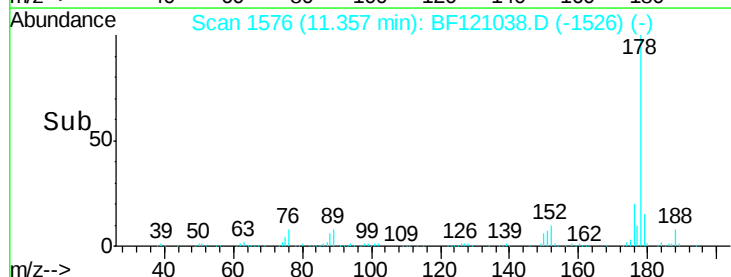
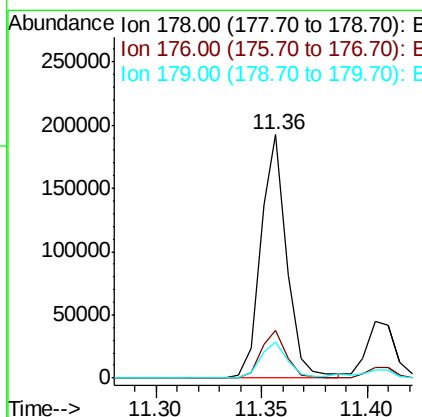
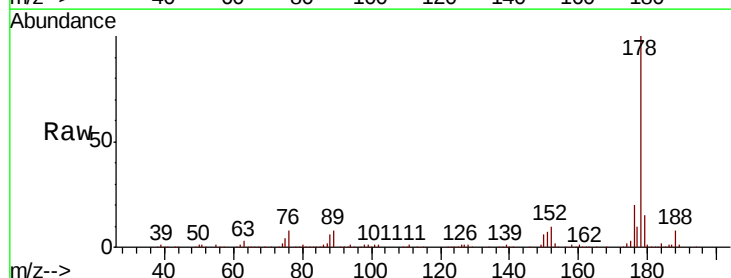
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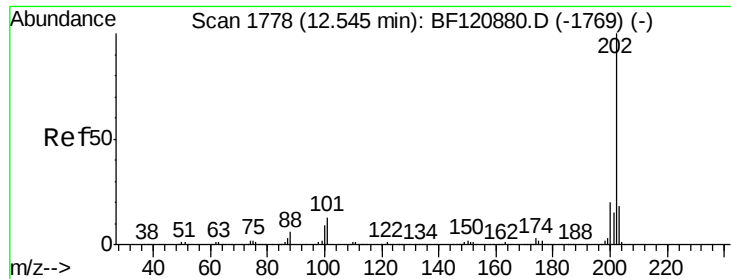
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#71
 Phenanthrene
 Concen: 4.246 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	14.9	12.8	19.2





#75

Fluoranthene

Concen: 13.207 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF121038.D

Acq: 27 Jul 2020 18:16

Instrument :

