

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000310.D
 Acq On : 18 Sep 2019 20:27
 Operator : HP/JU
 Sample : K4668-08 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-091719

Manual Integrations
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 9/19/2019 11:07:17 AM

Quant Time: Sep 19 04:50:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	317087	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1150892	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	624108	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1073826	20.00	ng	0.00
76) Chrysene-d12	14.00	240	812088	20.00	ng	0.00
87) Perylene-d12	15.49	264	880041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	838681	45.66	ng	0.01
7) Phenol-d6	6.43	99	1071251	47.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	556313	31.19	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	326018	52.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1340419	38.66	ng	0.00
79) Terphenyl-d14	12.93	244	1375877	35.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	172825	4.064	ng	98
71) Phenanthrene	11.35	178	148776	2.765	ng	99
75) Fluoranthene	12.56	202	1004060	17.376	ng	96
78) Pyrene	12.79	202	1098310	18.077	ng	99
81) Benzo(a)anthracene	13.99	228	878160	17.119	ng	95
83) Chrysene	14.02	228	724652	14.388	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	518589m	8.447	ng	
88) Benzo(b)fluoranthene	15.05	252	1179894m	22.474	ng	
89) Benzo(k)fluoranthene	15.07	252	417545m	9.118	ng	
90) Benzo(a)pyrene	15.42	252	867506	18.160	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	132486	2.975	ng	# 85
92) Benzo(a,h,i)perylene	17.43	276	447007	9.764	ng	97

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

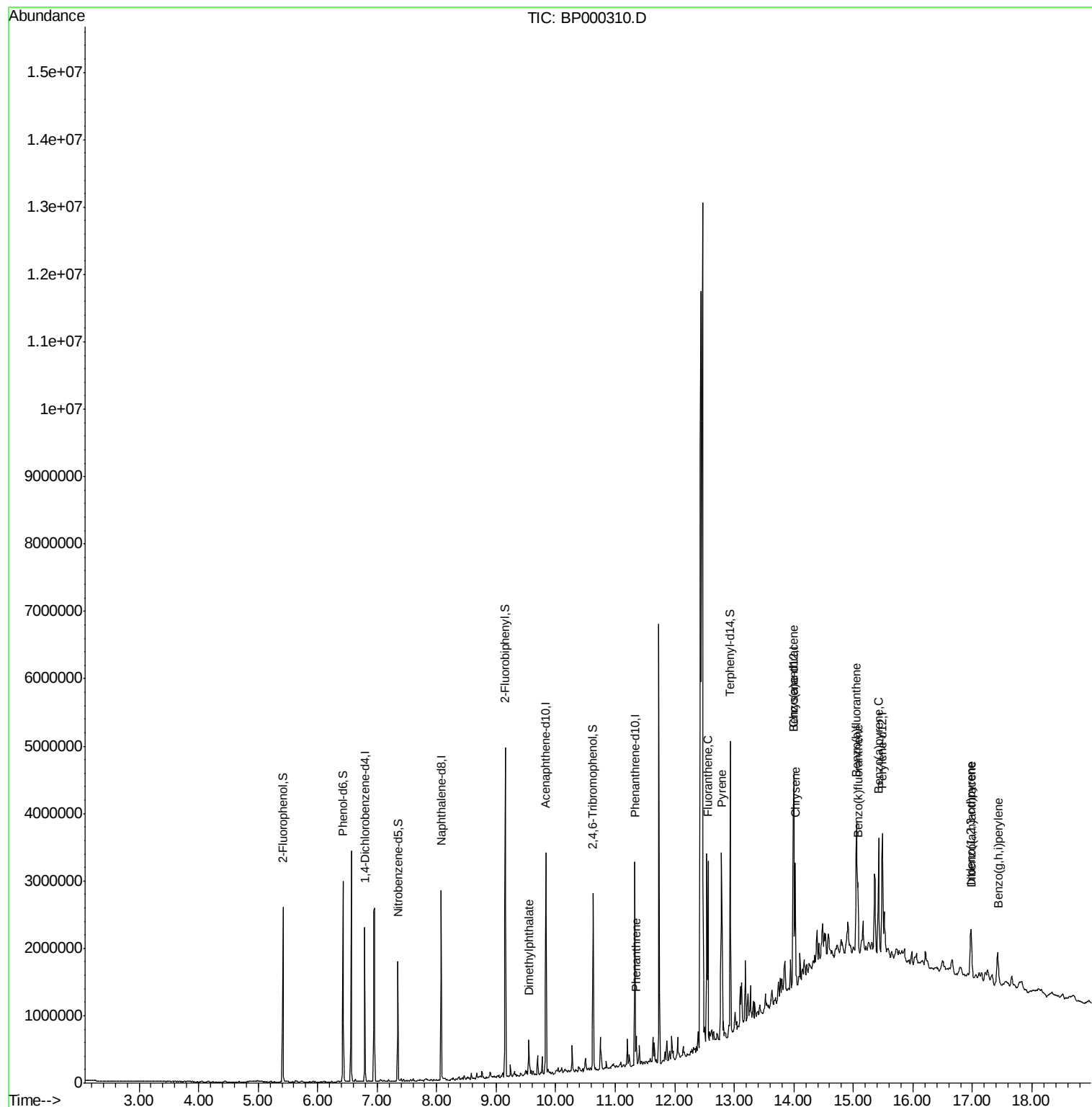
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
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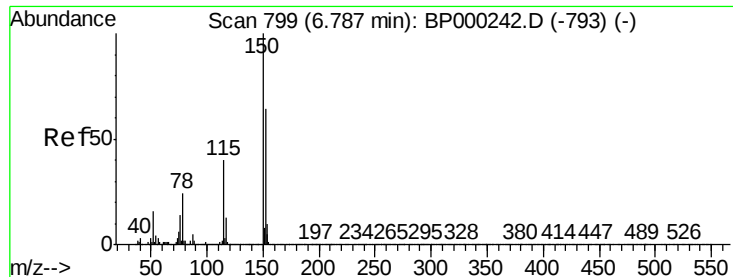
Instrument :
BNA_P
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SU-01-091719

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
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#1

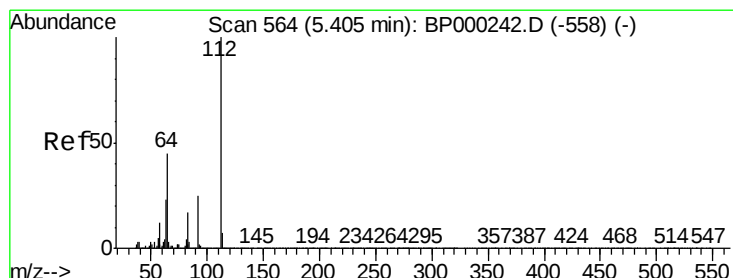
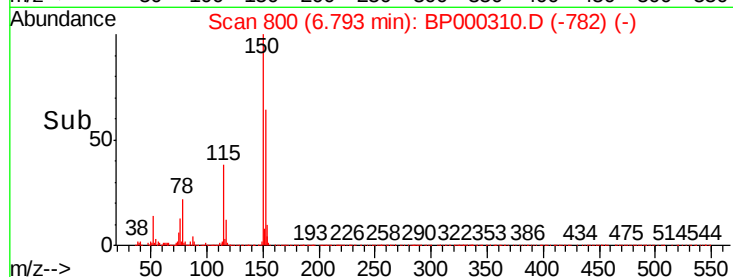
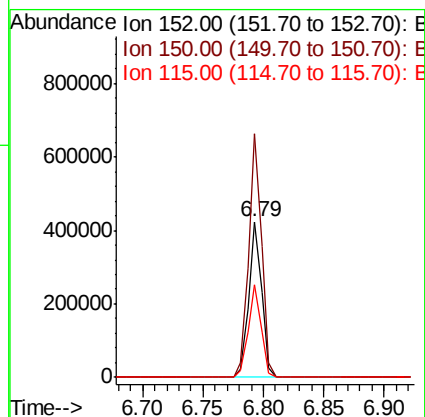
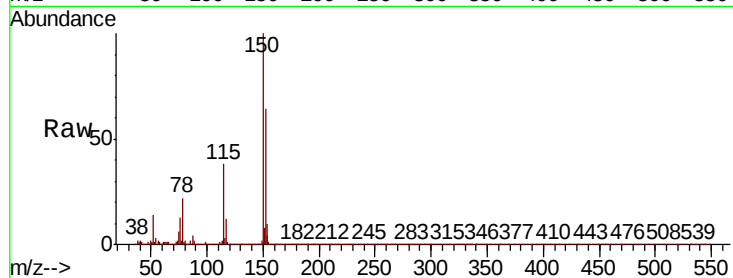
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
SU-01-091719

