

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001242.D
 Acq On : 06 Dec 2019 21:21
 Operator : JU
 Sample : K6135-04 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-35

Manual Integrations
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Quant Time: Dec 07 02:53:44 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	79839	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	301025	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	174558	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	328971	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	248210	20.00	ng	-0.02
87) Perylene-d12	21.02	264	263257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	191299	39.75	ng	0.00
7) Phenol-d6	7.75	99	266342	41.54	ng	-0.01
23) Nitrobenzene-d5	9.18	82	182325	26.28	ng	-0.02
42) 2,4,6-Tribromophenol	14.49	330	57006	34.07	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	329539	27.63	ng	-0.02
79) Terphenyl-d14	17.88	244	381040	28.40	ng	-0.01
Target Compounds						
50) Dimethylphthalate	12.79	163	39316	3.012	ng	Qvalue 100
71) Phenanthrene	15.63	178	259055	14.979	ng	99
72) Anthracene	15.71	178	74383	4.363	ng	98
75) Fluoranthene	17.35	202	333911	18.237	ng	100
78) Pyrene	17.65	202	291956	14.934	ng	97
81) Benzo(a)anthracene	19.23	228	147567	8.575	ng	96
83) Chrysene	19.27	228	131101m	8.507	ng	
86) Indeno(1,2,3-cd)pyrene	22.64	276	66948	3.686	ng	95
88) Benzo(b)fluoranthene	20.53	252	171343m	10.656	ng	
89) Benzo(k)fluoranthene	20.56	252	45961m	2.968	ng	
90) Benzo(a)pyrene	20.94	252	122632	8.280	ng	# 91
92) Benzo(a,h,i)perylene	23.13	276	62959	4.399	ng	98

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

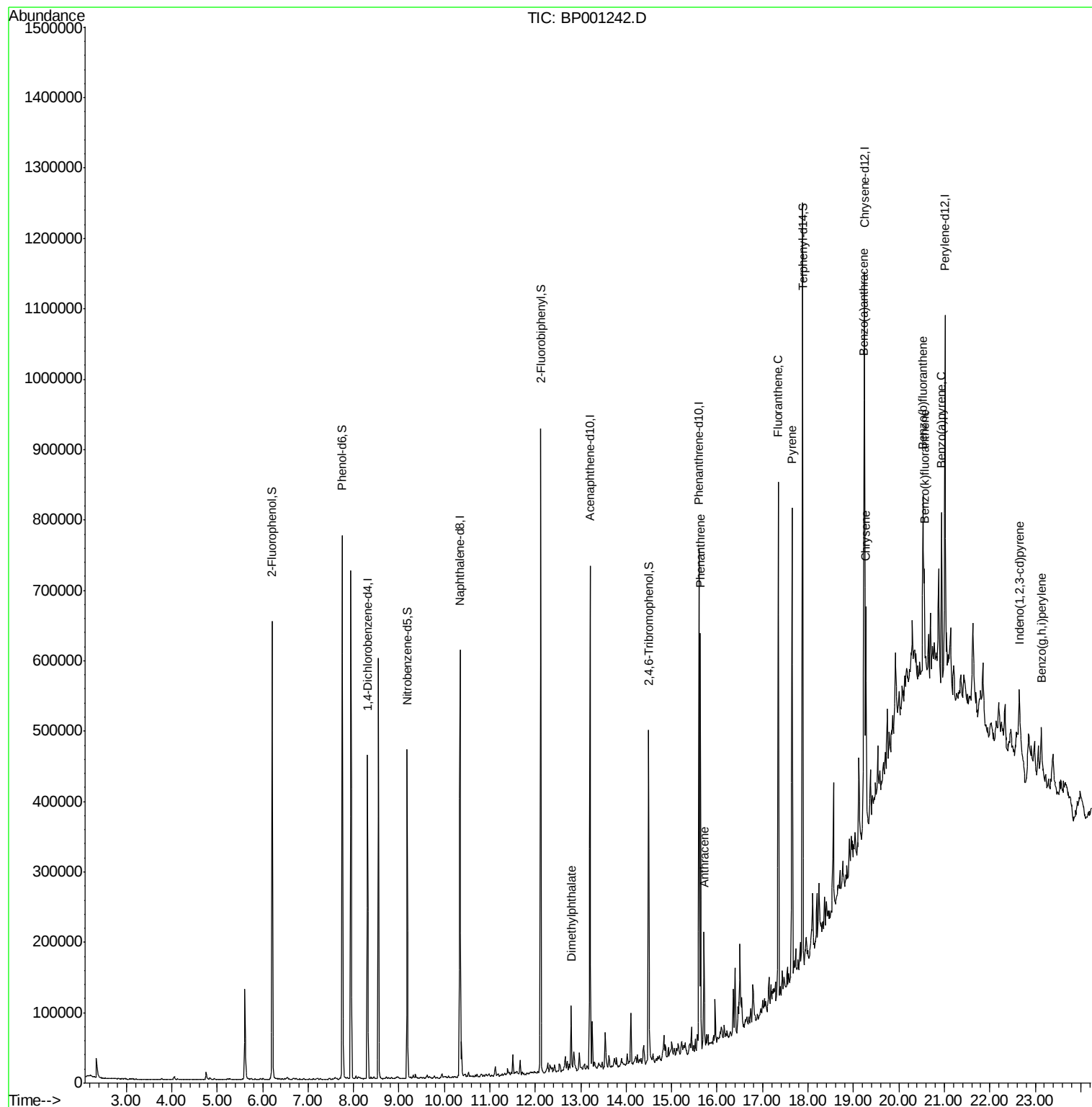
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
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ALS Vial : 17 Sample Multiplier: 1

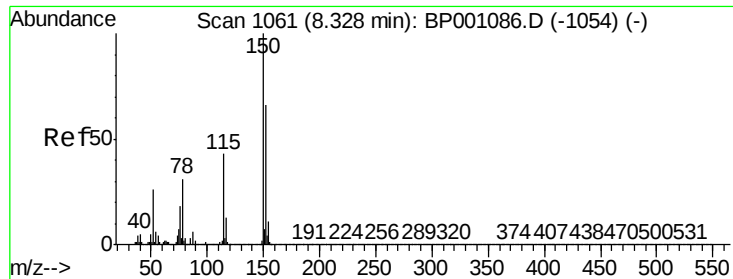
Instrument :
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COMP-35

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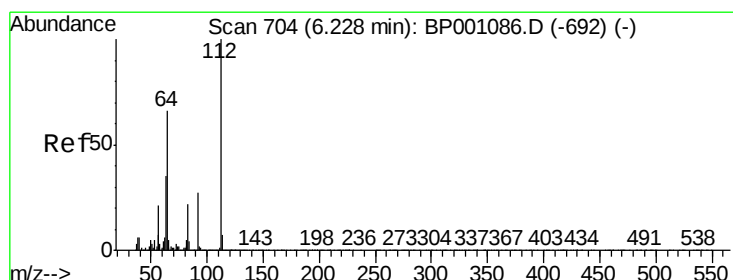
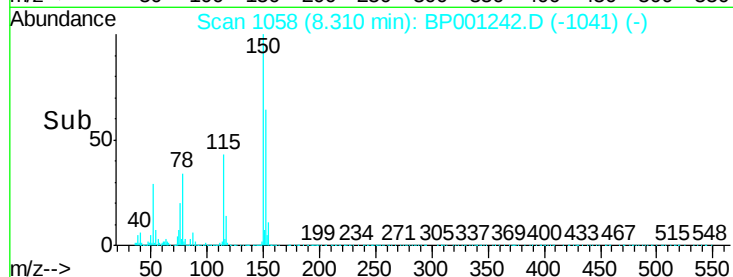
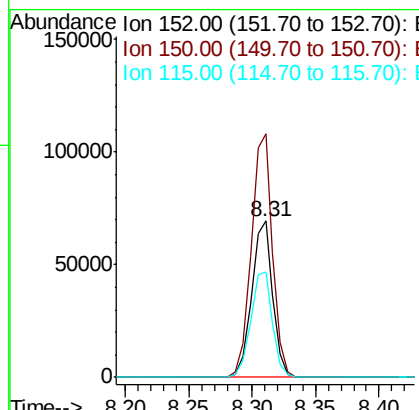
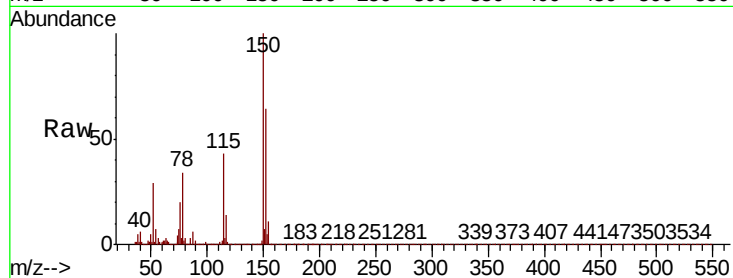
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001242.D
 Acq: 06 Dec 2019 21:21