BNA_F

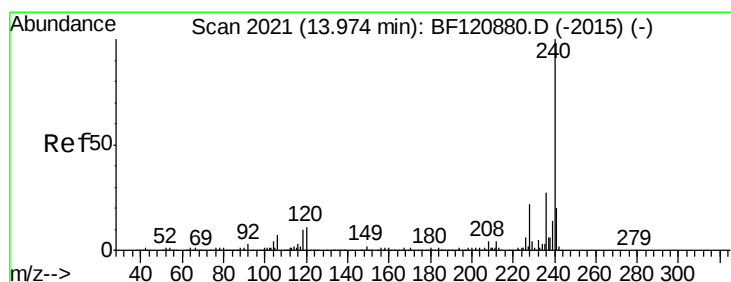
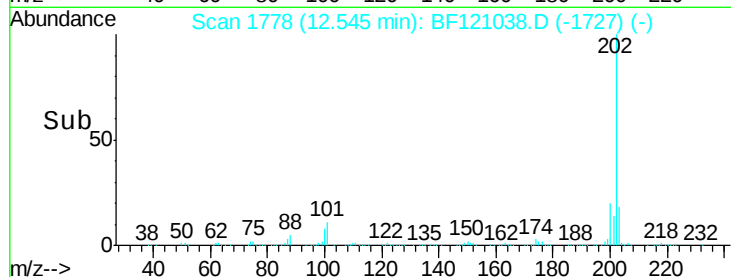
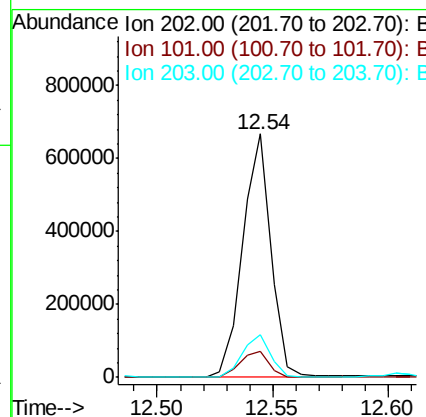
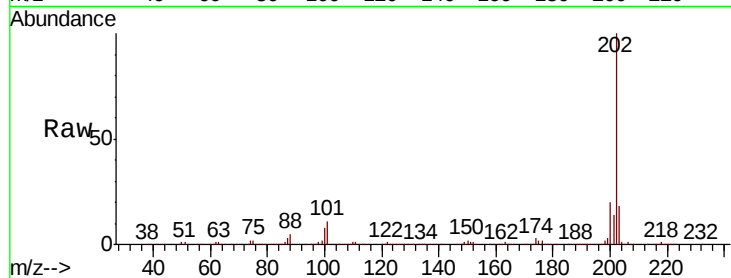
ClientSampleId :

CRT-013

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	32.7
203	17.6	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

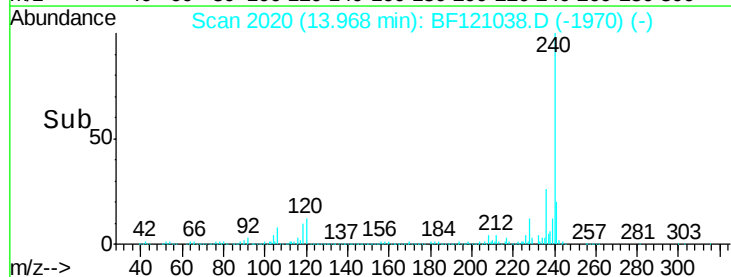
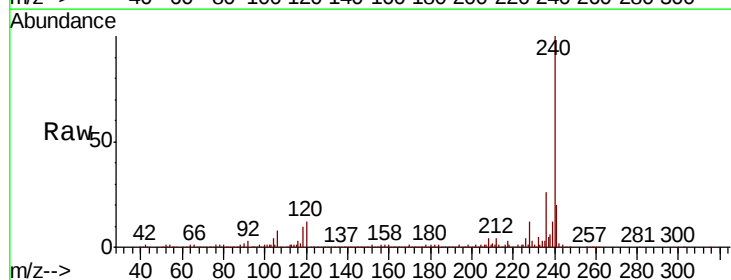
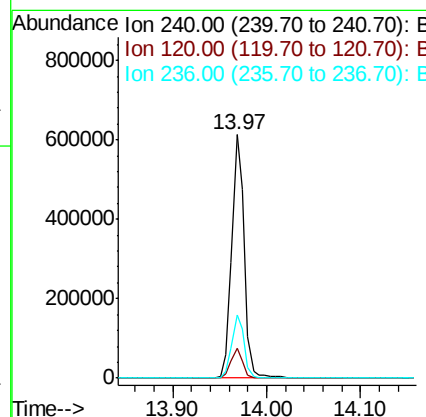
RT: 13.97 min Scan# 2020