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.2	187.8
115	59.1	49.7	74.5

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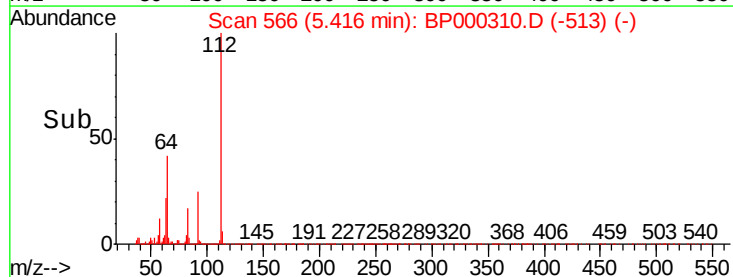
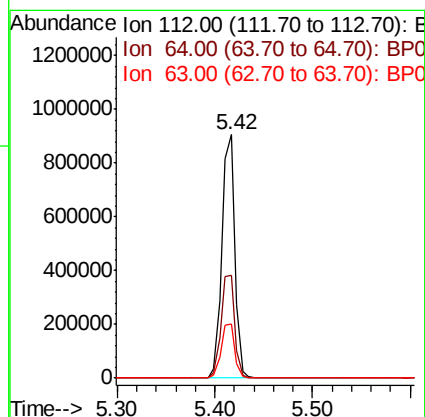
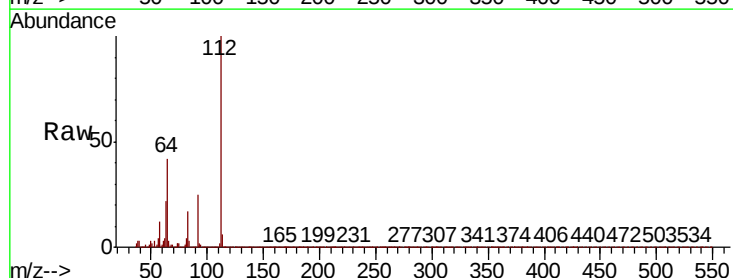
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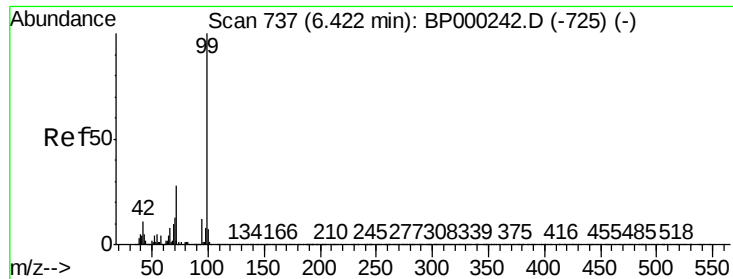


#5

2-Fluorophenol
Concen: 45.661 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.5	36.2	54.4
63	22.1	18.3	27.5





#7

Phenol-d6

Concen: 47.580 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000310.D

Acq: 18 Sep 2019 20:27

Instrument :

BNA_P

ClientSampleId :

SU-01-091719

Tot Ion: 99 Resp: 1071251

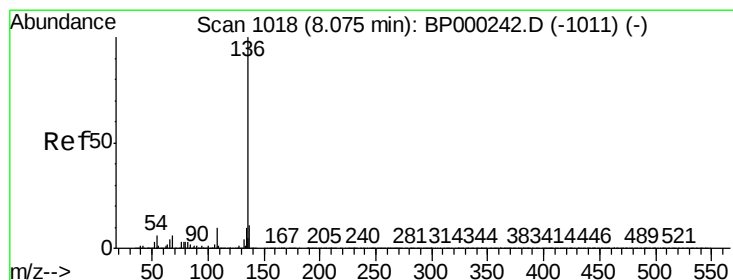
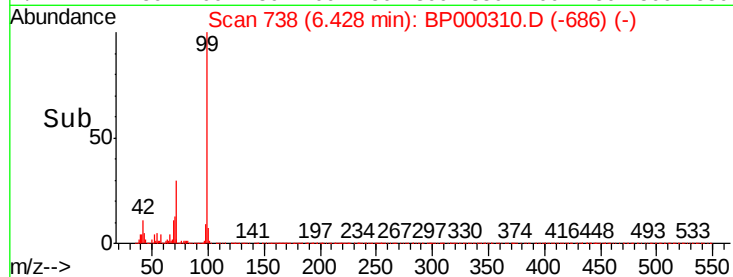
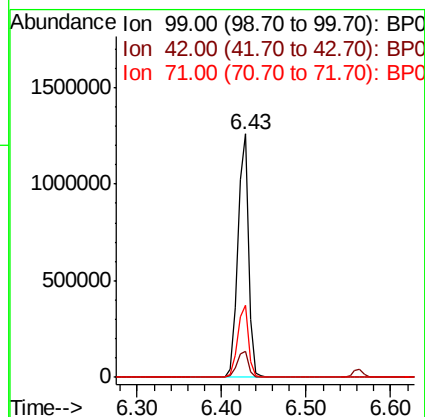
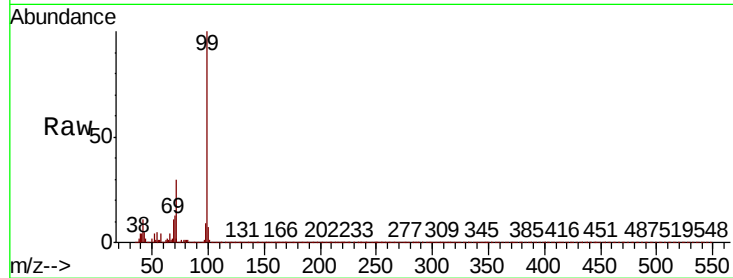
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.6	22.6	34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

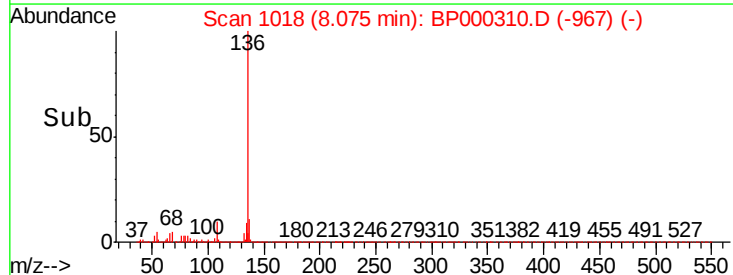
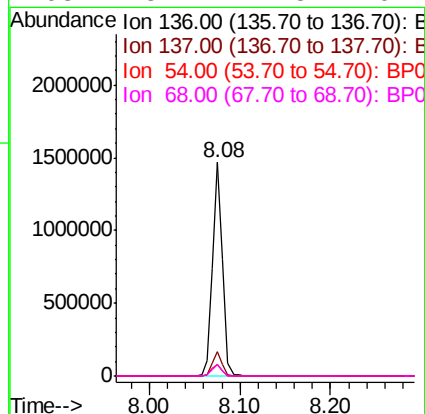
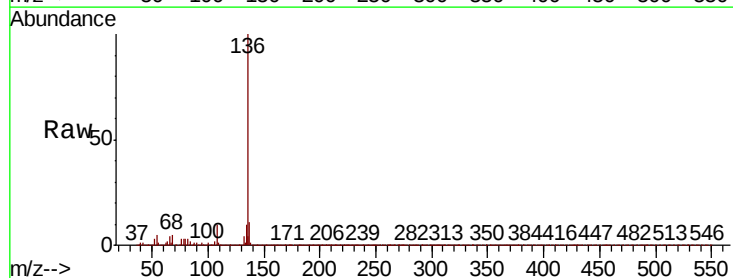
Delta R.T. -0.00 min