Instrument :
 BNA_P
 ClientSampled :
 COMP-35

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	67.8	56.0	84.0

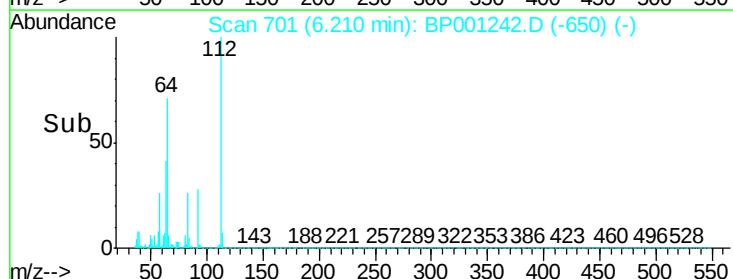
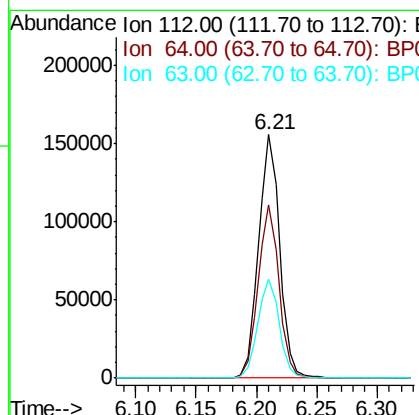
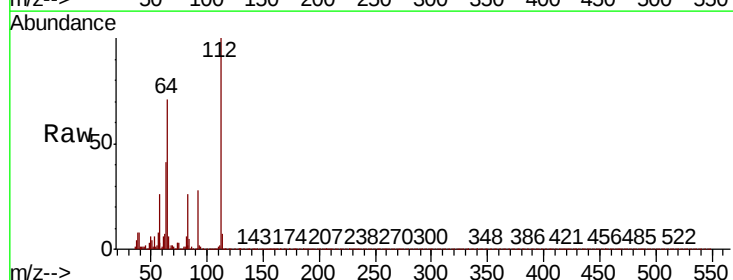
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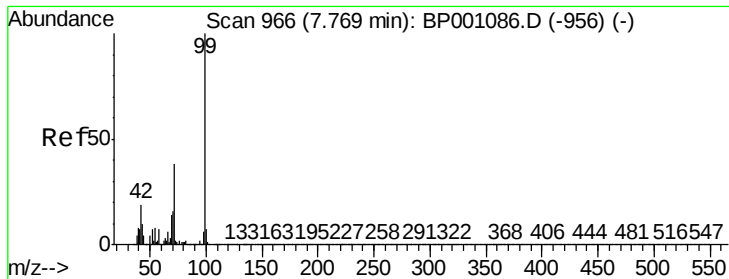
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#5
 2-Fluorophenol
 Concen: 39.753 ng
 RT: 6.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BP001242.D
 Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.8	85.2
63	40.8	32.2	48.2





#7

Phenol-d6

Concen: 41.544 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001242.D

Acq: 06 Dec 2019 21:21

Instrument :

BNA_P

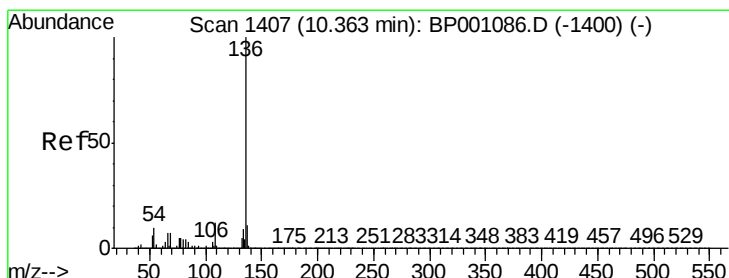
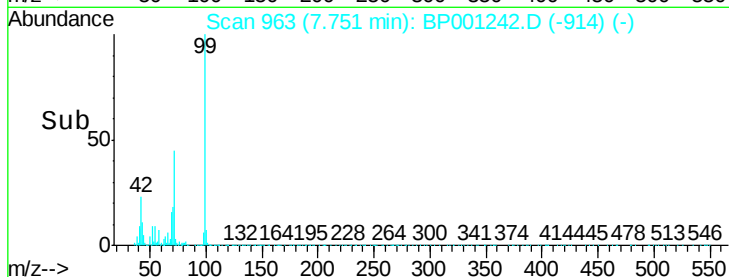
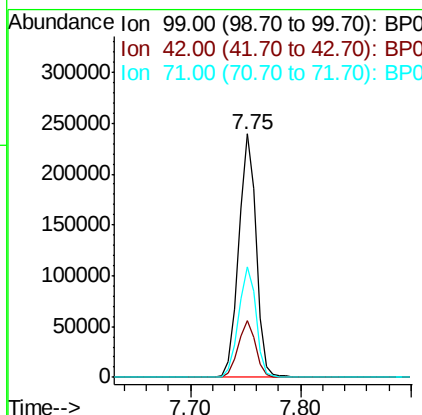
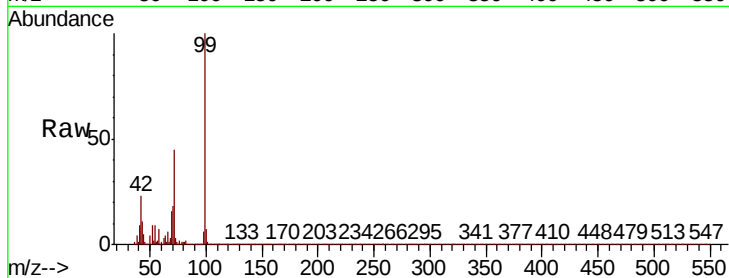
ClientSampleId :

COMP-35

Tot Ion:	99	Resp:	266342
Ion Ratio	Lower	Upper	
99	100		
42	23.3	17.6	26.4
71	45.4	33.8	50.8

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#21

Naphthalene-d8

Concen: 20.000 ng

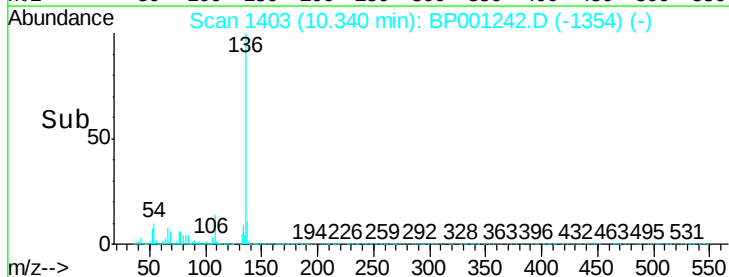
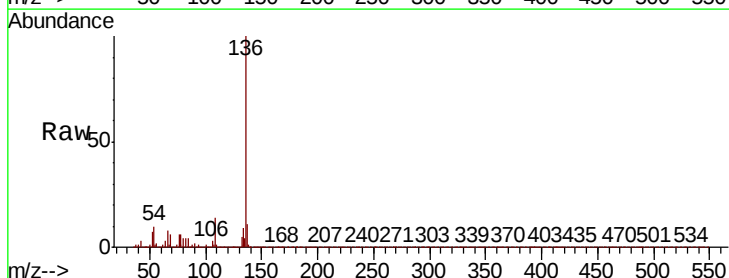
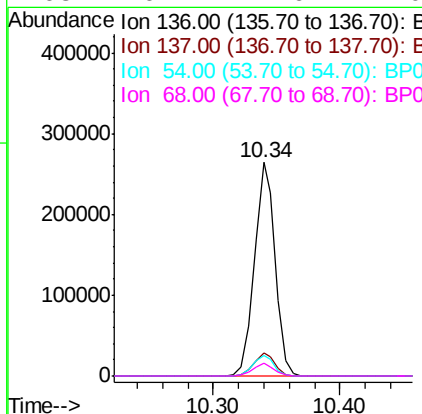
RT: 10.34 min Scan# 1403

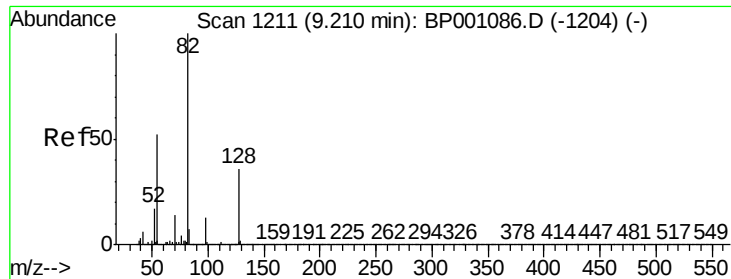
Delta R.T. -0.01 min

Lab File: BP001242.D

Acq: 06 Dec 2019 21:21

Tgt Ion:	136	Resp:	301025
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	9.8	7.4	11.0
68	6.1	4.6	7.0





