

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001225.D
 Acq On : 05 Dec 2019 21:56
 Operator : JU
 Sample : K6120-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TH-5

Manual Integrations
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Quant Time: Dec 06 07:53:17 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	8.32	152	84619	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	303124	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	170473	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	332752	20.00	ng	0.00
76) Chrysene-d12	19.25	240	258961	20.00	ng	-0.01
87) Perylene-d12	21.02	264	277242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	524228	102.78	ng	0.01
7) Phenol-d6	7.76	99	713007	104.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	486366	69.61	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	186711	114.27	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	800978	68.77	ng	0.00
79) Terphenyl-d14	17.89	244	924429	66.04	ng	0.00
Target Compounds						
10) Phenol	7.78	94	19734	2.553	ng	97
50) Dimethylphthalate	12.79	163	88212	6.919	ng	99
71) Phenanthrene	15.64	178	129009	7.375	ng	100
75) Fluoranthene	17.35	202	151376	8.174	ng	100
78) Pyrene	17.66	202	129416	6.345	ng	96
81) Benzo(a)anthracene	19.23	228	60035	3.344	ng	93
83) Chrysene	19.28	228	60203m	3.744	ng	
88) Benzo(b)fluoranthene	20.53	252	71358m	4.214	ng	
90) Benzo(a)pyrene	20.95	252	49196	3.154	ng	# 94

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

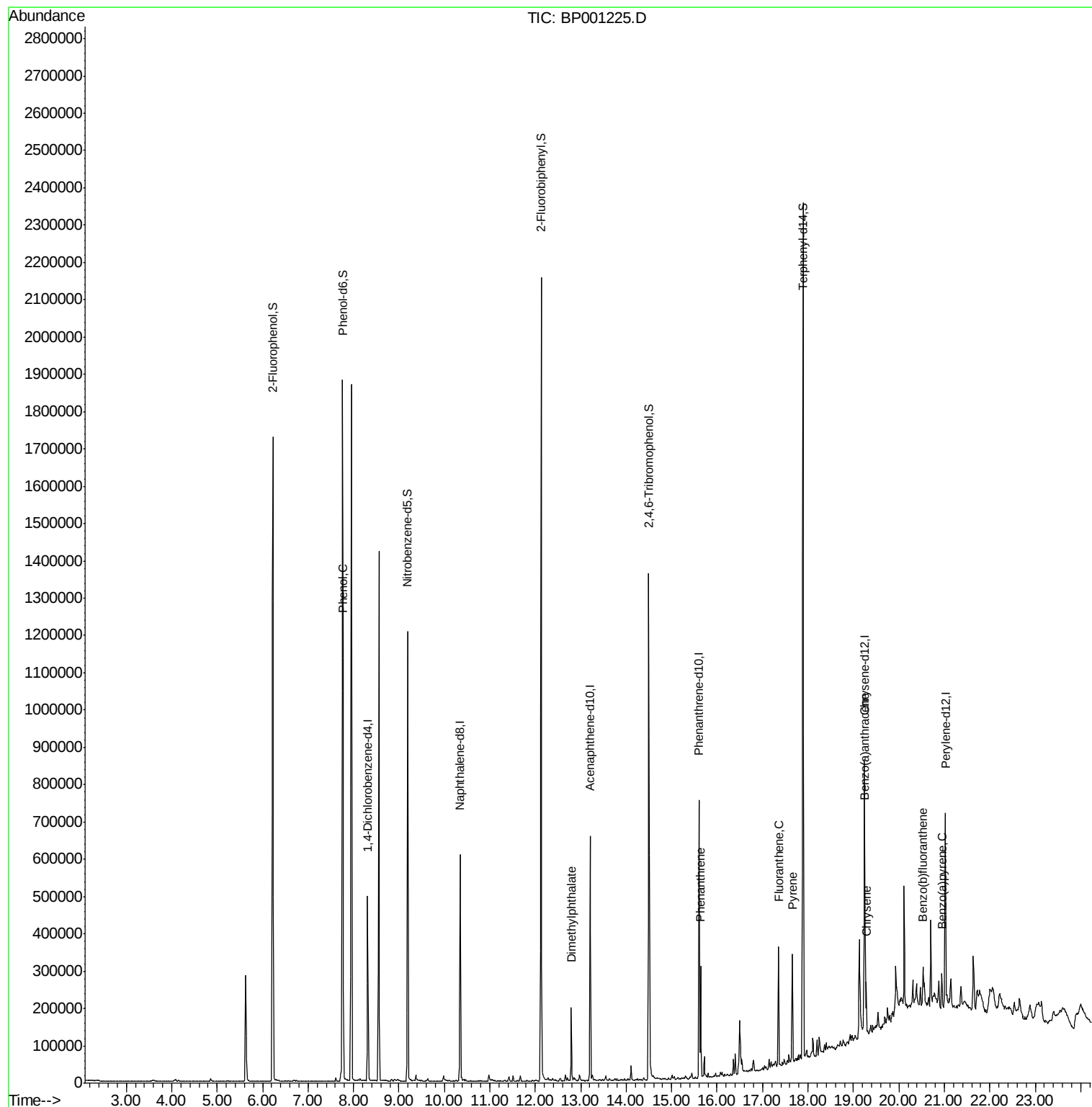
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001225.D
Acq On : 05 Dec 2019 21:56
Operator : JU
Sample : K6120-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

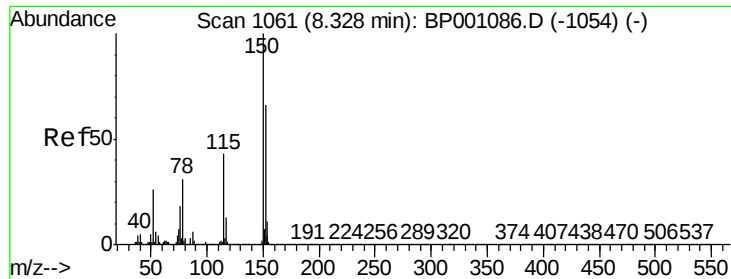
Instrument :
BNA_P
ClientSampleId :
TH-5

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Quant Time: Dec 06 07:53:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Instrument :

BNA_P

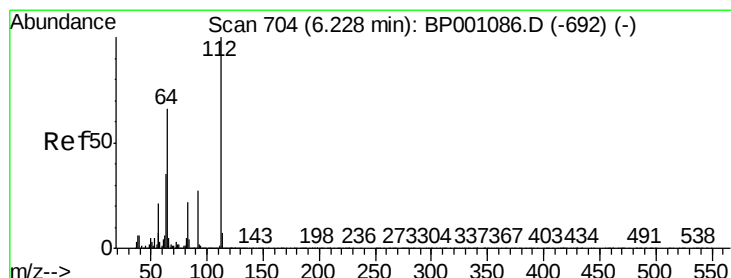
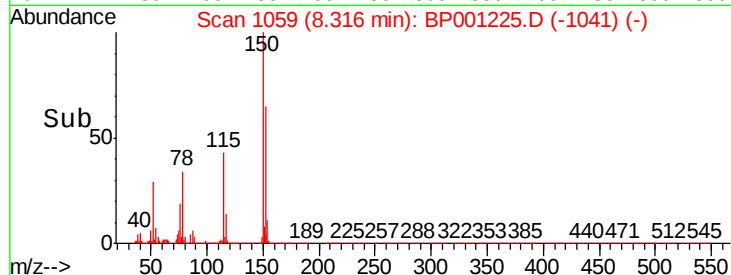
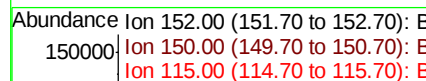
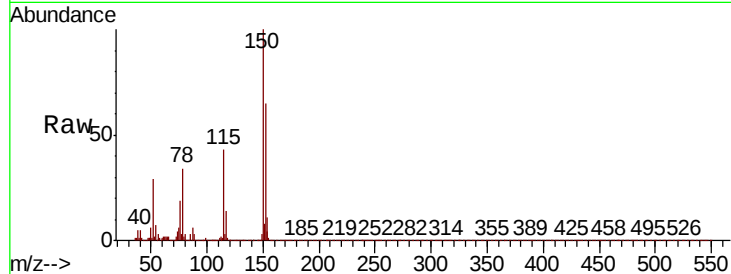
ClientSampled :

