

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001399.D
 Acq On : 24 Dec 2019 21:34
 Operator : JU
 Sample : K6413-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K005-AA-WC-2

Manual Integrations
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Quant Time: Dec 25 05:40:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	51769	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	192634	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	116318	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	219570	20.00	ng	0.00
76) Chrysene-d12	19.22	240	143795	20.00	ng	0.00
87) Perylene-d12	20.99	264	142472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	266058	83.06	ng	0.00
7) Phenol-d6	7.75	99	375068	89.74	ng	0.00
23) Nitrobenzene-d5	9.16	82	257886	51.41	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	118128	81.23	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	485069	52.73	ng	0.00
79) Terphenyl-d14	17.86	244	541296	64.47	ng	0.00
Target Compounds						
10) Phenol	7.76	94	12770	2.674	ng	84
50) Dimethylphthalate	12.76	163	32132	3.367	ng	# 96
71) Phenanthrene	15.61	178	40516	3.234	ng	95
75) Fluoranthene	17.32	202	62258	4.445	ng	99
78) Pyrene	17.63	202	55811	4.999	ng	# 95
81) Benzo(a)anthracene	19.21	228	26335	2.513	ng	95
83) Chrysene	19.25	228	24011	2.374	ng	98
88) Benzo(b)fluoranthene	20.50	252	27661m	2.956	ng	
90) Benzo(a)pyrene	20.92	252	19907	2.336	ng	# 98

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

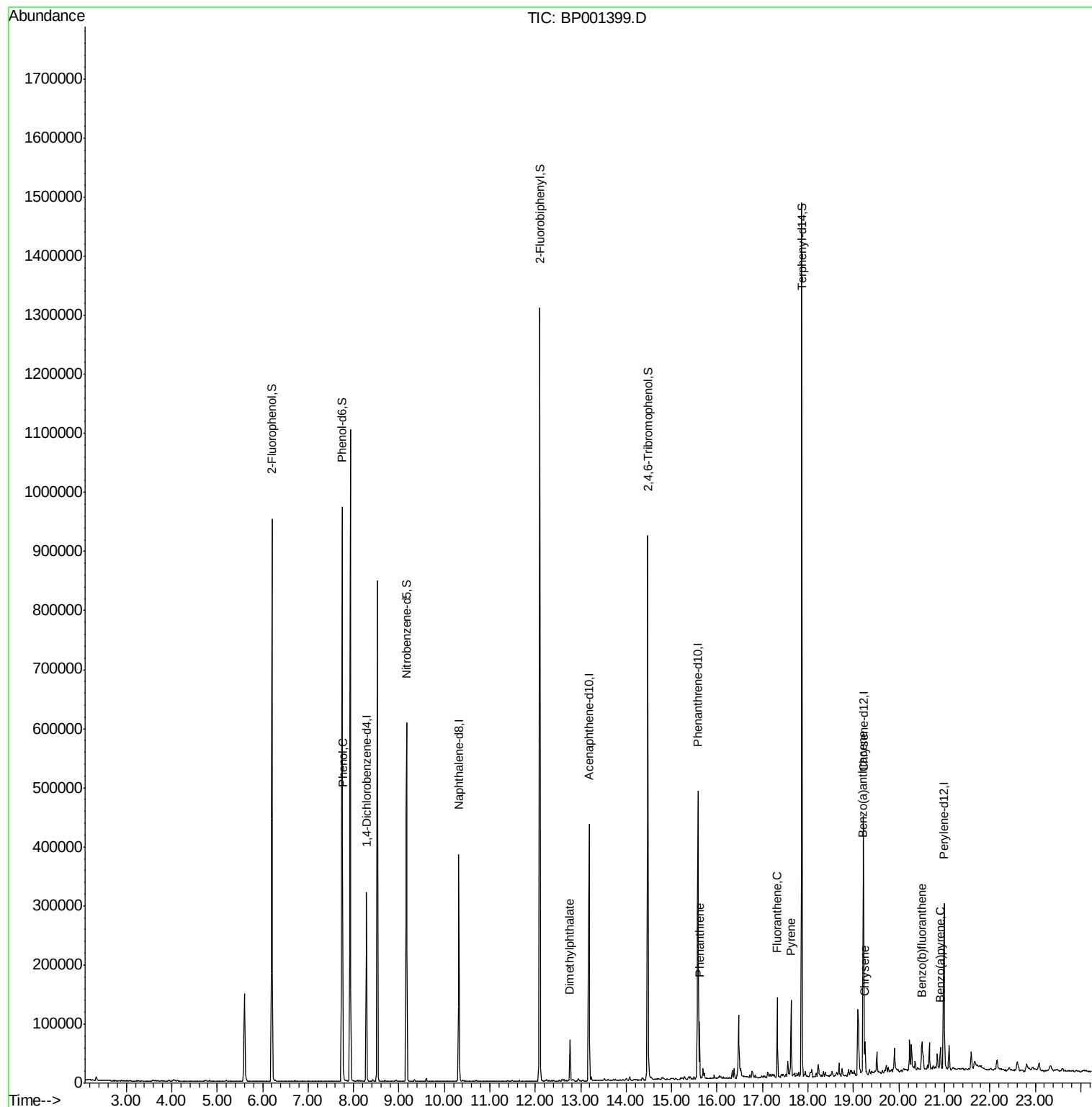
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001399.D
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ALS Vial : 17 Sample Multiplier: 1

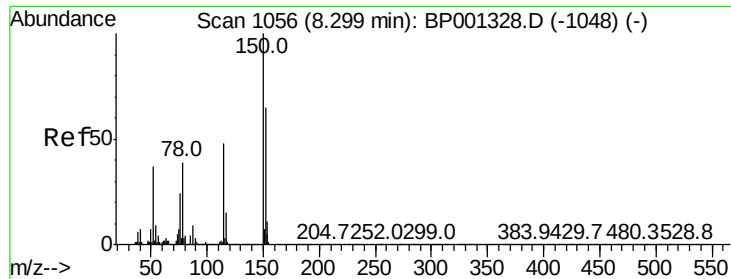
Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-2

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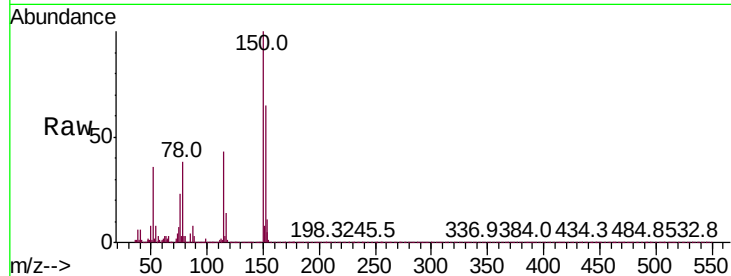
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.0	190.6
115	66.2	56.1	84.1

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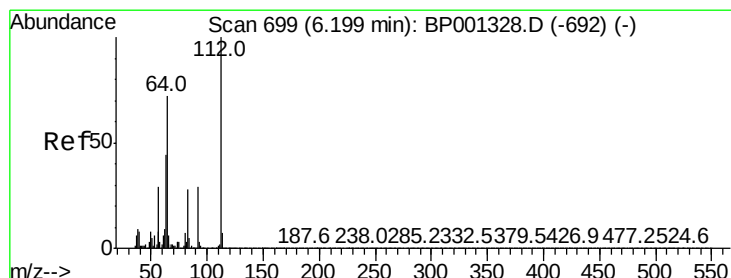
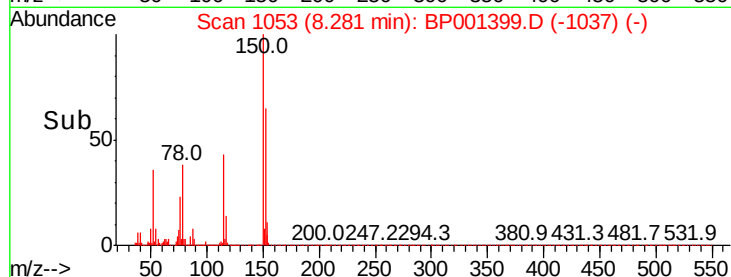
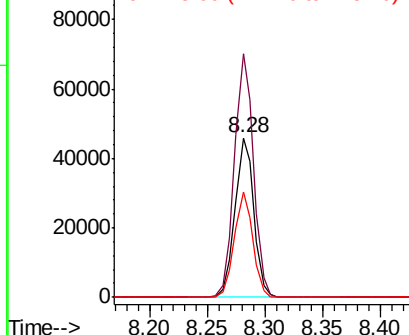