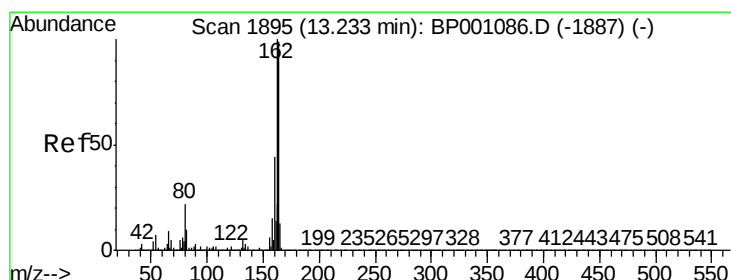
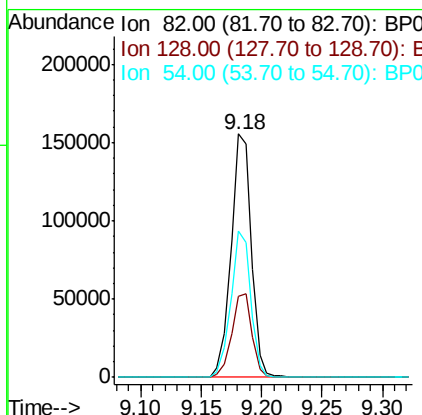
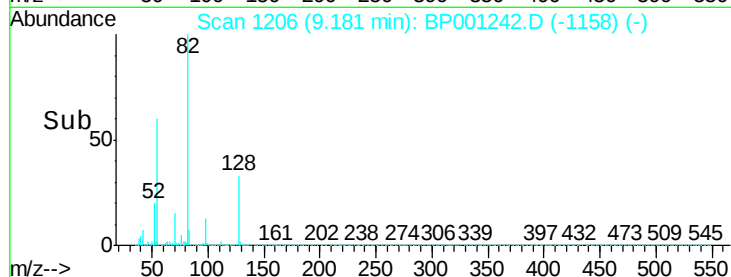
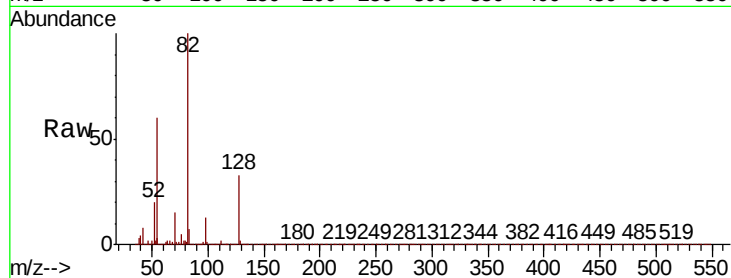
#23
Nitrobenzene-d5
Concen: 26.278 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Instrument :
BNA_P
ClientSampleId :
COMP-35

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	27.5	41.3
54	59.9	45.7	68.5

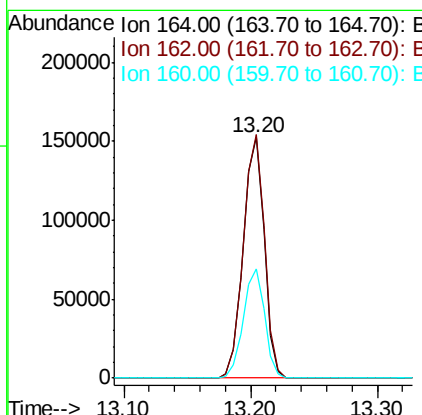
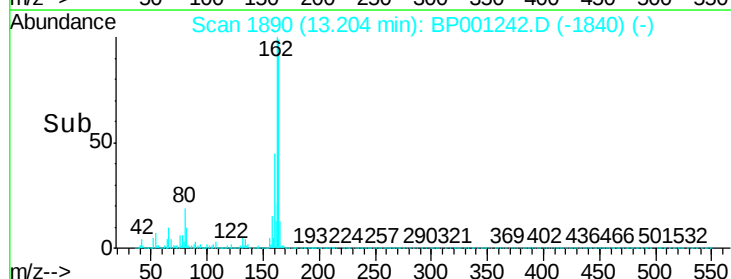
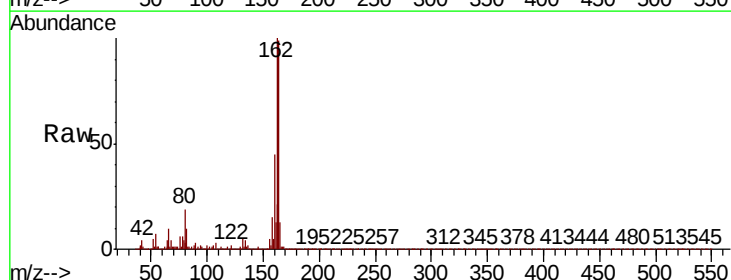
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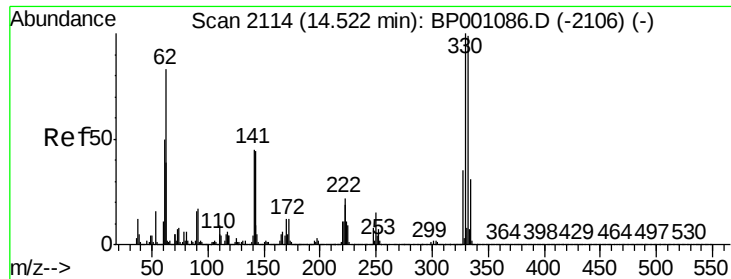
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.7	121.1
160	45.6	36.3	54.5





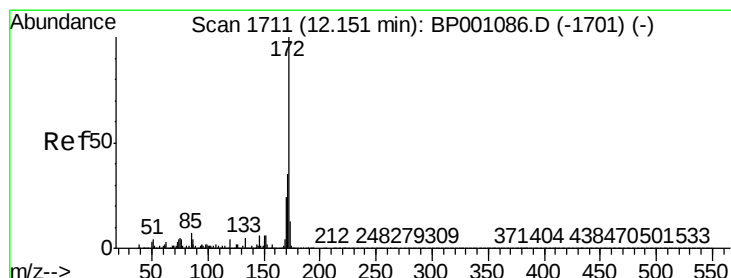
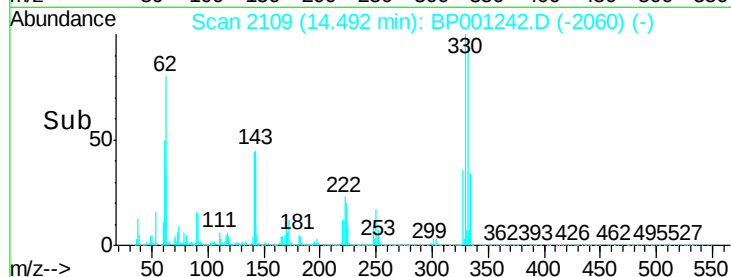
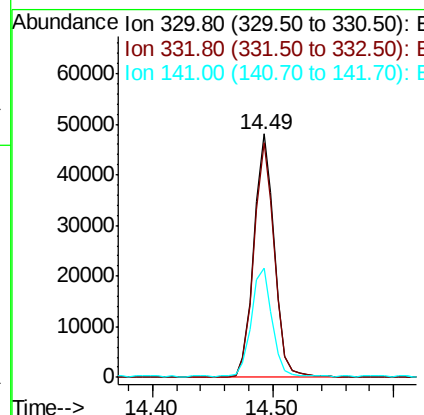
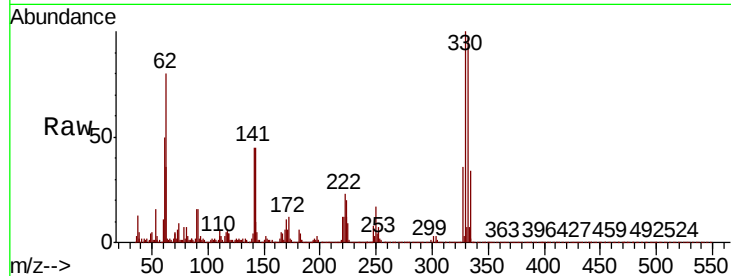
#42
 2,4,6-Tribromophenol
 Concen: 34.071 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BP001242.D
 Acq: 06 Dec 2019 21:21

