

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001241.D
 Acq On : 06 Dec 2019 20:52
 Operator : JU
 Sample : K6145-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TH-2

Manual Integrations
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Quant Time: Dec 07 02:50:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	77731	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	287611	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	164679	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	311995	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	229730	20.00	ng	-0.02
87) Perylene-d12	21.02	264	240208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	501982	107.14	ng	0.01
7) Phenol-d6	7.76	99	695057	111.35	ng	0.00
23) Nitrobenzene-d5	9.19	82	475948	71.80	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	184732	117.03	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	783712	69.65	ng	-0.01
79) Terphenyl-d14	17.88	244	845416	68.08	ng	-0.01
Target Compounds						
50) Dimethylphthalate	12.79	163	77996	6.333	ng	99
71) Phenanthrene	15.63	178	73467	4.479	ng	98
75) Fluoranthene	17.35	202	166832	9.608	ng	98
78) Pyrene	17.65	202	153846	8.503	ng	97
81) Benzo(a)anthracene	19.23	228	79173	4.971	ng	# 89
83) Chrysene	19.27	228	76789m	5.384	ng	
85) Di-n-octyl phthalate	20.11	149	85555	4.192	ng	# 51
86) Indeno(1,2,3-cd)pyrene	22.64	276	38617	2.297	ng	93
88) Benzo(b)fluoranthene	20.53	252	92469m	6.302	ng	
89) Benzo(k)fluoranthene	20.56	252	33286m	2.355	ng	
90) Benzo(a)pyrene	20.94	252	67275	4.978	ng	# 87
92) Benzo(a,h,i)perylene	23.13	276	39793	3.047	ng	# 91

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

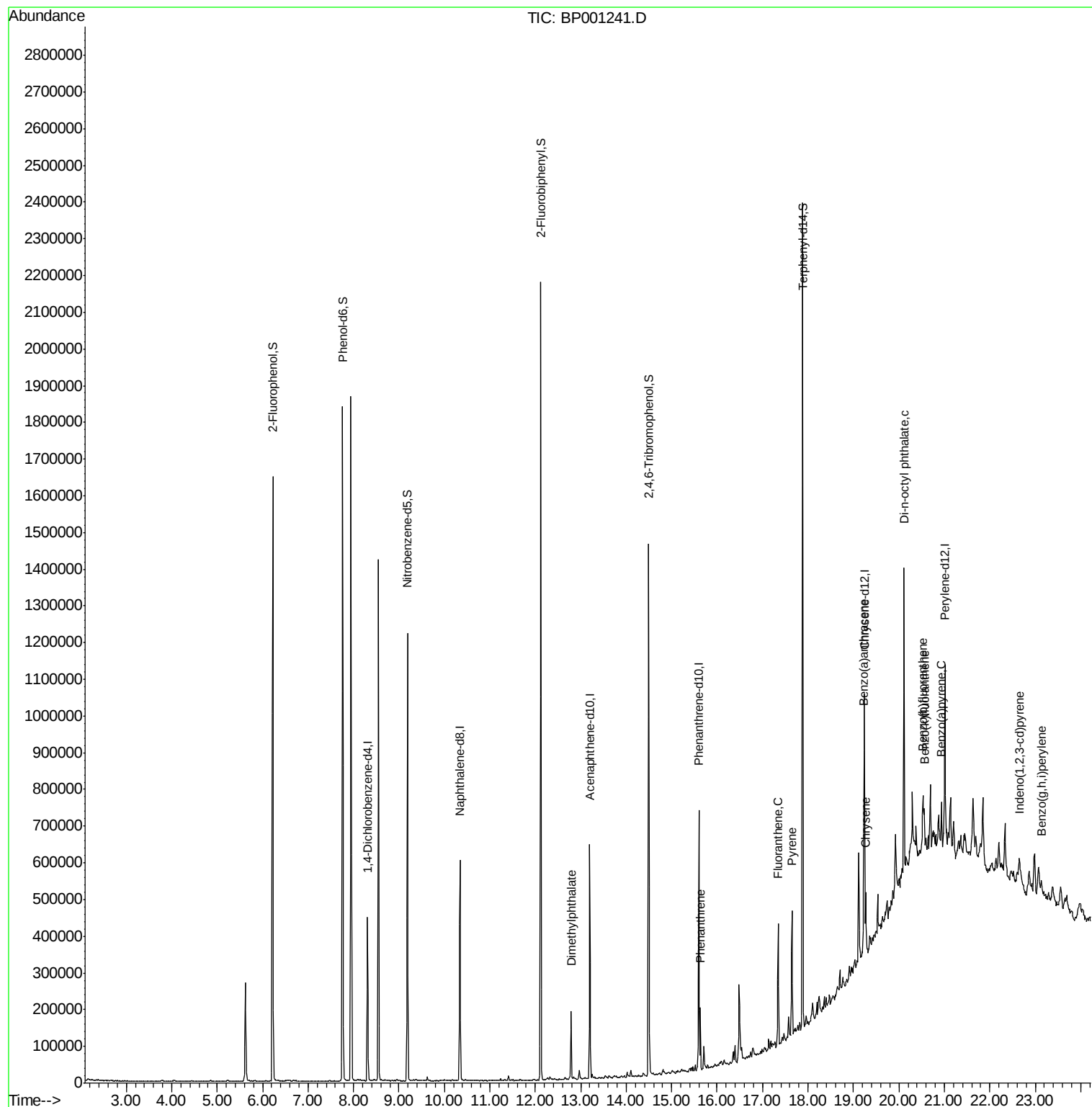
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
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Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

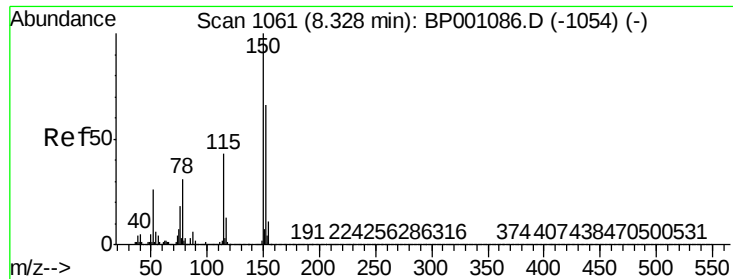
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001241.D

Acq: 06 Dec 2019 20:52

Instrument :

BNA_P

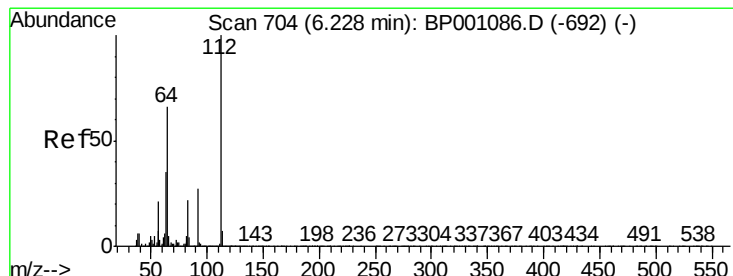
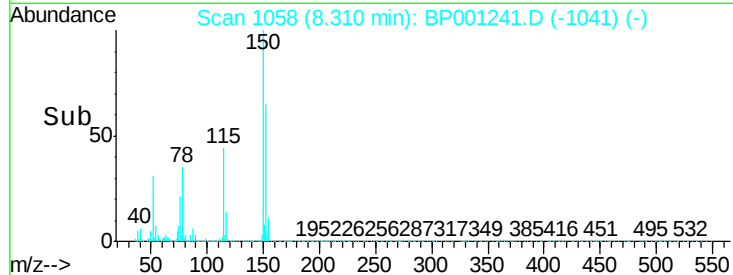
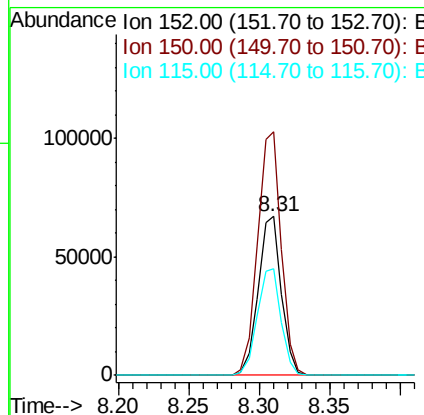
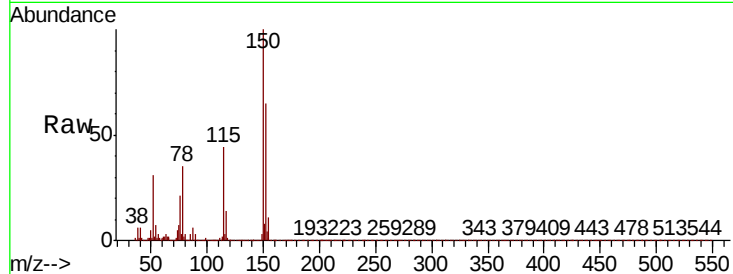
ClientSampled :