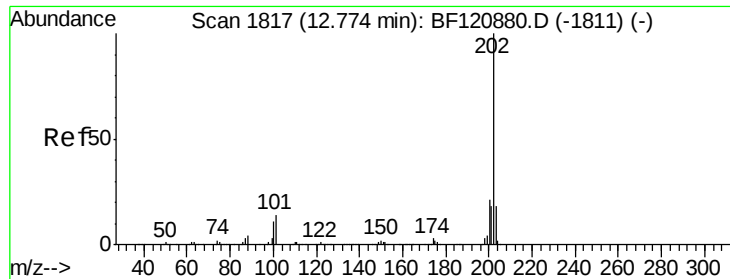
Delta R.T. -0.01 min

Lab File: BF121038.D

Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	9.0	13.4
236	26.0	21.7	32.5





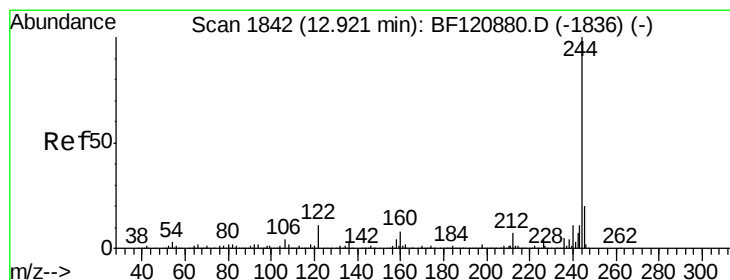
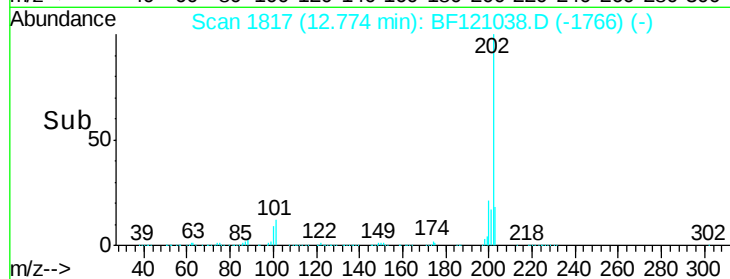
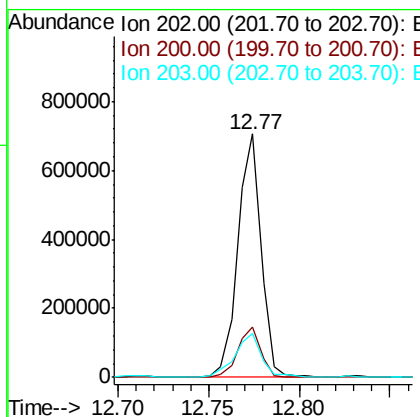
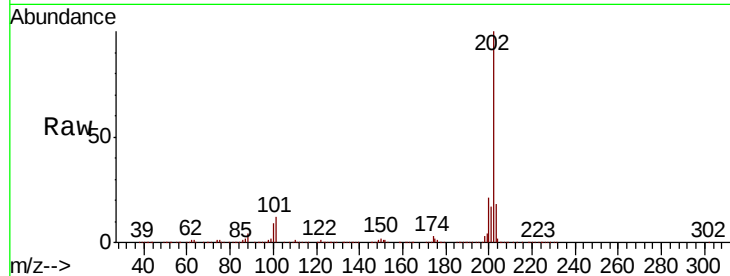
#78
Pvrene
Concen: 15.660 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.9	14.4	21.6

