

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001638.D
 Acq On : 16 Jan 2020 20:57
 Operator : JU
 Sample : L1148-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-(7-9)

Manual Integrations
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Quant Time: Jan 17 04:59:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	34058	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	124001	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	81532	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	191951	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	168462	20.00	ng	-0.02
87) Perylene-d12	23.37	264	175098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	196221	112.86	ng	0.00
7) Phenol-d6	6.83	99	284187	102.27	ng	0.00
23) Nitrobenzene-d5	8.78	82	197644	69.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	119755	96.49	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	380256	68.57	ng	-0.01
79) Terphenyl-d14	19.63	244	619306	67.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.74	163	25012	3.725	ng	99
71) Phenanthrene	17.08	178	67695	6.485	ng	98
72) Anthracene	17.17	178	24446m	2.406	ng	
75) Fluoranthene	19.06	202	116426	8.476	ng	100
78) Pyrene	19.42	202	104728	8.463	ng	97
81) Benzo(a)anthracene	21.13	228	59084m	5.036	ng	
83) Chrysene	21.17	228	51393	4.495	ng	96
86) Indeno(1,2,3-cd)pyrene	25.61	276	33053	2.470	ng	96
88) Benzo(b)fluoranthene	22.70	252	65710m	5.955	ng	
89) Benzo(k)fluoranthene	22.74	252	29006m	2.696	ng	
90) Benzo(a)pyrene	23.27	252	46781	4.465	ng	# 97
92) Benzo(a,h,i)perylene	26.29	276	36332	3.381	ng	# 93

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

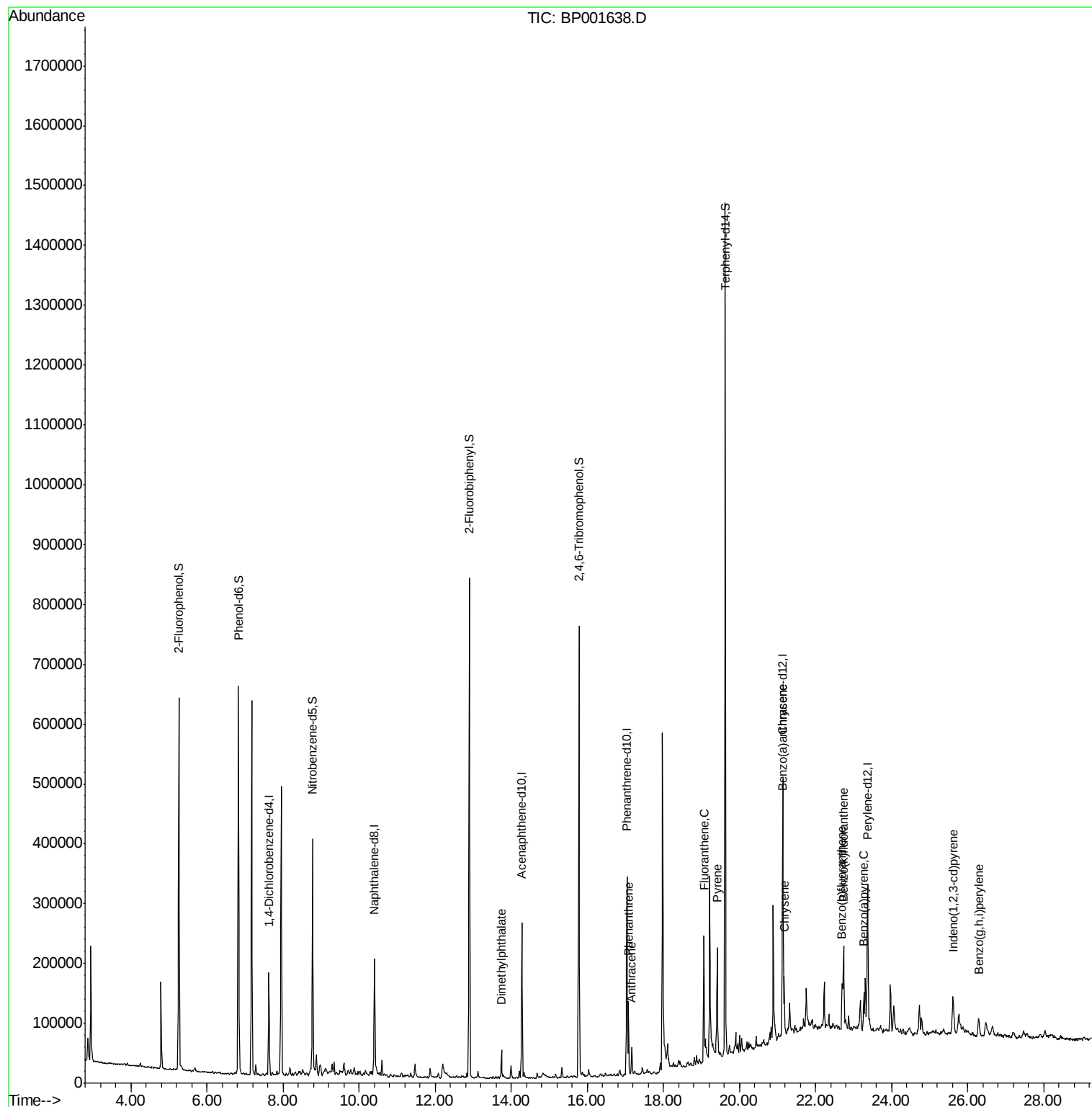
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

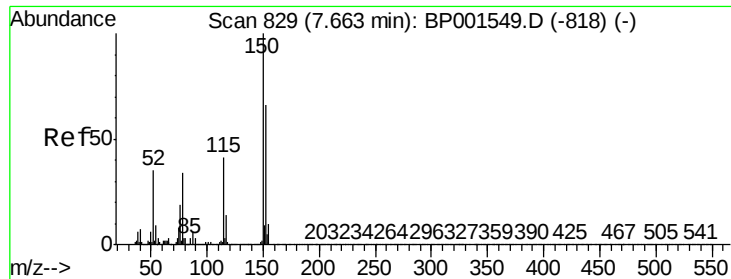
Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
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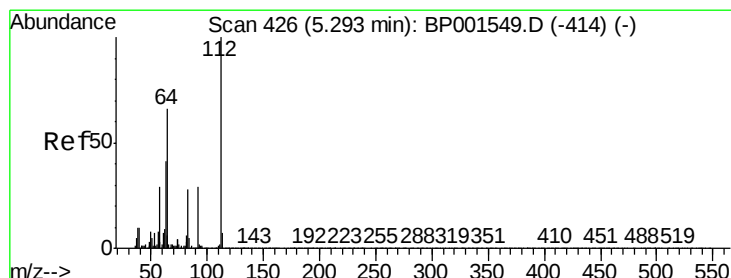
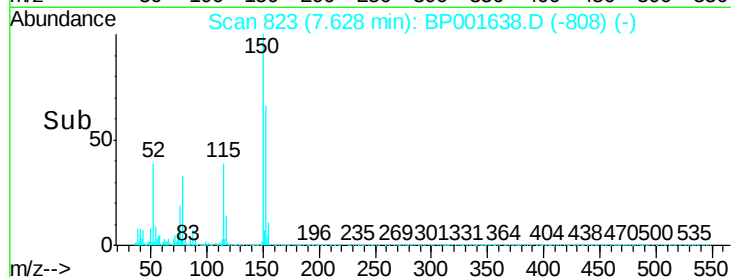
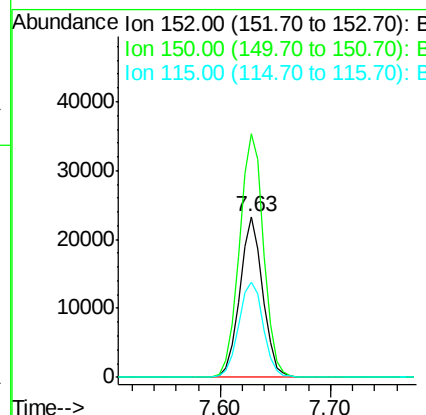
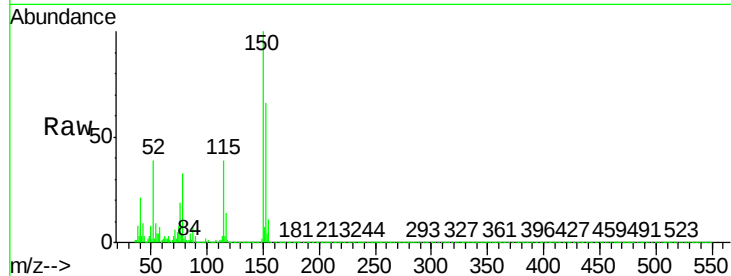
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.0	183.0
115	58.9	50.7	76.1