TH-2

Tot Ion:	152	Resp:	77731
Ion Ratio	Lower	Upper	
152	100		
150	153.5	127.3	190.9
115	67.4	56.0	84.0

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#5

2-Fluorophenol

Concen: 107.142 ng

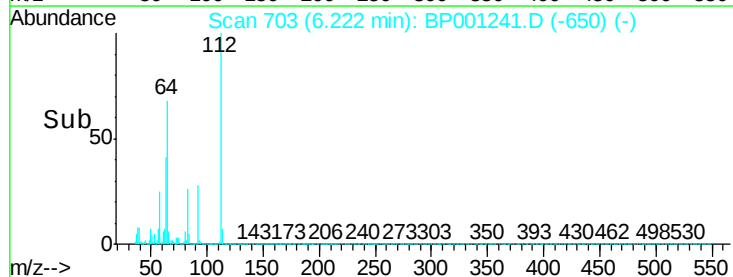
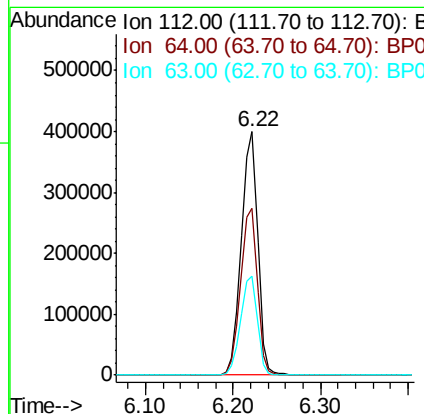
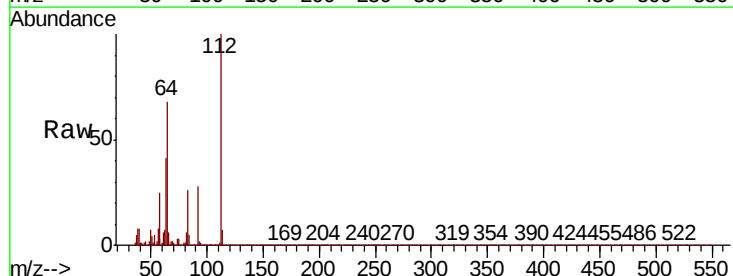
RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001241.D

Acq: 06 Dec 2019 20:52

Tgt Ion:	112	Resp:	501982
Ion Ratio	Lower	Upper	
112	100		
64	68.3	56.8	85.2
63	40.6	32.2	48.2





#7

Phenol-d6

Concen: 111.355 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001241.D

Acq: 06 Dec 2019 20:52

Instrument :

BNA_P

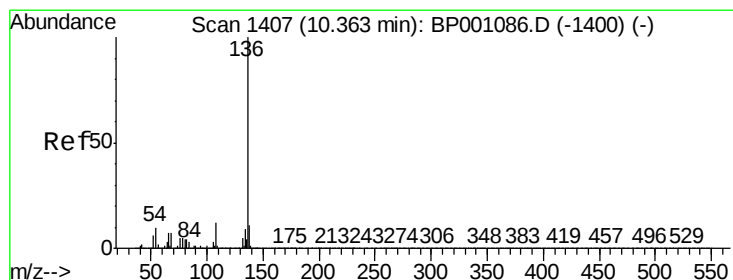
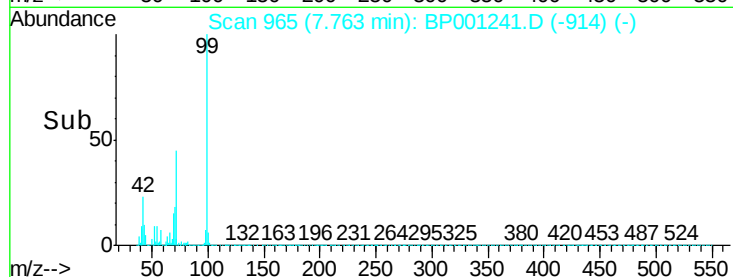
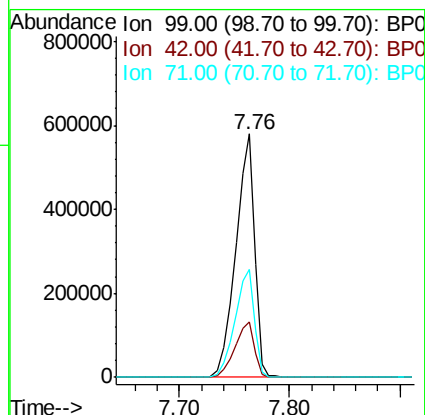
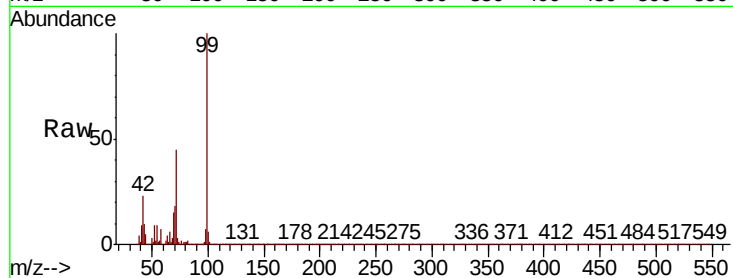
ClientSampled :

TH-2

Tot Ion:	99	Resp:	695057
Ion Ratio	Lower	Upper	
99	100		
42	22.9	17.6	26.4
71	44.6	33.8	50.8

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#21

Naphthalene-d8

Concen: 20.000 ng

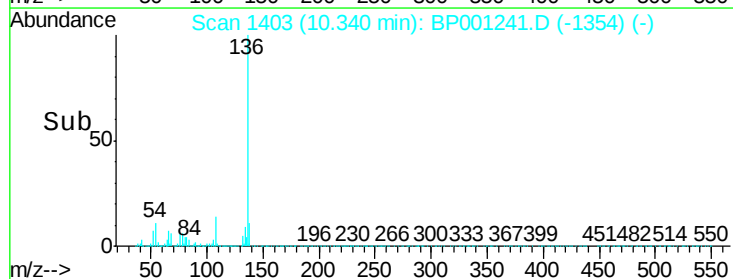
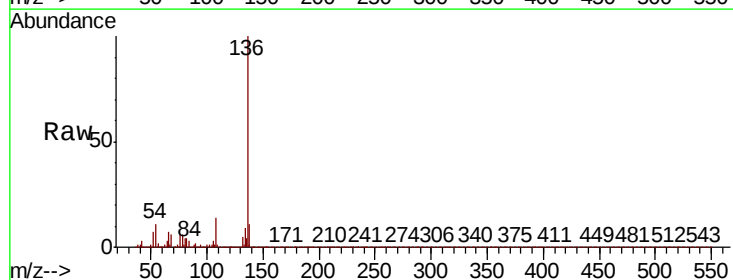
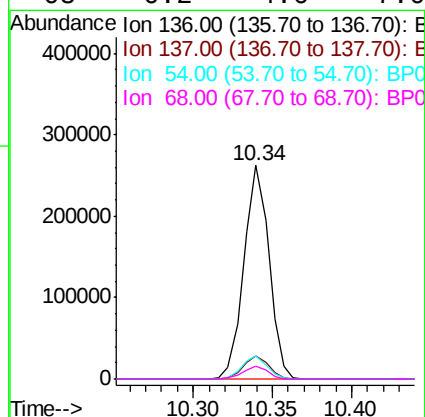
RT: 10.34 min Scan# 1403

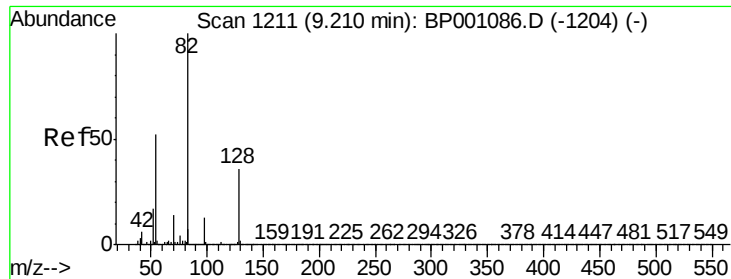
Delta R.T. -0.01 min

Lab File: BP001241.D

Acq: 06 Dec 2019 20:52

Tgt Ion:	136	Resp:	287611
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	10.8	7.4	11.0
68	6.2	4.6	7.0