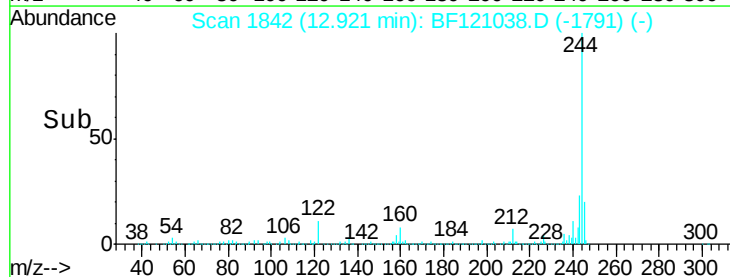
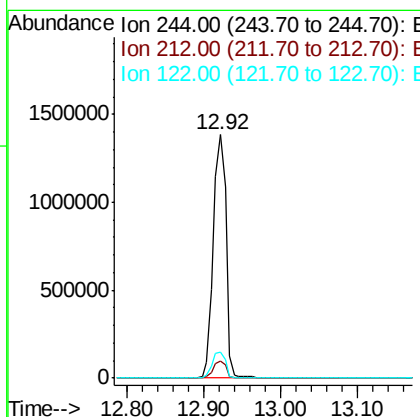
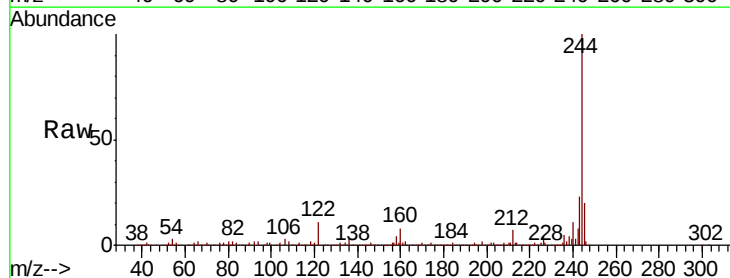
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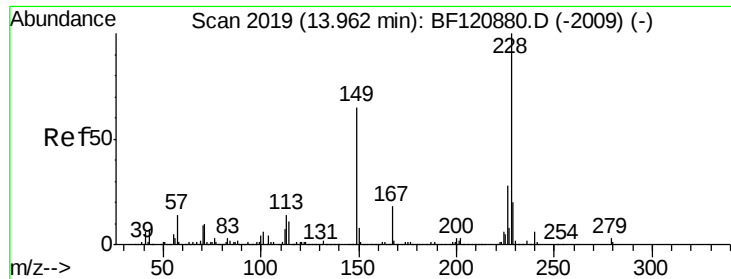
mohammad
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#79
Terphenyl-d14
Concen: 60.006 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.8	8.9	13.3





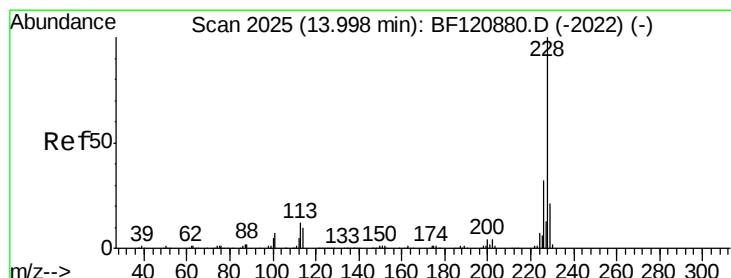
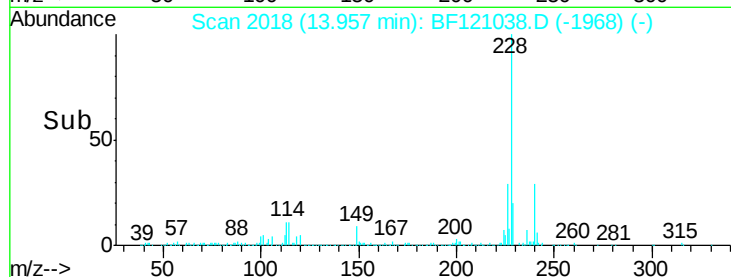
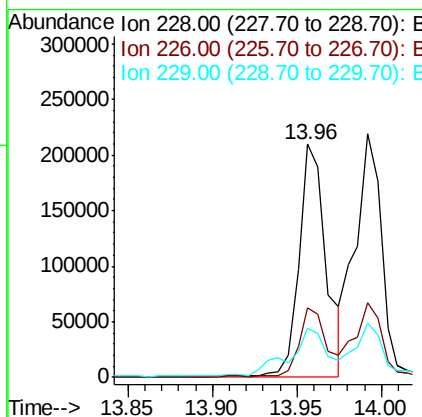
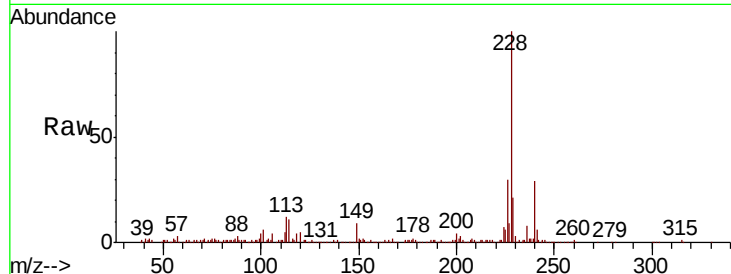
#81
Benzo(a)anthracene
Concen: 6.793 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Instrument :
BNA_F
ClientSampled :
CRT-013