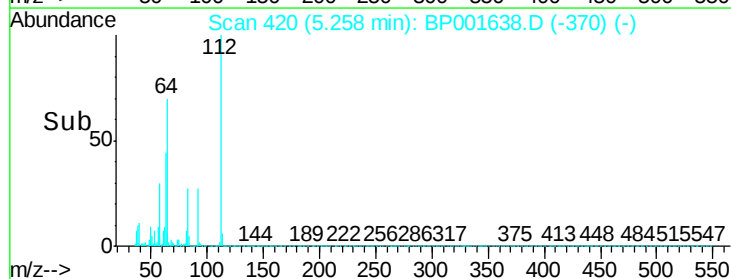
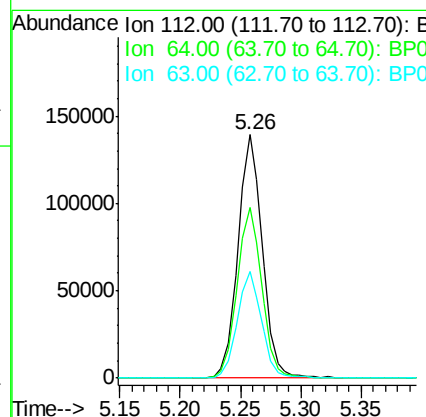
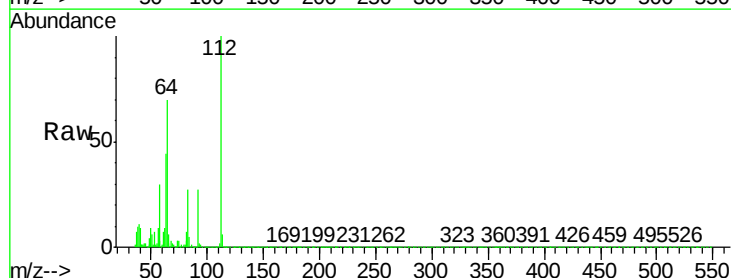
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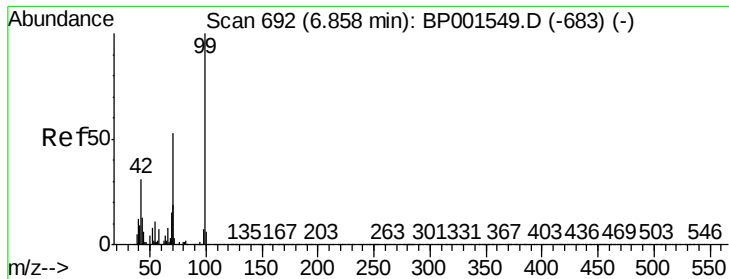
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#5
2-Fluorophenol
Concen: 112.860 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.8	79.2
63	44.0	33.1	49.7





#7

Phenol-d6

Concen: 102.275 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

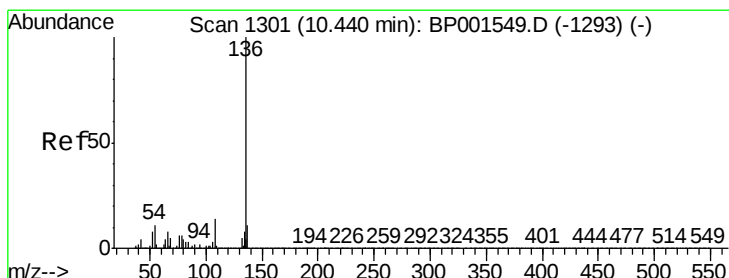
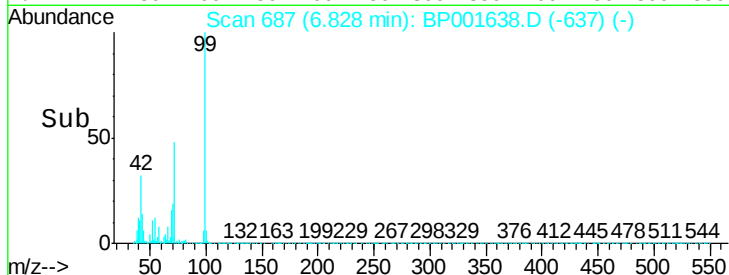
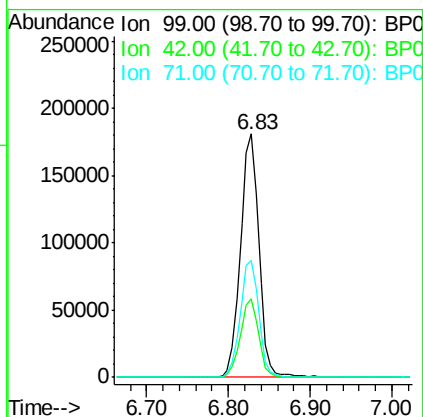
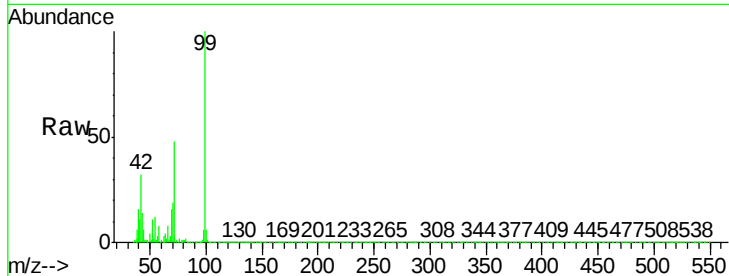
ClientSampleId :

SB-10-(7-9)

Tot Ion:	99	Resp:	284187
Ion Ratio	Lower	Upper	
99	100		
42	32.2	24.5	36.7
71	48.2	42.4	63.6

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#21

Naphthalene-d8

Concen: 20.000 ng

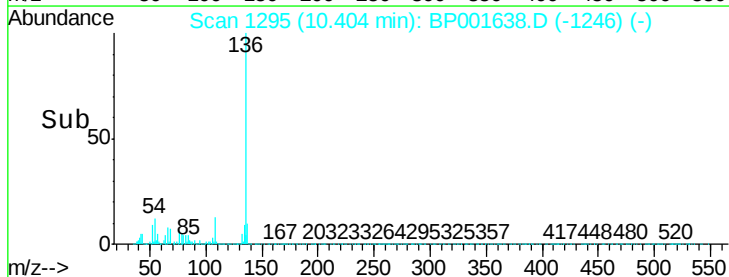
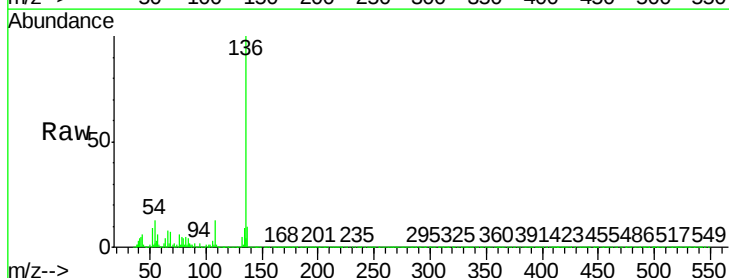
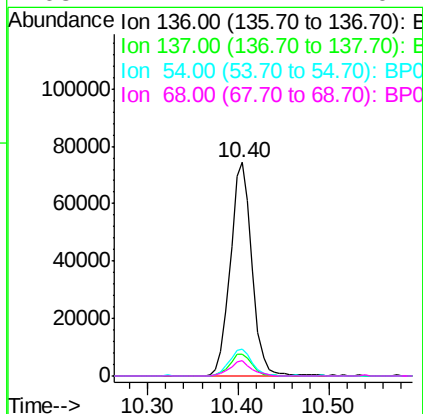
RT: 10.40 min Scan# 1295

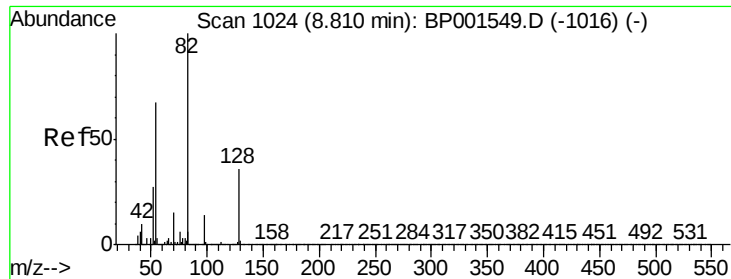
Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Tgt Ion:	136	Resp:	124001
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	12.8
54	12.6	9.2	13.8
68	7.2	4.1	6.1#