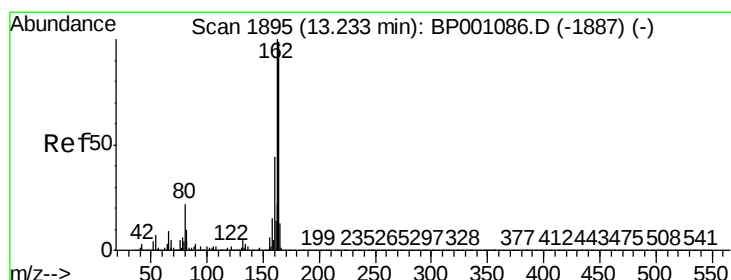
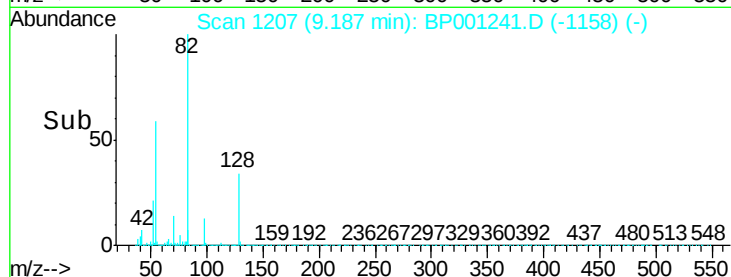
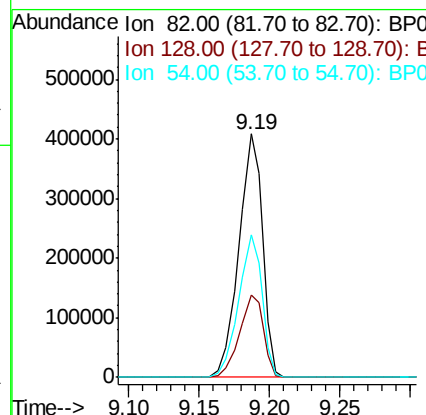
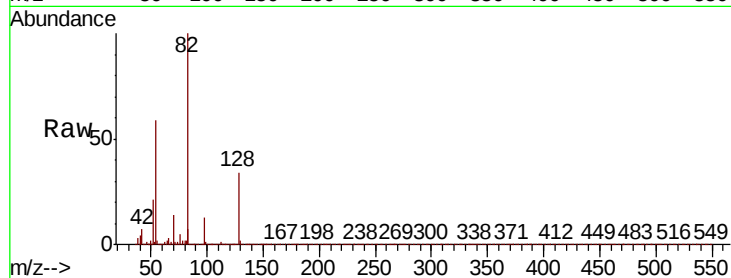
#23
Nitrobenzene-d5
Concen: 71.796 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampled :
TH-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	58.5	45.7	68.5

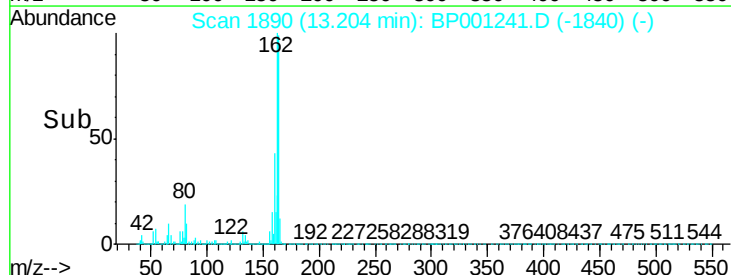
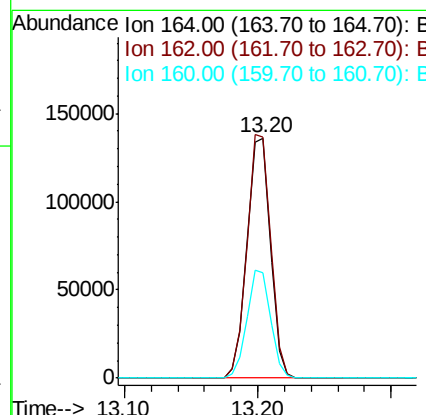
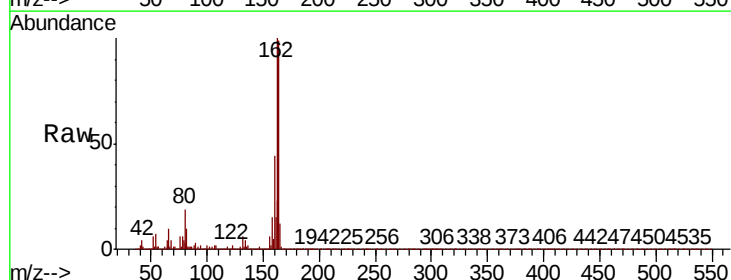
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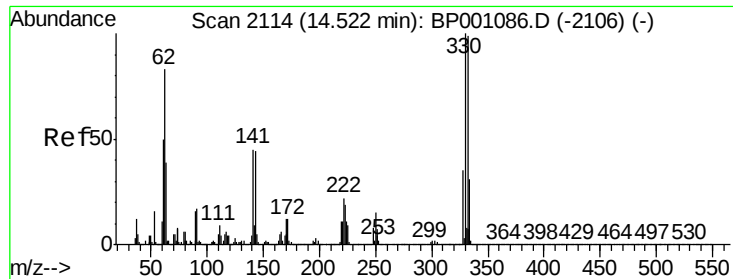
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.7	36.3	54.5





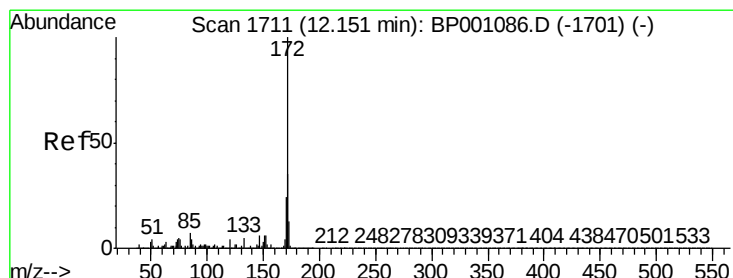
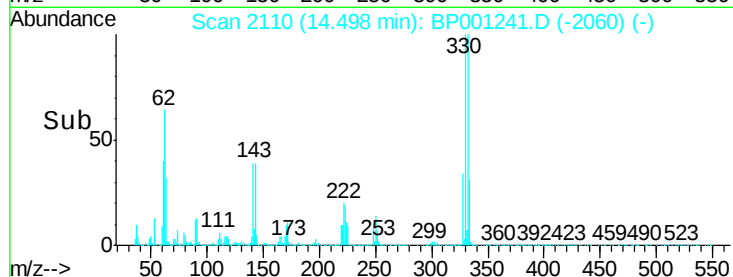
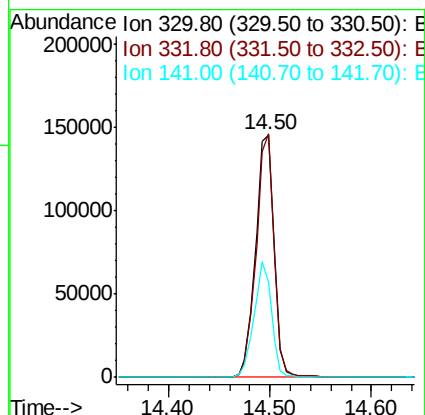
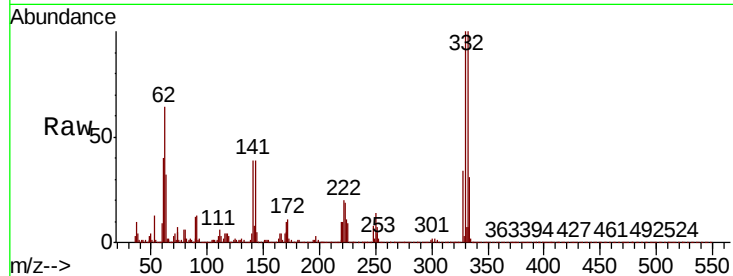
#42
2,4,6-Tribromophenol
Concen: 117.034 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	79.1	118.7	
141	45.4	35.9	53.9	