TH-5

Tot Ion:	152	Resp:	84619
Ion Ratio	Lower	Upper	
152	100		
150	153.2	127.3	190.9
115	65.3	56.0	84.0

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#5

2-Fluorophenol

Concen: 102.783 ng

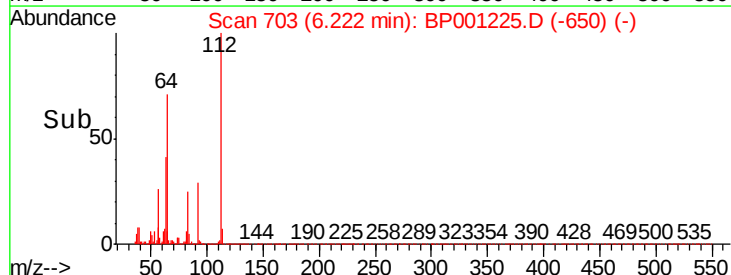
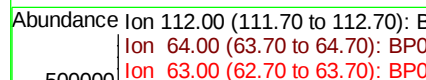
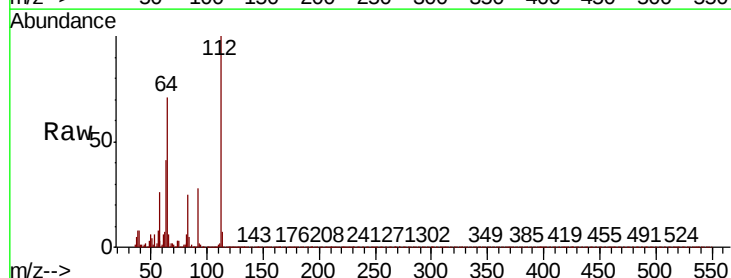
RT: 6.22 min Scan# 703

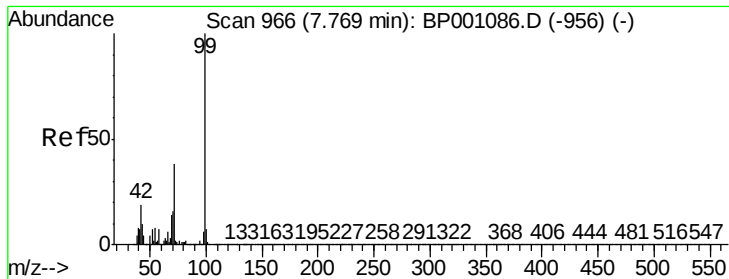
Delta R.T. 0.01 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Tgt Ion:	112	Resp:	524228
Ion Ratio	Lower	Upper	
112	100		
64	71.2	56.8	85.2
63	40.8	32.2	48.2





#7

Phenol-d6

Concen: 104.932 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Instrument :

BNA_P

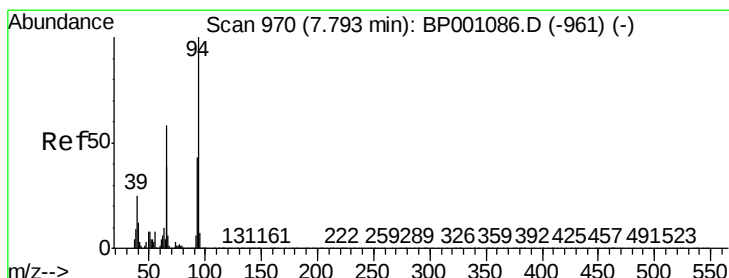
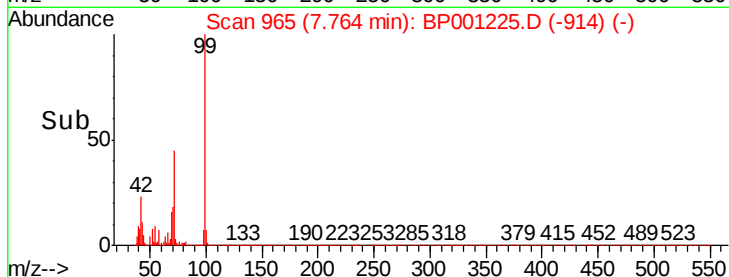
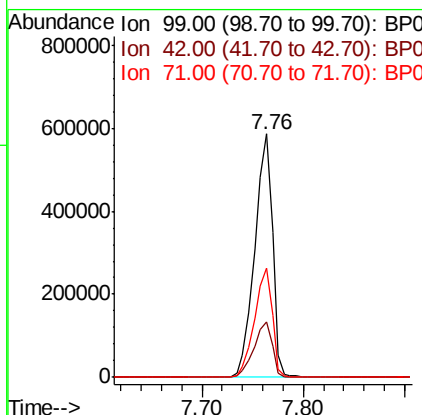
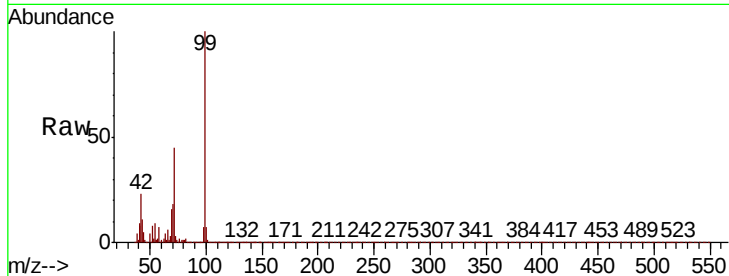
ClientSampleId :

TH-5

Tot Ion:	99	Resp:	713007
Ion Ratio	Lower	Upper	
99	100		
42	22.9	17.6	26.4
71	44.7	33.8	50.8

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#10

Phenol

Concen: 2.553 ng

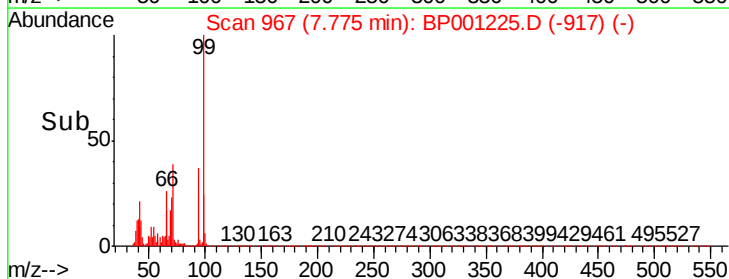
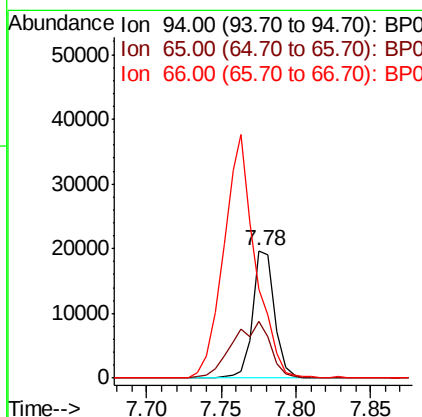
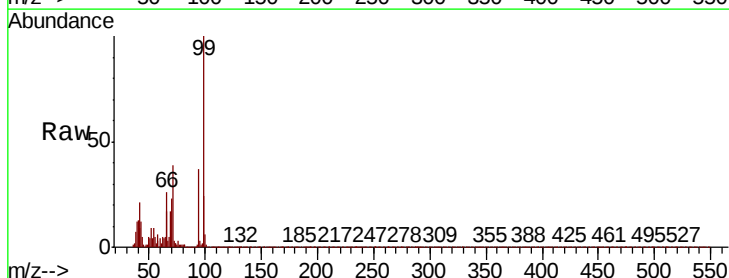
RT: 7.78 min Scan# 967