Abundance

Ion 152.00 (151.70 to 152.70): E

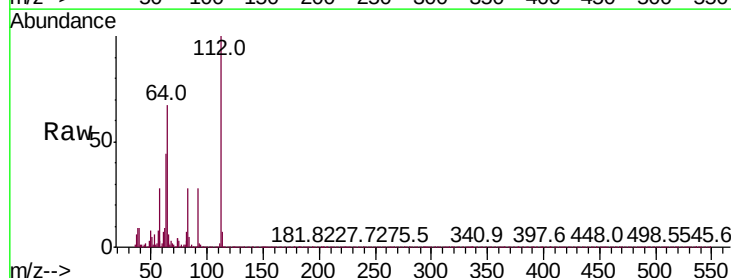
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
2-Fluorophenol
Concen: 83.061 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.9	80.9
63	44.2	33.4	50.0

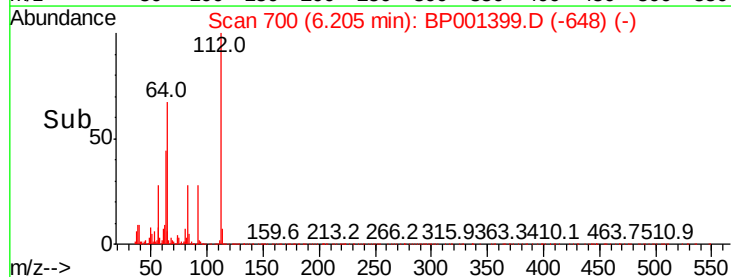
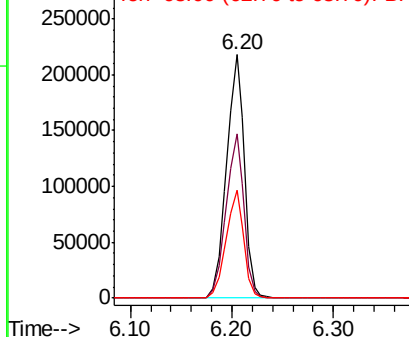


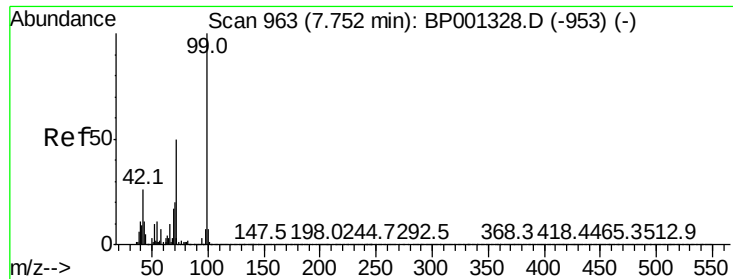
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 89.736 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Instrument :

BNA_P

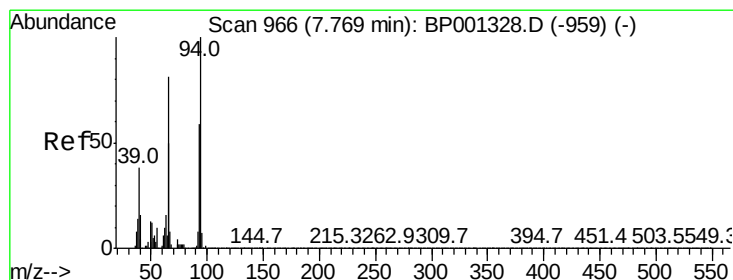
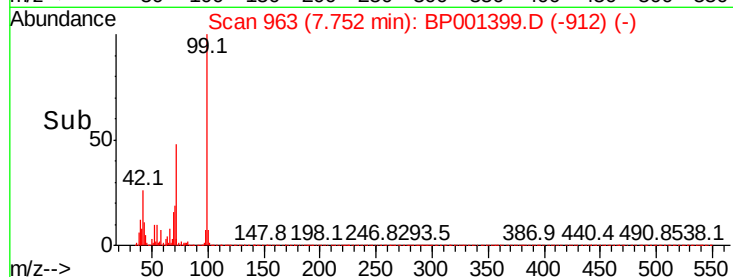
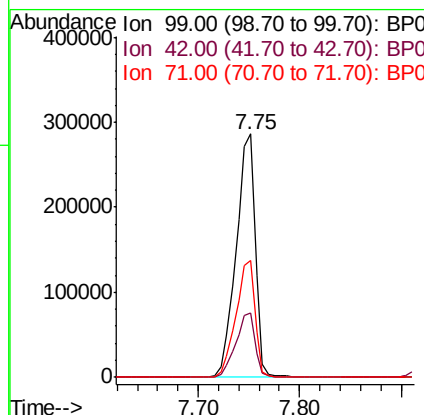
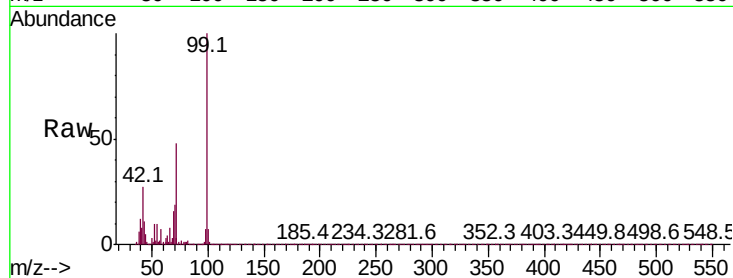
ClientSampleId :

K005-AA-WC-2

Tot Ion:	99	Resp:	375068
Ion Ratio	Lower	Upper	
99	100		
42	26.5	20.8	31.2
71	48.2	38.2	57.4

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#10

Phenol

Concen: 2.674 ng

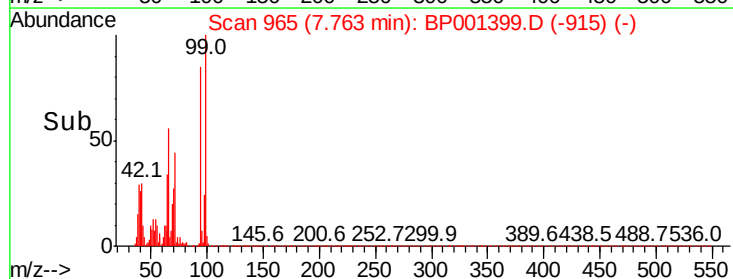
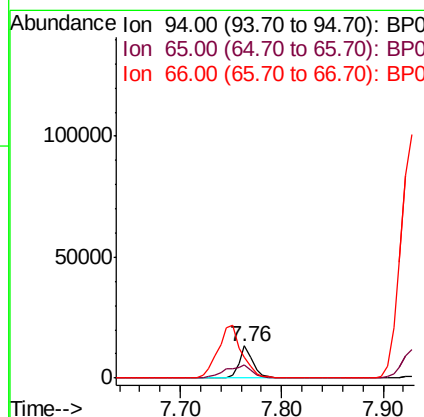
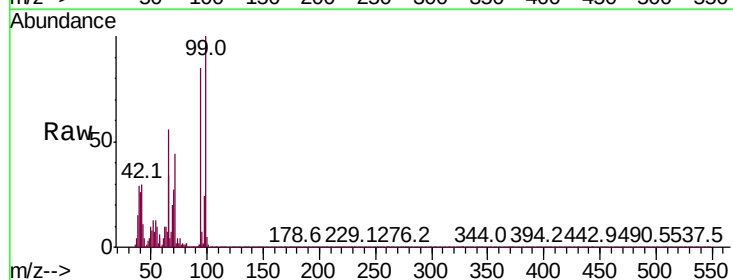
RT: 7.76 min Scan# 965