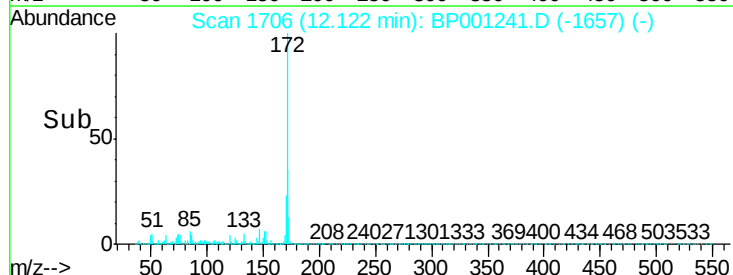
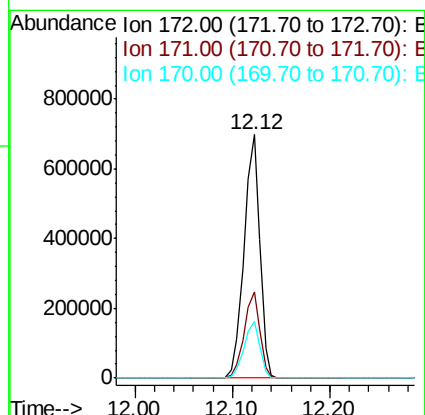
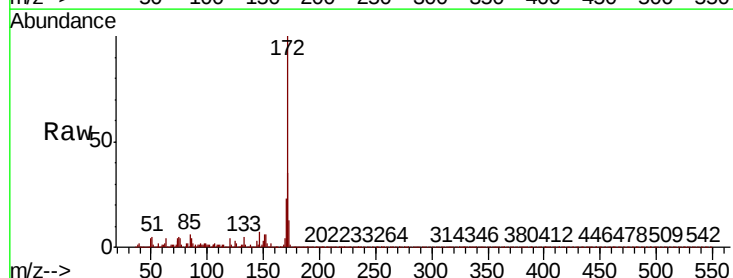
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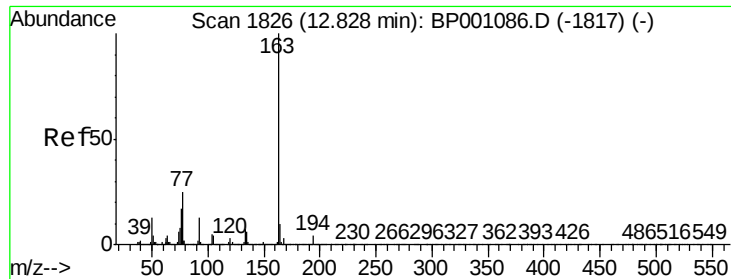
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#45
2-Fluorobiphenyl
Concen: 69.652 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.7	43.1	
170	23.2	19.2	28.8	





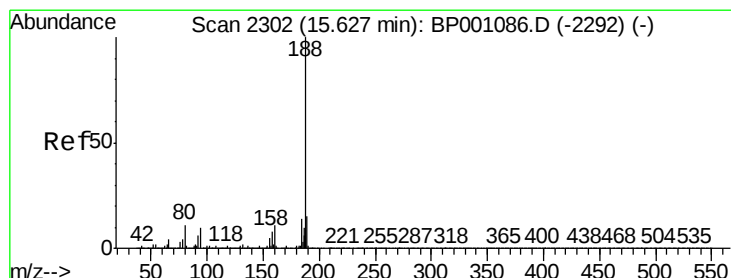
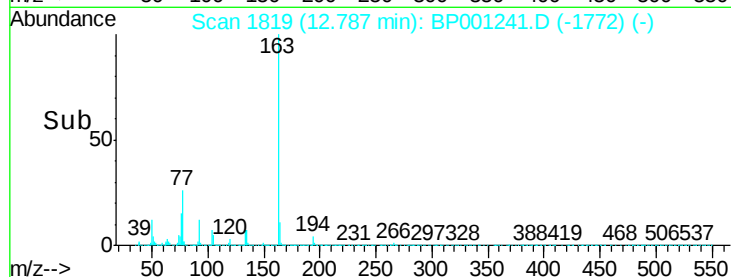
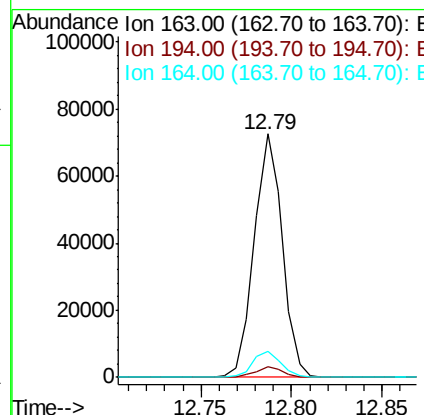
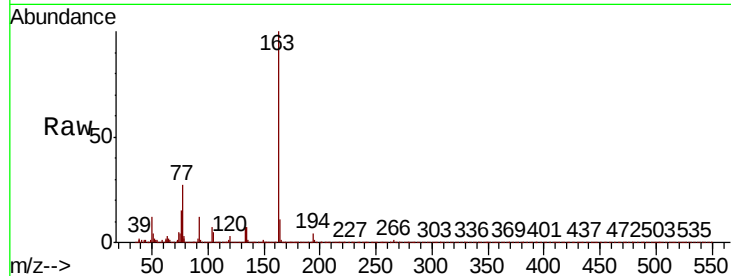
#50
Dimethylphthalate
Concen: 6.333 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampled :
TH-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.6	8.2	12.4

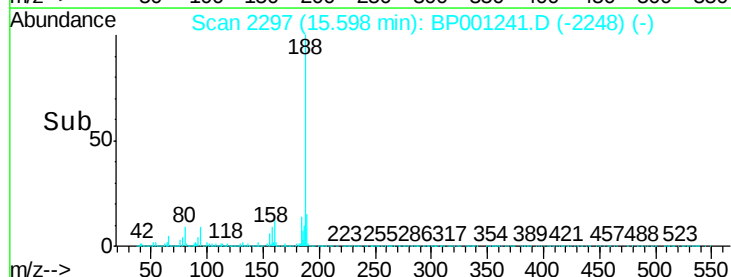
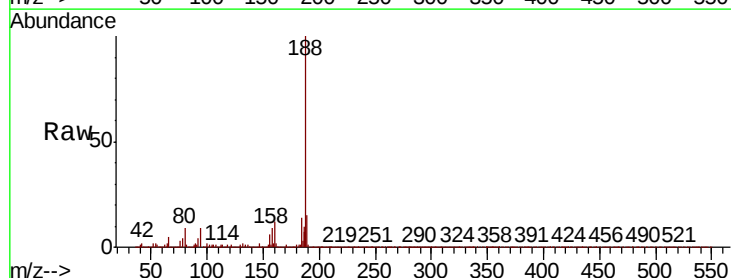
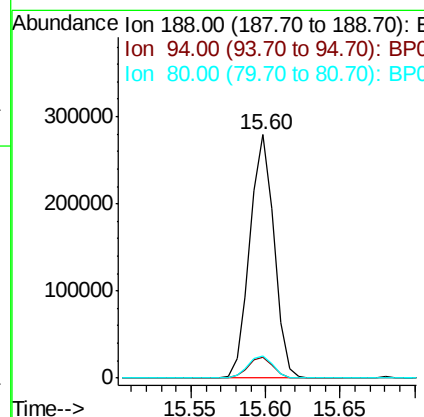
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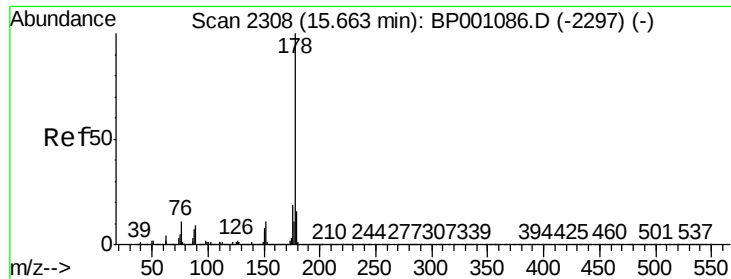
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	8.8	7.8	11.6





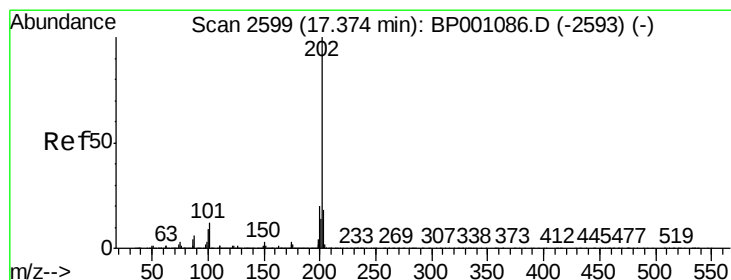
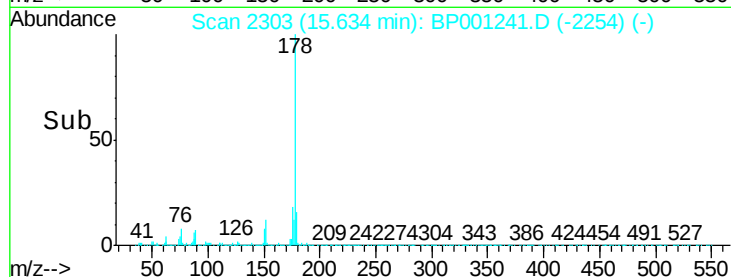
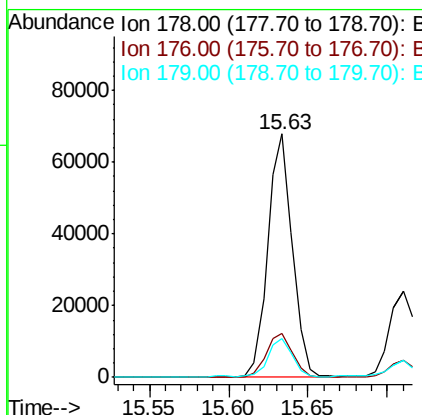
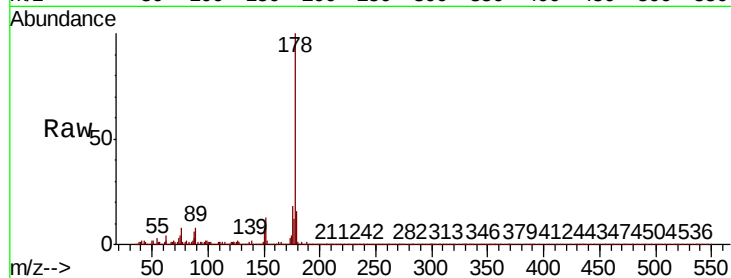
#71
Phenanthrene
Concen: 4.479 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	16.2	12.4	18.6