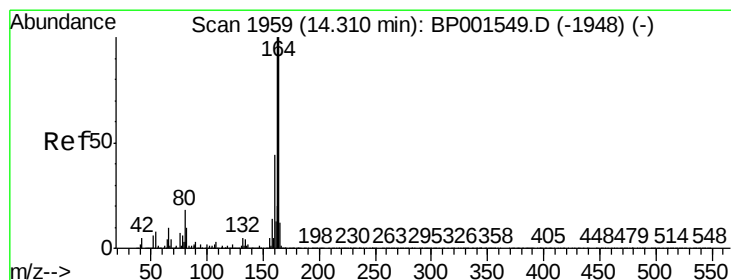
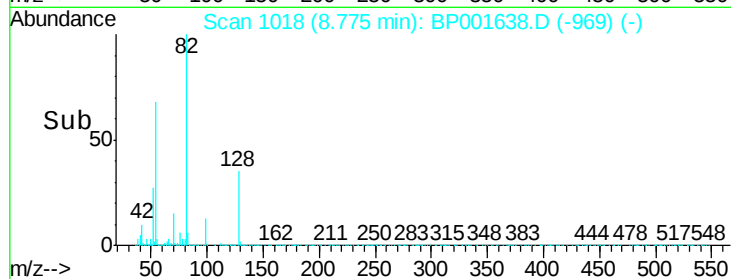
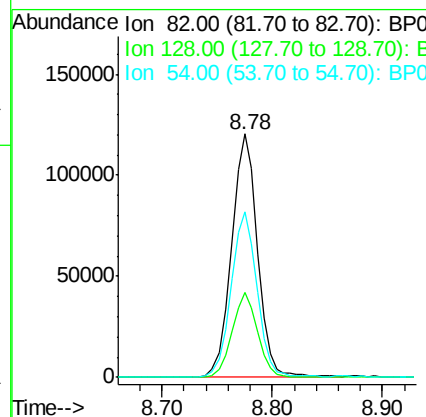
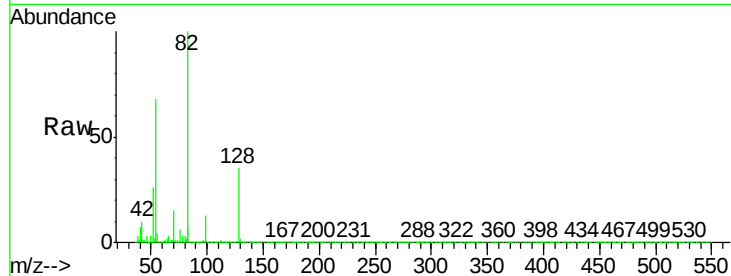
#23
Nitrobenzene-d5
Concen: 69.649 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.4	42.6
54	67.8	53.4	80.2

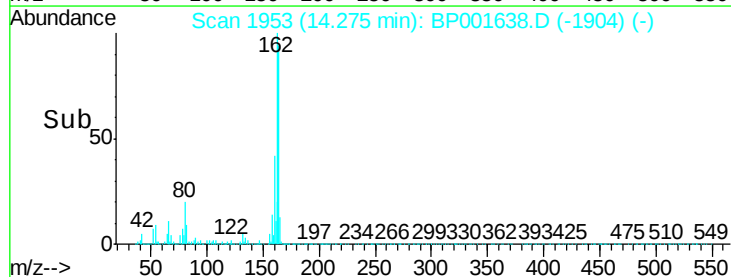
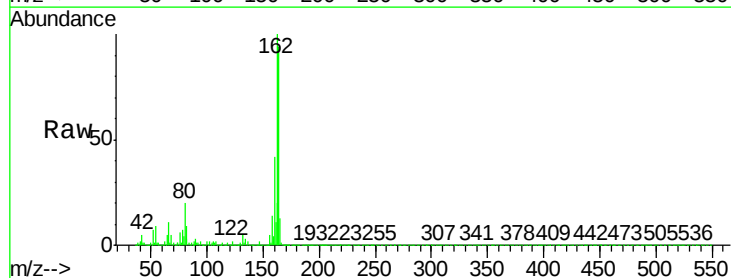
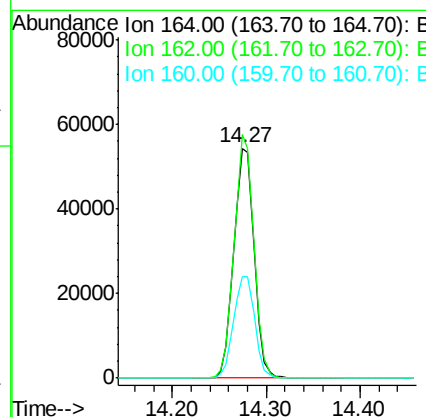
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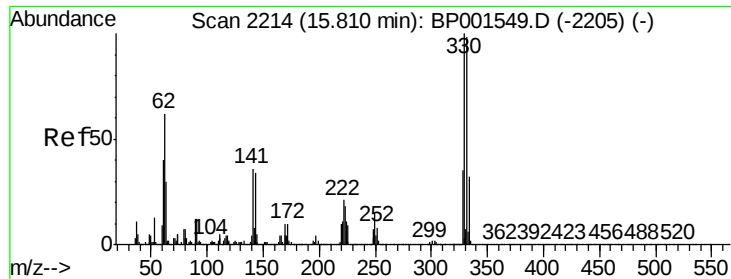
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	79.8	119.6
160	44.2	35.0	52.6





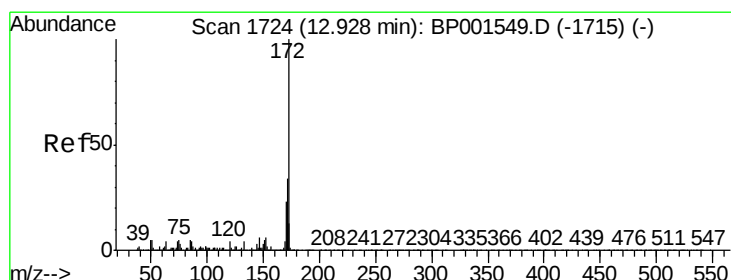
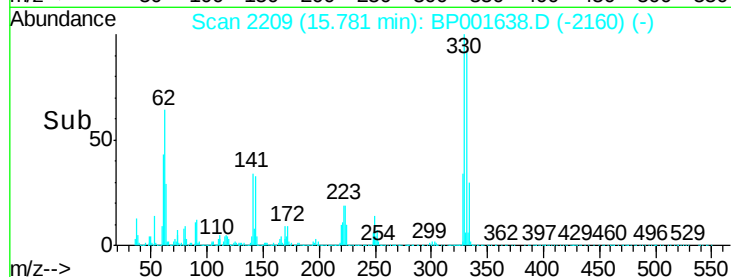
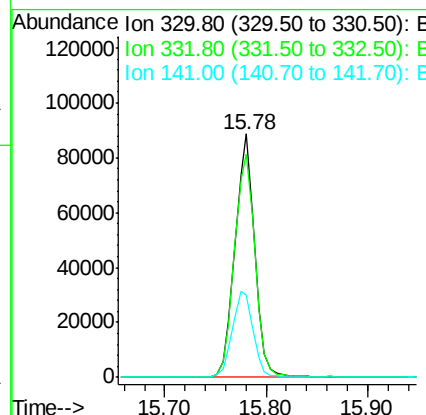
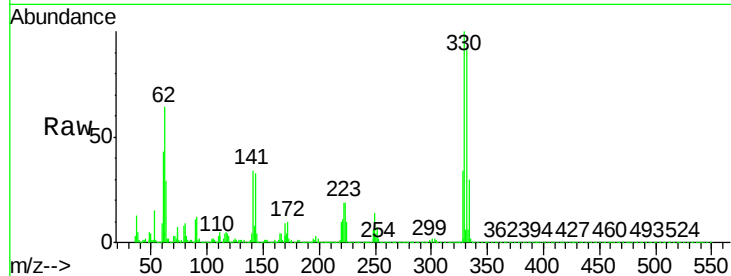
#42
2,4,6-Tribromophenol
Concen: 96.493 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	119755		
332	96.2	77.8	116.6	
141	37.7	28.7	43.1	