Lab File: BP000310.D

Acq: 18 Sep 2019 20:27

Tgt Ion: 136 Resp: 1150892

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	5.4	4.5	6.7
68	5.4	4.5	6.7





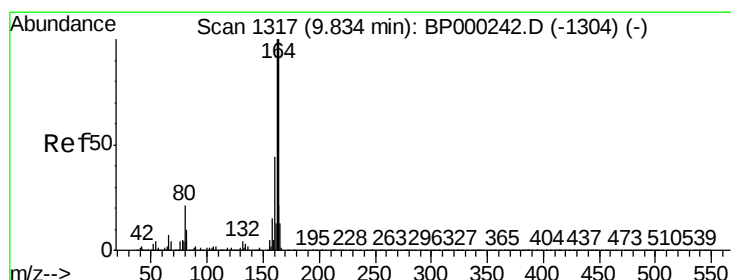
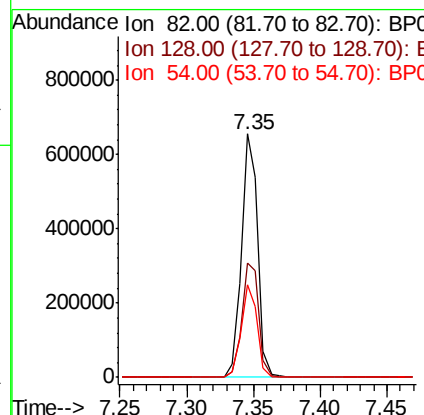
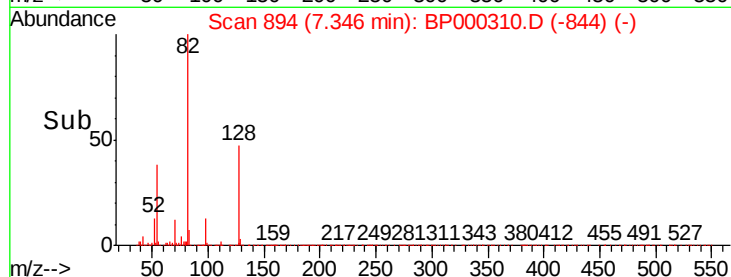
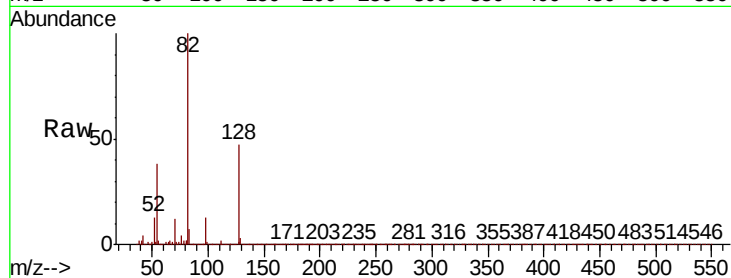
#23
 Nitrobenzene-d5
 Concen: 31.187 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000310.D
 Acq: 18 Sep 2019 20:27

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-091719

Tot Ion:	82	Resp:	556313
Ion Ratio	Lower	Upper	
82	100		
128	46.8	40.7	61.1
54	38.0	30.1	45.1

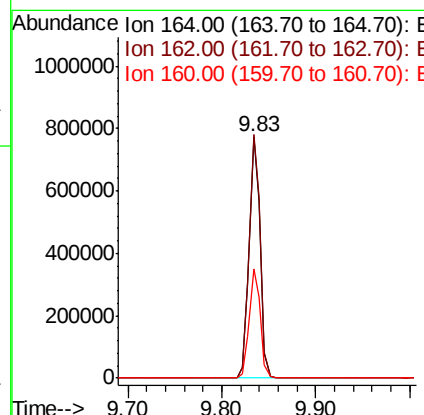
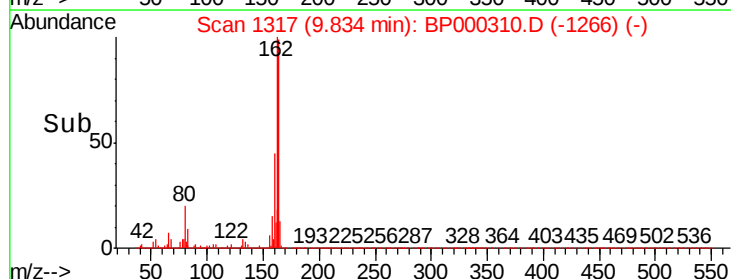
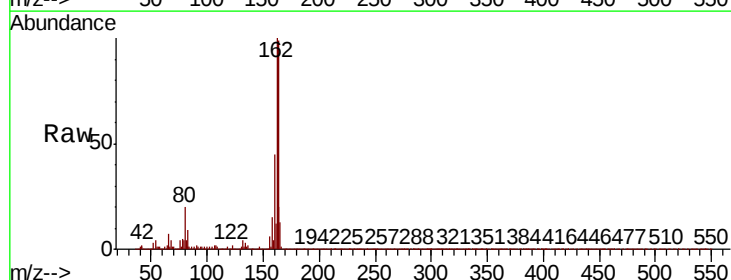
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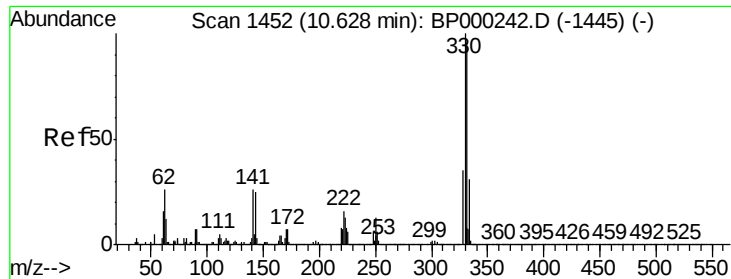
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000310.D
 Acq: 18 Sep 2019 20:27

Tgt Ion:	164	Resp:	624108
Ion Ratio	Lower	Upper	
164	100		
162	100.9	79.9	119.9
160	45.3	35.6	53.4





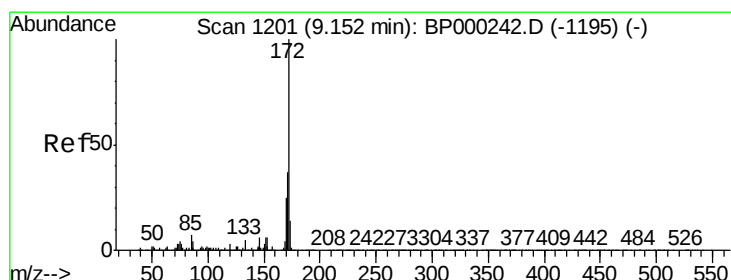
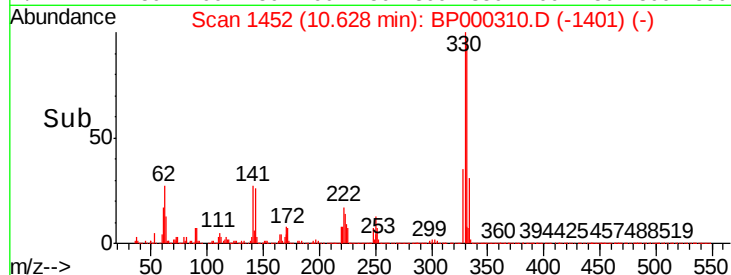
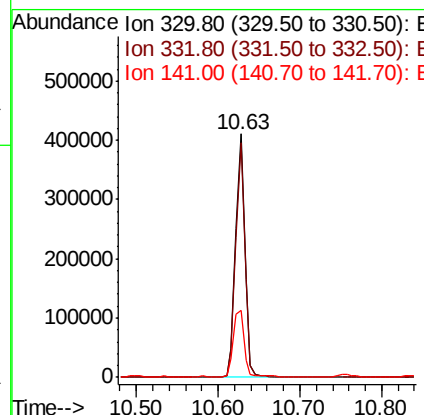
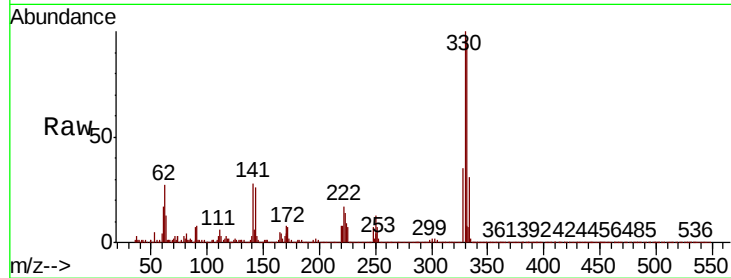
#42
 2,4,6-Tribromophenol
 Concen: 52.666 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000310.D
 Acq: 18 Sep 2019 20:27

Instrument :
 BNA_P
 ClientSampled :
 SU-01-091719

Tot Ion	Ratio	Resp	Lower	Upper
330	100	326018		
332	95.5	76.6	115.0	
141	30.8	26.5	39.7	