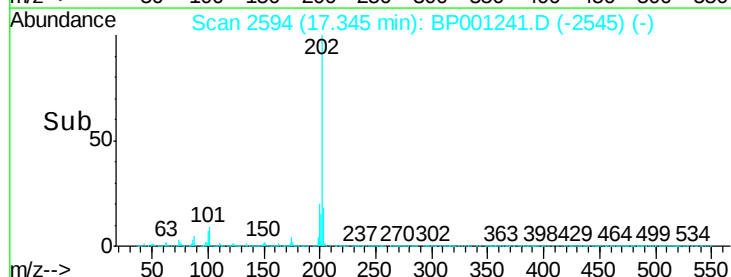
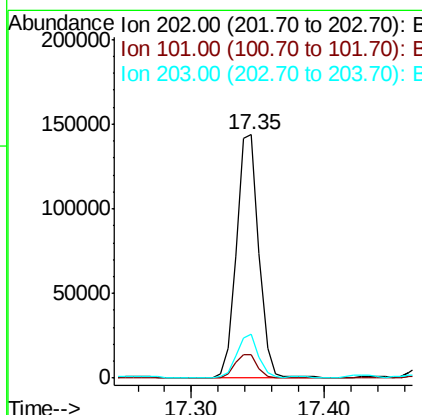
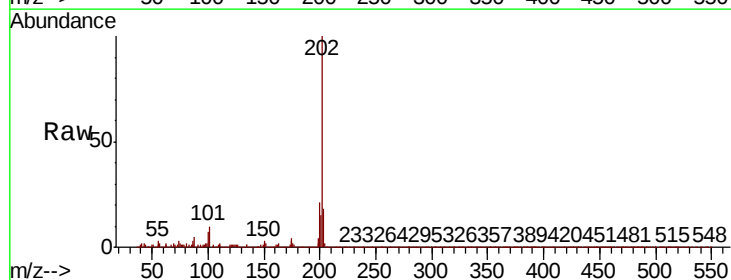
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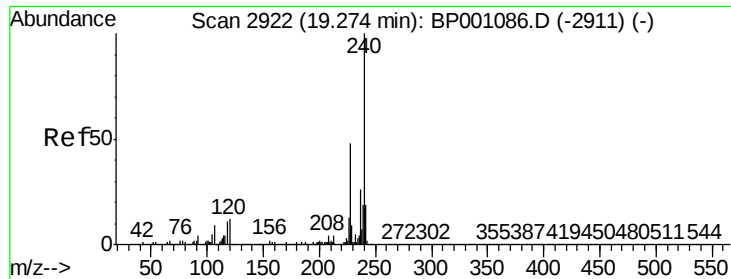
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#75
Fluoranthene
Concen: 9.608 ng
RT: 17.35 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
203	18.0	0.0	37.1





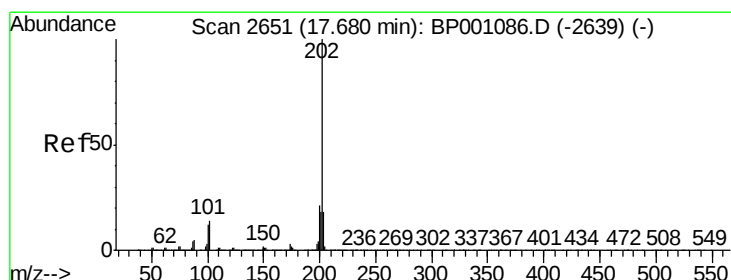
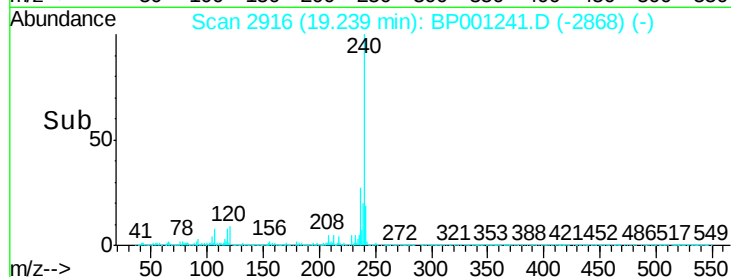
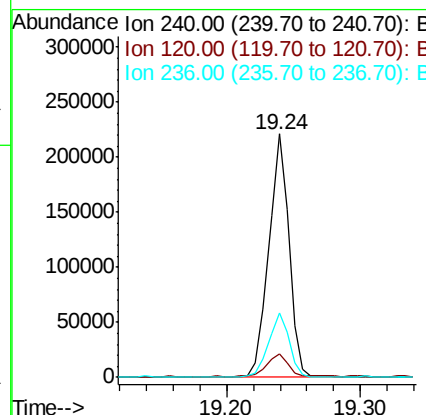
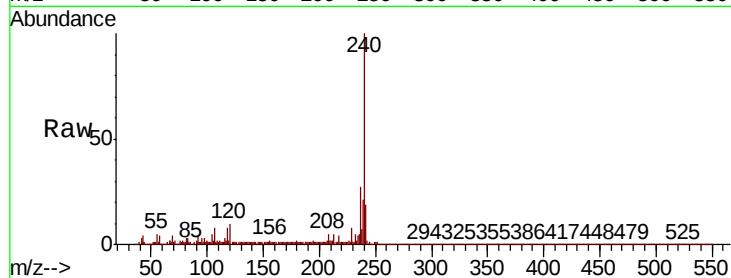
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampled :
TH-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.0	10.6
236	26.7	21.7	32.5

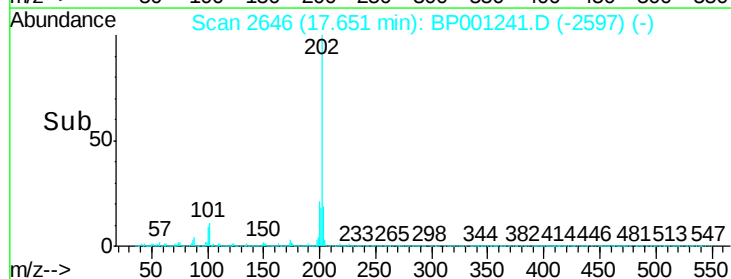
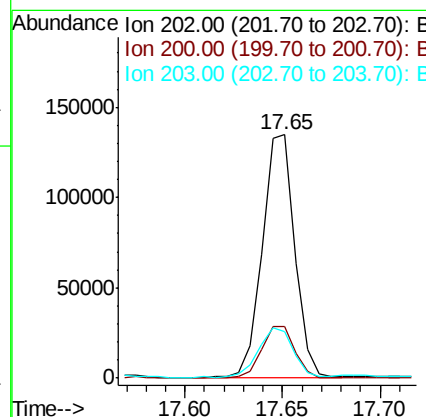
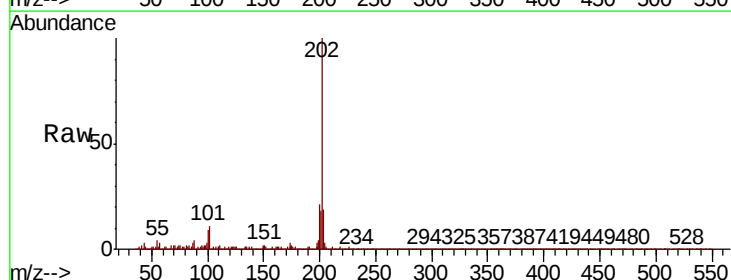
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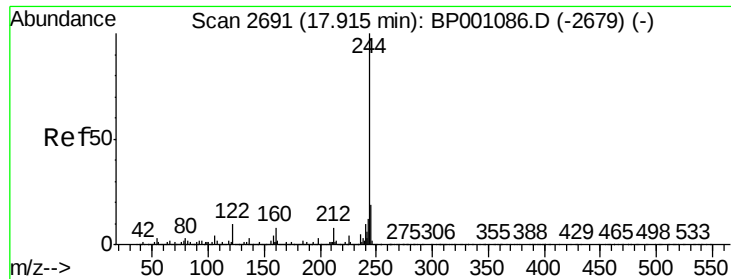
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#78
Pyrene
Concen: 8.503 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	19.2	13.8	20.8