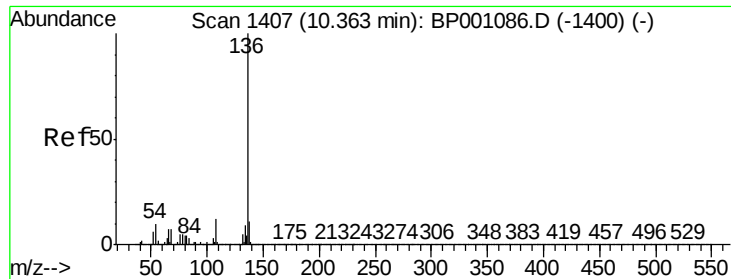
Delta R.T. -0.01 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Tgt Ion:	94	Resp:	19734
Ion Ratio	Lower	Upper	
94	100		
65	44.6	25.6	65.6
66	70.0	52.6	92.6





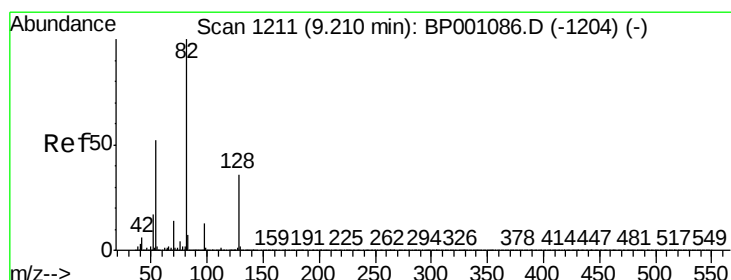
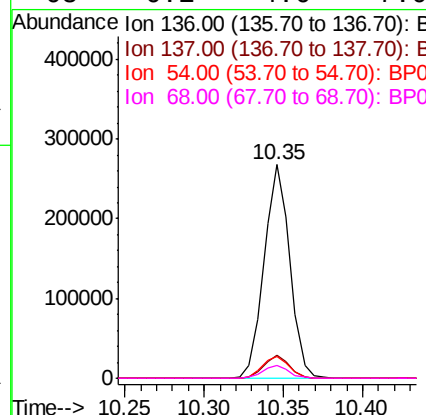
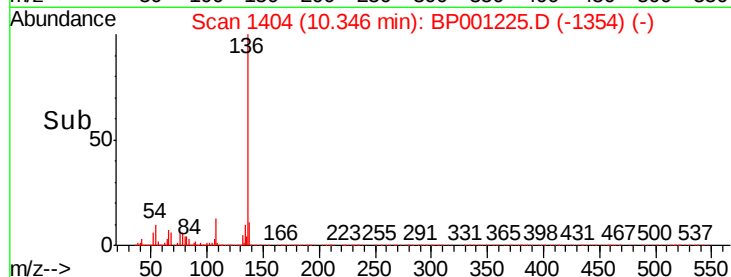
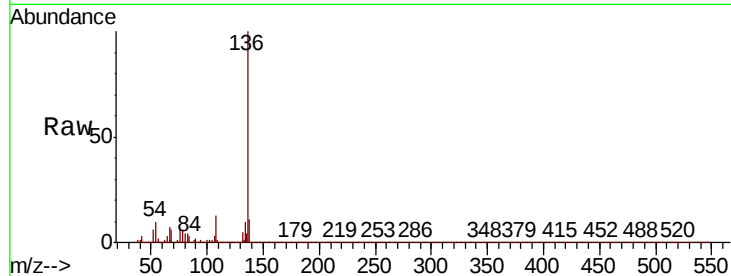
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	303124		
137	11.0	8.4	12.6	
54	10.4	7.4	11.0	
68	6.1	4.6	7.0	

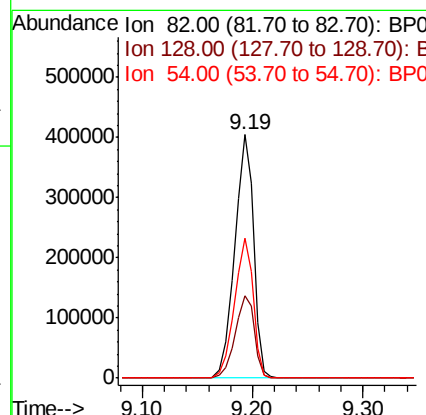
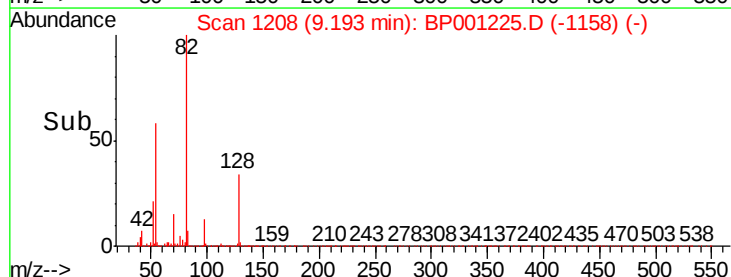
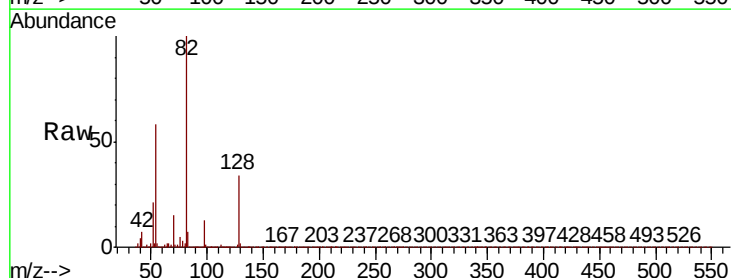
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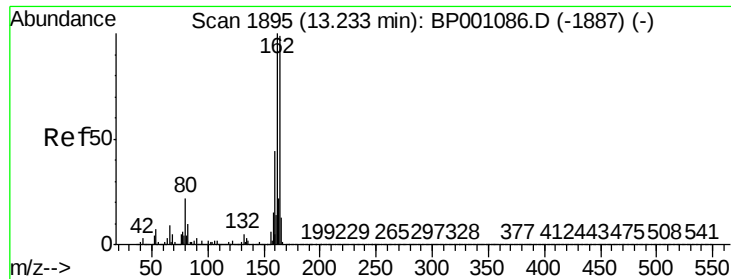
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#23
Nitrobenzene-d5
Concen: 69.613 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	486366		
128	33.8	27.5	41.3	
54	57.7	45.7	68.5	