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.3	33.5
229	20.8	16.1	24.1

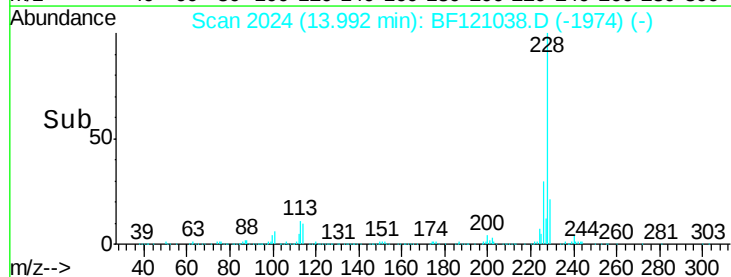
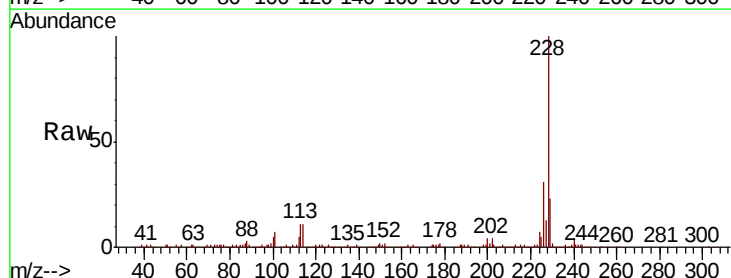
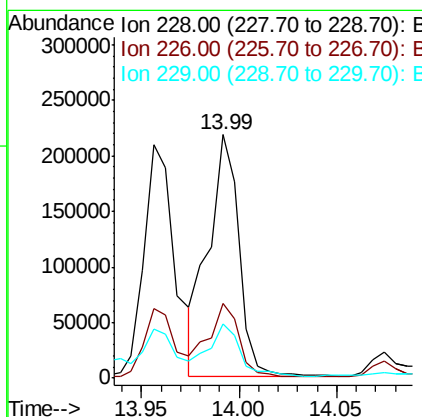
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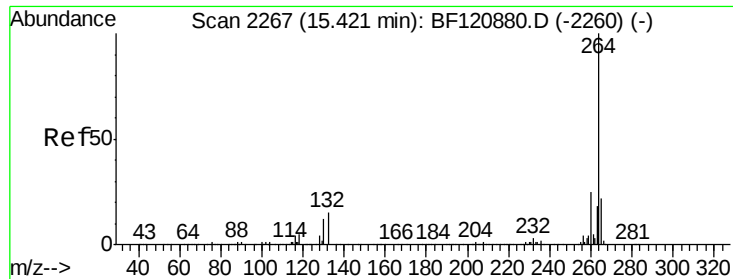
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#83
Chrysene
Concen: 6.613 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.5	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: BF121038.D