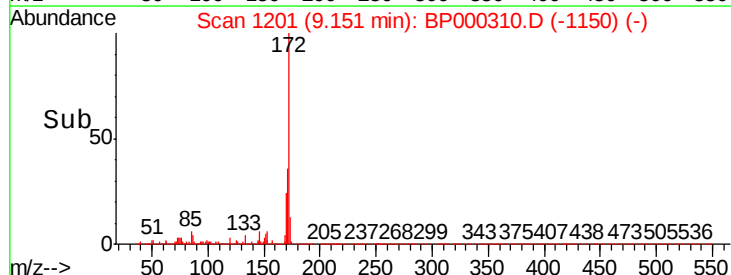
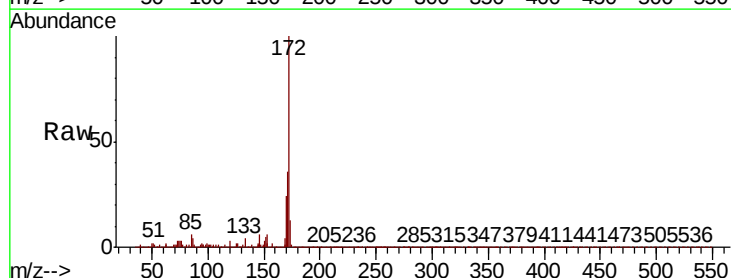
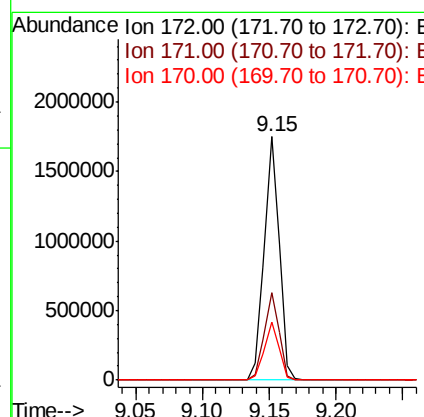
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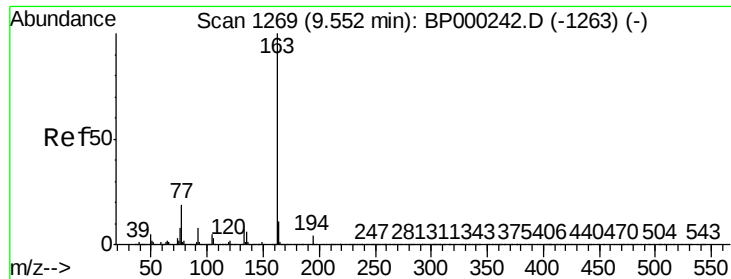
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#45
 2-Fluorobiphenyl
 Concen: 38.655 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000310.D
 Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1340419		
171	35.8	29.8	44.6	
170	23.6	19.8	29.6	





#50

Dimethylphthalate

Concen: 4.064 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000310.D

Acq: 18 Sep 2019 20:27

Instrument :

BNA_P

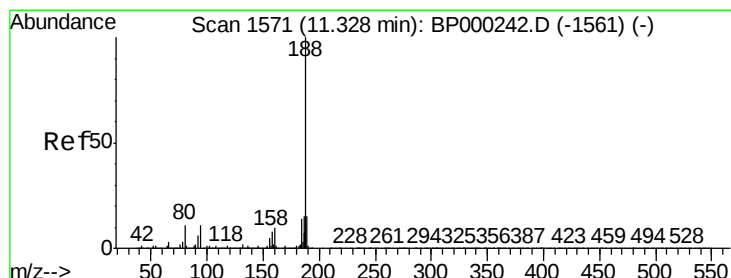
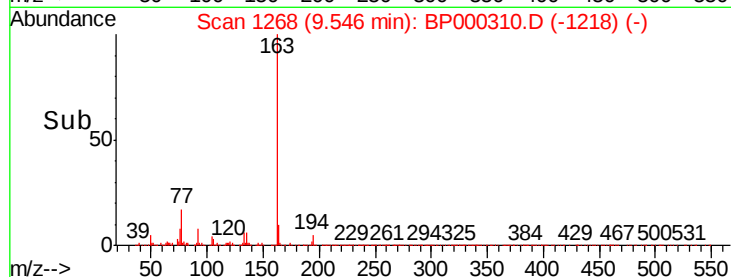
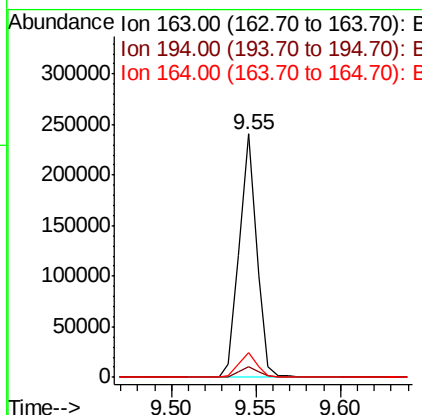
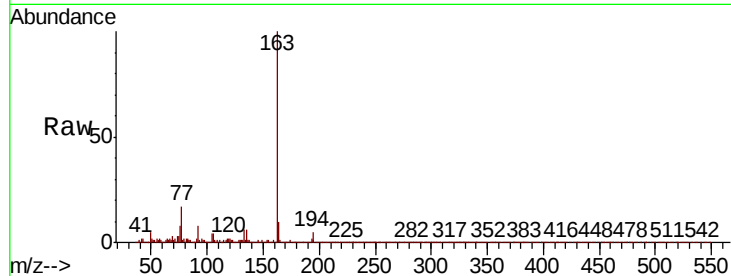
ClientSampleId :

SU-01-091719

Tot Ion:	163	Resp:	172825
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	10.0	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

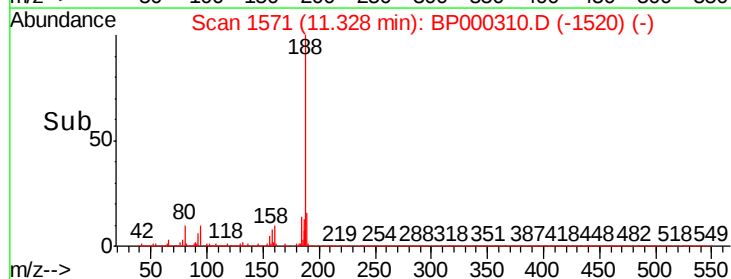
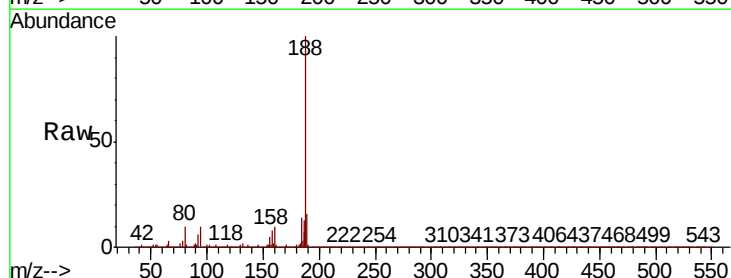
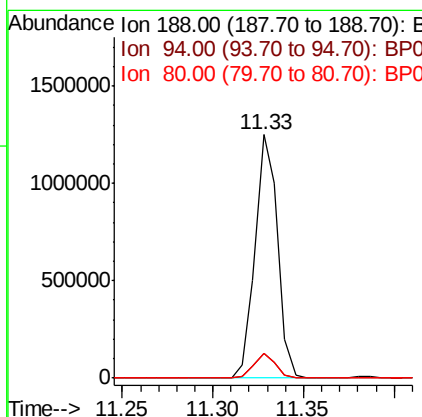
RT: 11.33 min Scan# 1571

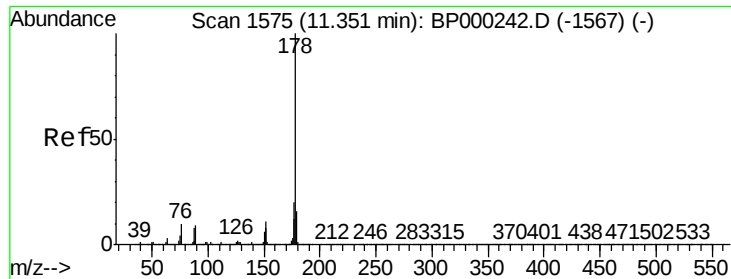
Delta R.T. -0.00 min

Lab File: BP000310.D

Acq: 18 Sep 2019 20:27

Tgt Ion:	188	Resp:	1073826
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	10.1	8.6	13.0





#71

Phenanthrene

Concen: 2.765 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000310.D

Acq: 18 Sep 2019 20:27

Instrument :