Instrument :
 BNA_P
 ClientSampleId :
 COMP-35

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	45.1	35.9	53.9

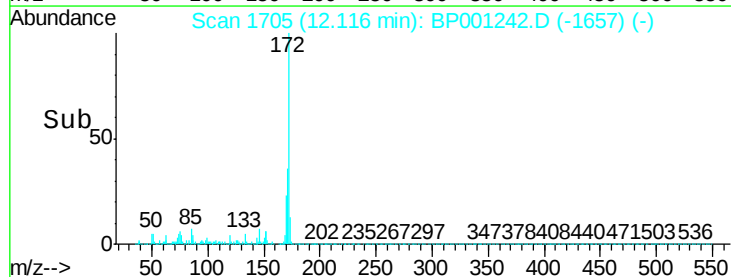
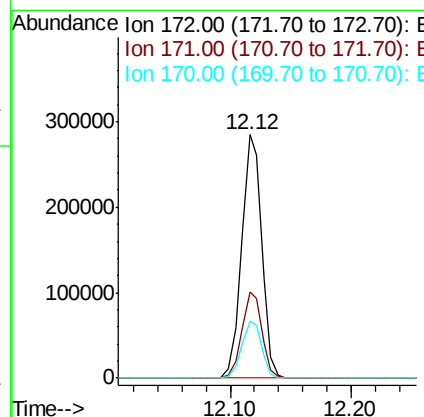
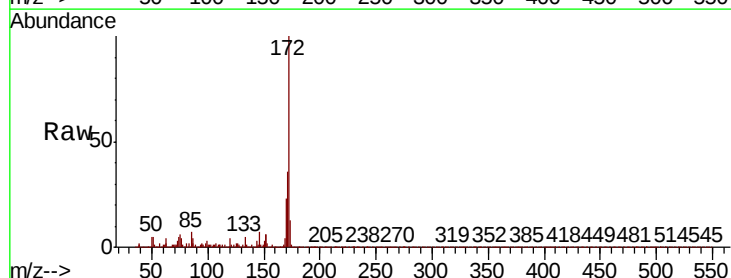
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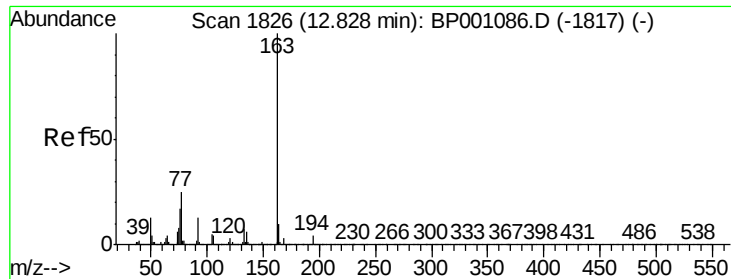
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#45
 2-Fluorobiphenyl
 Concen: 27.630 ng
 RT: 12.12 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BP001242.D
 Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.4	19.2	28.8





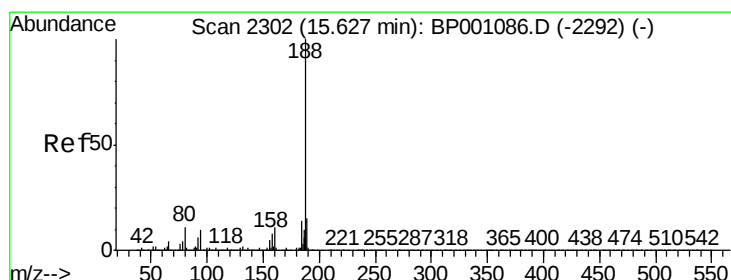
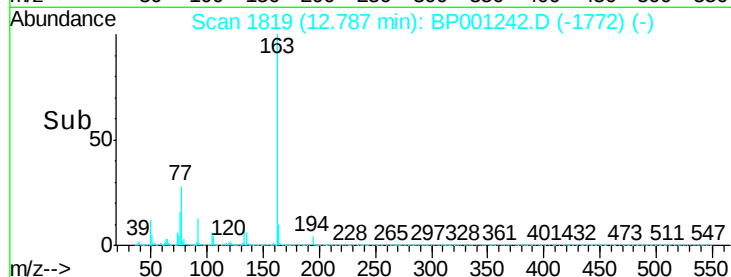
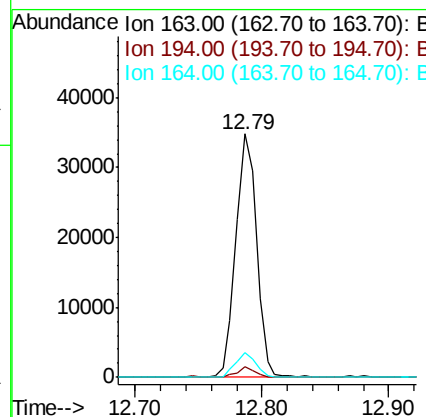
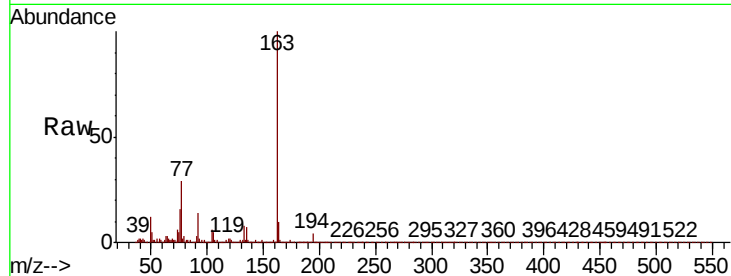
#50
Dimethylphthalate
Concen: 3.012 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Instrument :
BNA_P
ClientSampleId :
COMP-35

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.4	8.2	12.4

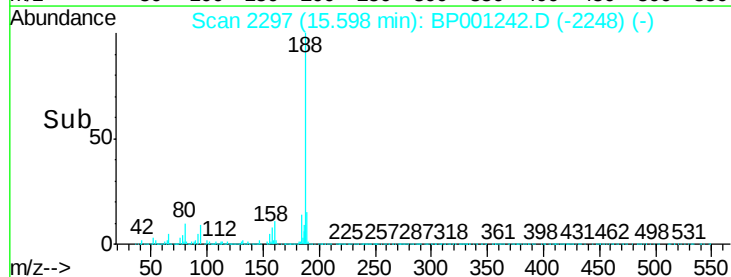
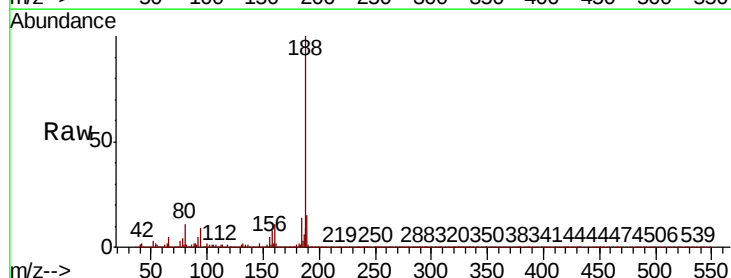
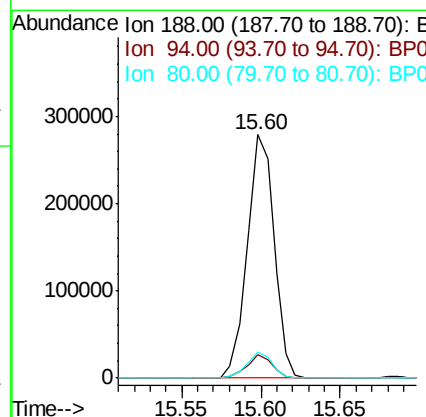
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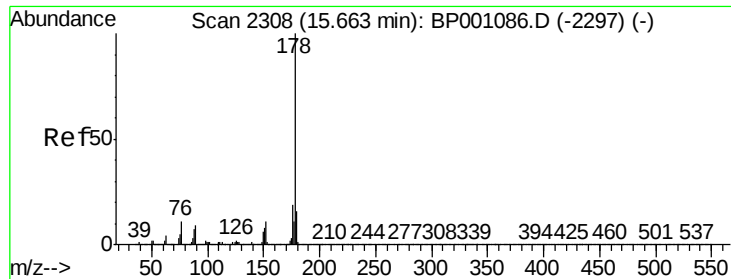
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.5	7.8	11.6





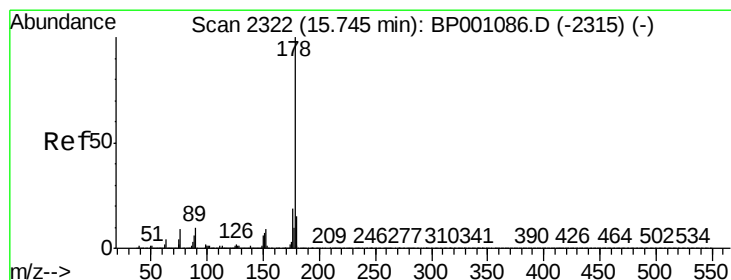
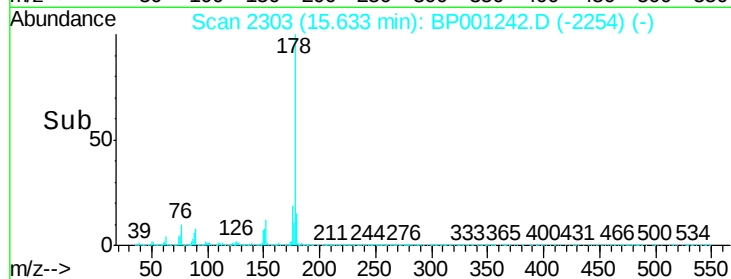
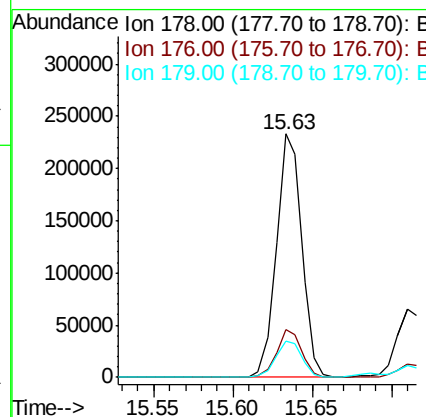
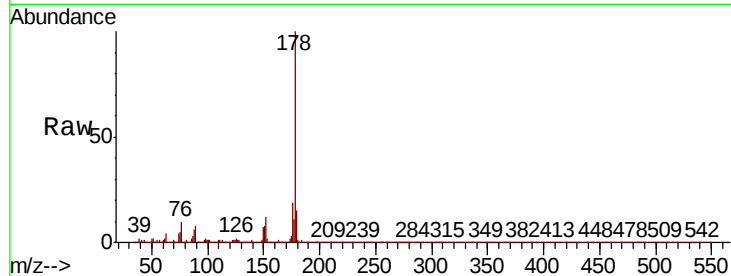
#71
Phenanthrene
Concen: 14.979 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Instrument :
BNA_P
ClientSampleId :
COMP-35