Acq: 27 Jul 2020 18:16

Instrument :

BNA_F

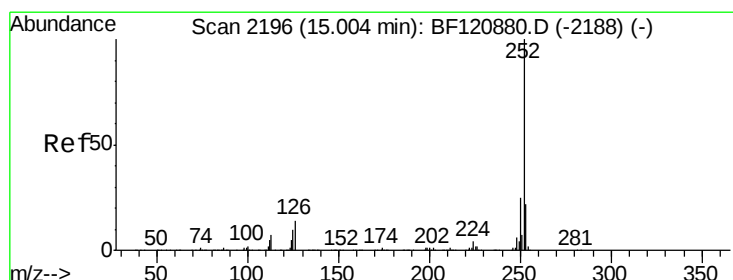
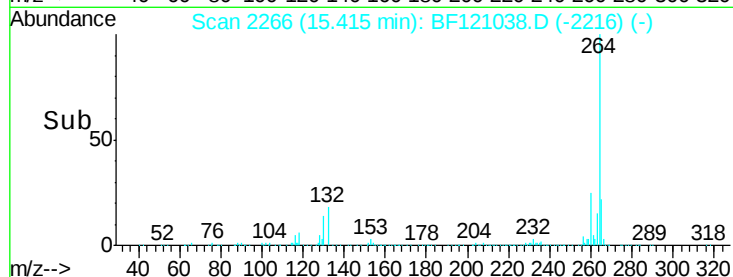
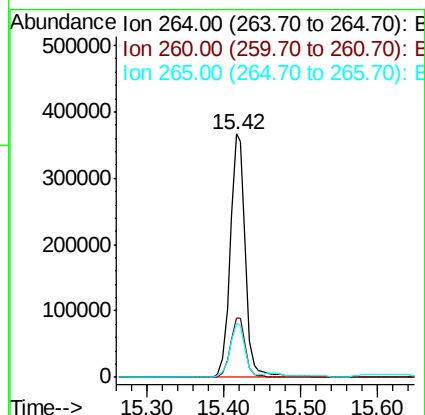
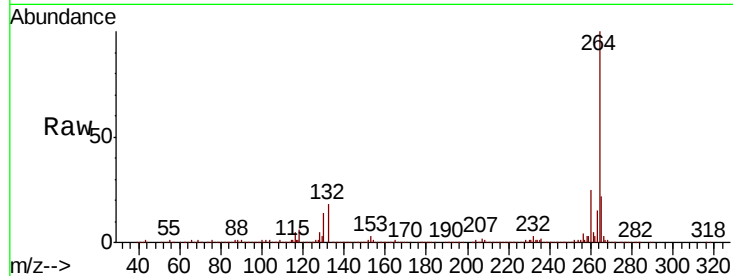
ClientSampleId :

CRT-013

Tot Ion:	264	Resp:	500689
Ion Ratio		Lower	Upper
264	100		
260	24.6	20.0	30.0
265	22.3	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 8.826 ng m