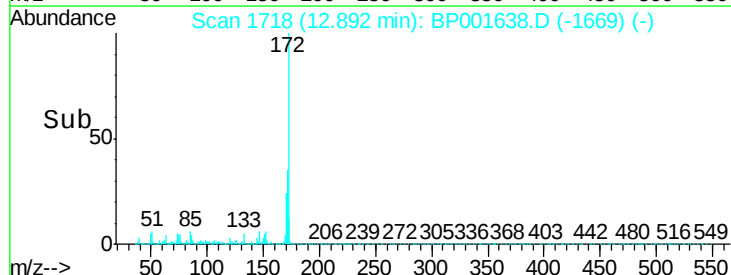
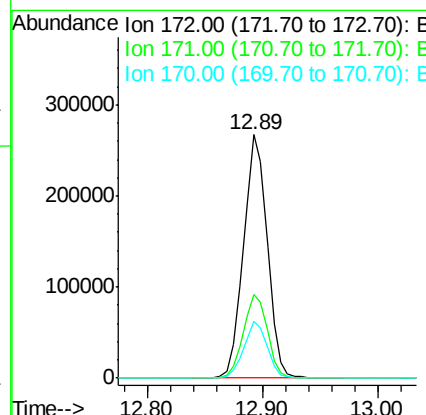
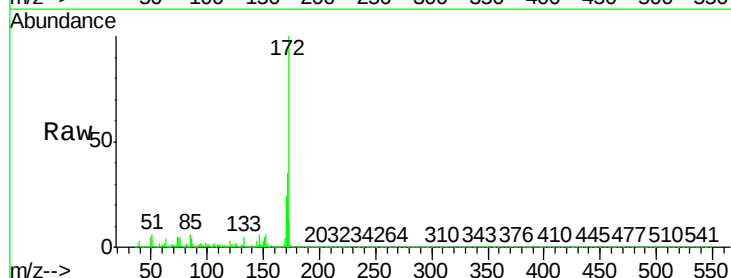
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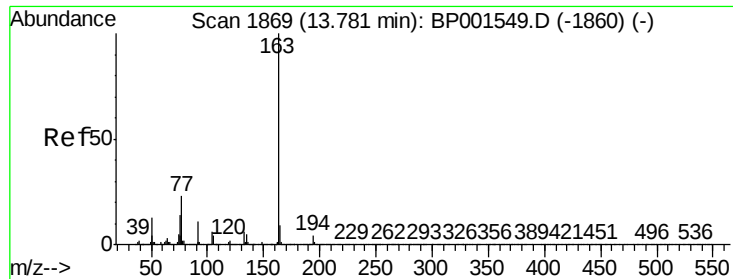
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#45
2-Fluorobiphenyl
Concen: 68.572 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	380256		
171	34.6	27.6	41.4	
170	23.6	18.3	27.5	





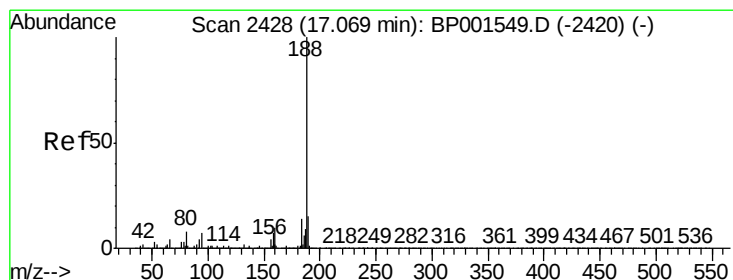
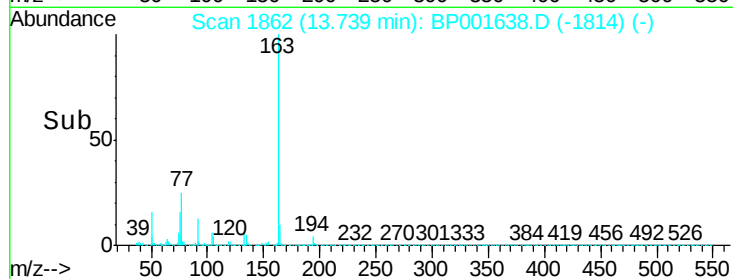
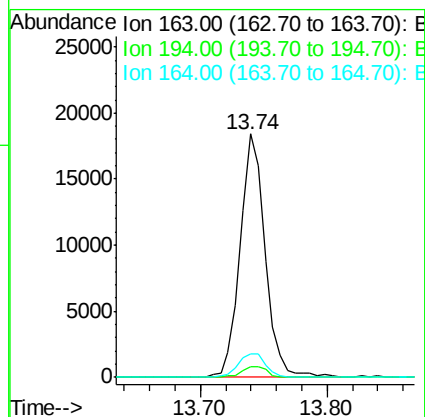
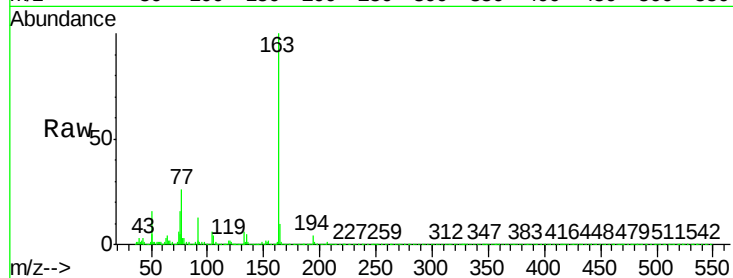
#50
Dimethylphthalate
Concen: 3.725 ng
RT: 13.74 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampled :
SB-10-(7-9)

Tot Ion:	163	Resp:	25012
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	9.7	7.5	11.3

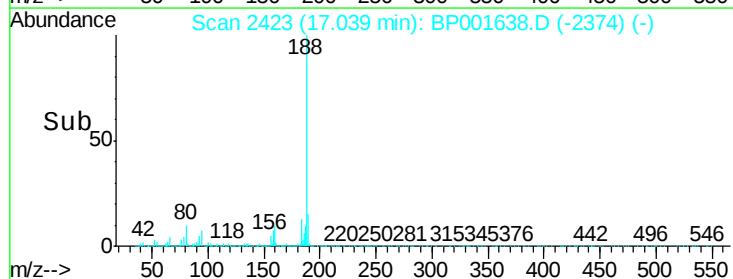
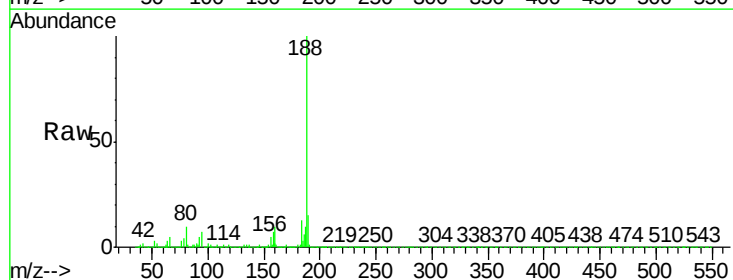
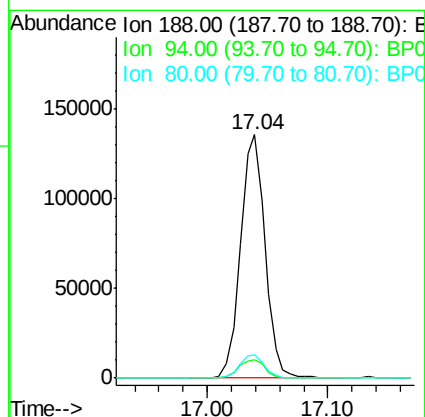
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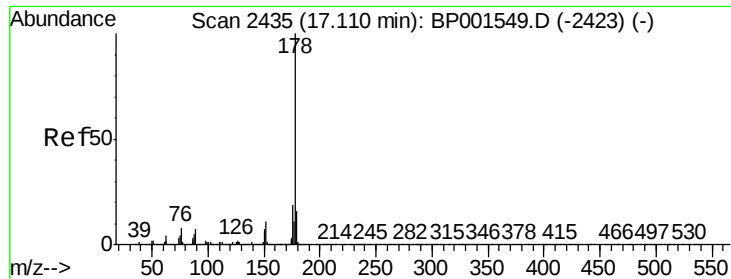
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion:	188	Resp:	191951
Ion Ratio	Lower	Upper	
188	100		
94	7.3	5.9	8.9
80	9.5	6.8	10.2