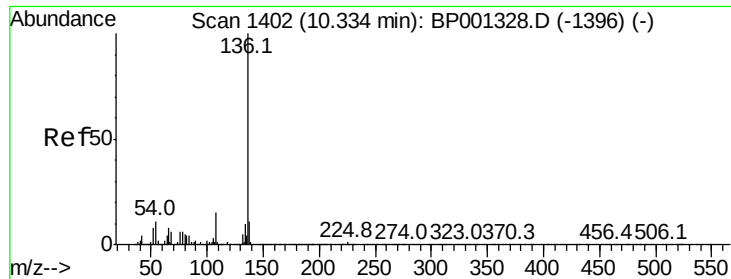
Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Tgt Ion:	94	Resp:	12770
Ion Ratio	Lower	Upper	
94	100		
65	40.6	29.6	69.6
66	66.0	62.3	102.3





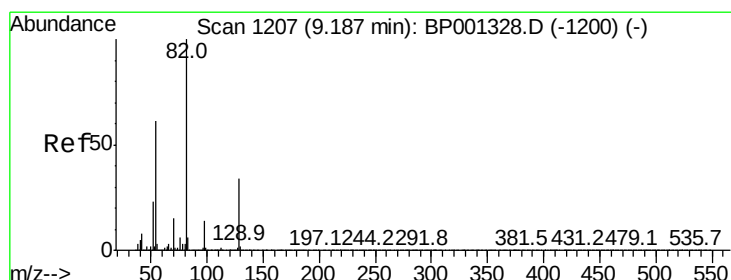
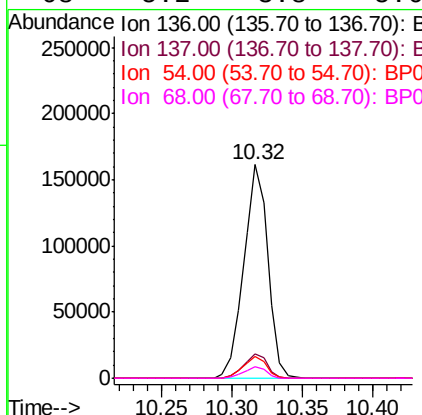
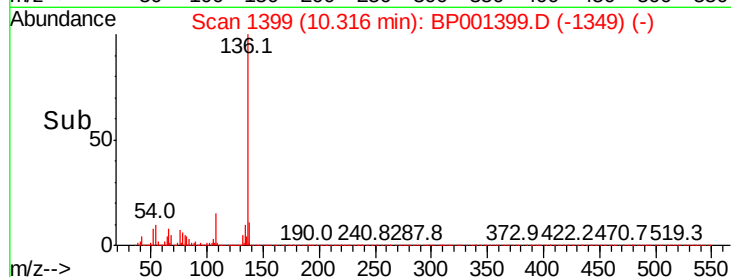
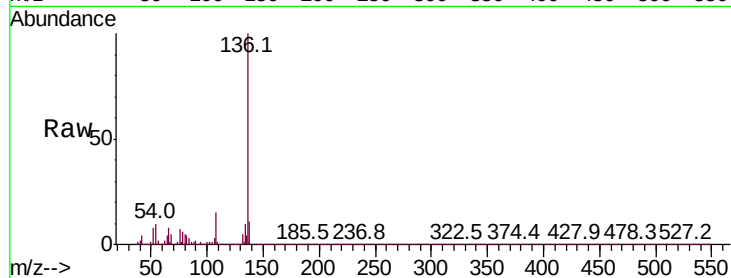
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.3	7.3	10.9
68	5.2	3.8	5.6

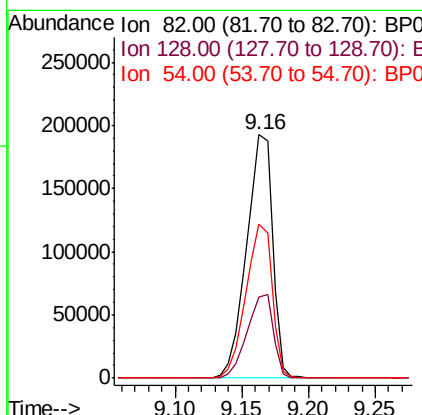
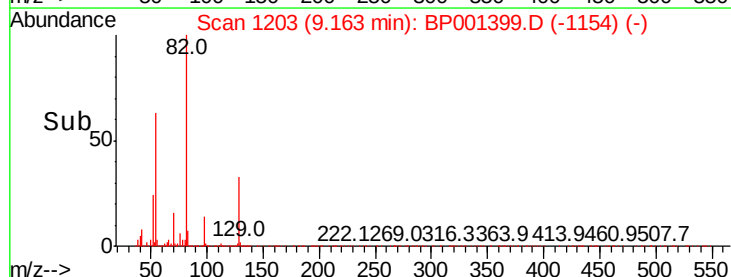
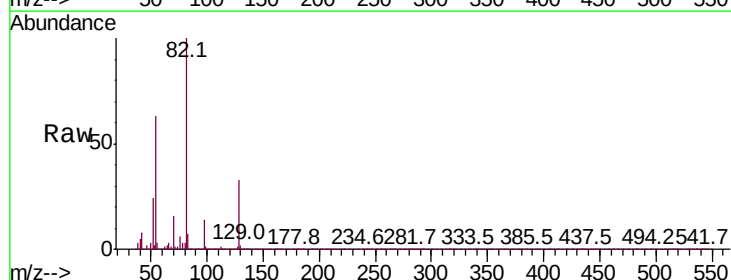
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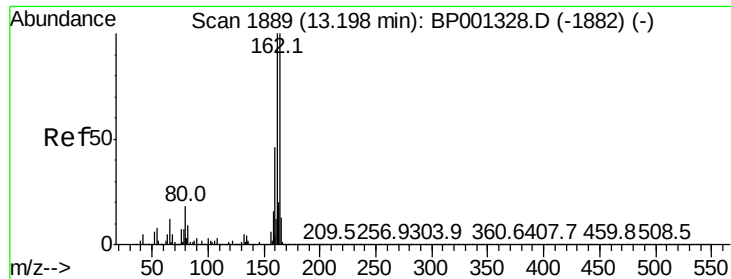
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#23
Nitrobenzene-d5
Concen: 51.409 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.3	27.4	41.0
54	63.3	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