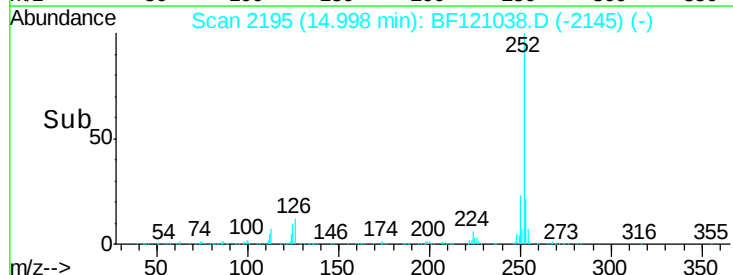
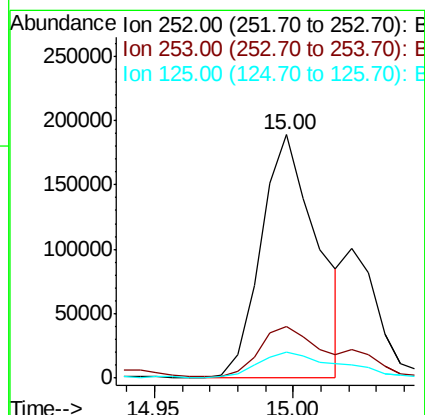
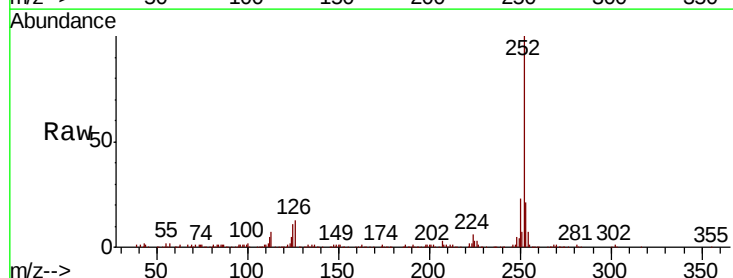
RT: 15.00 min Scan# 2195

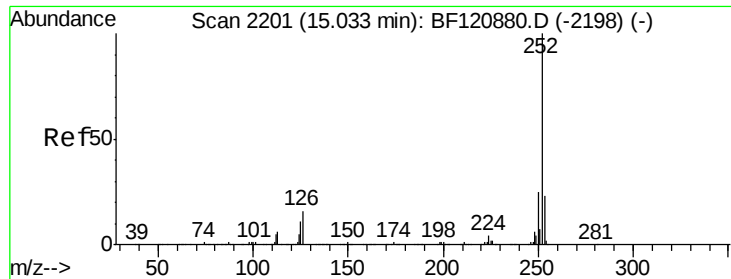
Delta R.T. -0.01 min

Lab File: BF121038.D

Acq: 27 Jul 2020 18:16

Tgt Ion:	252	Resp:	267105
Ion Ratio		Lower	Upper
252	100		
253	21.3	18.0	27.0
125	10.5	8.3	12.5





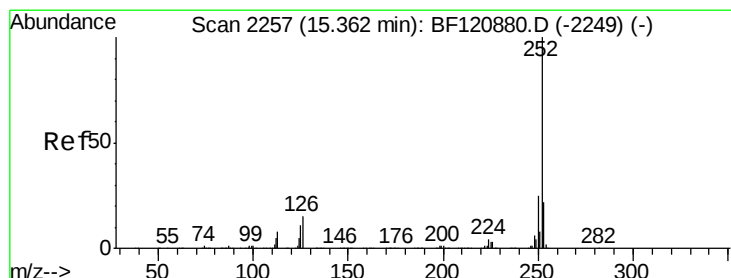
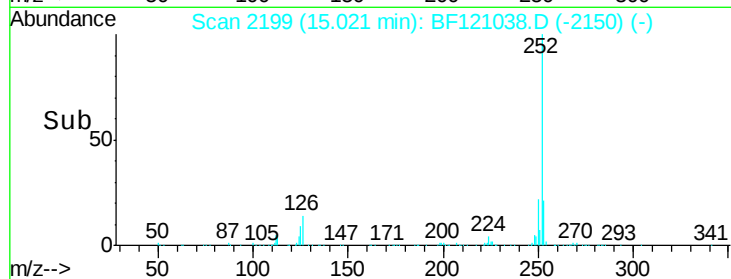
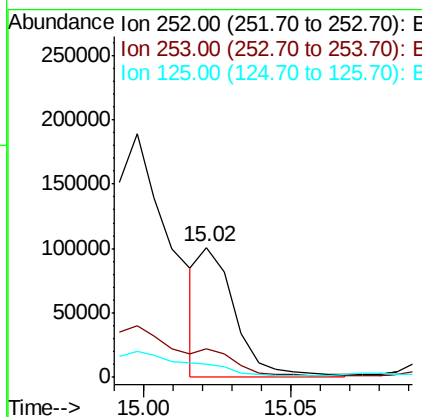
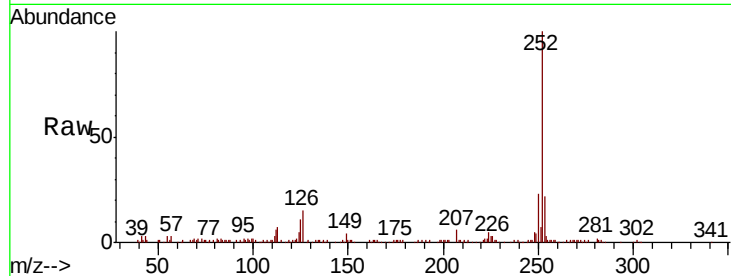
#89
Benzo(k)fluoranthene
Concen: 3.152 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.6	8.4	12.6