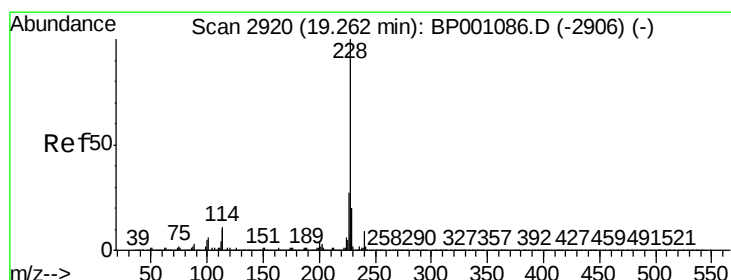
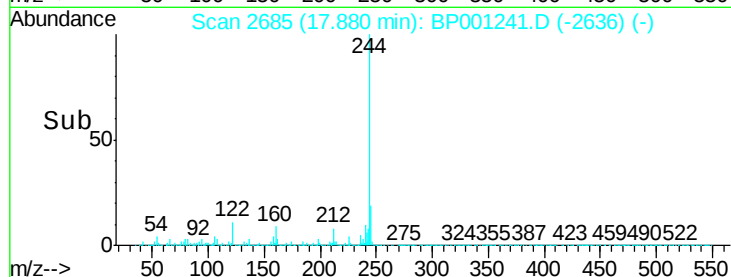
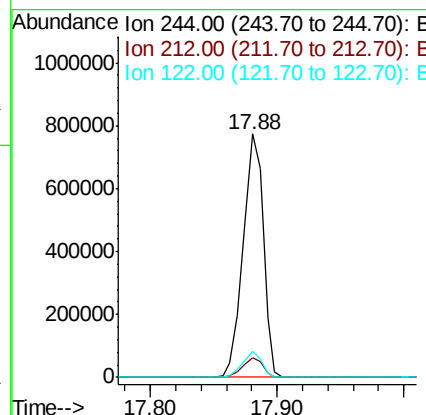
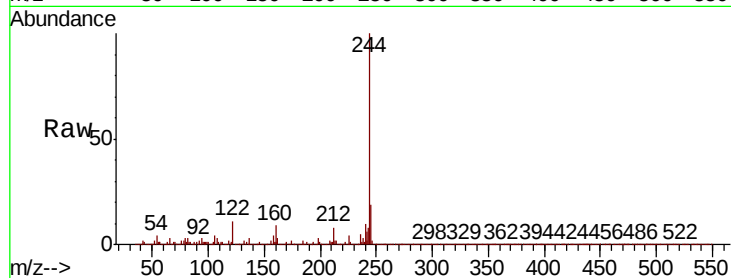
#79
 Terphenyl-d14
 Concen: 68.084 ng
 RT: 17.88 min Scan# 2685
 Delta R.T. -0.01 min
 Lab File: BP001241.D
 Acq: 06 Dec 2019 20:52

Instrument :
 BNA_P
 ClientSampled :
 TH-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	10.6	9.2	13.8

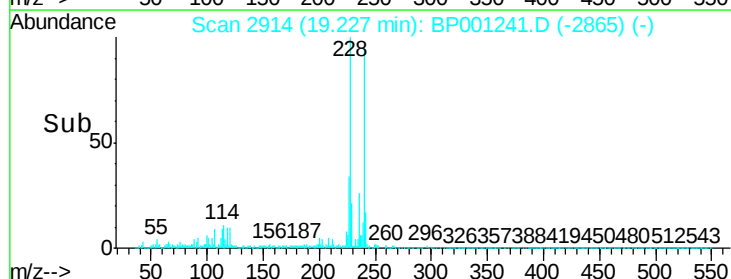
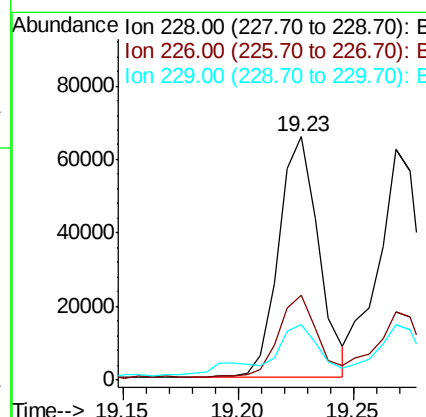
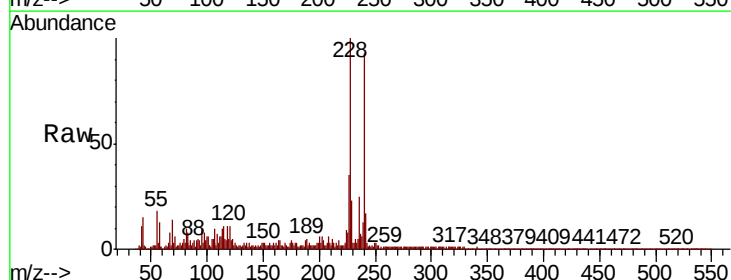
Manual Integrations
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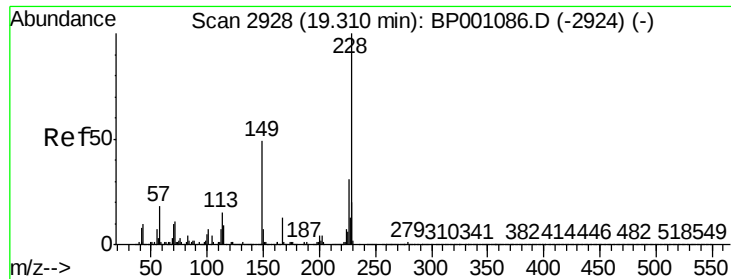
mohammad
 12/9/2019 3:10:56 PM



#81
 Benzo(a)anthracene
 Concen: 4.971 ng
 RT: 19.23 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: BP001241.D
 Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	21.7	32.5#
229	22.7	15.8	23.6





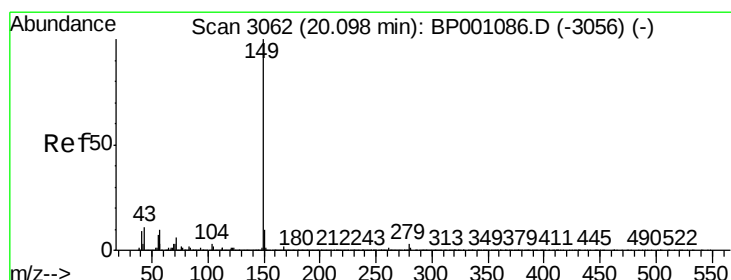
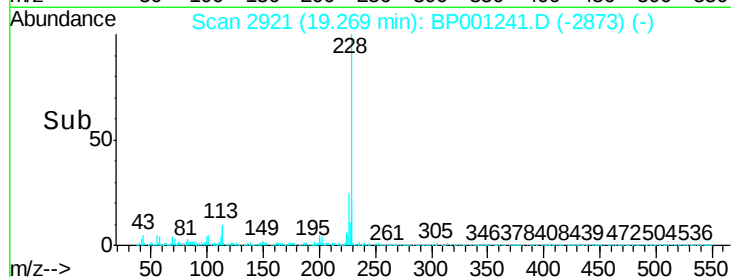
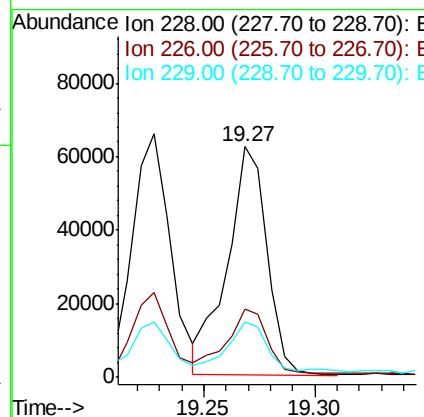
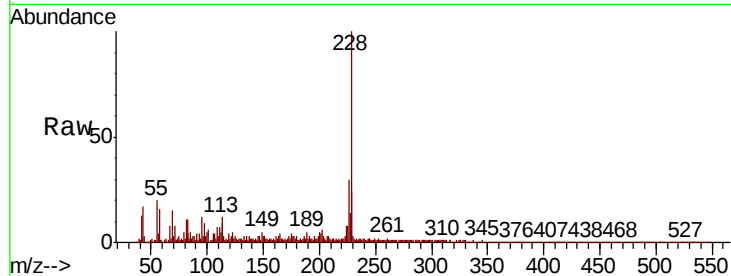
#83
Chrysene
Concen: 5.384 ng/ml
RT: 19.27 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampled :
TH-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	23.9	15.2	22.8