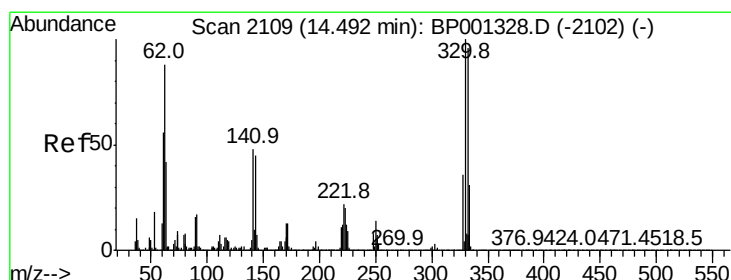
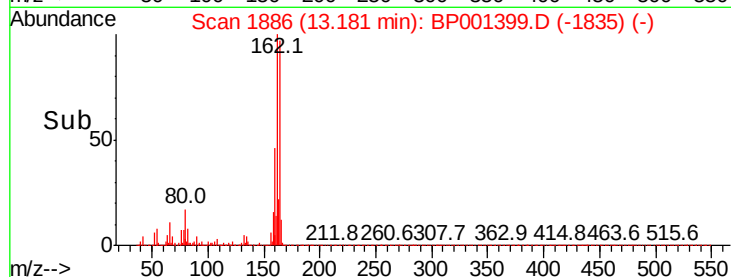
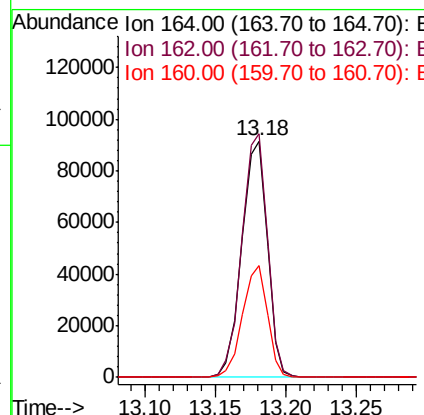
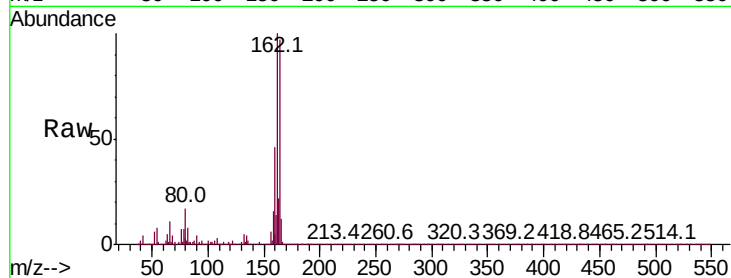
Instrument :
BNA_P

ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.2	117.4
160	47.2	35.1	52.7

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#42

2,4,6-Tribromophenol

Concen: 81.230 ng

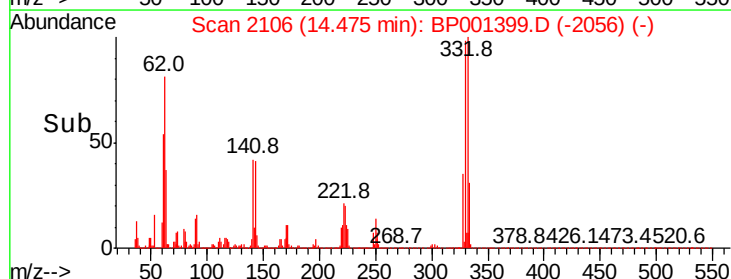
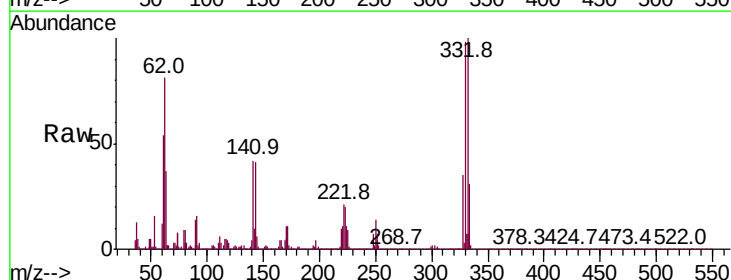
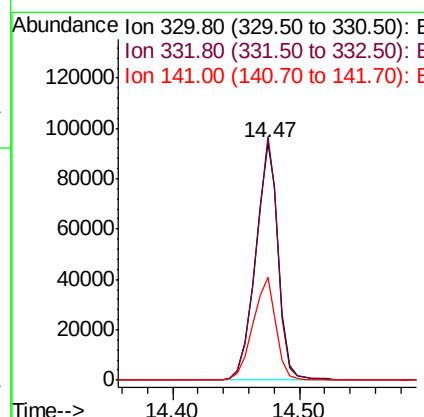
RT: 14.47 min Scan# 2106

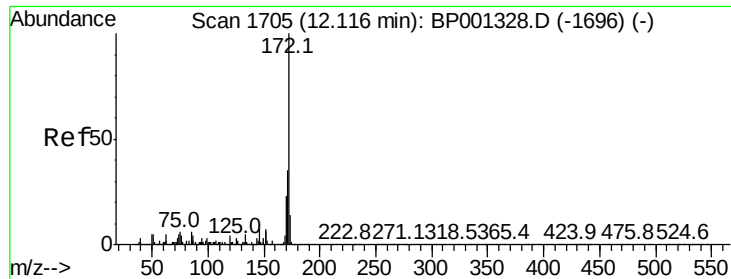
Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.3	117.5
141	43.7	26.8	40.2#





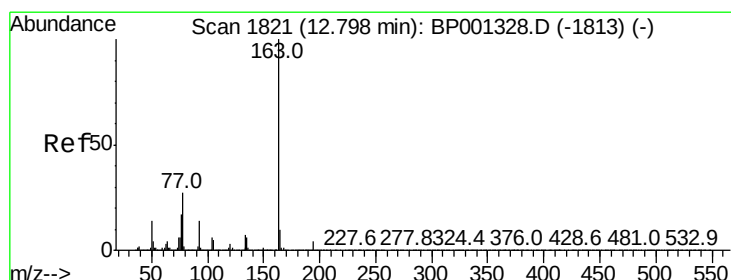
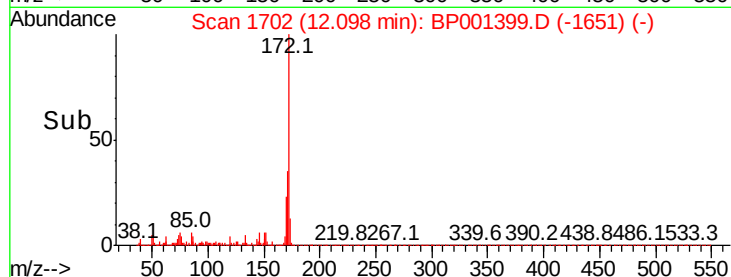
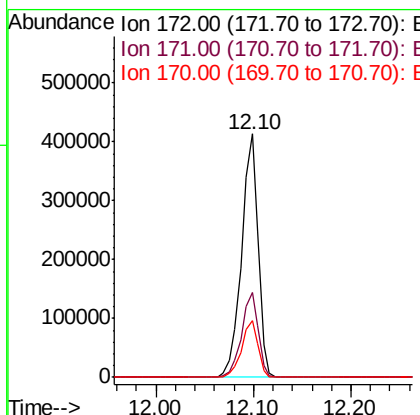
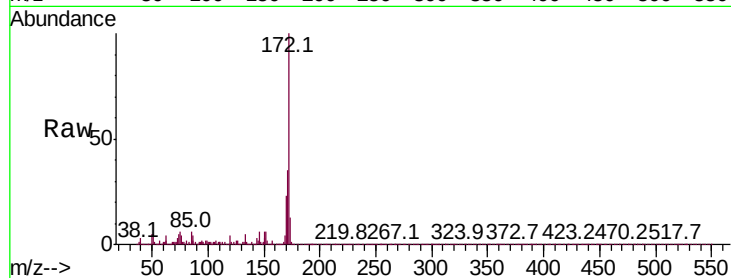
#45
2-Fluorobiphenyl
Concen: 52.732 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.4	41.0
170	23.3	18.2	27.4