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.1	12.4	18.6

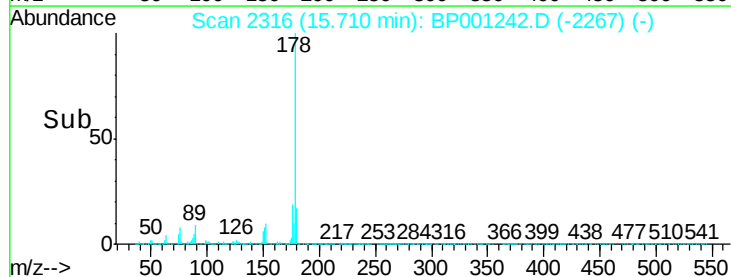
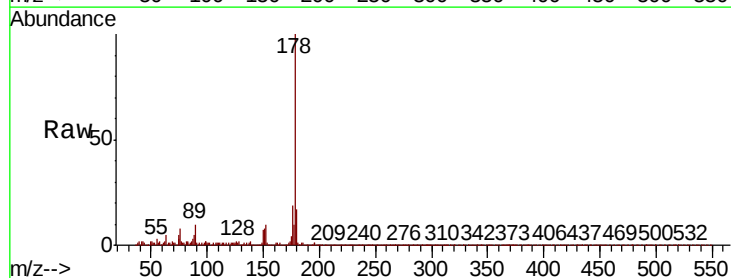
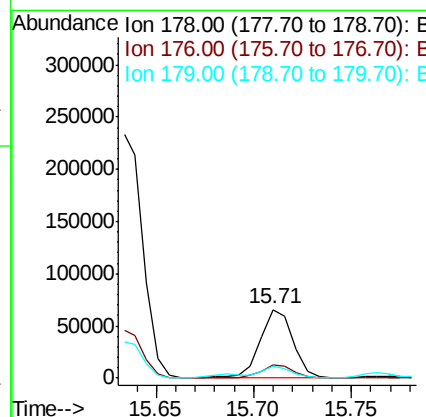
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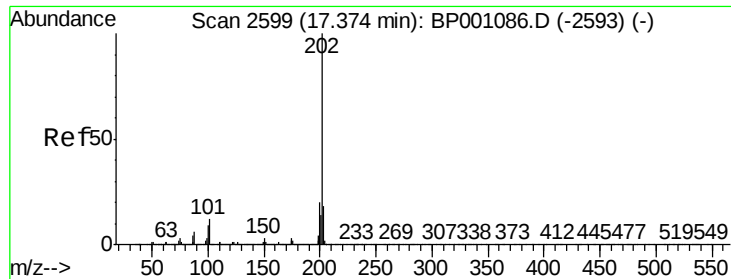
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#72
Anthracene
Concen: 4.363 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	17.4	12.7	19.1





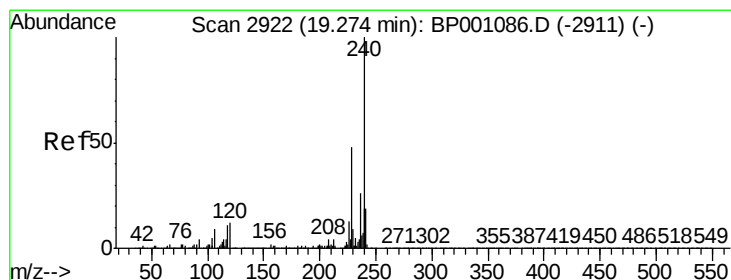
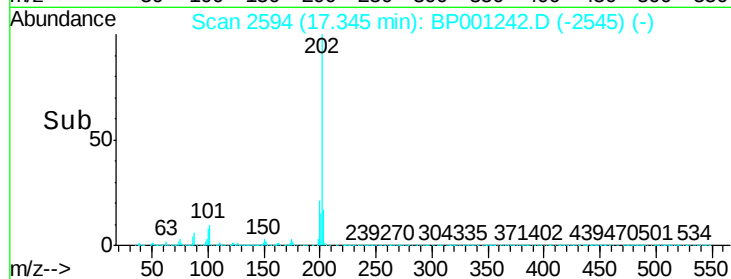
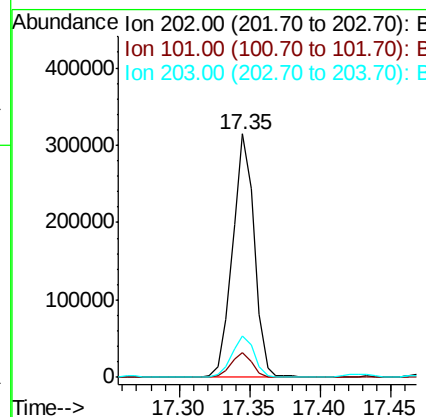
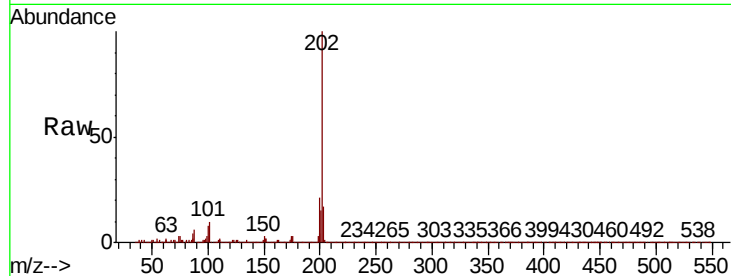
#75
 Fluoranthene
 Concen: 18.237 ng
 RT: 17.35 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BP001242.D
 Acq: 06 Dec 2019 21:21

Instrument :
 BNA_P
 ClientSampleId :
 COMP-35

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	10.2	0.0	30.0	
203	17.2	0.0	37.1	

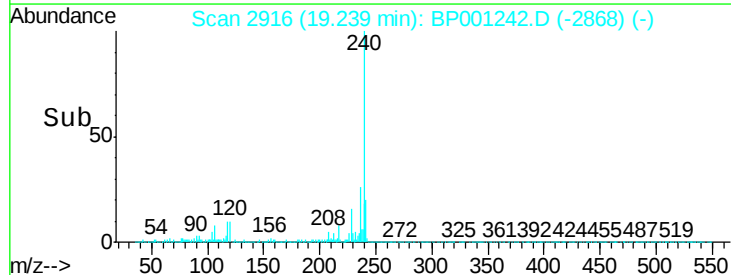
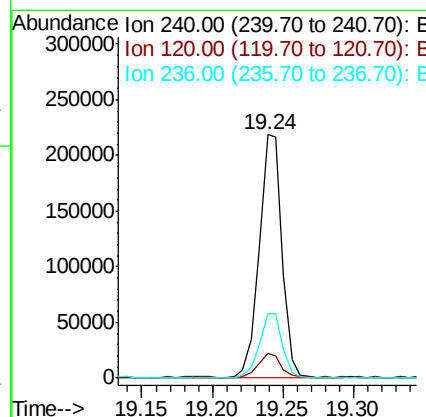
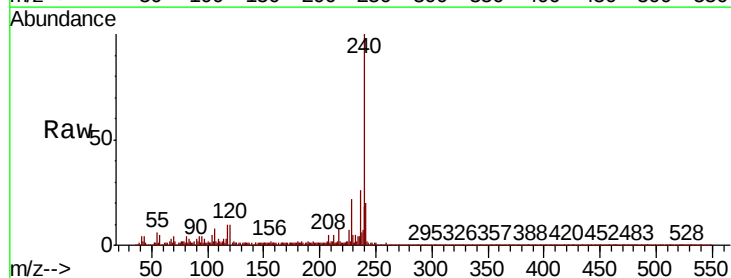
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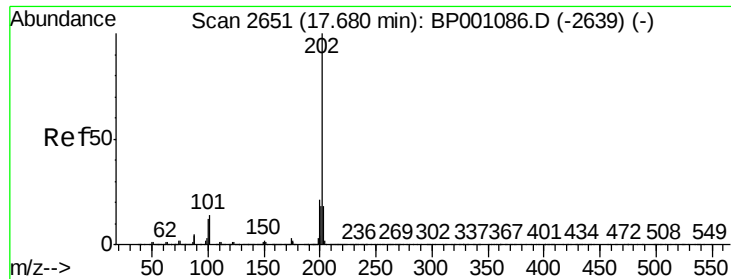
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.24 min Scan# 2916
 Delta R.T. -0.02 min
 Lab File: BP001242.D
 Acq: 06 Dec 2019 21:21