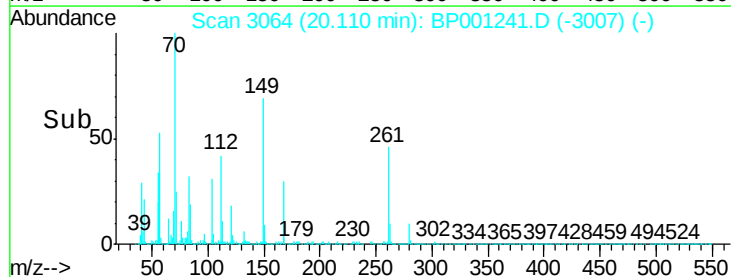
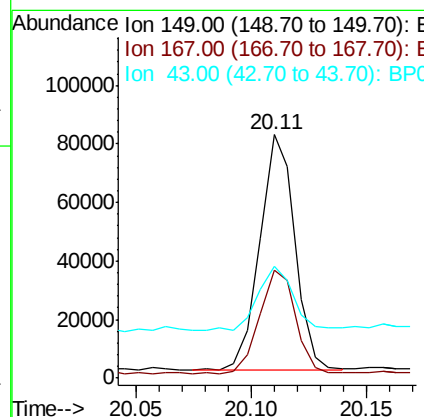
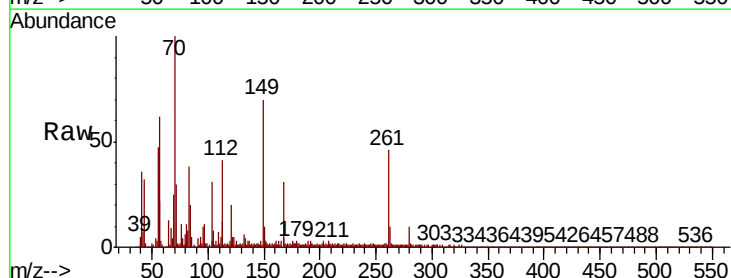
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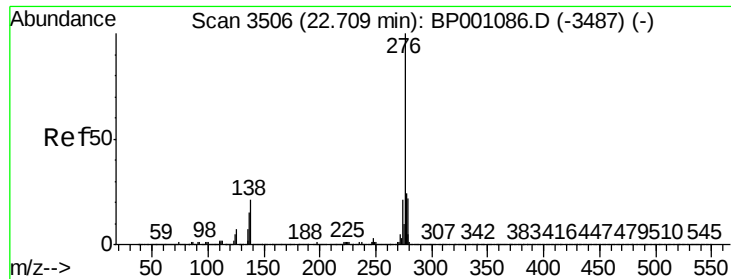
mohammad
12/9/2019 3:10:56 PM



#85
Di-n-octyl phthalate
Concen: 4.192 ng/ml
RT: 20.11 min Scan# 3064
Delta R.T. 0.04 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	44.9	1.3	1.9
43	26.6	9.1	13.7





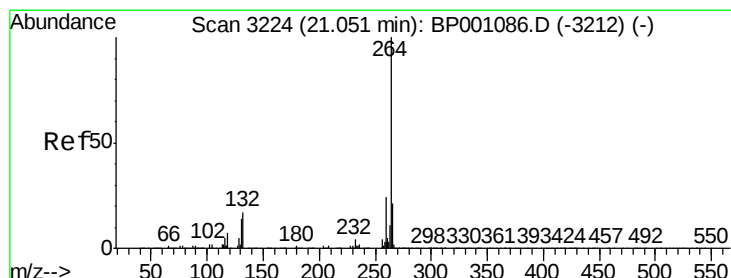
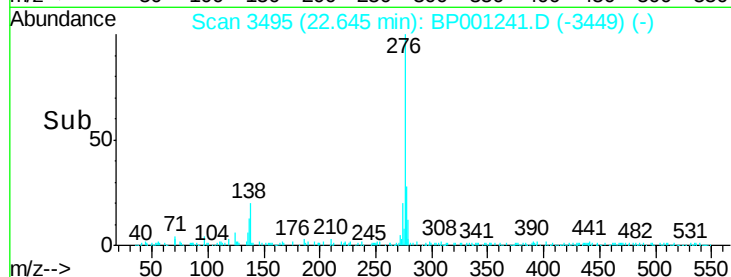
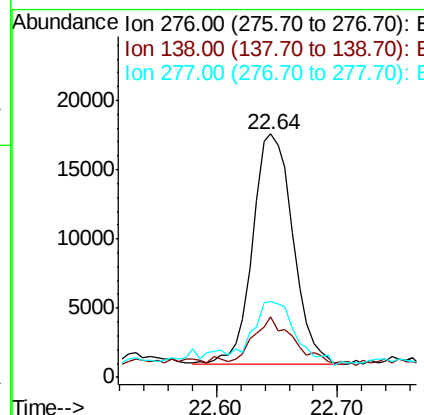
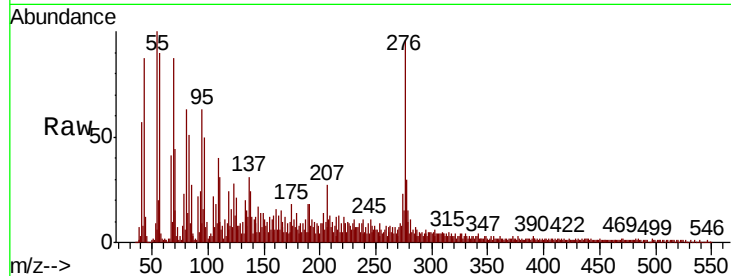
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.297 ng
RT: 22.64 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion:	276	Resp:	38617
Ion Ratio	Lower	Upper	
276	100		
138	19.2	17.9	26.9
277	28.8	20.1	30.1

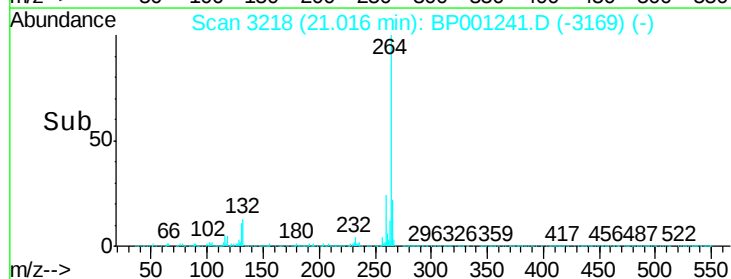
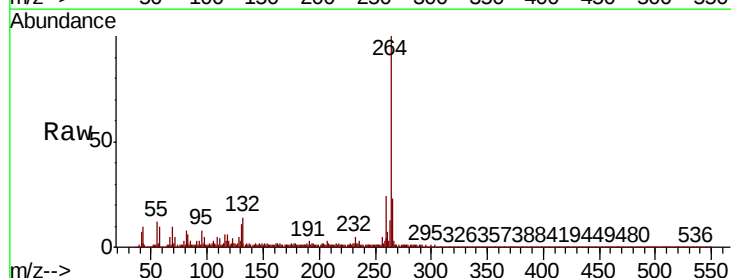
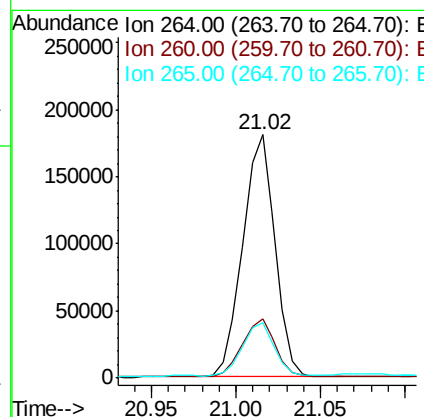
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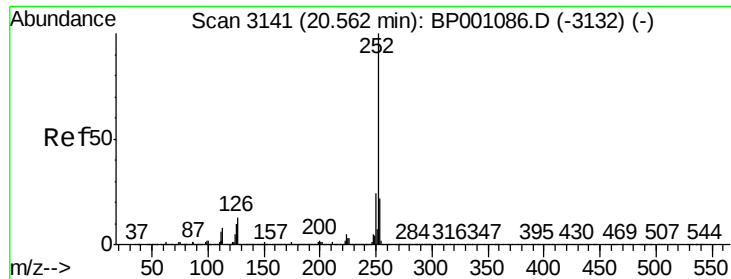
mohammad
12/9/2019 3:10:56 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:	264	Resp:	240208
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.0
265	22.9	17.1	25.7