BNA_P

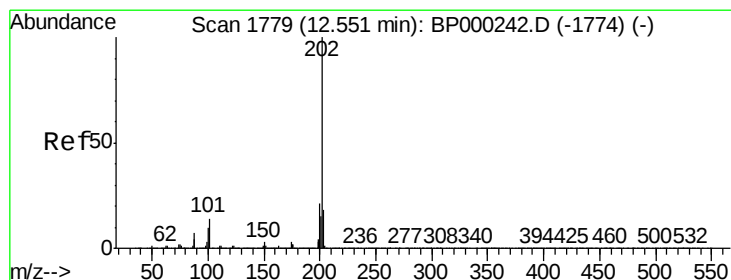
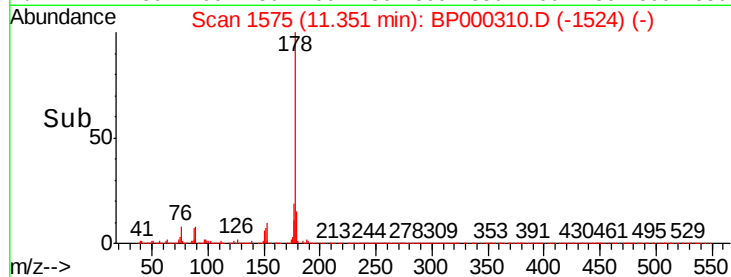
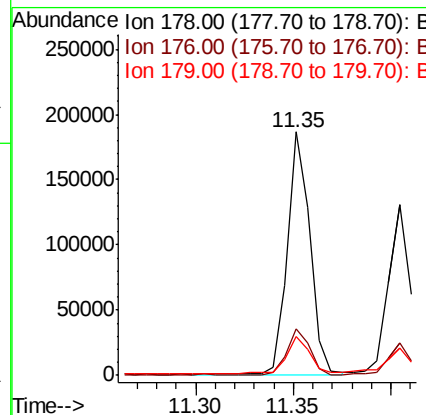
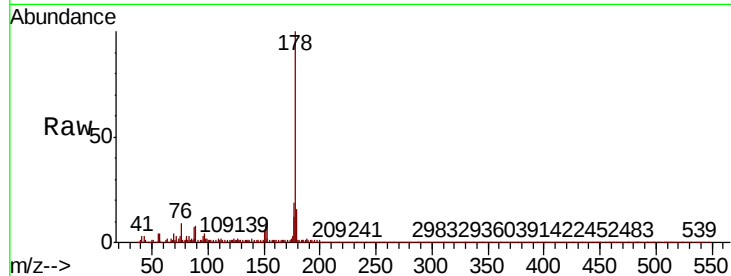
ClientSampleId :

SU-01-091719

Tot Ion:	178	Resp:	148776
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.8
179	15.7	12.7	19.1

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#75

Fluoranthene

Concen: 17.376 ng

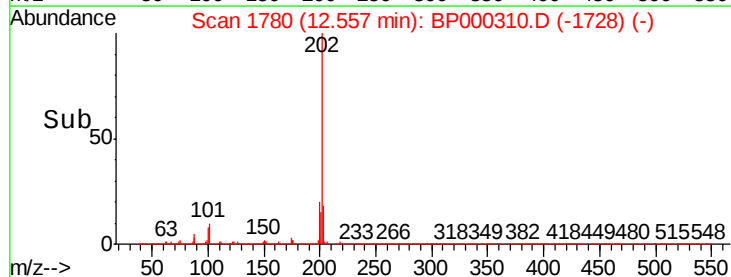
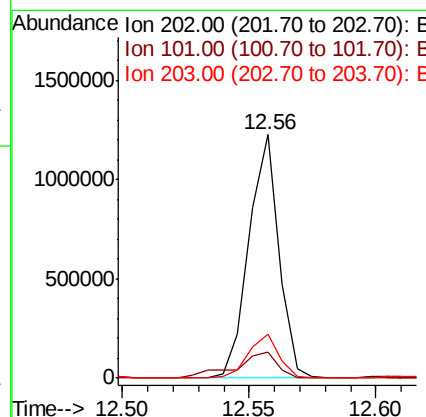
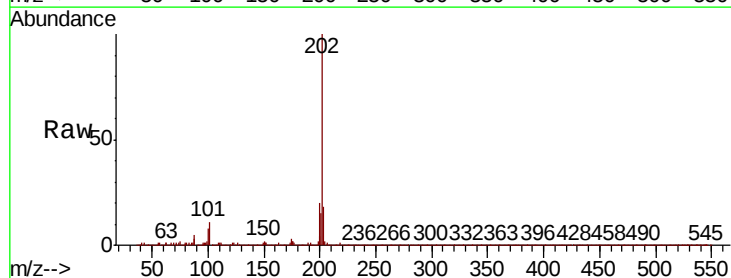
RT: 12.56 min Scan# 1780

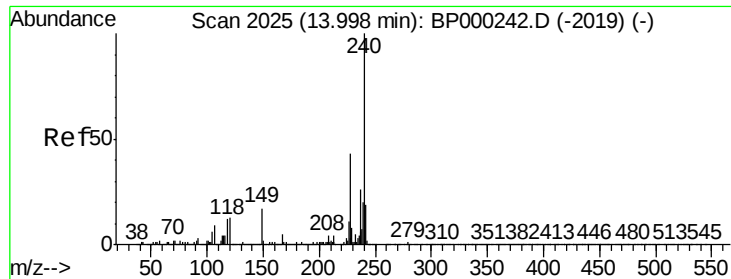
Delta R.T. 0.01 min

Lab File: BP000310.D

Acq: 18 Sep 2019 20:27

Tgt Ion:	202	Resp:	1004060
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	33.9
203	17.8	0.0	38.0





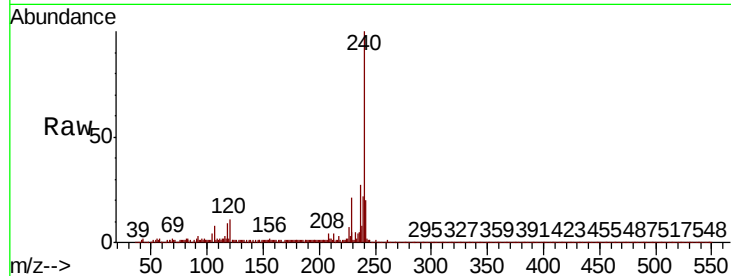
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Instrument :
BNA_P
ClientSampled :
SU-01-091719

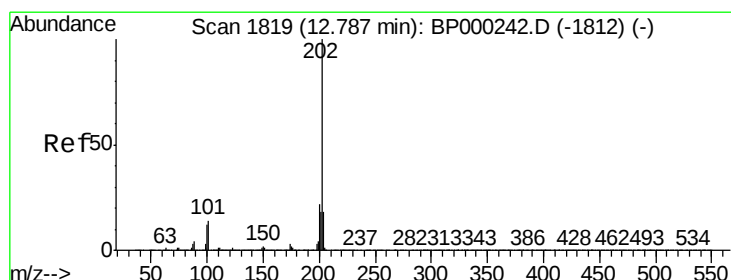
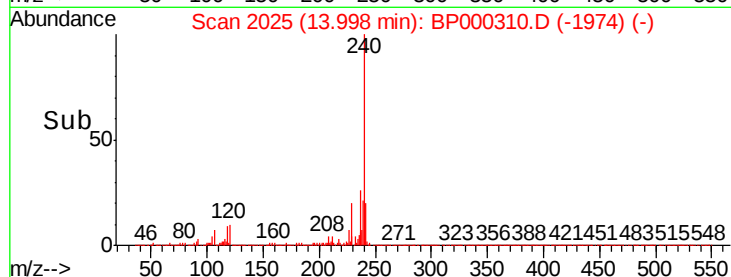
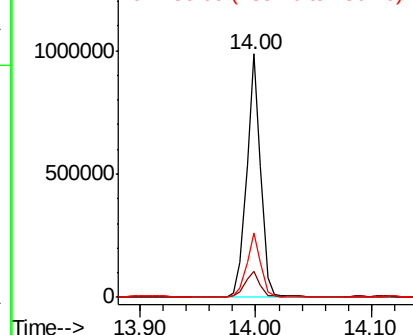
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.4	15.6
236	26.6	21.0	31.6

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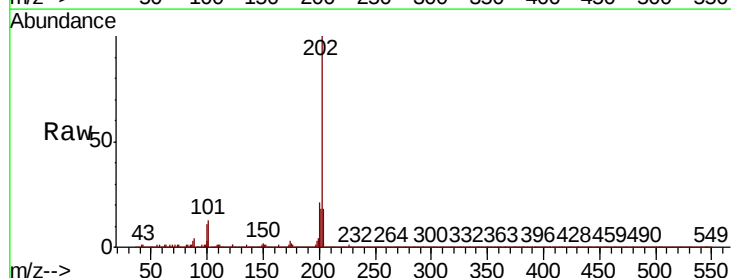


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

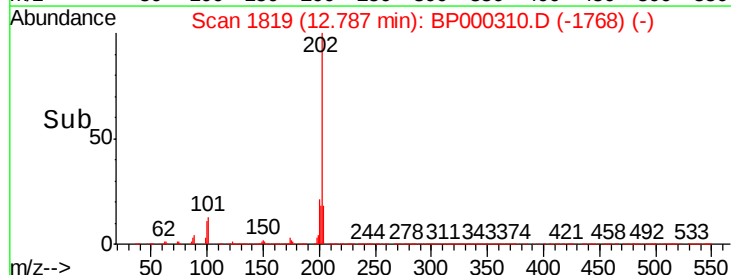
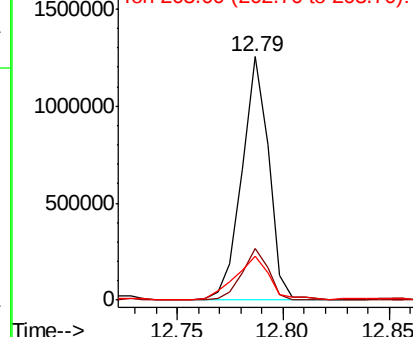