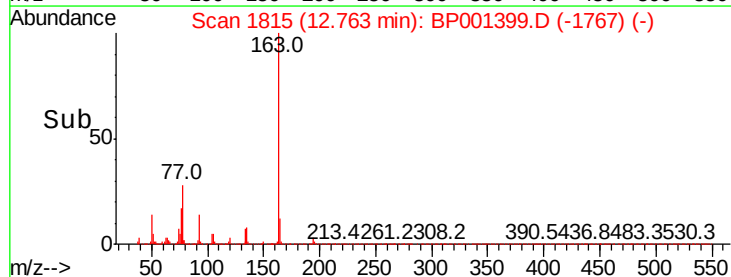
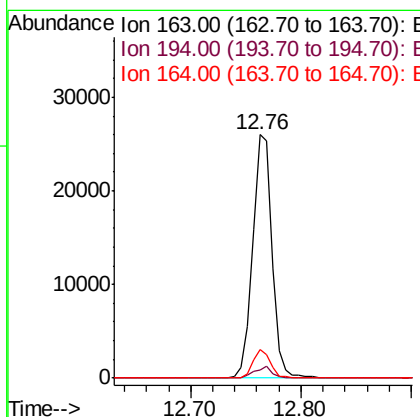
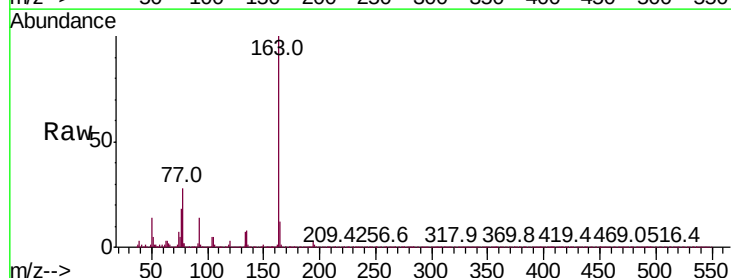
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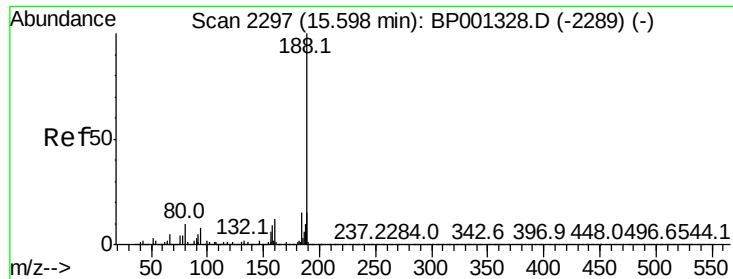
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#50
Dimethylphthalate
Concen: 3.367 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	11.5	7.7	11.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Instrument :

BNA_P

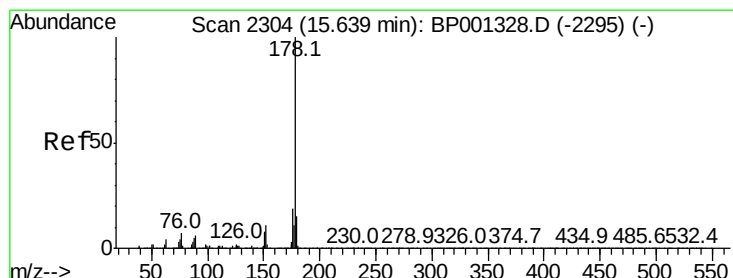
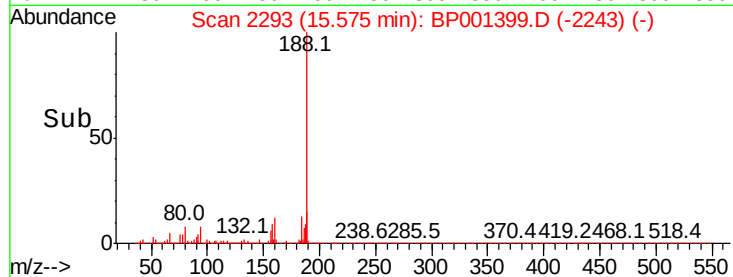
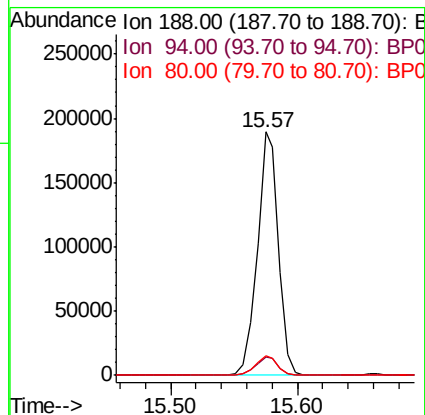
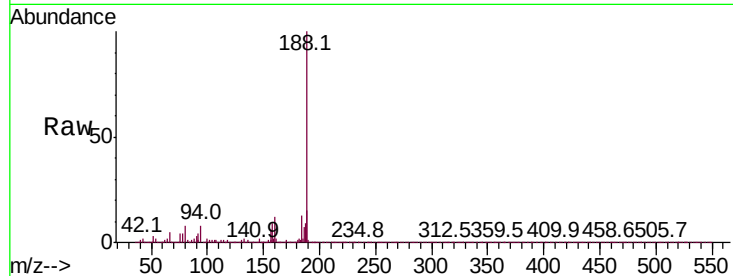
ClientSampleId :

K005-AA-WC-2

Tot Ion:	188	Resp:	219570
Ion Ratio	Lower	Upper	
188	100		
94	7.8	5.8	8.8
80	8.3	5.7	8.5

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#71

Phenanthrene

Concen: 3.234 ng

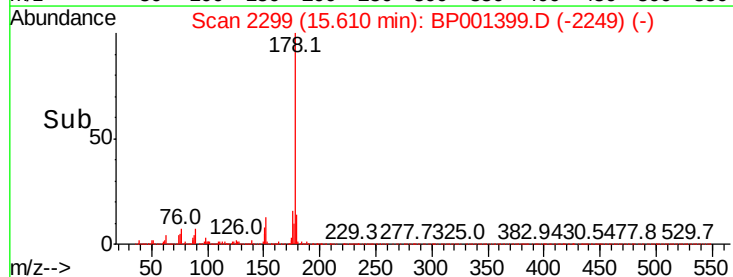
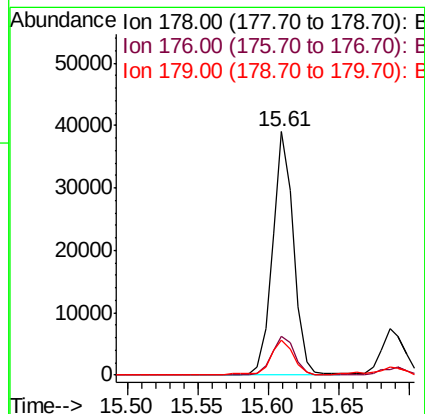
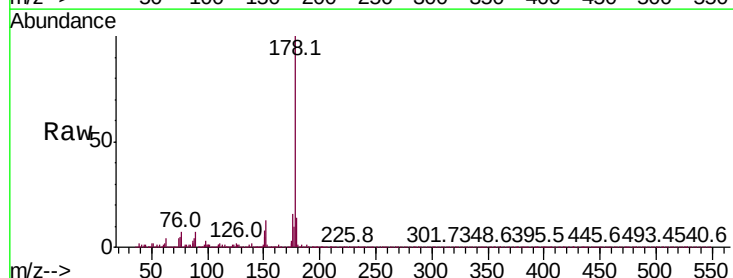
RT: 15.61 min Scan# 2299