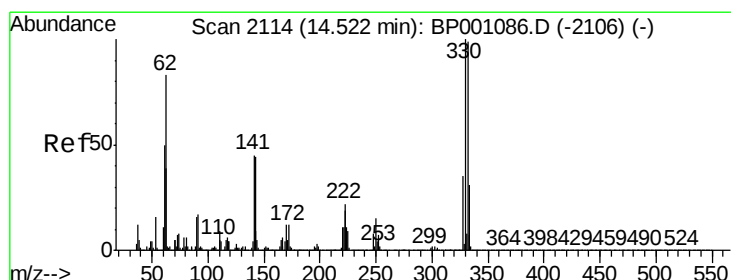
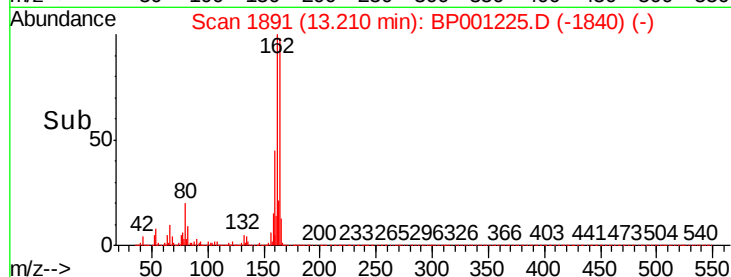
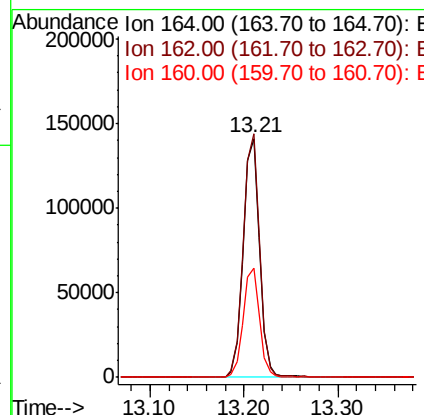
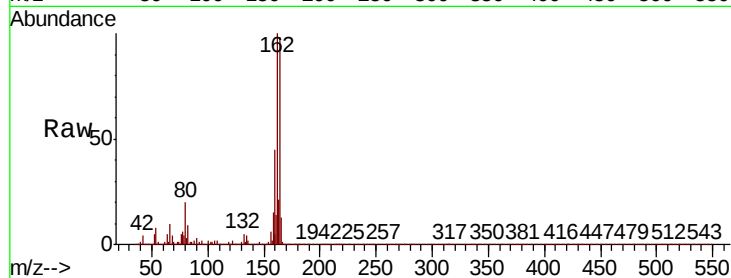
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	45.6	36.3	54.5

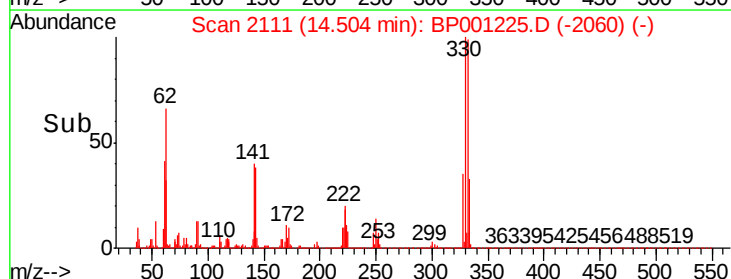
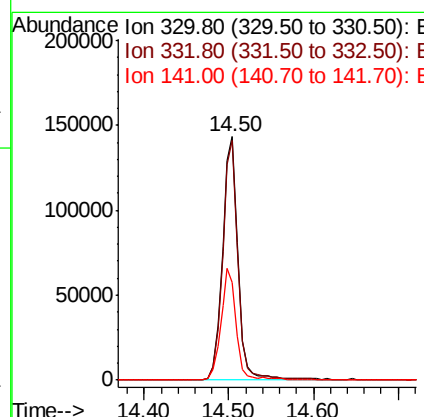
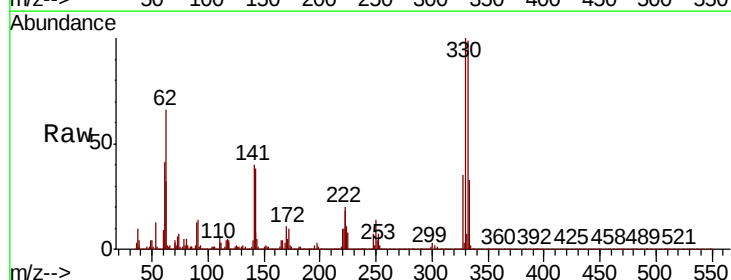
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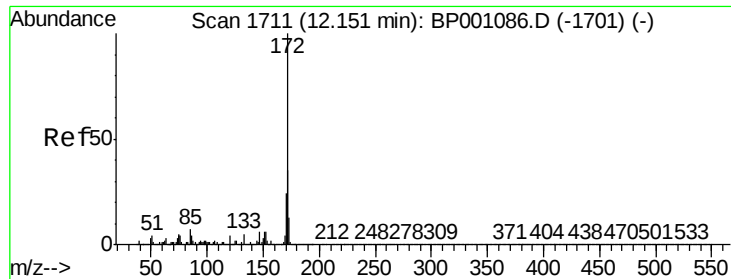
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#42
2,4,6-Tribromophenol
Concen: 114.267 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	44.9	35.9	53.9





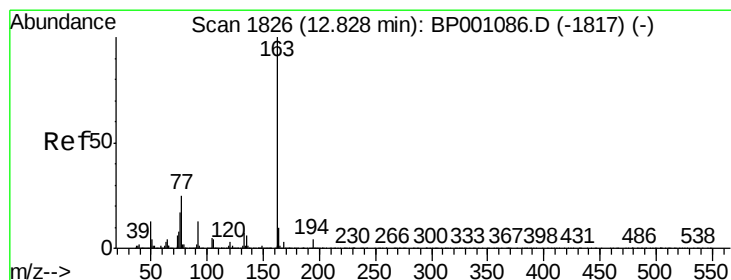
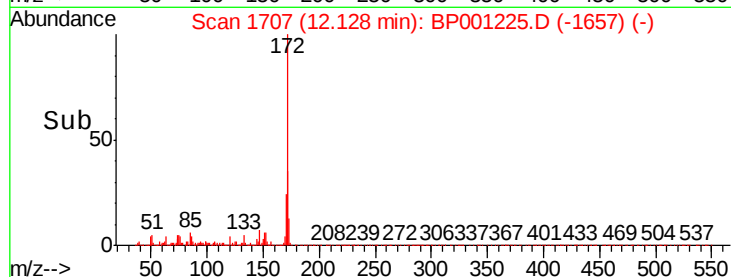
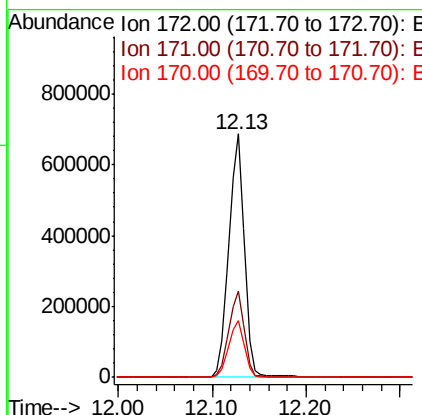
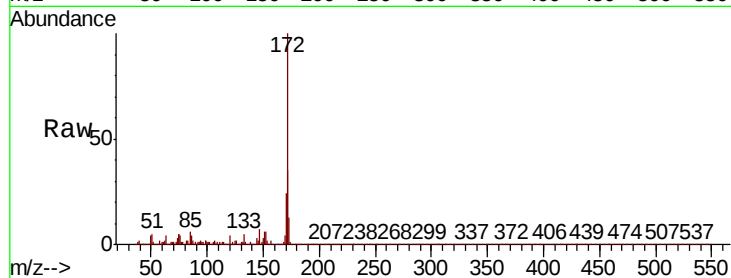
#45
2-Fluorobiphenyl
Concen: 68.767 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.5	19.2	28.8