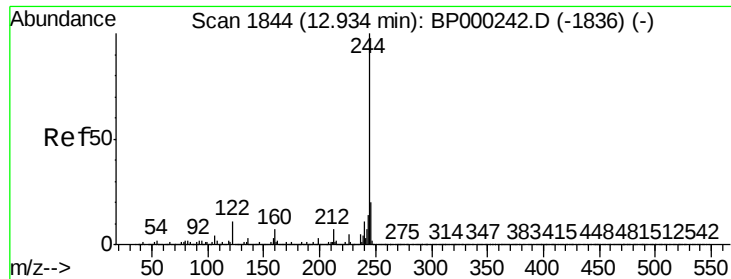
#78
Pyrene
Concen: 18.077 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.3	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





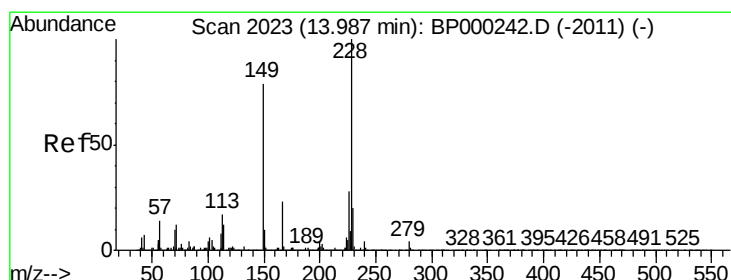
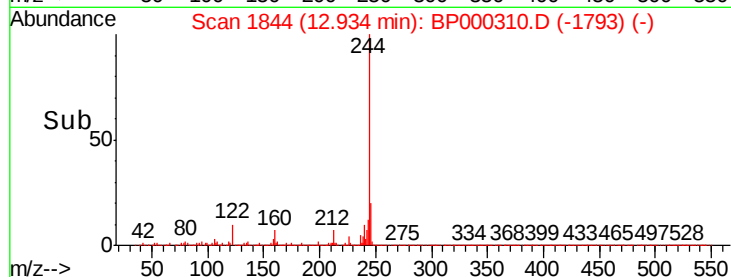
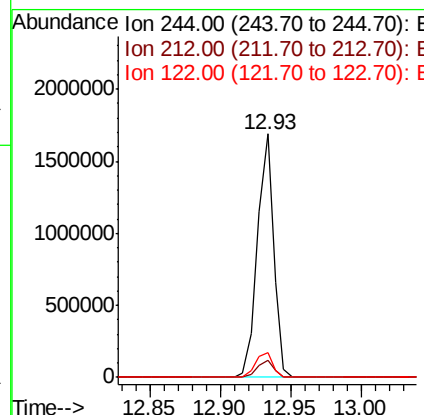
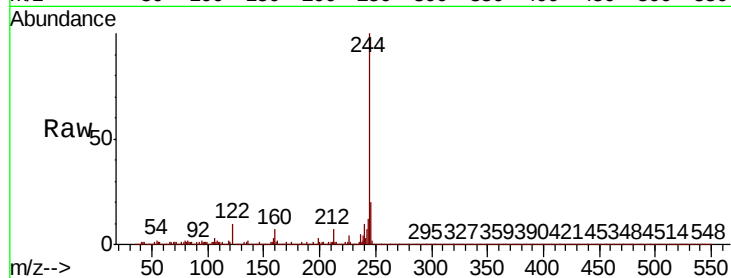
#79
 Terphenyl-d14
 Concen: 35.543 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000310.D
 Acq: 18 Sep 2019 20:27

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-091719

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.0	9.0	13.4

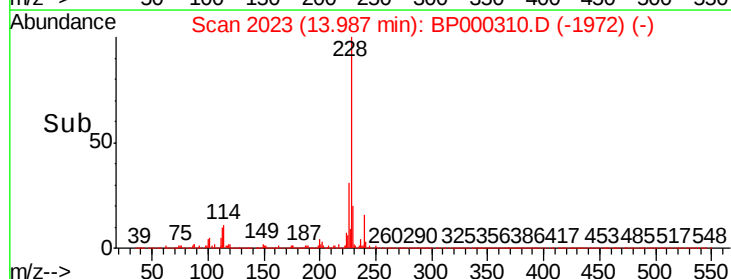
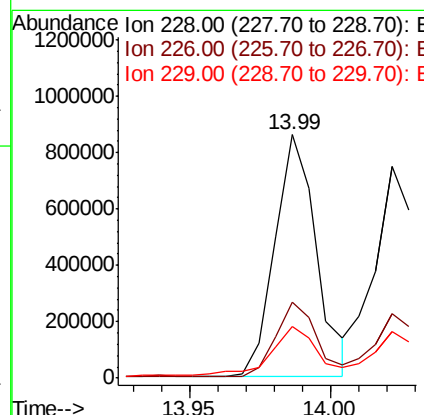
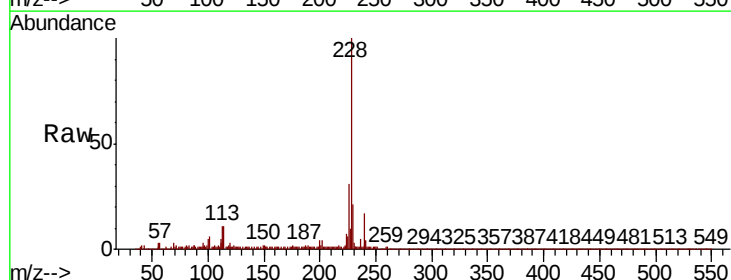
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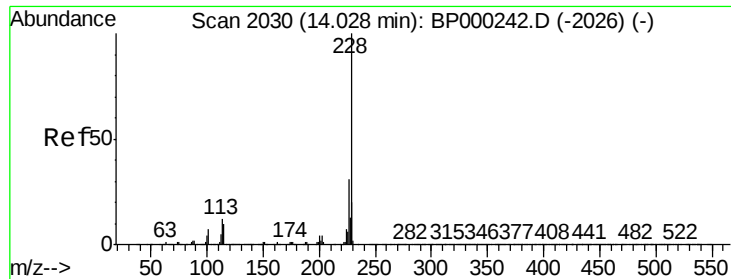
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#81
 Benzo(a)anthracene
 Concen: 17.119 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BP000310.D
 Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.2	33.4
229	21.1	16.0	24.0





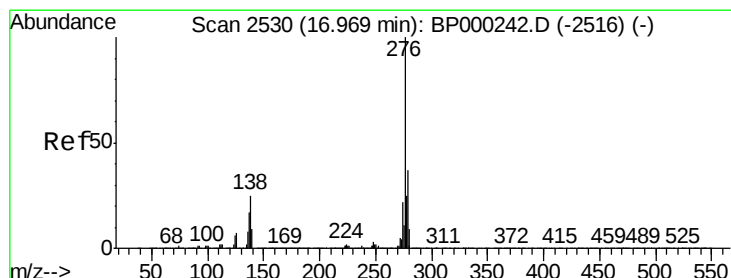
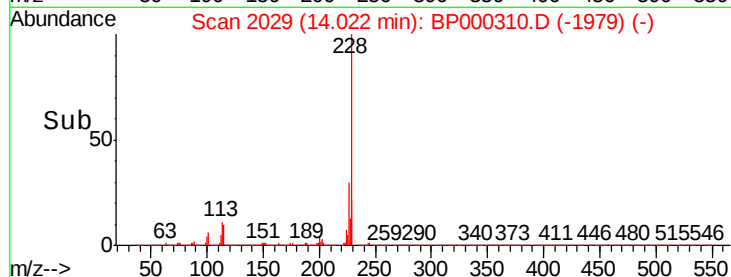
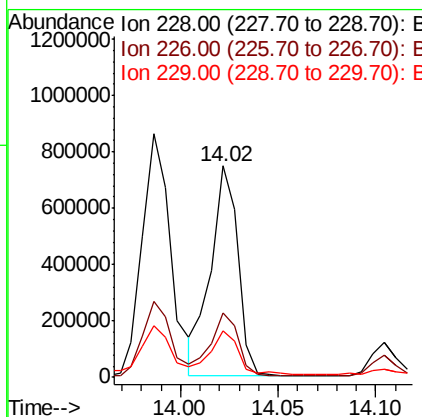
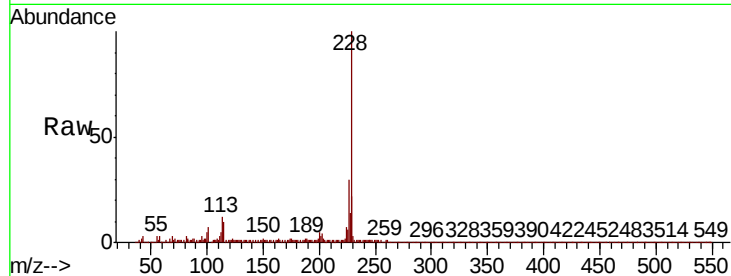
#83
Chrysene
Concen: 14.388 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
SU-01-091719