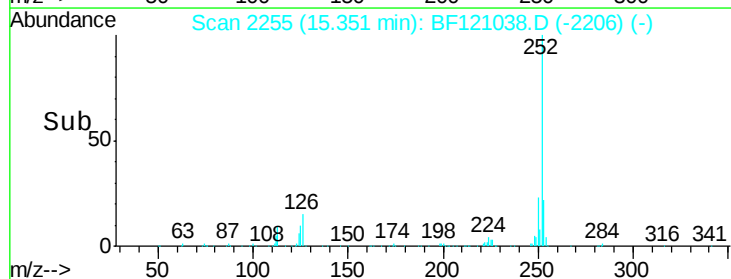
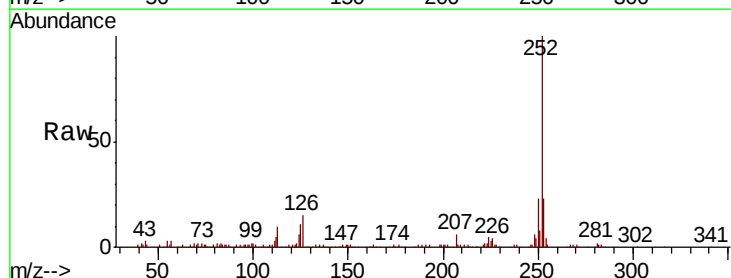
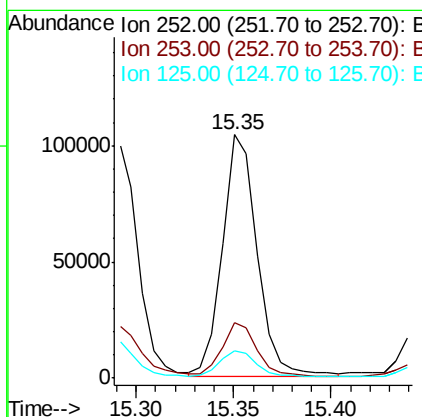
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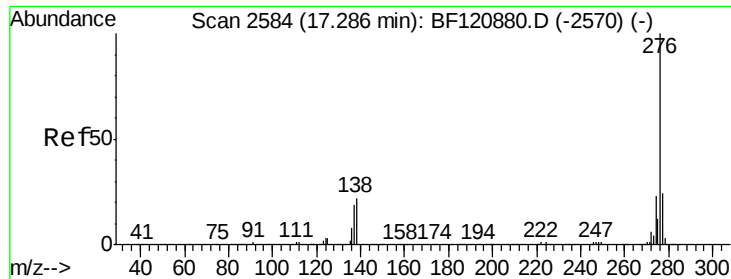
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#90
Benzo(a)pyrene
Concen: 4.639 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121038.D
Acq: 27 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.3	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 2.263 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BF121038.D
 Acq: 27 Jul 2020 18:16

Instrument :
 BNA_F
 ClientSampleId :
 CRT-013

Tot Ion:	276	Resp:	63465
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.8	28.2
138	22.1	17.5	26.3

Manual Integrations
 APPROVED

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