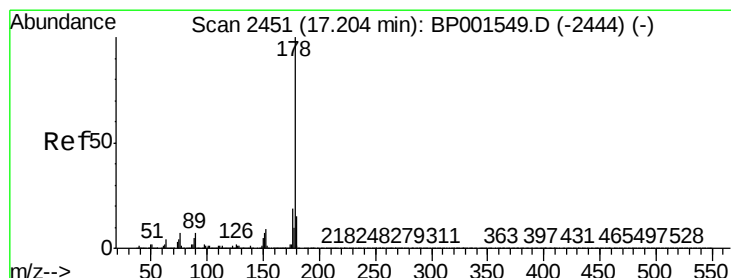
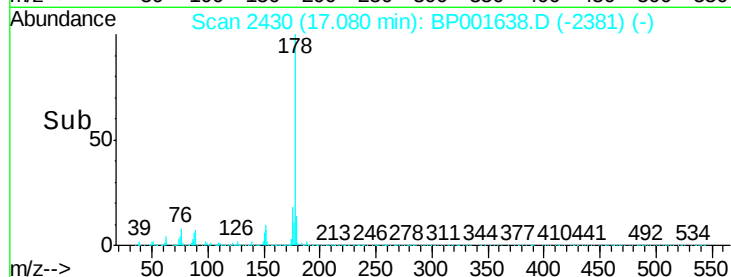
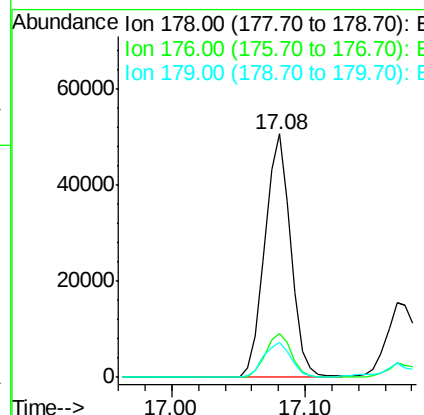
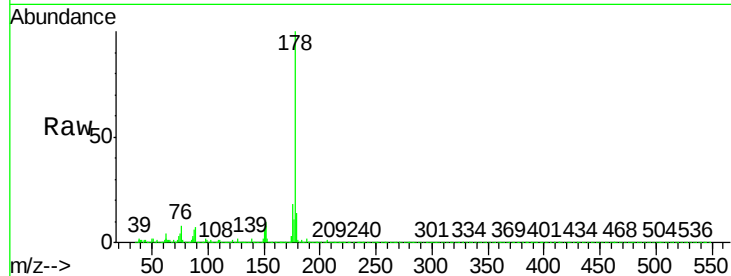
#71
Phenanthrene
Concen: 6.485 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampled :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	14.2	12.5	18.7

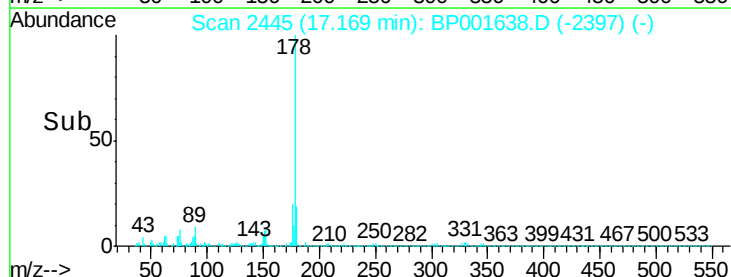
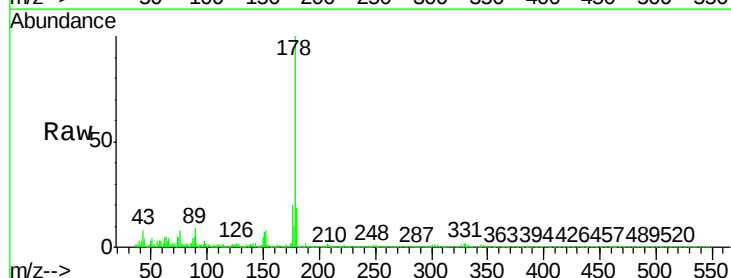
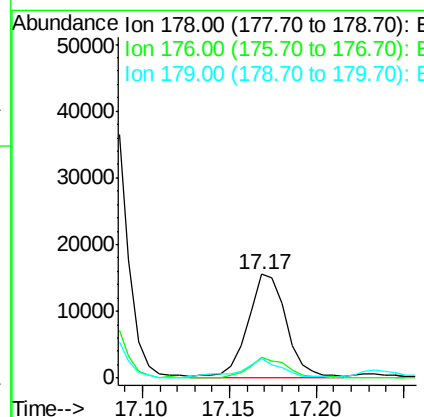
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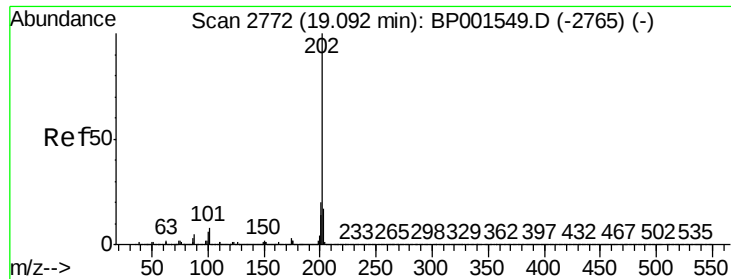
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#72
Anthracene
Concen: 2.406 ng m
RT: 17.17 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.6
179	19.2	11.8	17.8#





#75

Fluoranthene

Concen: 8.476 ng

RT: 19.06 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

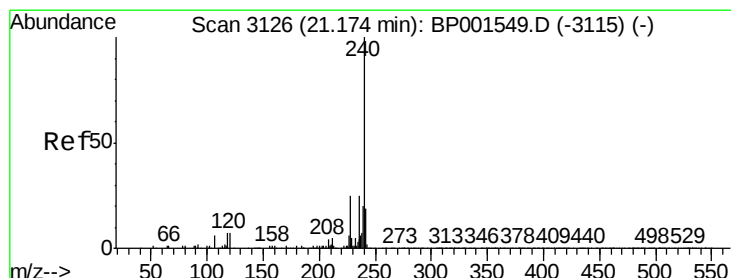
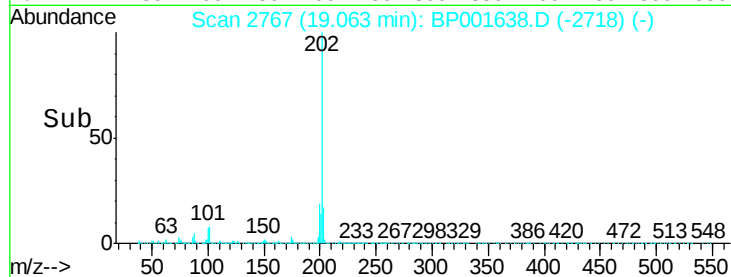
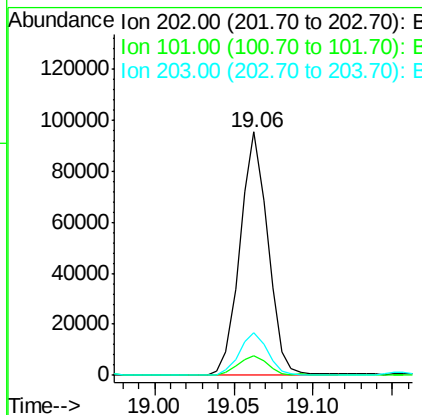
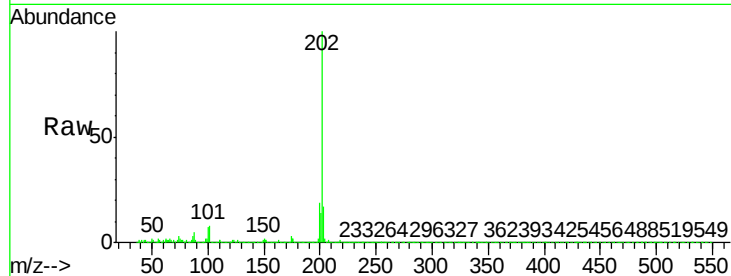
ClientSampleId :

SB-10-(7-9)

Tot Ion:	202	Resp:	116426
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.4
203	17.5	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

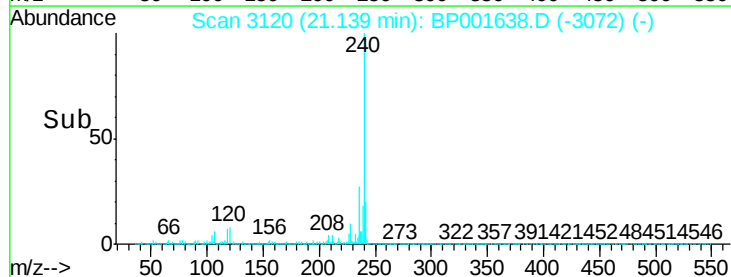
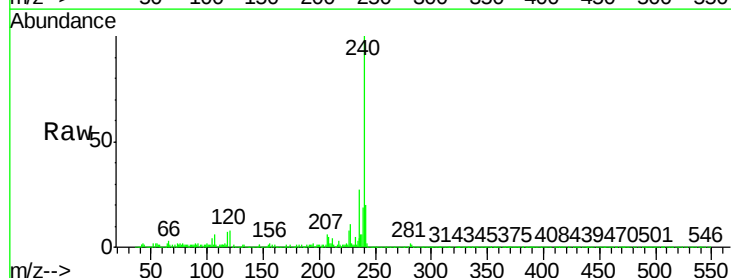
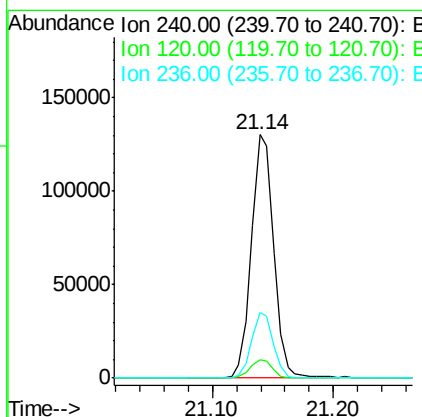
RT: 21.14 min Scan# 3120