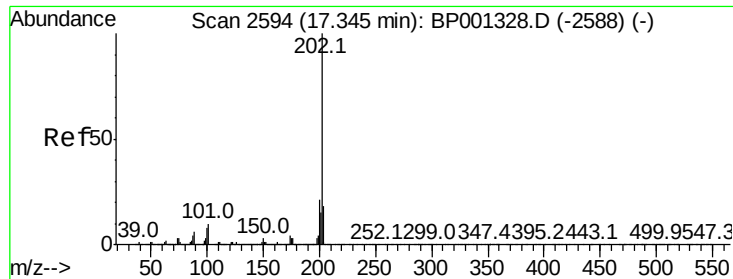
Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Tgt Ion:	178	Resp:	40516
Ion Ratio	Lower	Upper	
178	100		
176	16.1	15.4	23.0
179	14.2	12.2	18.2





#75

Fluoranthene

Concen: 4.445 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Instrument :

BNA_P

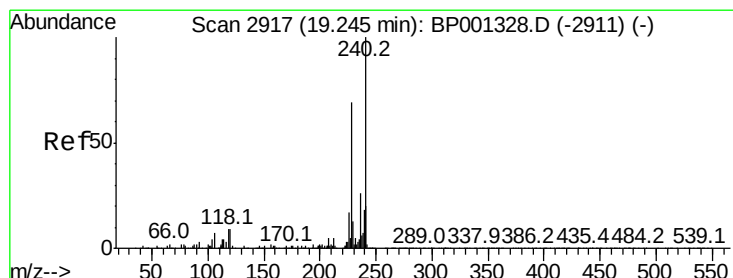
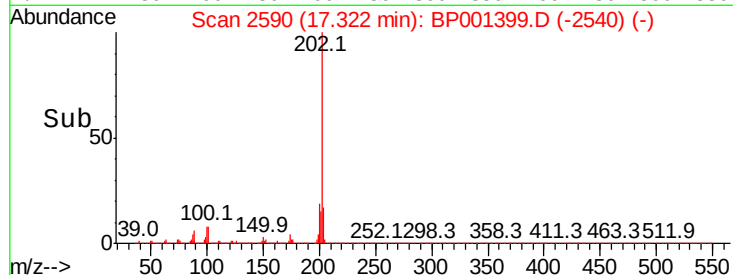
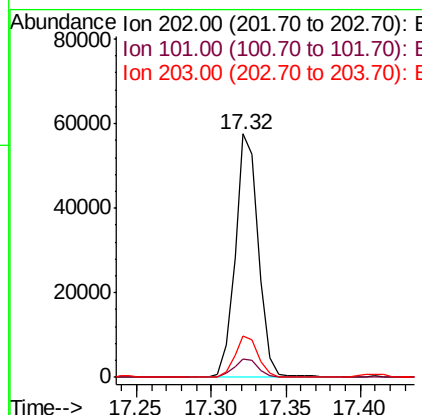
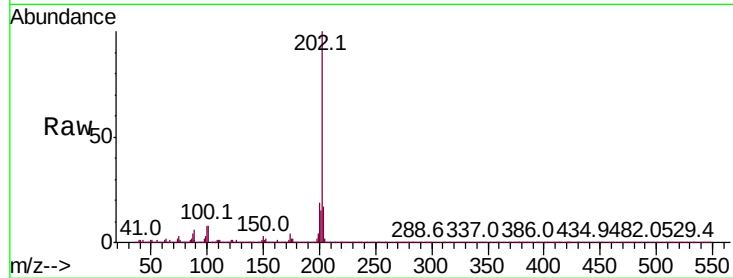
ClientSampleId :

K005-AA-WC-2

Tot Ion:	202	Resp:	62258
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	28.7
203	17.1	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

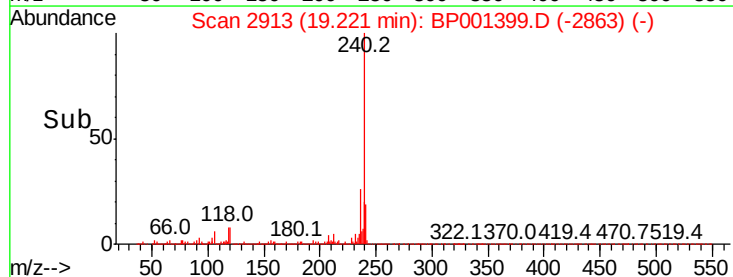
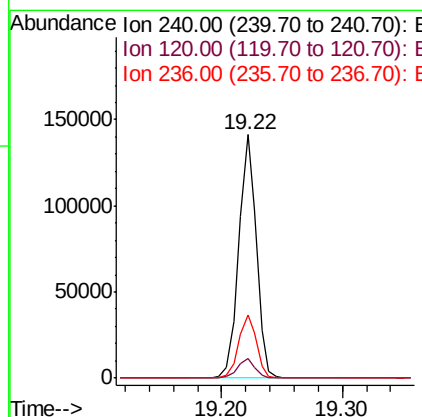
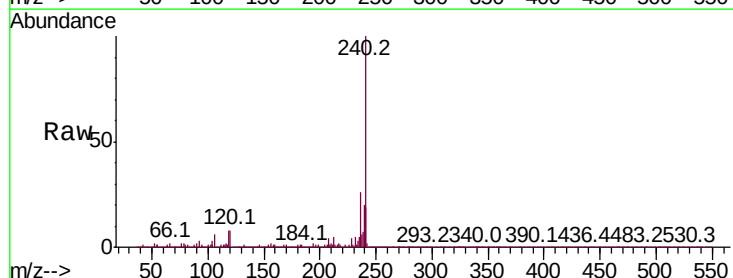
RT: 19.22 min Scan# 2913

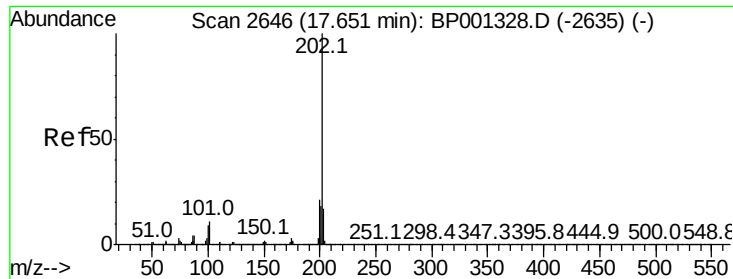
Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Tgt Ion:	240	Resp:	143795
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.2	9.2
236	26.0	20.2	30.2





#78

Pvrene

Concen: 4.999 ng

RT: 17.63 min Scan# 2642

Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Instrument :

BNA_P

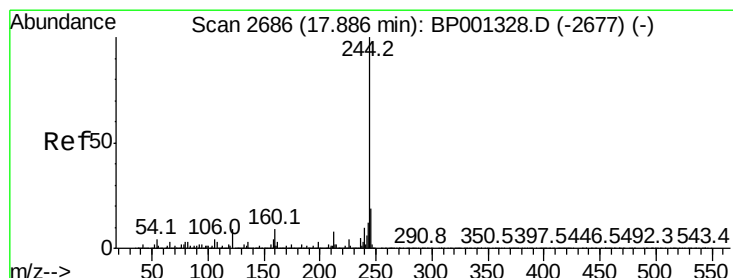
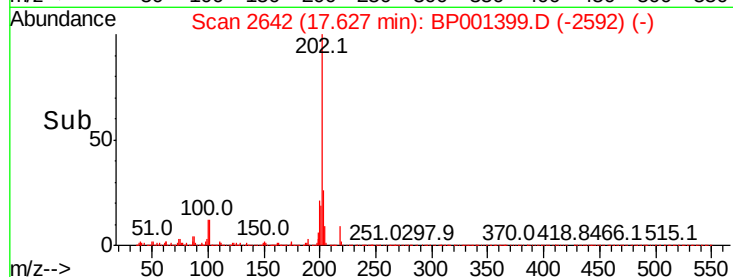
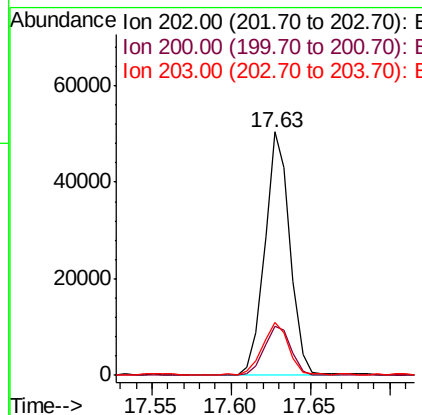
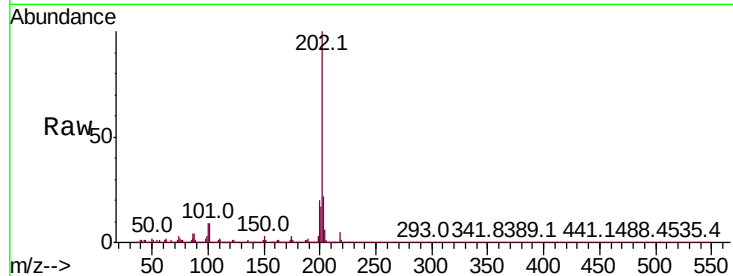
ClientSampleId :