Tot Ion:	228	Resp:	724652
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	22.1	16.2	24.2

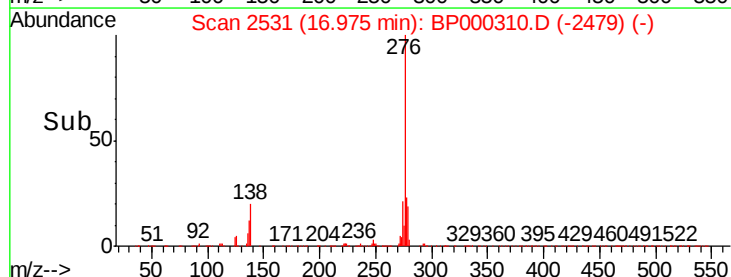
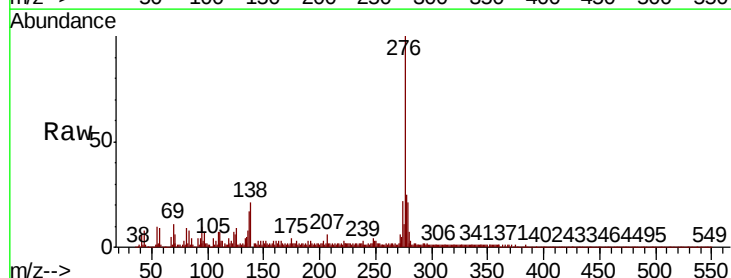
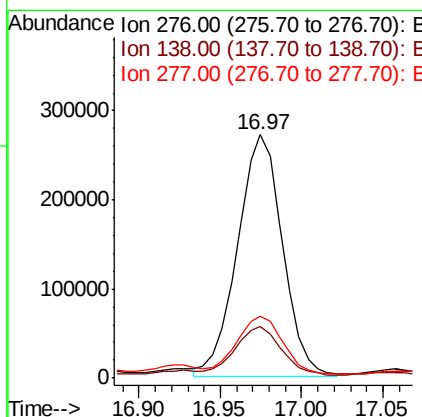
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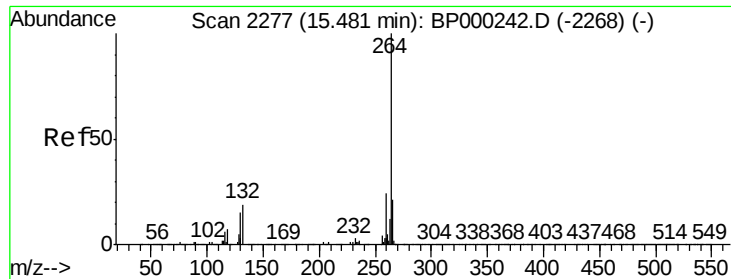
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#86
Indeno(1,2,3-cd)pyrene
Concen: 8.447 ng m
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Tgt Ion:	276	Resp:	518589
Ion Ratio	Lower	Upper	
276	100		
138	4.1	22.6	33.8#
277	5.0	20.4	30.6#





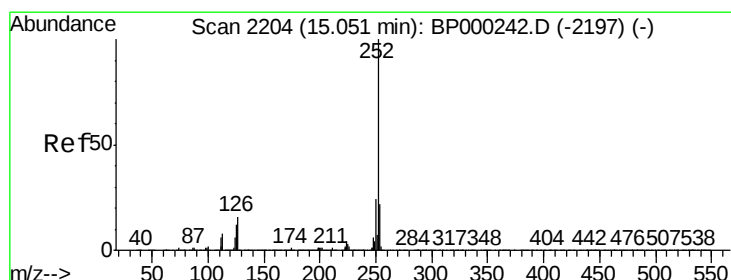
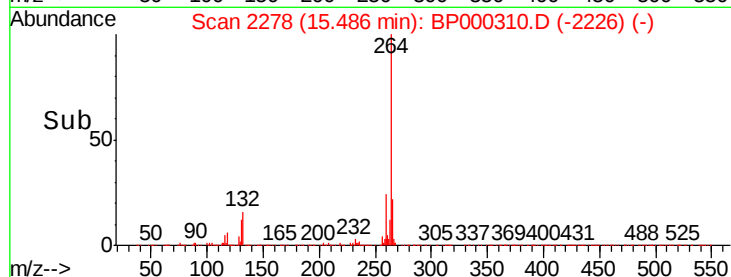
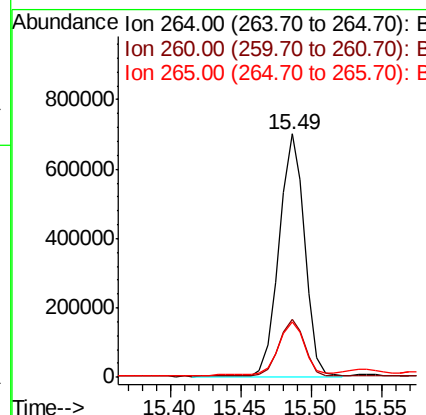
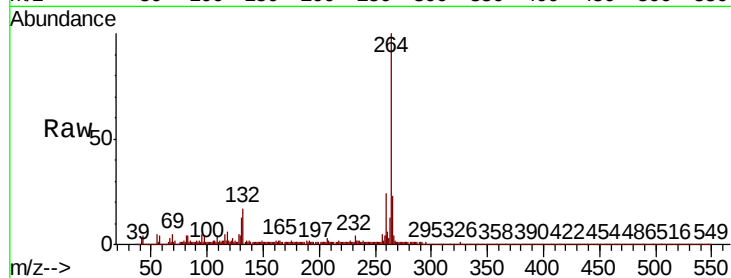
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
SU-01-091719

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.9	17.2	25.8

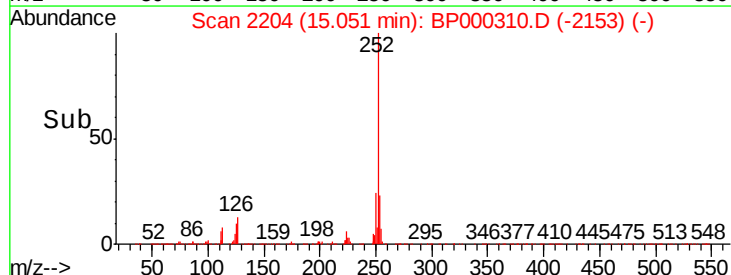
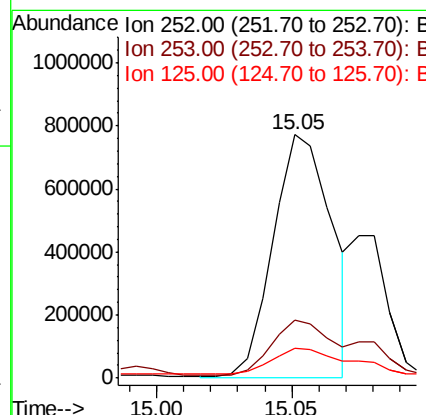
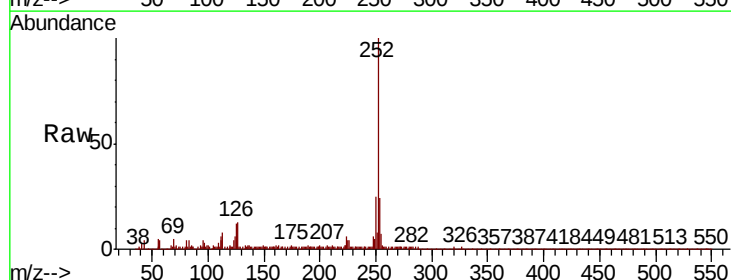
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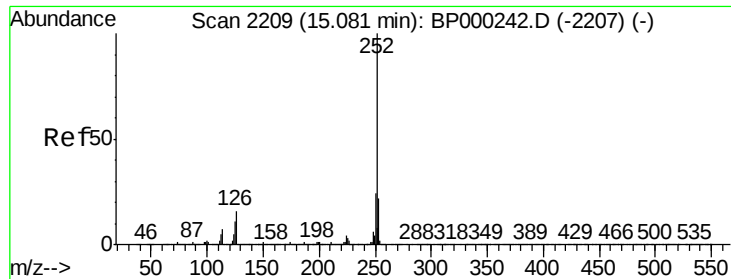
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#88
Benzo(b)fluoranthene
Concen: 22.474 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	12.0	9.5	14.3