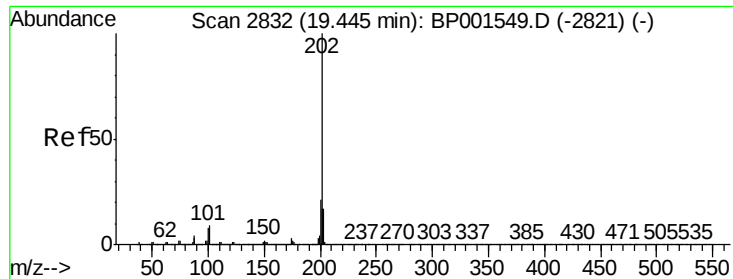
Delta R.T. -0.02 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Tgt Ion:	240	Resp:	168462
Ion Ratio	Lower	Upper	
240	100		
120	7.7	5.7	8.5
236	27.1	20.4	30.6





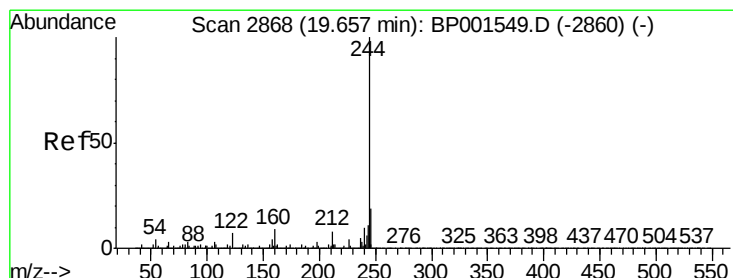
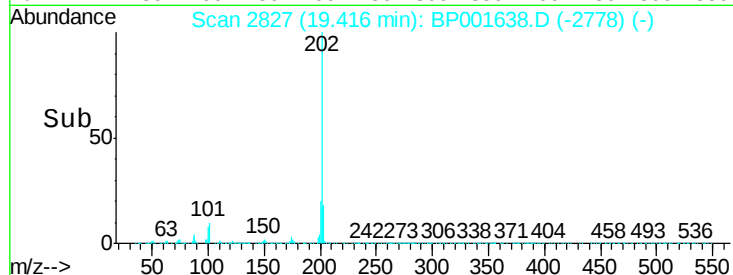
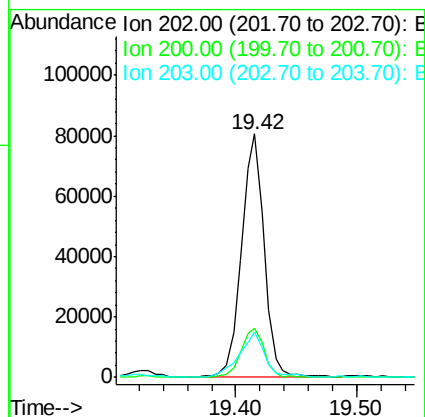
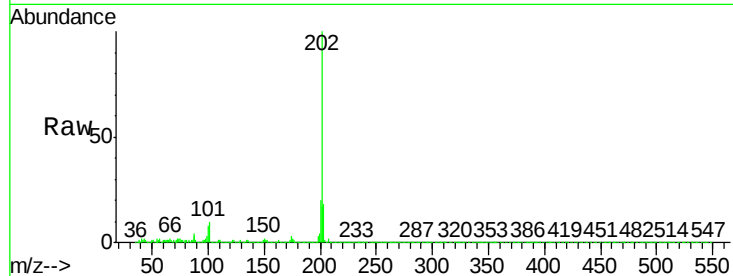
#78
Pvrene
Concen: 8.463 ng
RT: 19.42 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion:	202	Resp:	104728
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.0	25.6
203	18.5	13.7	20.5

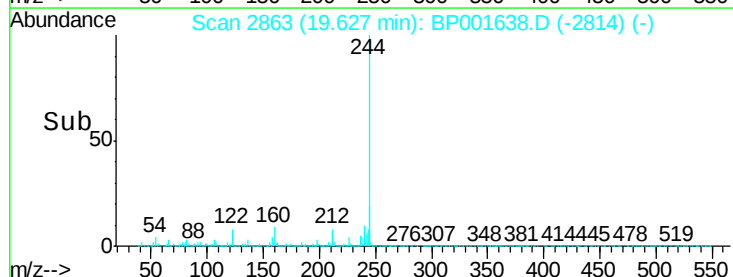
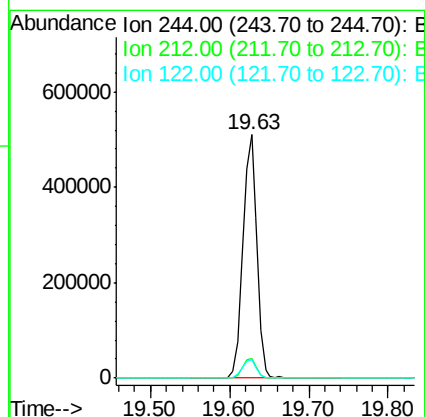
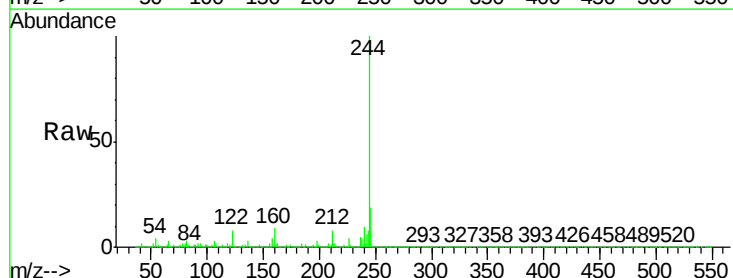
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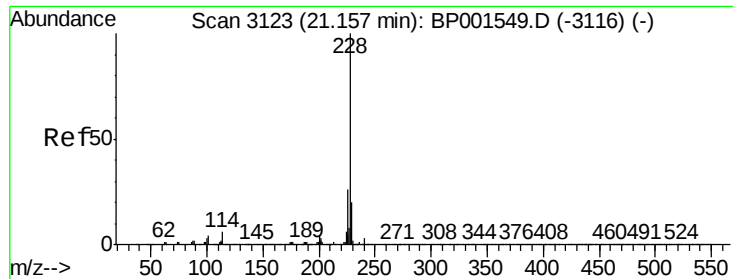
mohammad
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#79
Terphenyl-d14
Concen: 67.240 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion:	244	Resp:	619306
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	7.6	5.8	8.6





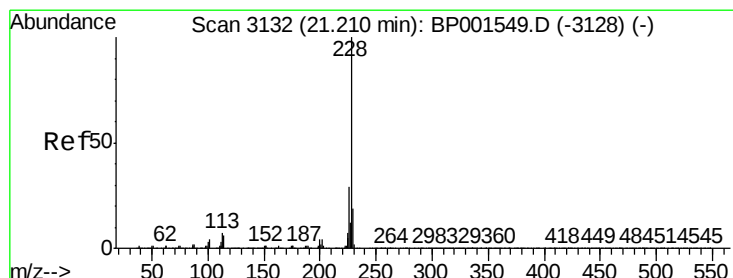
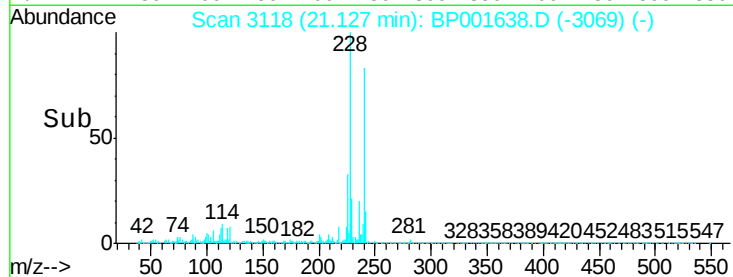
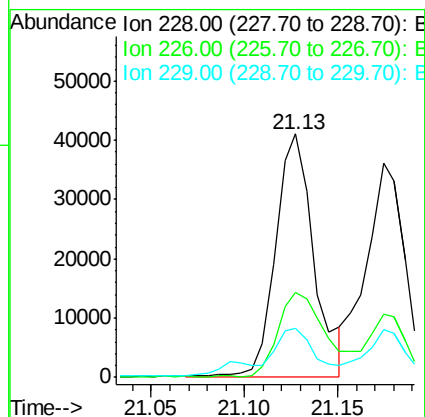
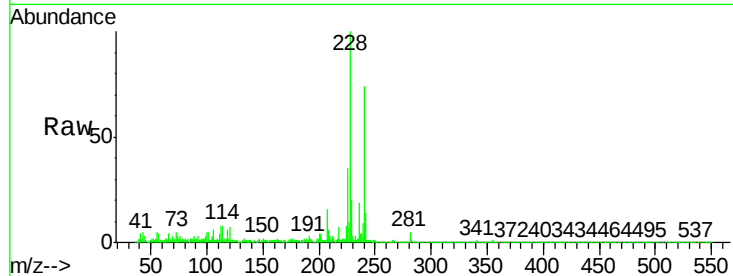
#81
Benzo(a)anthracene
Concen: 5.036 ng m
RT: 21.13 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.1	21.2	31.8#
229	20.2	16.1	24.1