Tgt Ion	Ion	Ratio	Resp Lower	Upper
240	100			
120	10.0	7.0	10.6	
236	26.4	21.7	32.5	





#78

Pvrene

Concen: 14.934 ng

RT: 17.65 min Scan# 2646

Delta R.T. -0.01 min

Lab File: BP001242.D

Acq: 06 Dec 2019 21:21

Instrument :

BNA_P

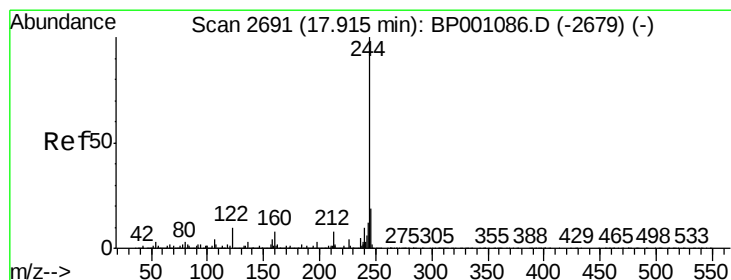
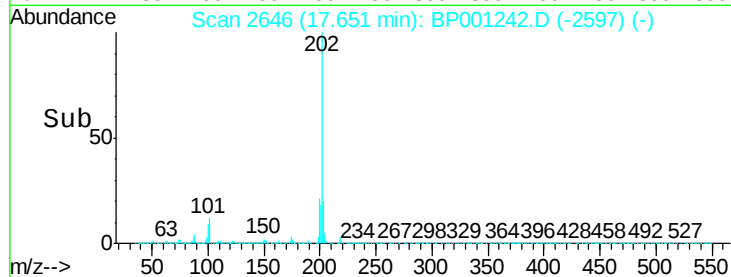
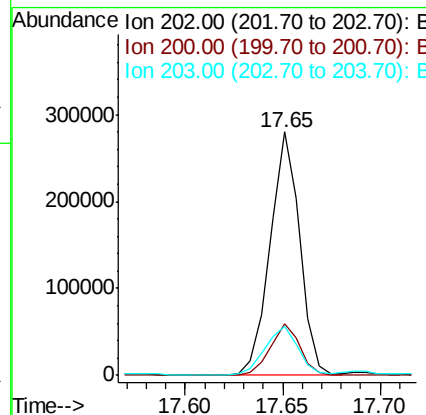
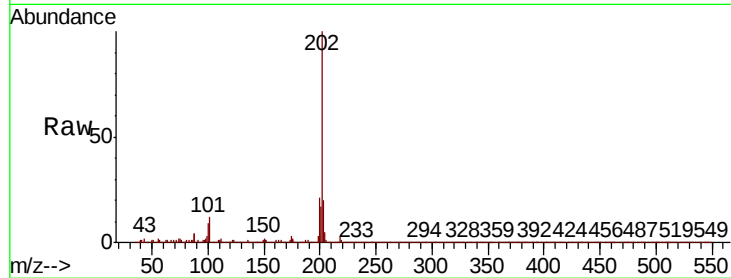
ClientSampleId :

COMP-35

Tot Ion:	202	Resp:	291956
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.3	25.9
203	20.3	13.8	20.8

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12/9/2019 3:10:59 PM



#79

Terphenyl-d14

Concen: 28.402 ng

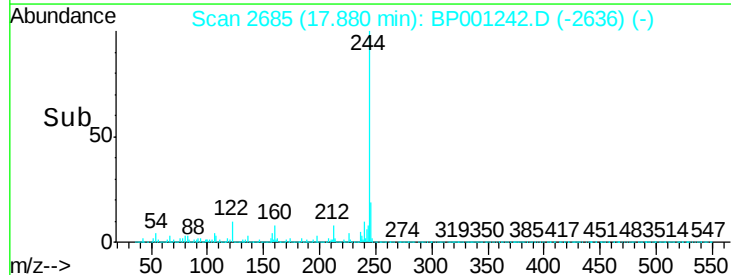
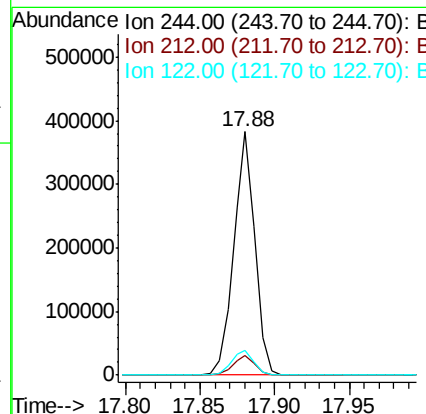
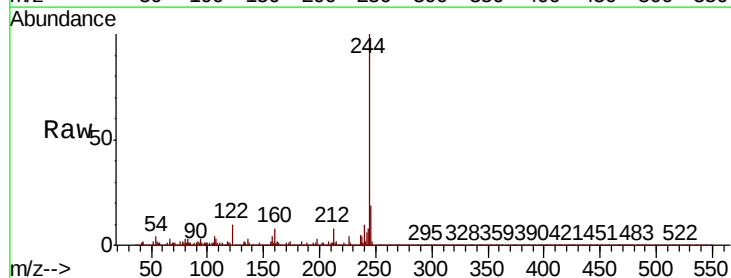
RT: 17.88 min Scan# 2685

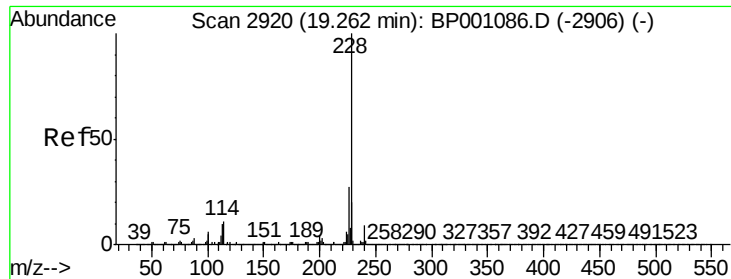
Delta R.T. -0.01 min

Lab File: BP001242.D

Acq: 06 Dec 2019 21:21

Tgt Ion:	244	Resp:	381040
Ion Ratio		Lower	Upper
244	100		
212	8.1	6.6	9.8
122	10.1	9.2	13.8





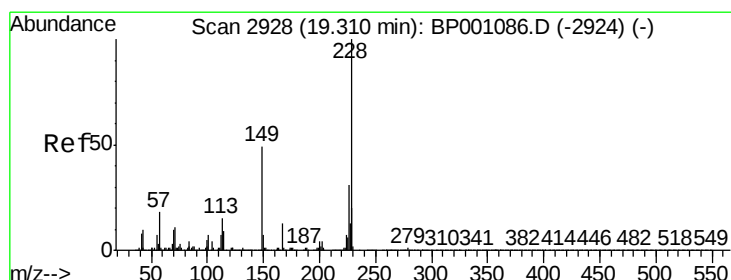
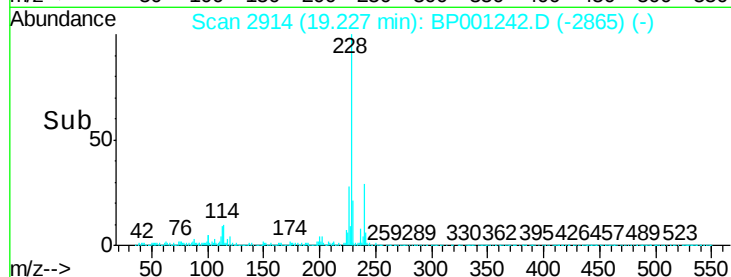
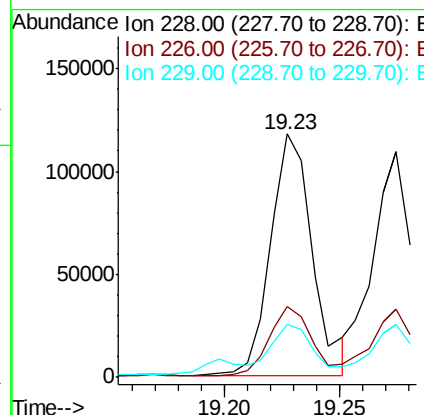
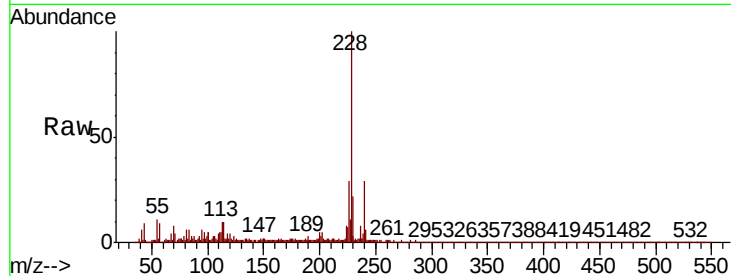
#81
Benzo(a)anthracene
Concen: 8.575 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Instrument :
BNA_P
ClientSampleId :
COMP-35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.0	21.7	32.5		
229	22.0	15.8	23.6		