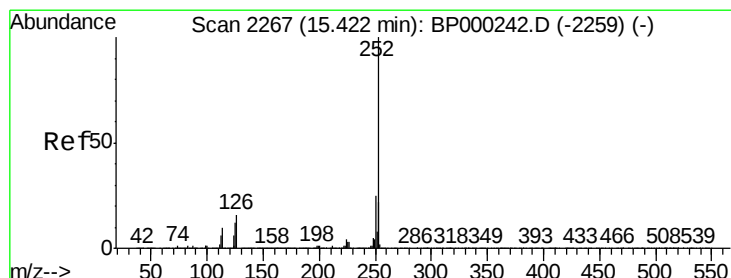
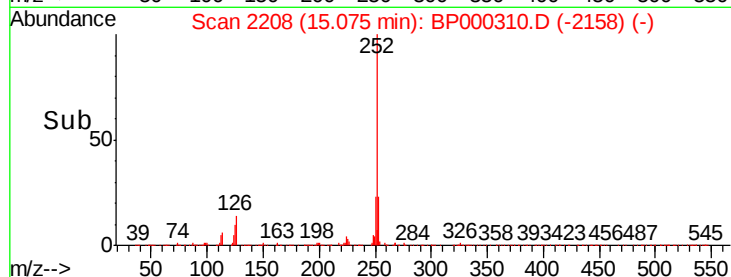
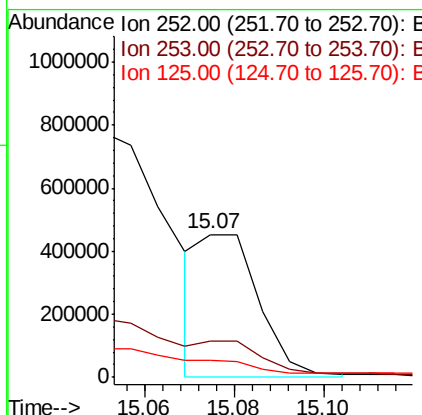
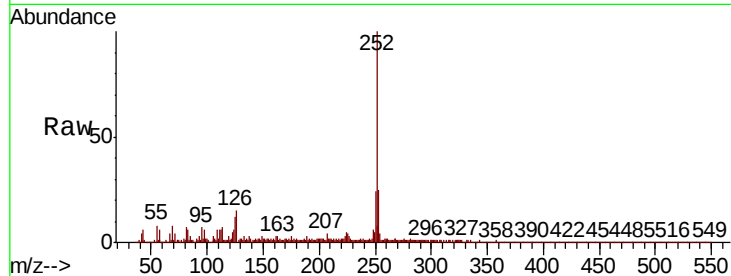
#89
Benzo(k)fluoranthene
Concen: 9.118 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
SU-01-091719

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	12.3	9.6	14.4

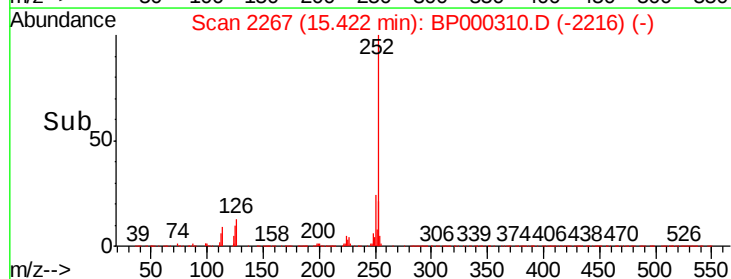
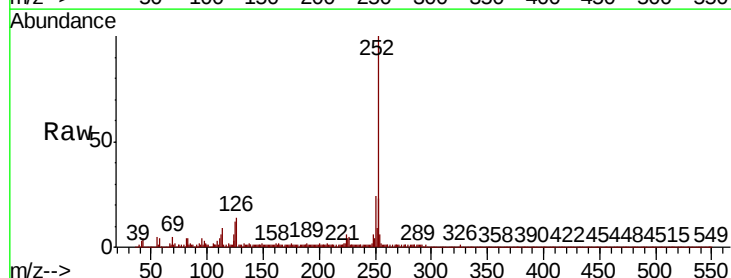
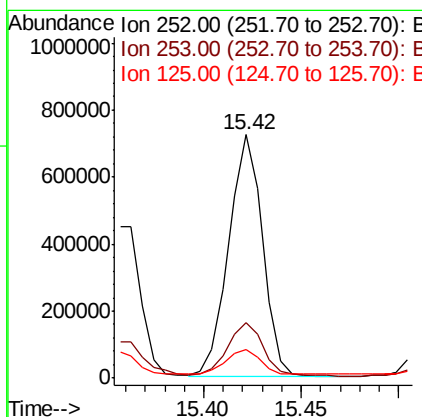
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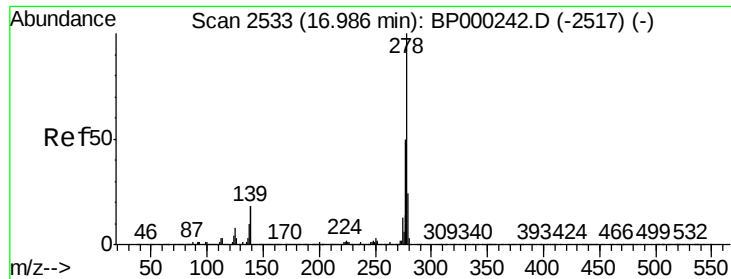
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#90
Benzo(a)pyrene
Concen: 18.160 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	11.7	10.0	15.0





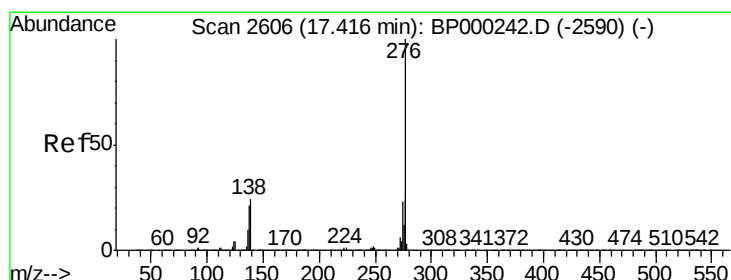
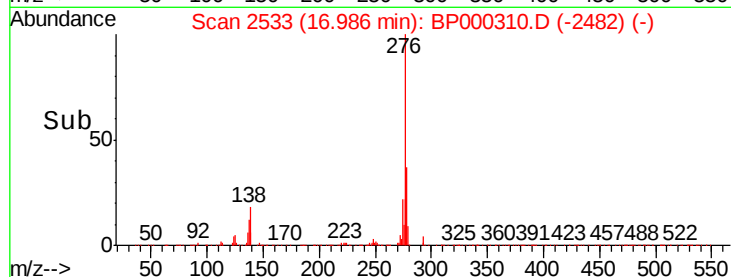
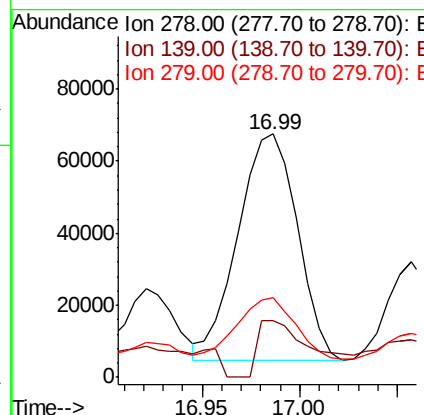
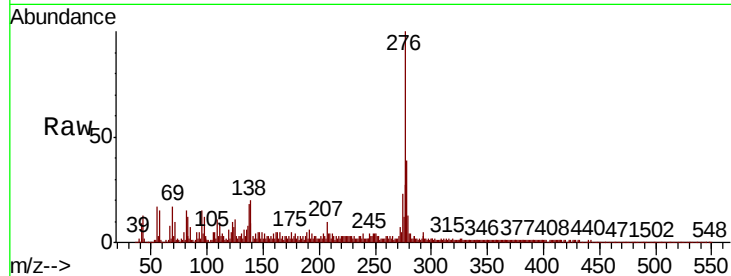
#91
Dibenzo(a,h)anthracene
Concen: 2.975 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :
SU-01-091719

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.5	14.5	21.7#
279	32.6	19.0	28.6#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.764 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BP000310.D
Acq: 18 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	21.4	19.5	29.3