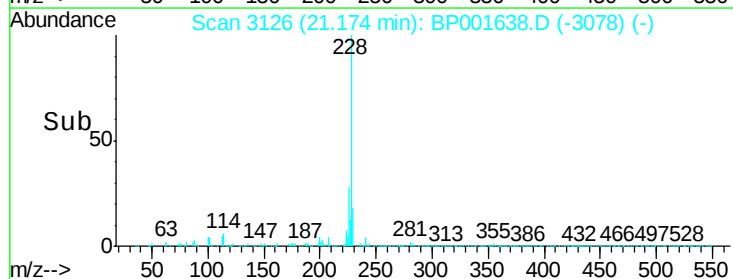
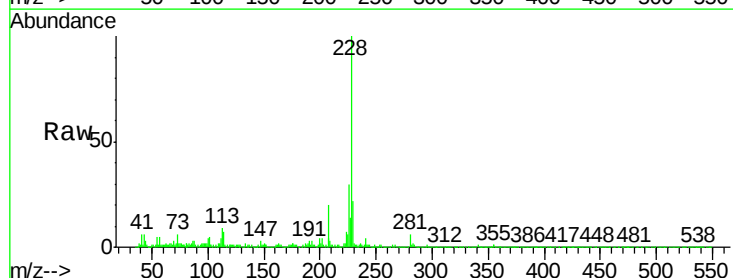
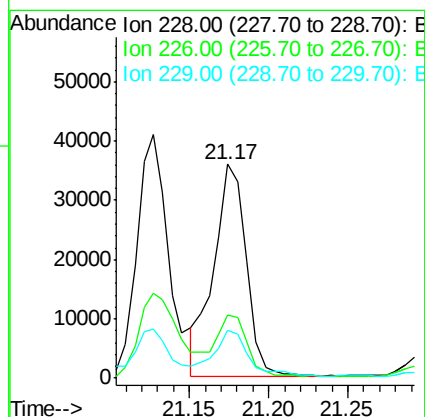
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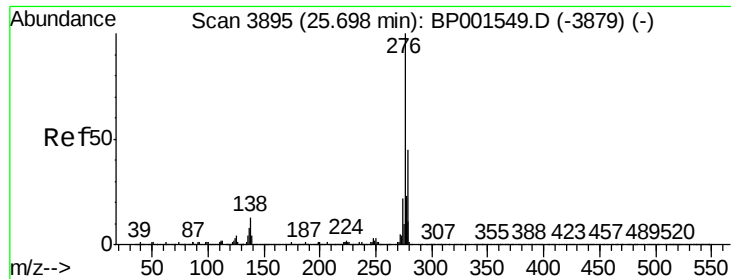
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#83
Chrysene
Concen: 4.495 ng
RT: 21.17 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	22.3	15.2	22.8





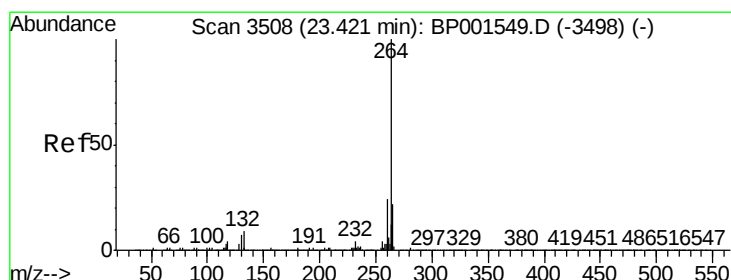
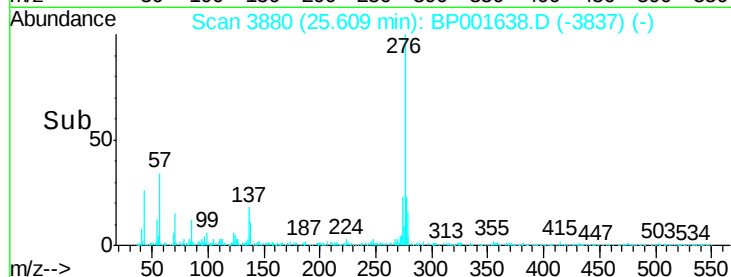
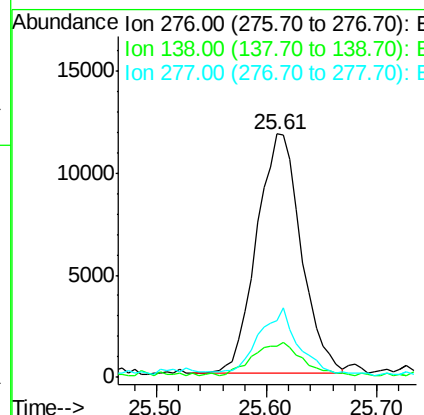
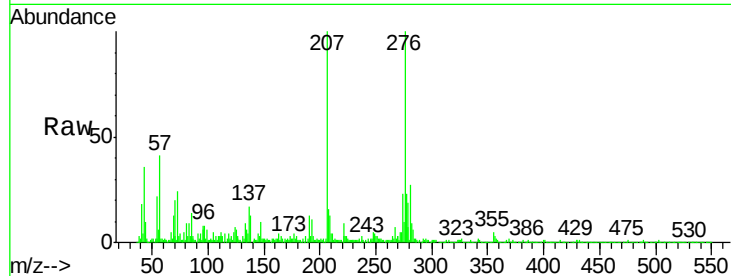
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.470 ng
RT: 25.61 min Scan# 3880
Delta R.T. -0.05 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.1	16.7
277	23.6	20.4	30.6

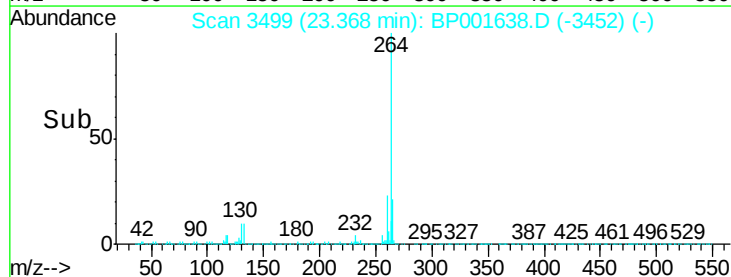
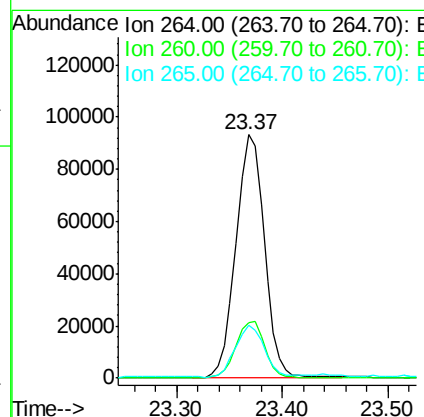
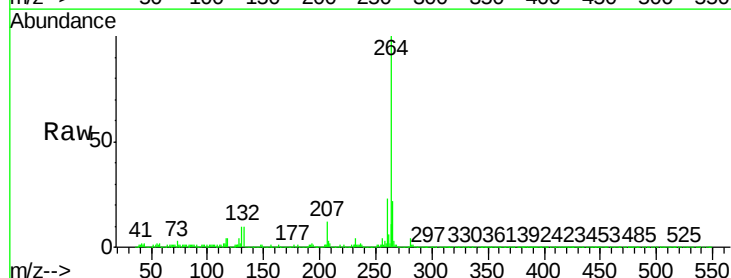
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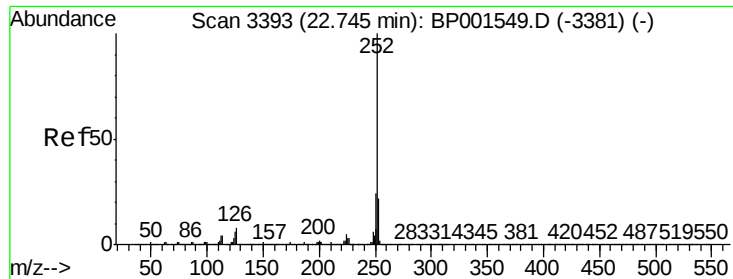
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.9	18.2	27.4