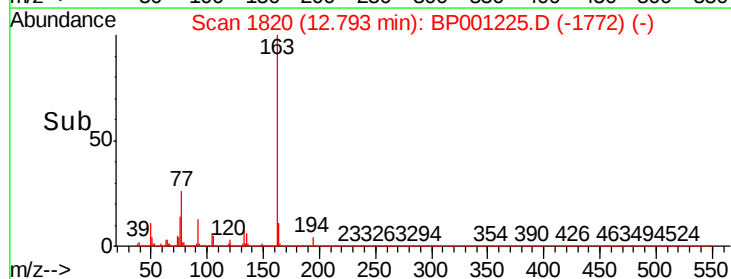
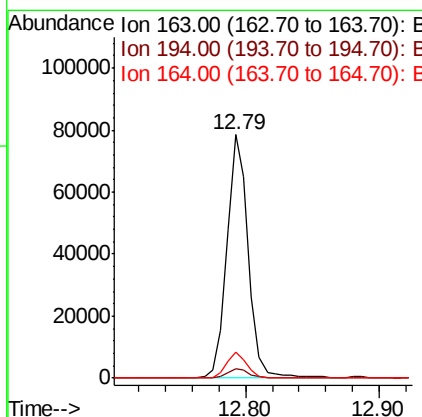
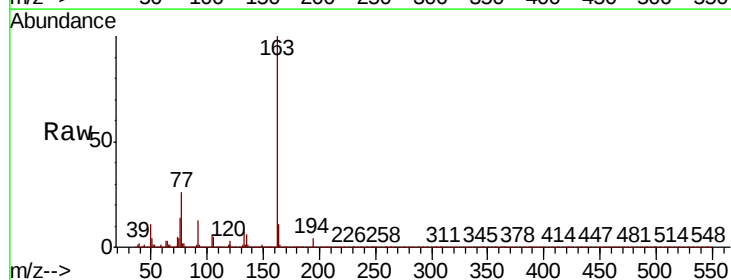
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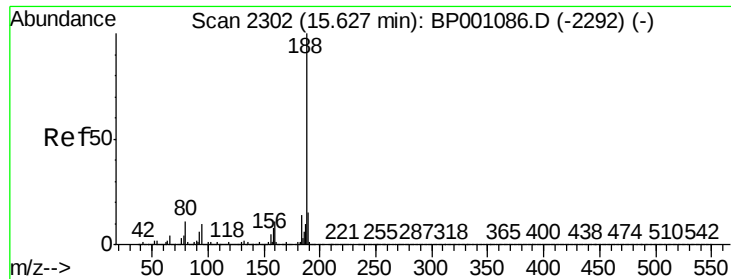
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#50
Dimethylphthalate
Concen: 6.919 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.8	8.2	12.4





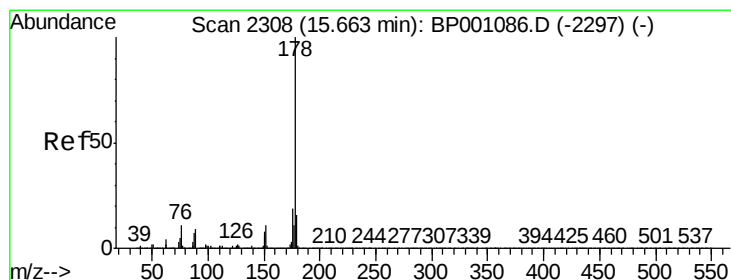
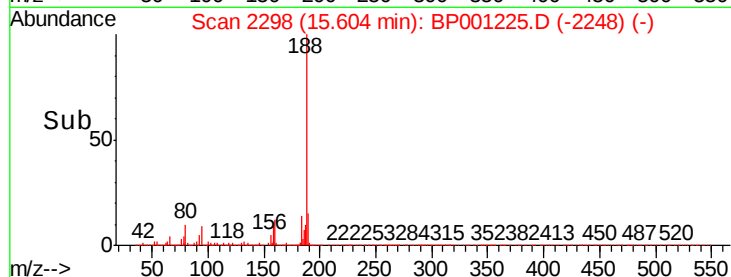
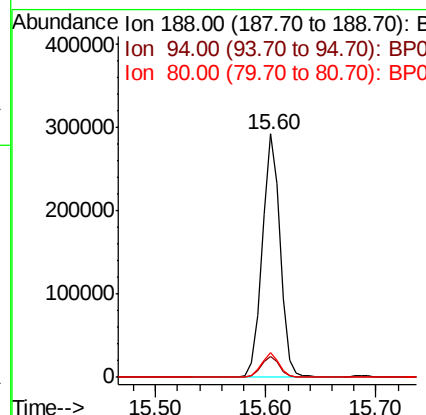
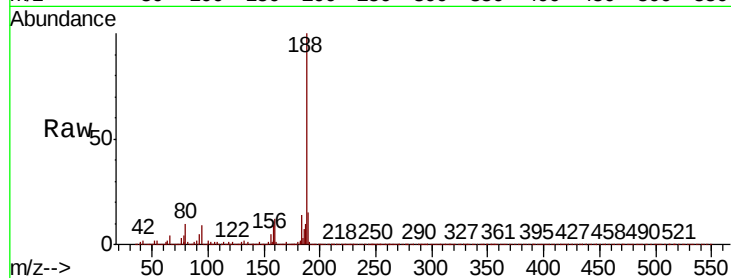
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	7.1	10.7
80	10.3	7.8	11.6

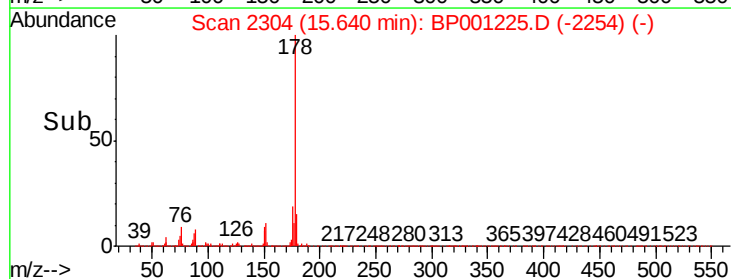
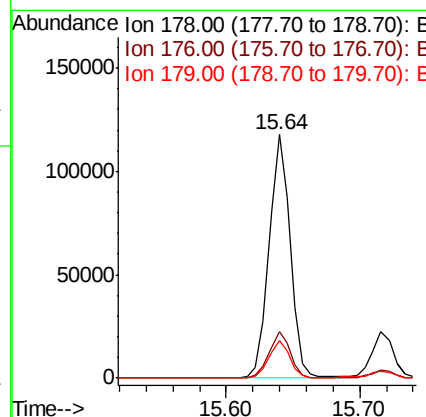
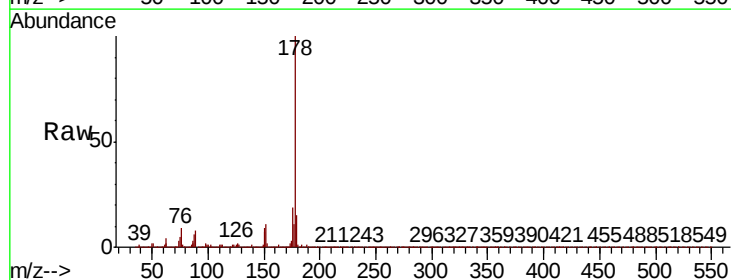
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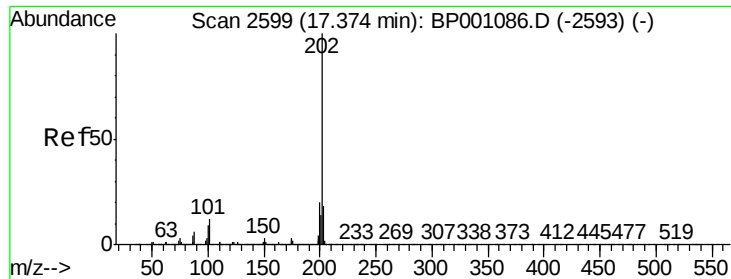
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#71
Phenanthrene
Concen: 7.375 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.5	12.4	18.6