K005-AA-WC-2

Tot Ion:	202	Resp:	55811
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	25.0
203	21.7	14.3	21.5#

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#79

Terphenyl-d14

Concen: 64.475 ng

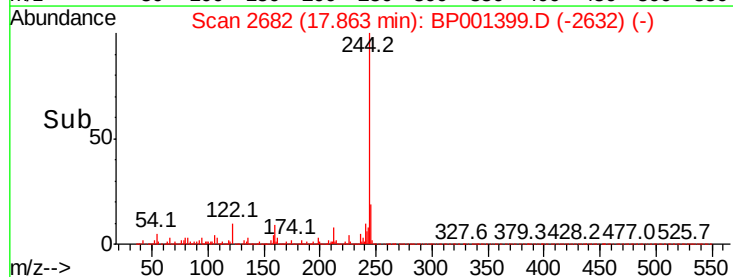
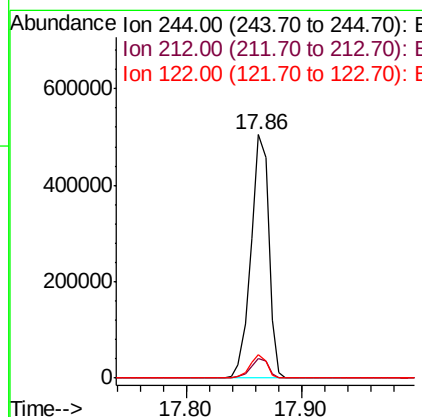
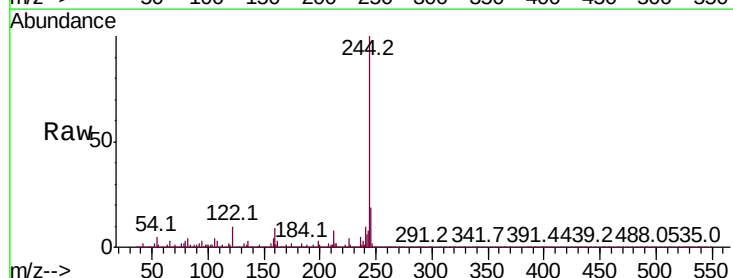
RT: 17.86 min Scan# 2682

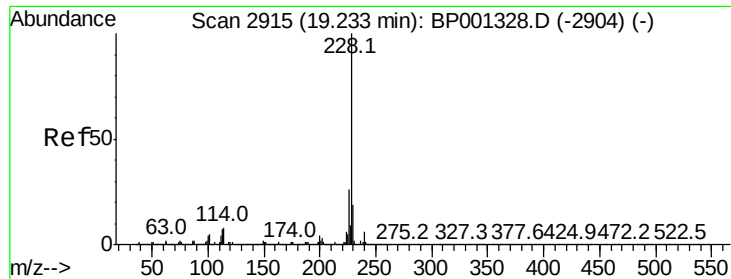
Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Tgt Ion:	244	Resp:	541296
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.8	8.8
122	9.7	6.4	9.6#





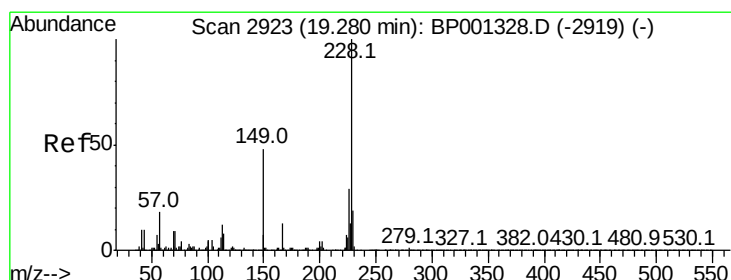
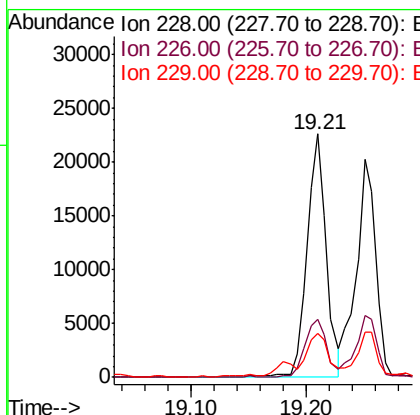
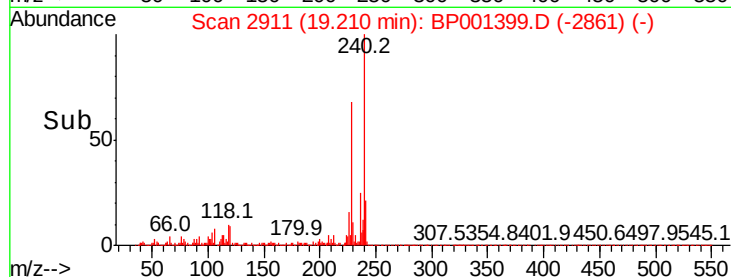
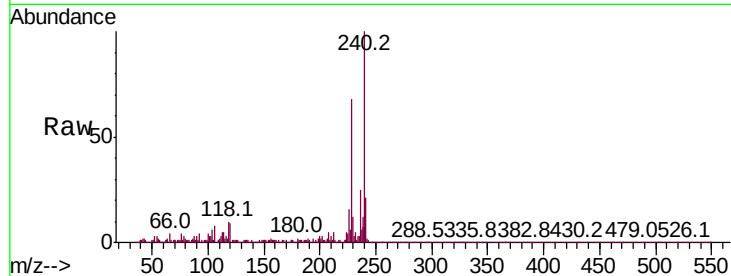
#81
Benzo(a)anthracene
Concen: 2.513 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	23.8	21.4	32.2
229	18.0	15.7	23.5