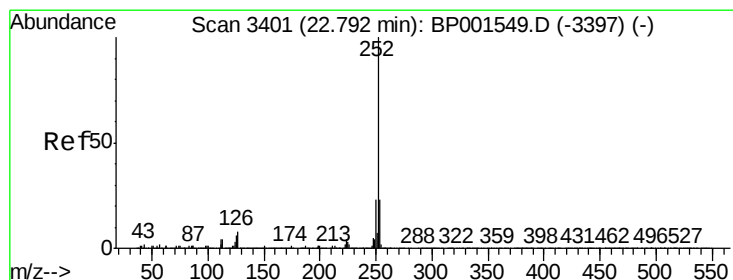
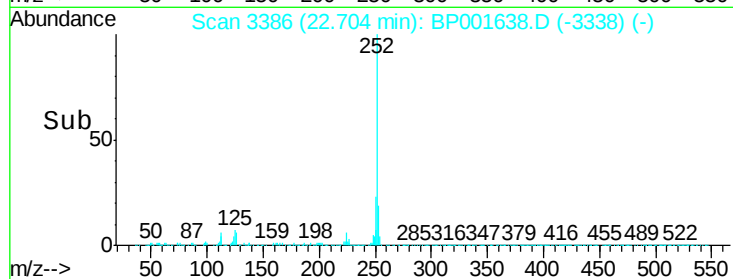
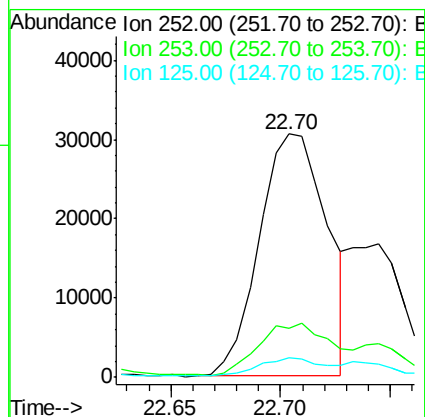
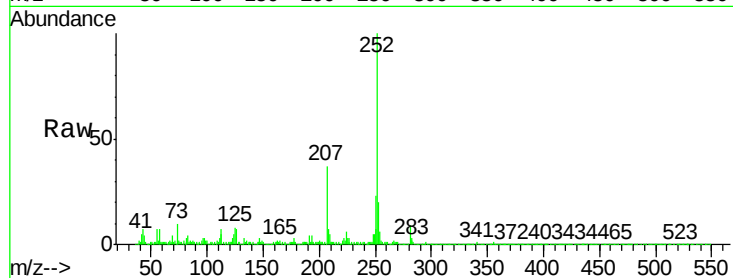
#88
Benzo(b)fluoranthene
Concen: 5.955 ng m
RT: 22.70 min Scan# 3386
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.6	26.4
125	8.2	4.6	7.0

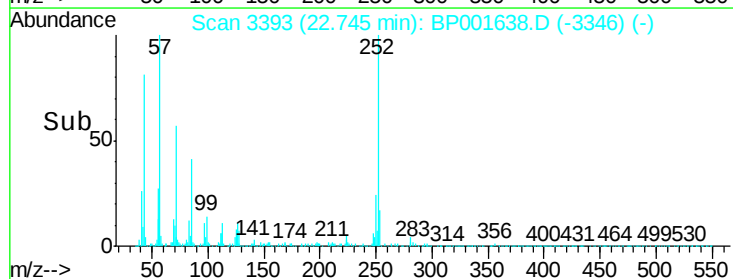
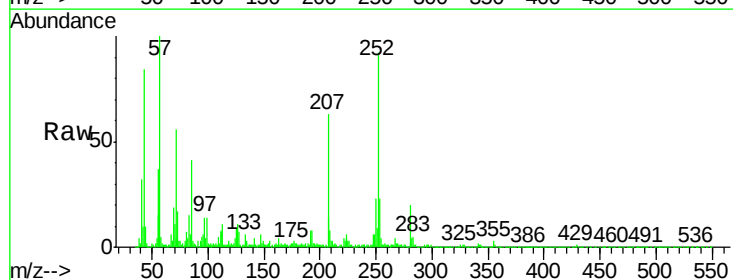
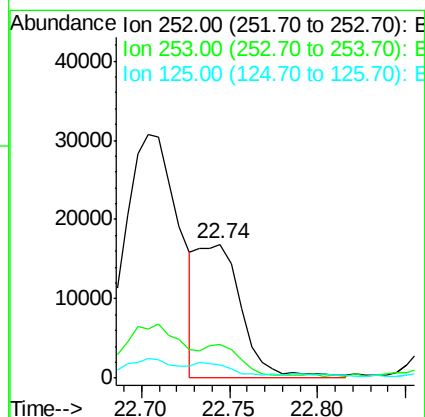
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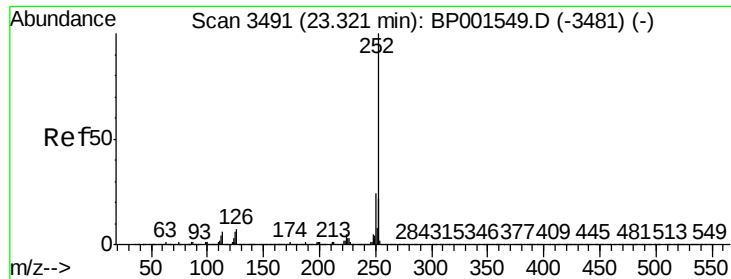
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#89
Benzo(k)fluoranthene
Concen: 2.696 ng m
RT: 22.74 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	9.6	4.6	6.8





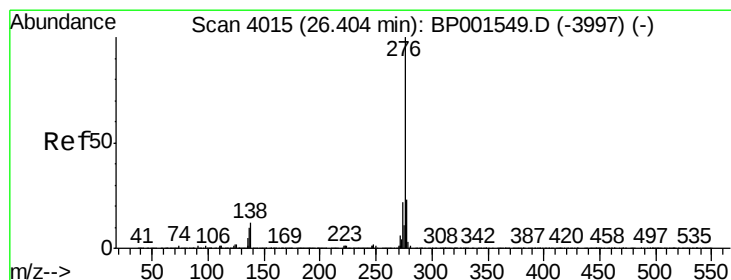
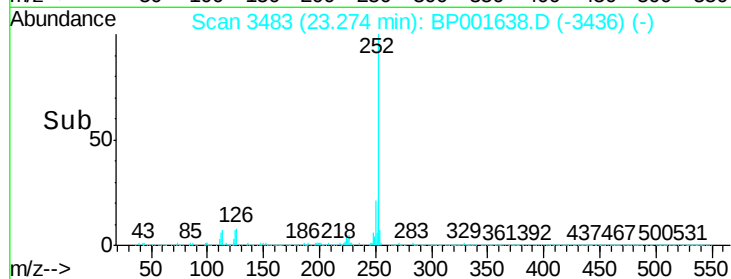
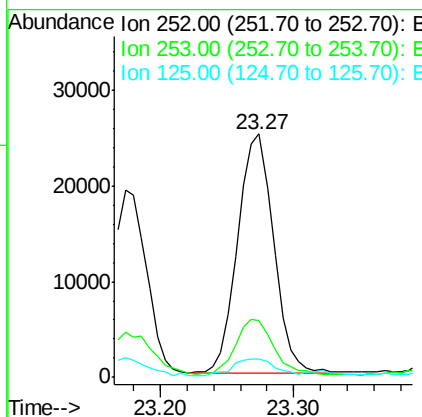
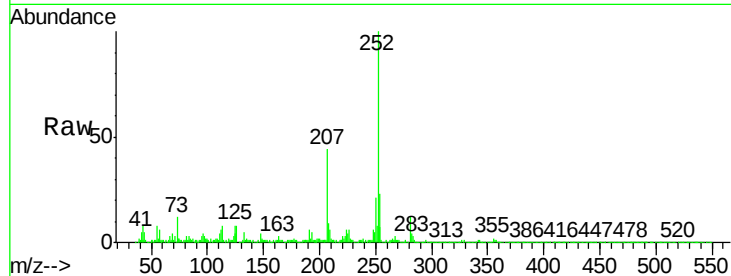
#90
Benzo(a)pyrene
Concen: 4.465 ng
RT: 23.27 min Scan# 3483
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	7.7	5.0	7.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.381 ng
RT: 26.29 min Scan# 3996
Delta R.T. -0.05 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	19.2	9.4	14.2