#75

Fluoranthene

Concen: 8.174 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Instrument :

BNA_P

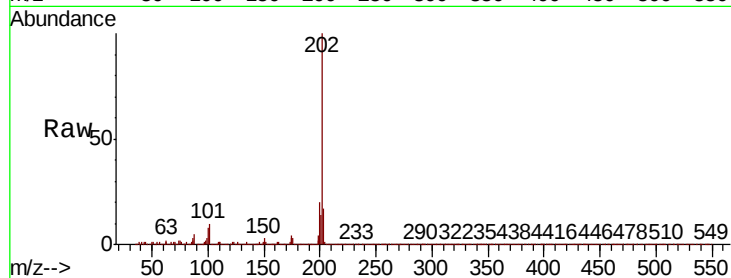
ClientSampleId :

TH-5

Tot Ion:	202	Resp:	151376
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
203	17.4	0.0	37.1

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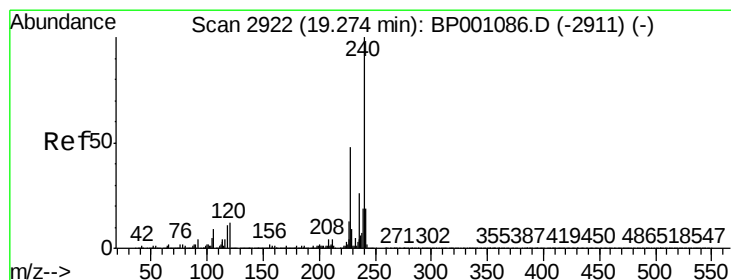
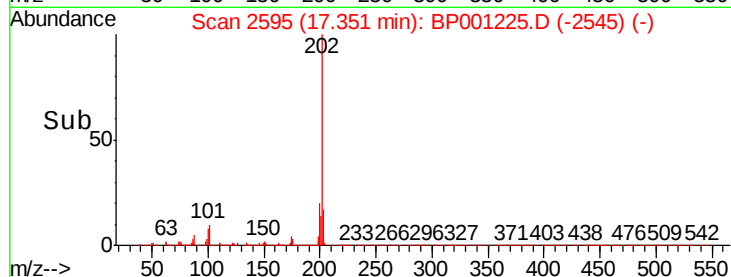
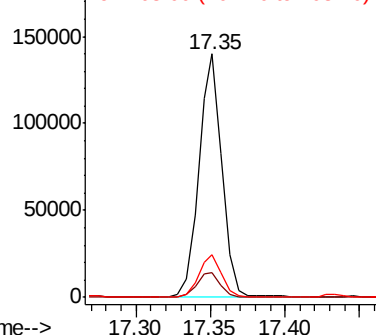


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

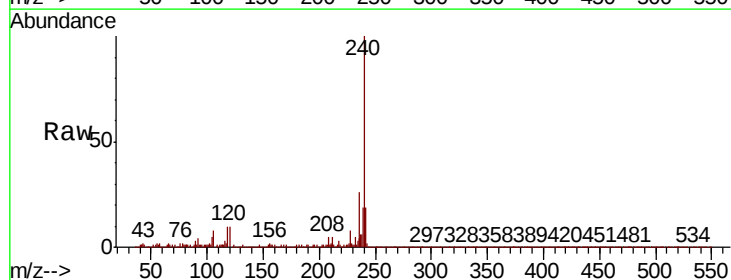
RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Tgt Ion:	240	Resp:	258961
Ion Ratio	Lower	Upper	
240	100		
120	10.5	7.0	10.6
236	25.9	21.7	32.5

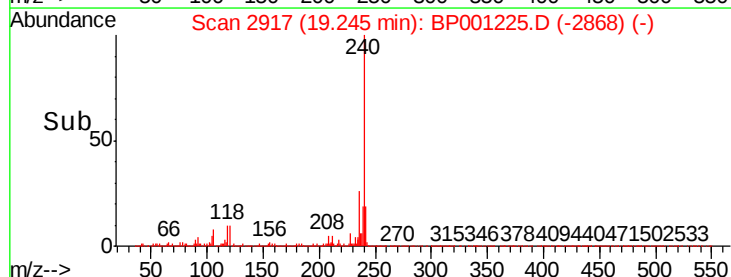
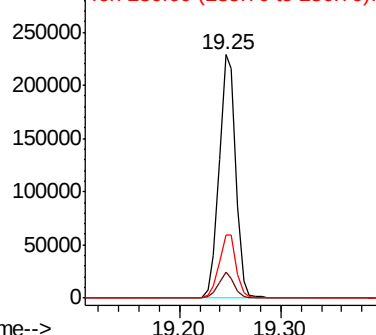


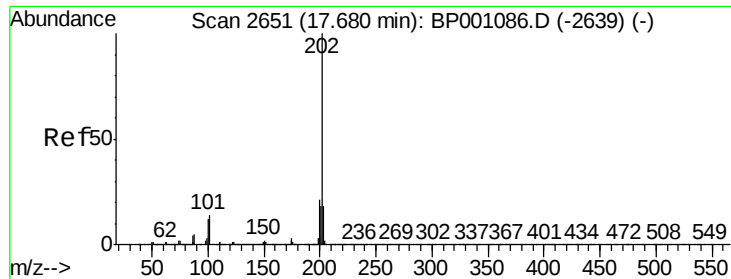
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 6.345 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Instrument :

BNA_P

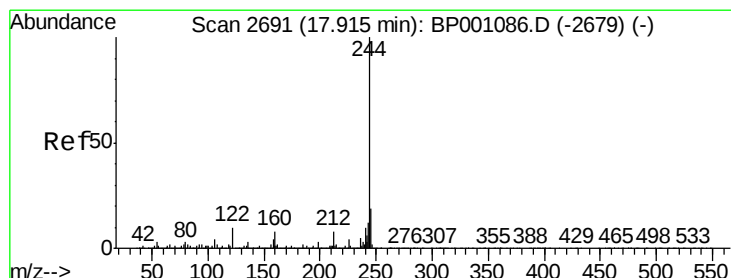
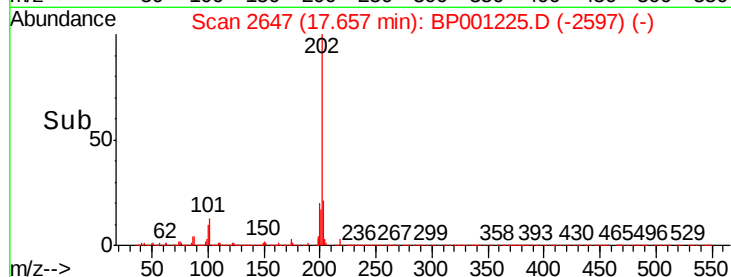
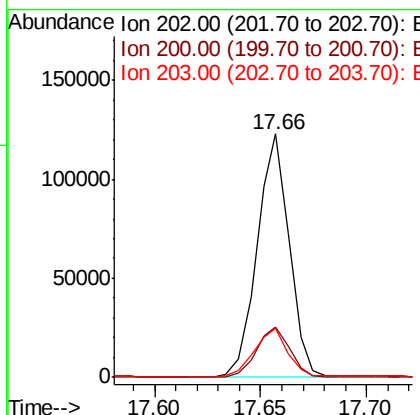
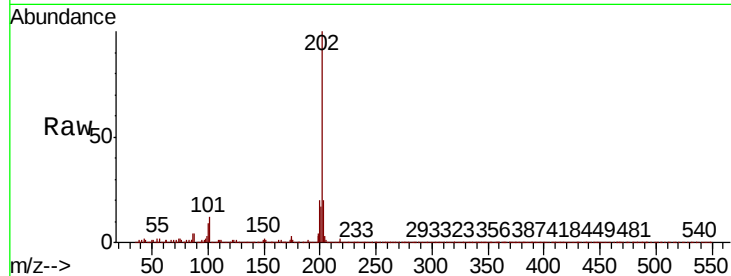
ClientSampleId :