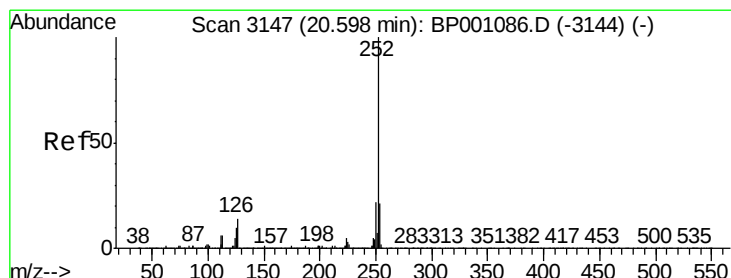
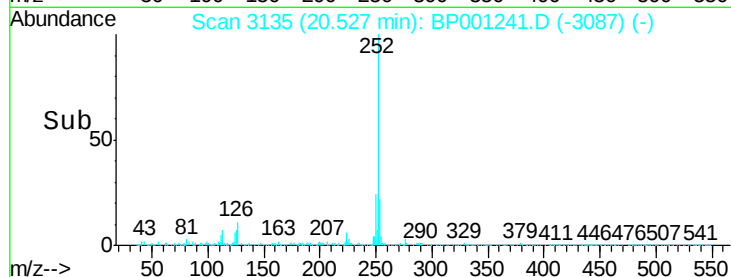
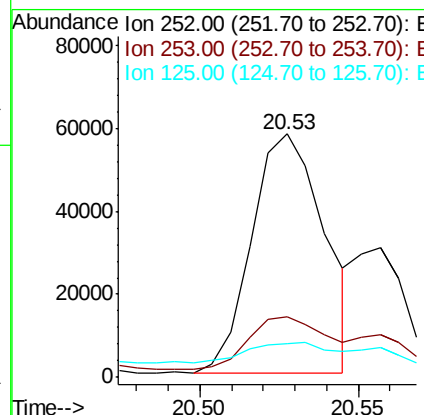
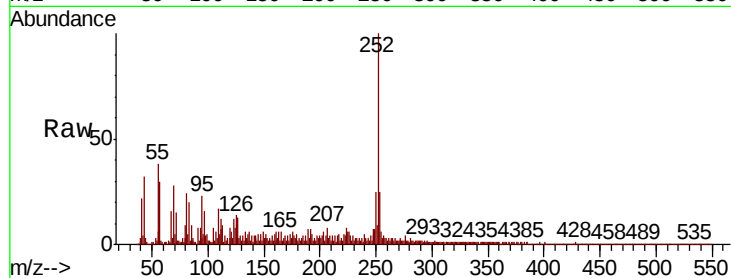
#88
Benzo(b)fluoranthene
Concen: 6.302 ng m
RT: 20.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	14.0	6.6	9.8#

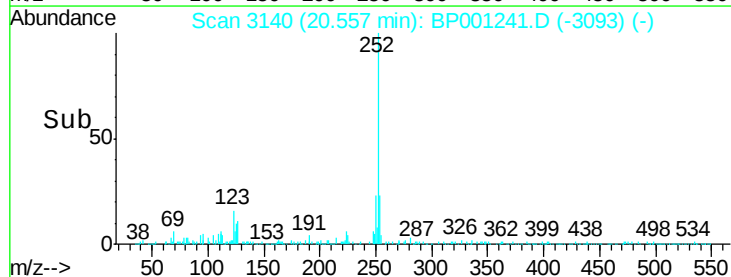
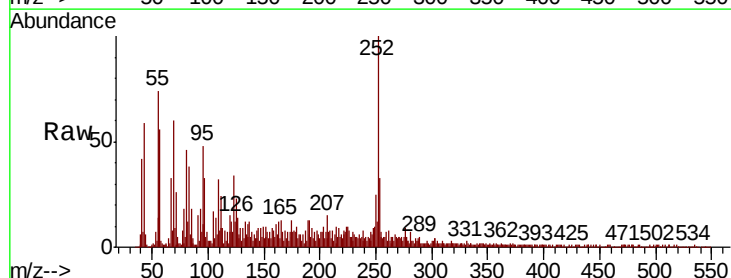
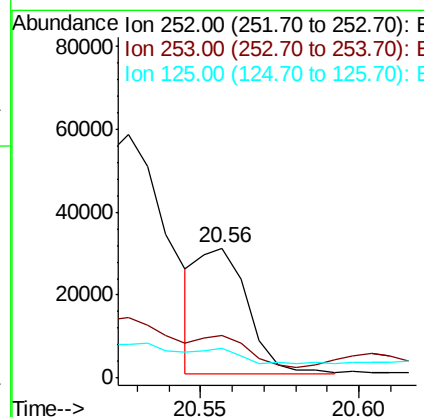
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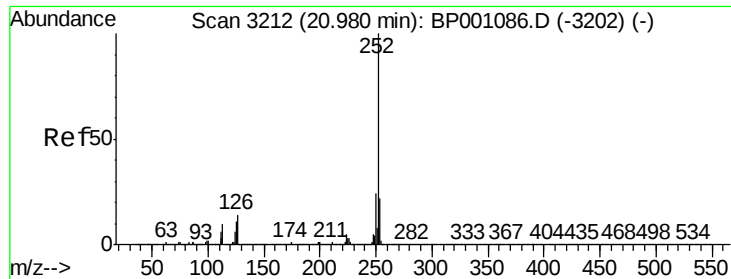
mohammad
12/9/2019 3:10:56 PM



#89
Benzo(k)fluoranthene
Concen: 2.355 ng m
RT: 20.56 min Scan# 3140
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.2	25.8#
125	22.6	6.2	9.4#





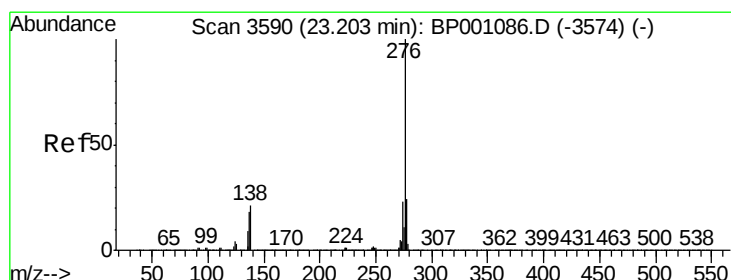
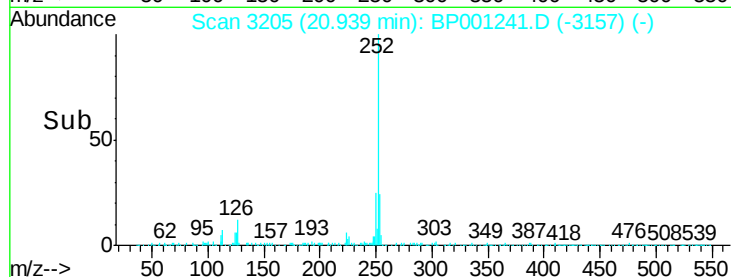
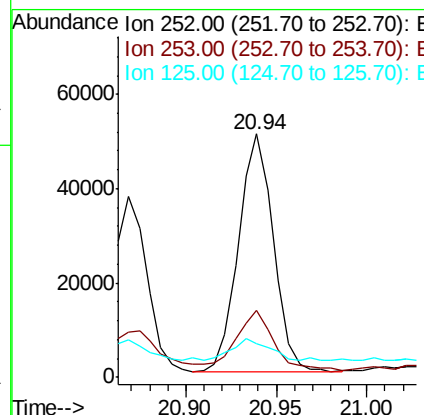
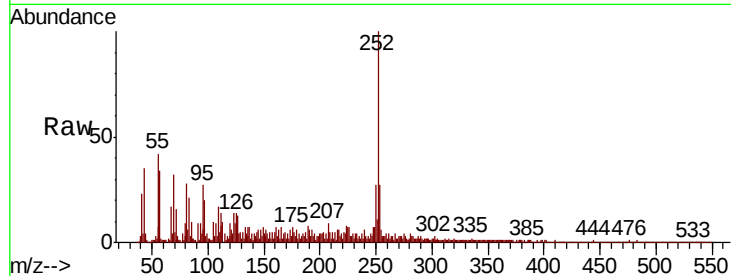
#90
Benzo(a)pyrene
Concen: 4.978 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :
TH-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	16.8	25.2#
125	13.8	7.8	11.6#

Manual Integrations
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mohammad
12/9/2019 3:10:56 PM



#92
Benzo(g,h,i)perylene
Concen: 3.047 ng
RT: 23.13 min Scan# 3578
Delta R.T. -0.04 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	25.3	15.6	23.4#