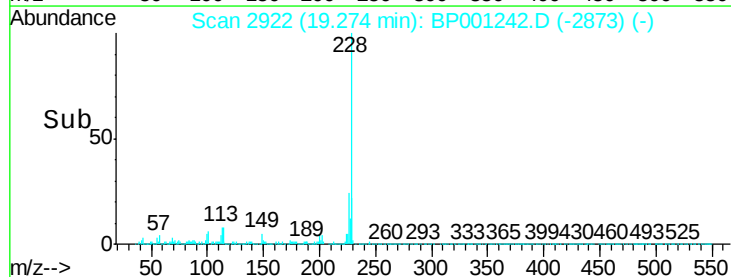
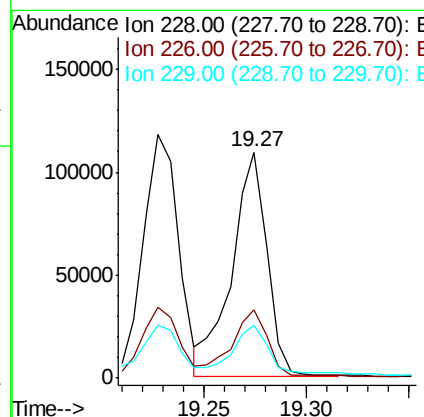
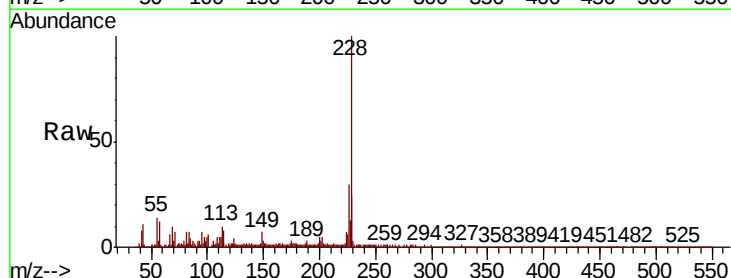
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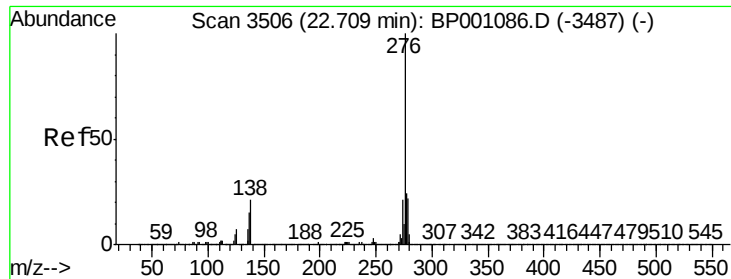
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#83
Chrysene
Concen: 8.507 ng m
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.2	23.7	35.5		
229	23.6	15.2	22.8		





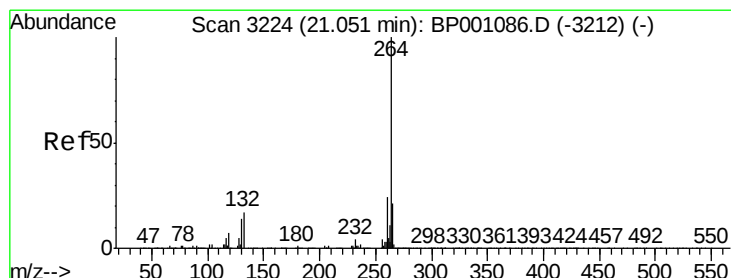
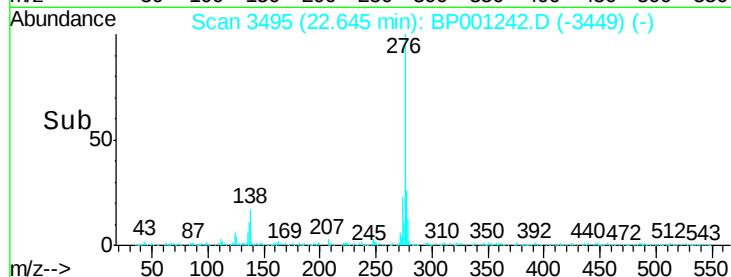
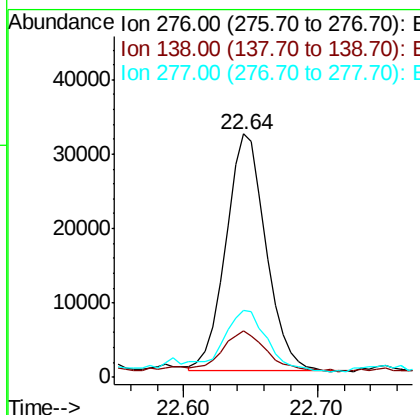
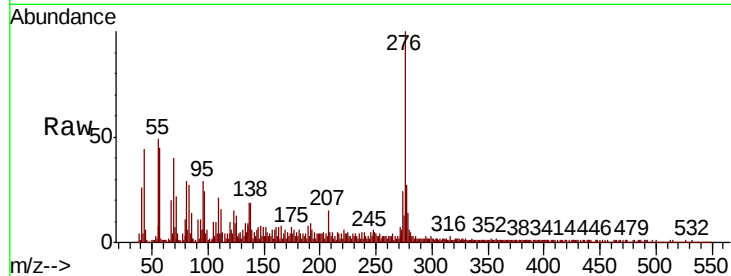
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.686 ng
RT: 22.64 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Instrument :
BNA_P
ClientSampleId :
COMP-35

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.9	26.9
277	26.5	20.1	30.1

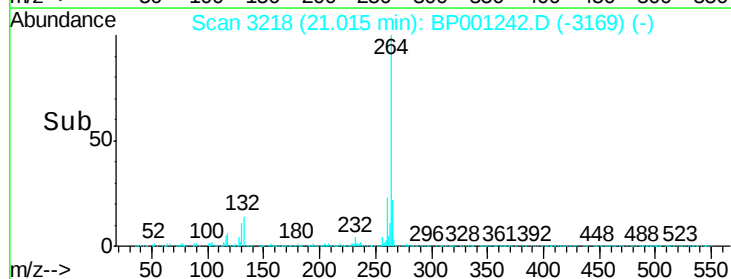
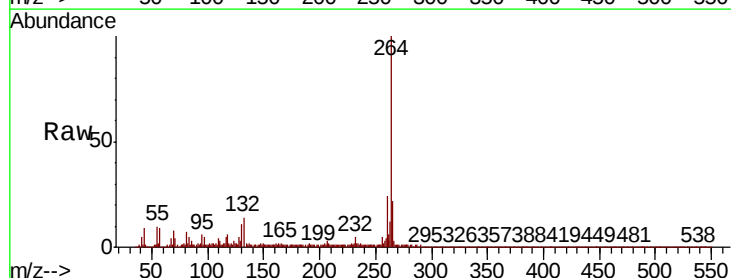
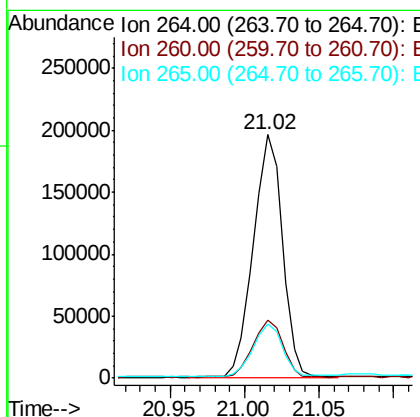
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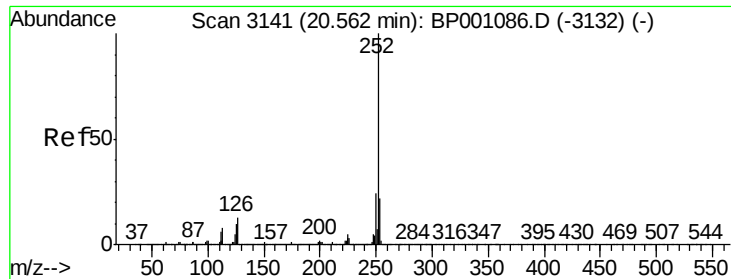
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12/9/2019 3:10:59 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.2	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 10.656 ng m