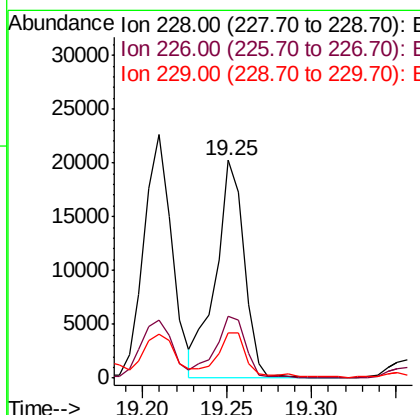
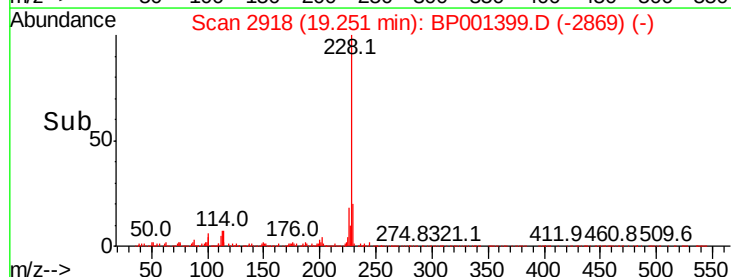
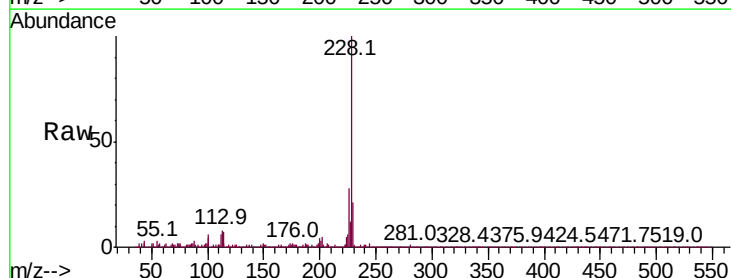
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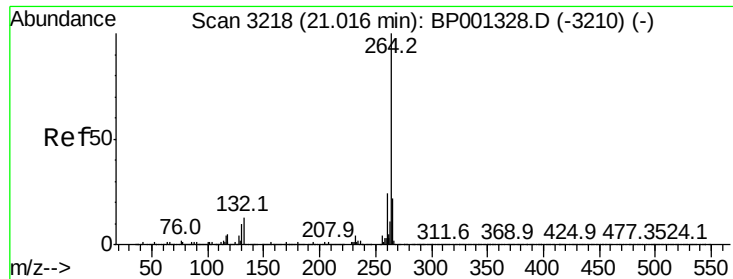
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#83
Chrysene
Concen: 2.374 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.7	15.5	23.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Instrument :

BNA_P

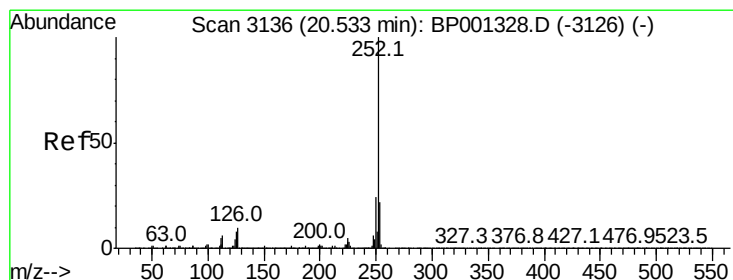
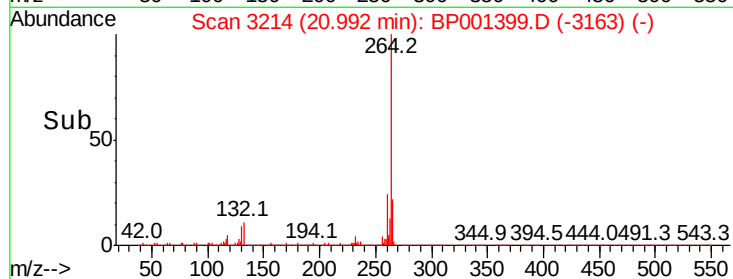
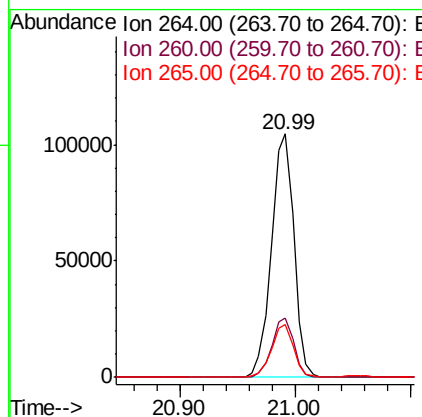
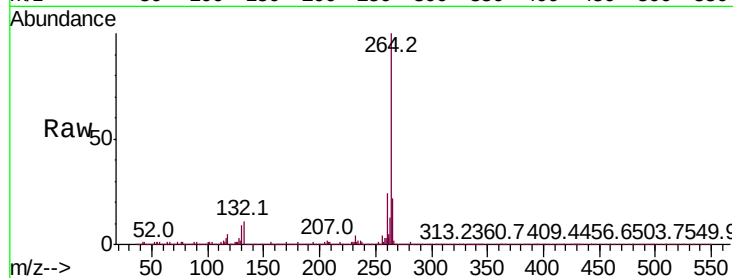
ClientSampleId :

K005-AA-WC-2

Tot Ion:	264	Resp:	142472
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.0	28.4
265	21.7	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 2.956 ng m

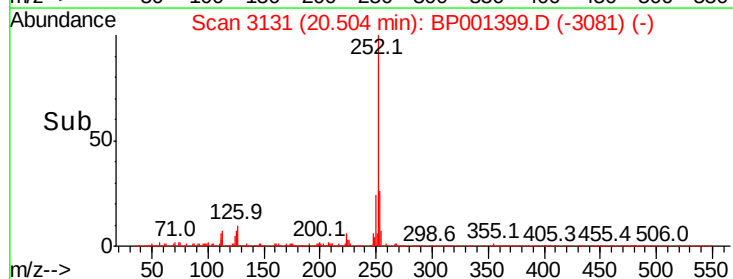
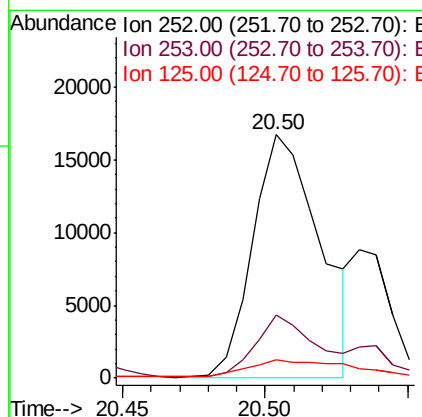
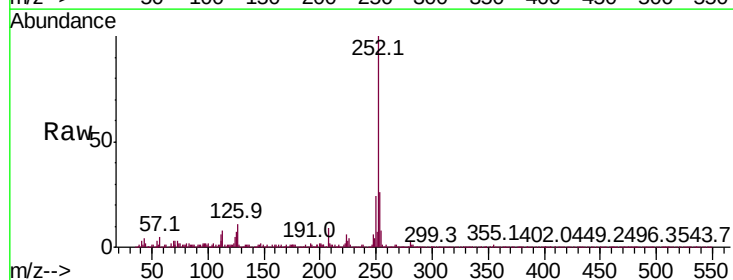
RT: 20.50 min Scan# 3131

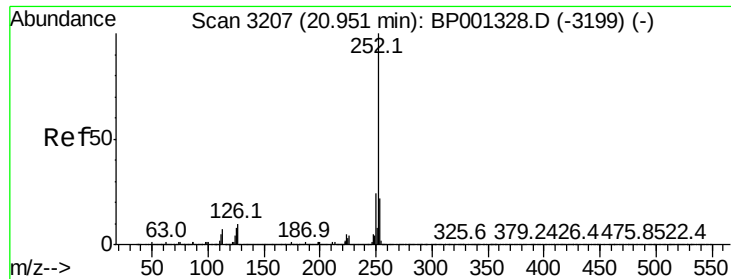
Delta R.T. -0.01 min

Lab File: BP001399.D

Acq: 24 Dec 2019 21:34

Tgt Ion:	252	Resp:	27661
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.5	26.3
125	7.3	5.6	8.4





#90
Benzo(a)pyrene
Concen: 2.336 ng
RT: 20.92 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BP001399.D
Acq: 24 Dec 2019 21:34

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	8.1	5.2	7.8

Manual Integrations
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