TH-5

Tot Ion:	202	Resp:	129416
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.3	25.9
203	20.0	13.8	20.8

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#79

Terphenyl-d14

Concen: 66.044 ng

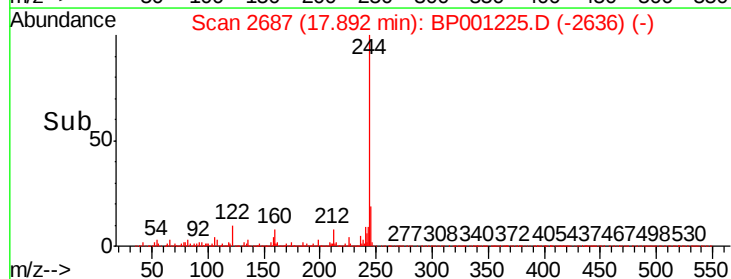
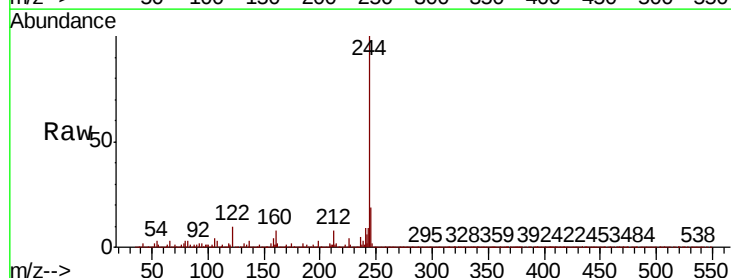
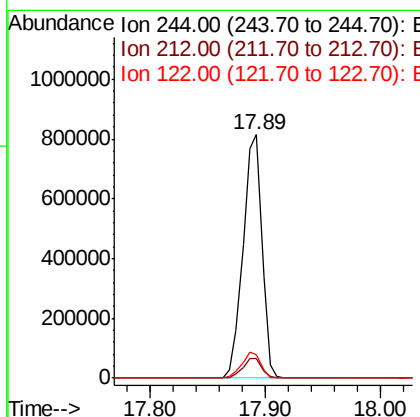
RT: 17.89 min Scan# 2687

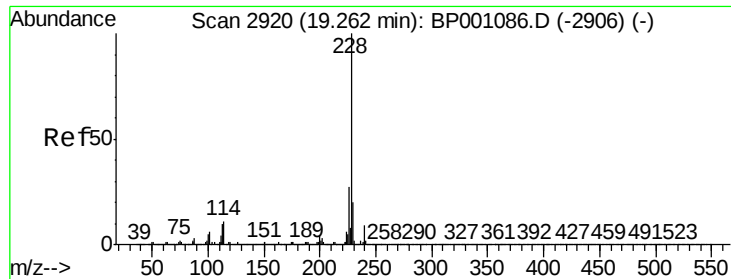
Delta R.T. 0.00 min

Lab File: BP001225.D

Acq: 05 Dec 2019 21:56

Tgt Ion:	244	Resp:	924429
Ion Ratio		Lower	Upper
244	100		
212	8.3	6.6	9.8
122	9.6	9.2	13.8





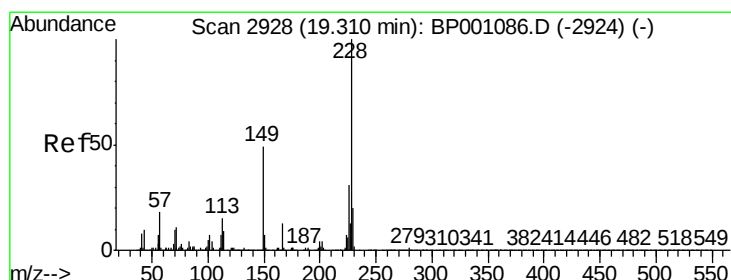
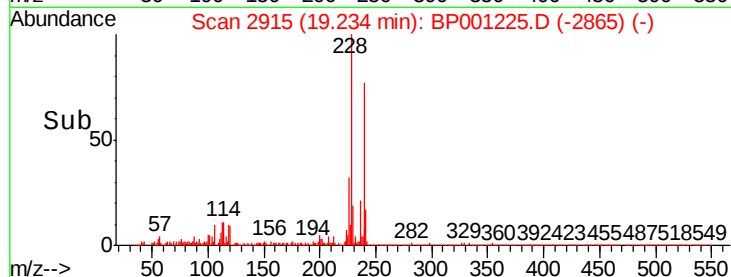
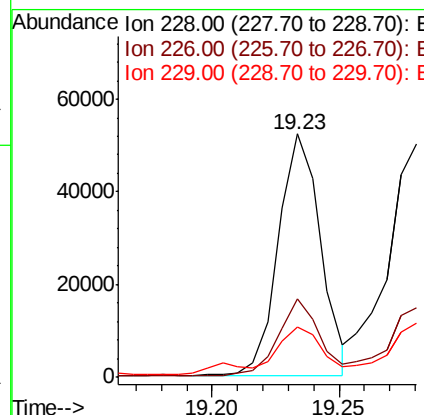
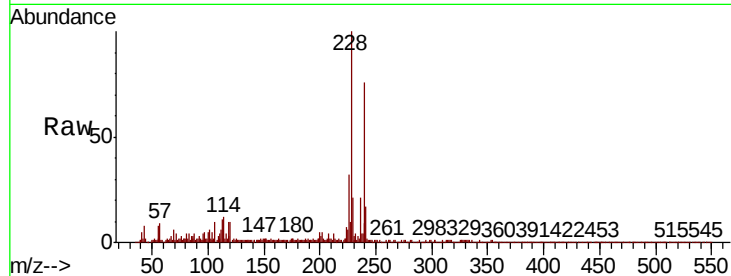
#81
Benzo(a)anthracene
Concen: 3.344 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.7	32.5
229	20.7	15.8	23.6