RT: 20.53 min Scan# 3135

Delta R.T. -0.02 min

Lab File: BP001242.D

Acq: 06 Dec 2019 21:21

Instrument :

BNA_P

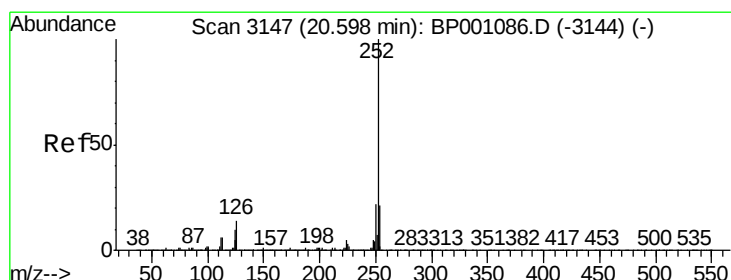
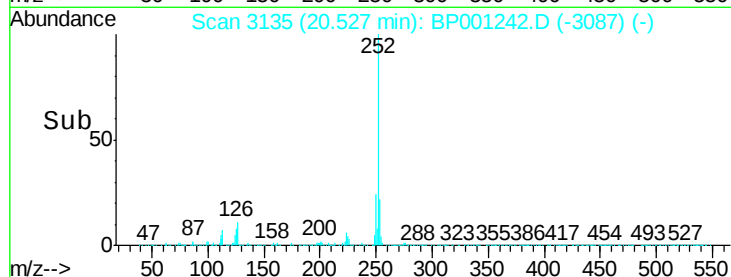
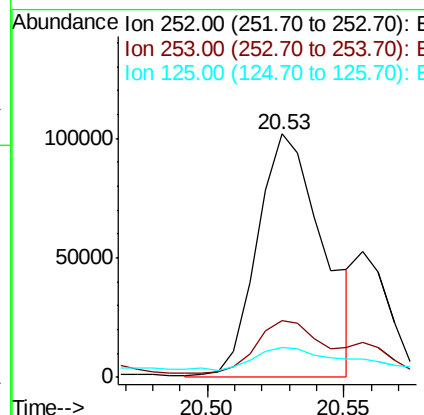
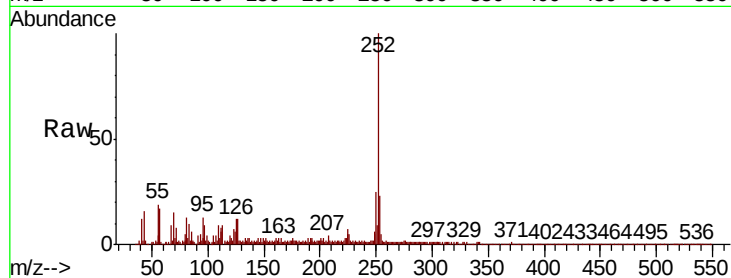
ClientSampled :

COMP-35

Tot Ion:	252	Resp:	171343
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	12.0	6.6	9.8#

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12/9/2019 3:10:59 PM



#89

Benzo(k)fluoranthene

Concen: 2.968 ng m

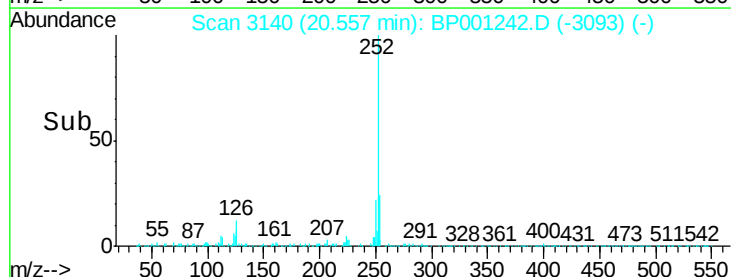
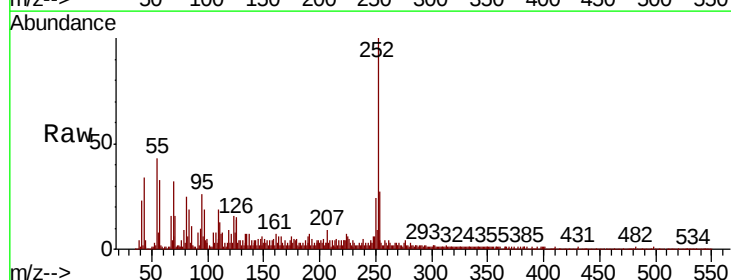
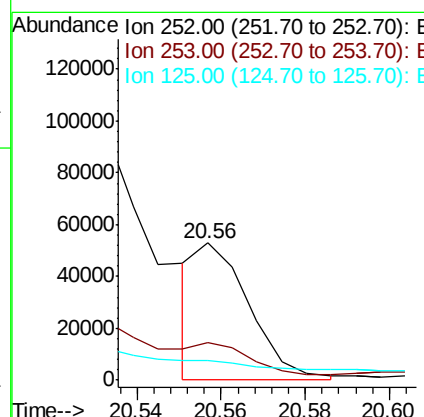
RT: 20.56 min Scan# 3140

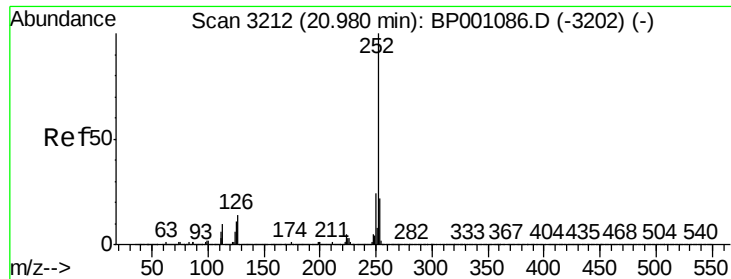
Delta R.T. -0.02 min

Lab File: BP001242.D

Acq: 06 Dec 2019 21:21

Tgt Ion:	252	Resp:	45961
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.2	25.8#
125	14.5	6.2	9.4#





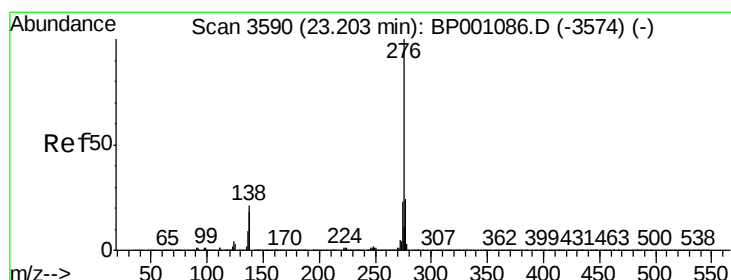
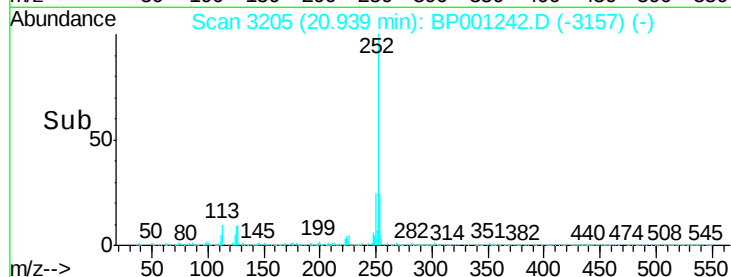
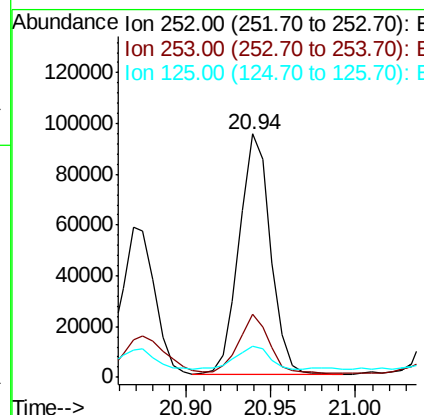
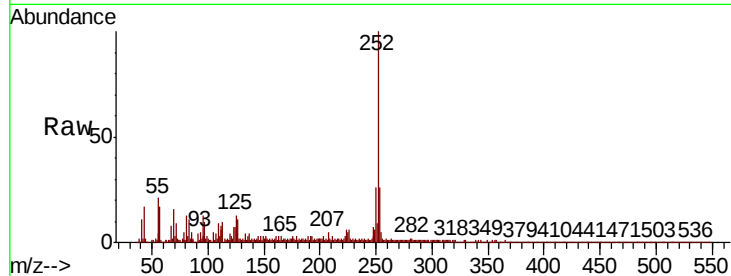
#90
Benzo(a)pyrene
Concen: 8.280 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Instrument :
BNA_P
ClientSampleId :
COMP-35

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.8	25.2#
125	12.5	7.8	11.6#

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#92
Benzo(g,h,i)perylene
Concen: 4.399 ng
RT: 23.13 min Scan# 3578
Delta R.T. -0.04 min
Lab File: BP001242.D
Acq: 06 Dec 2019 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	19.8	15.6	23.4