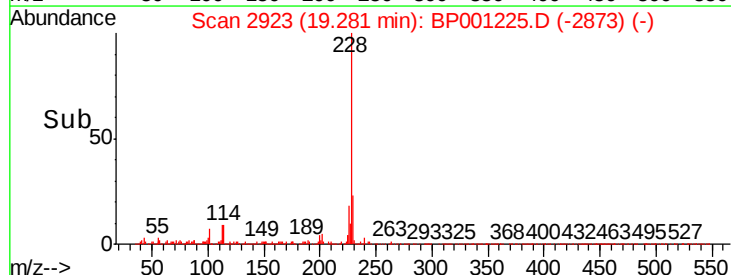
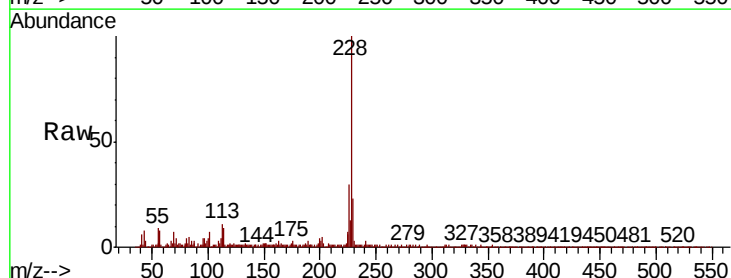
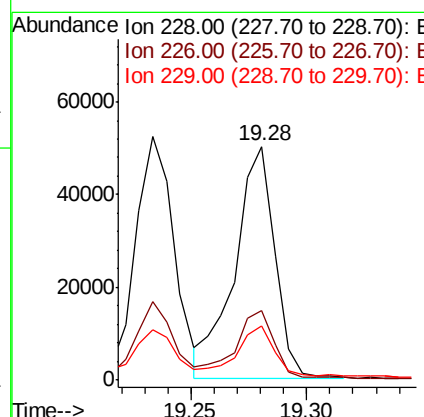
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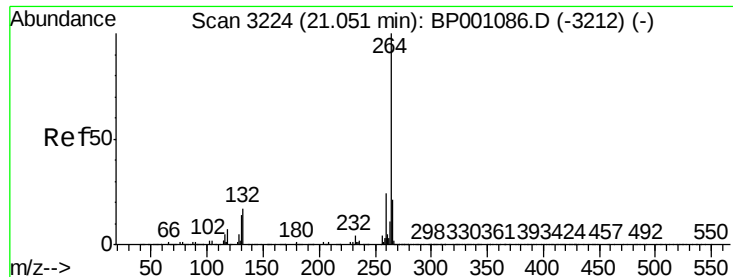
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#83
Chrysene
Concen: 3.744 ng m
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	23.2	15.2	22.8#





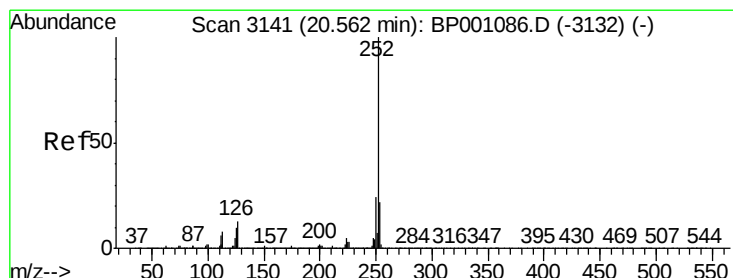
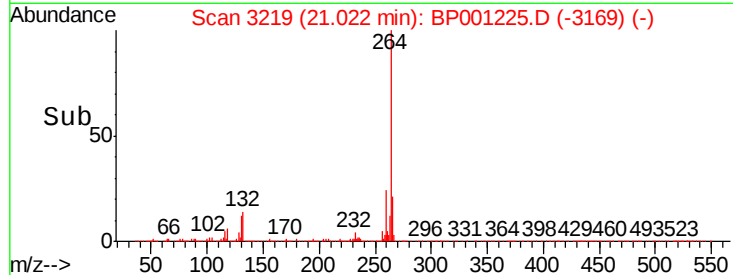
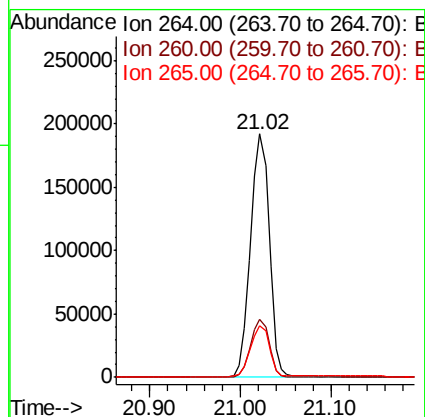
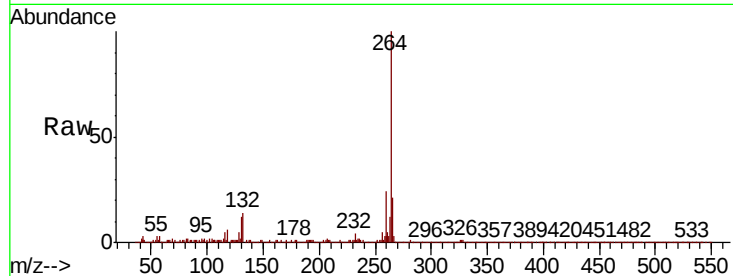
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampled :
TH-5

Tot Ion:	264	Resp:	277242
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.0
265	21.1	17.1	25.7

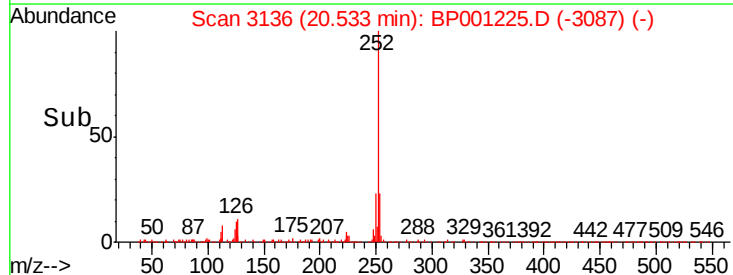
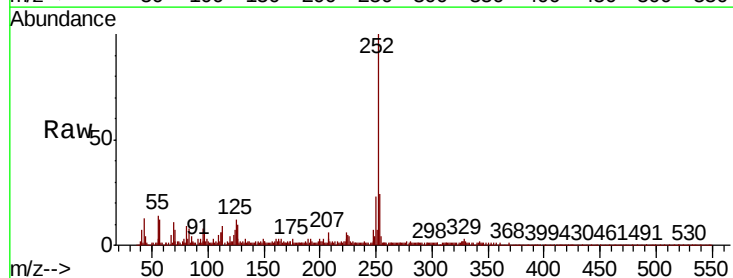
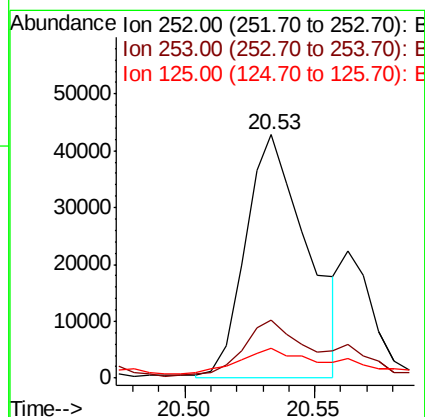
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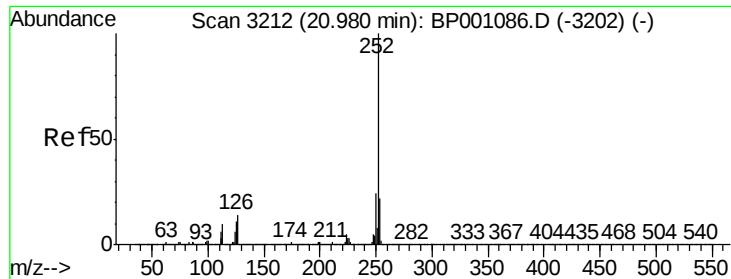
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#88
Benzo(b)fluoranthene
Concen: 4.214 ng m
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Tgt Ion:	252	Resp:	71358
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	12.4	6.6	9.8#





#90
Benzo(a)pyrene
Concen: 3.154 ng
RT: 20.95 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001225.D
Acq: 05 Dec 2019 21:56

Instrument :
BNA_P
ClientSampleId :
TH-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.8	25.2
125	12.8	7.8	11.6

Manual Integrations
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