

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000304.D
 Acq On : 18 Sep 2019 18:01
 Operator : HP/JU
 Sample : K4931-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 290-371

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 11:07:12 AM

Quant Time: Sep 19 07:19:29 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	269445	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1010458	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	572815	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1049106	20.00	ng	0.00
76) Chrysene-d12	13.99	240	797379	20.00	ng	0.00
87) Perylene-d12	15.48	264	860279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1100085	70.48	ng	0.00
7) Phenol-d6	6.42	99	1460269	76.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	813926	51.97	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	522505	91.97	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1965899	61.77	ng	0.00
79) Terphenyl-d14	12.93	244	2317288	60.97	ng	0.00
Target Compounds						
10) Phenol	6.43	94	45183	2.079	ng	96
32) Benzoic acid	7.78	122	22022	2.374	ng	# 89
50) Dimethylphthalate	9.54	163	196254	5.029	ng	100
71) Phenanthrene	11.35	178	185839	3.535	ng	100
75) Fluoranthene	12.55	202	438918	7.775	ng	96
78) Pyrene	12.78	202	409621	6.866	ng	98
81) Benzo(a)anthracene	13.98	228	205486m	4.080	ng	
83) Chrysene	14.02	228	212111	4.289	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	163974	2.720	ng	# 91
88) Benzo(b)fluoranthene	15.05	252	326714m	6.366	ng	
90) Benzo(a)pyrene	15.41	252	210104	4.499	ng	96
92) Benzo(a,h,i)perylene	17.40	276	162336	3.627	ng	99

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

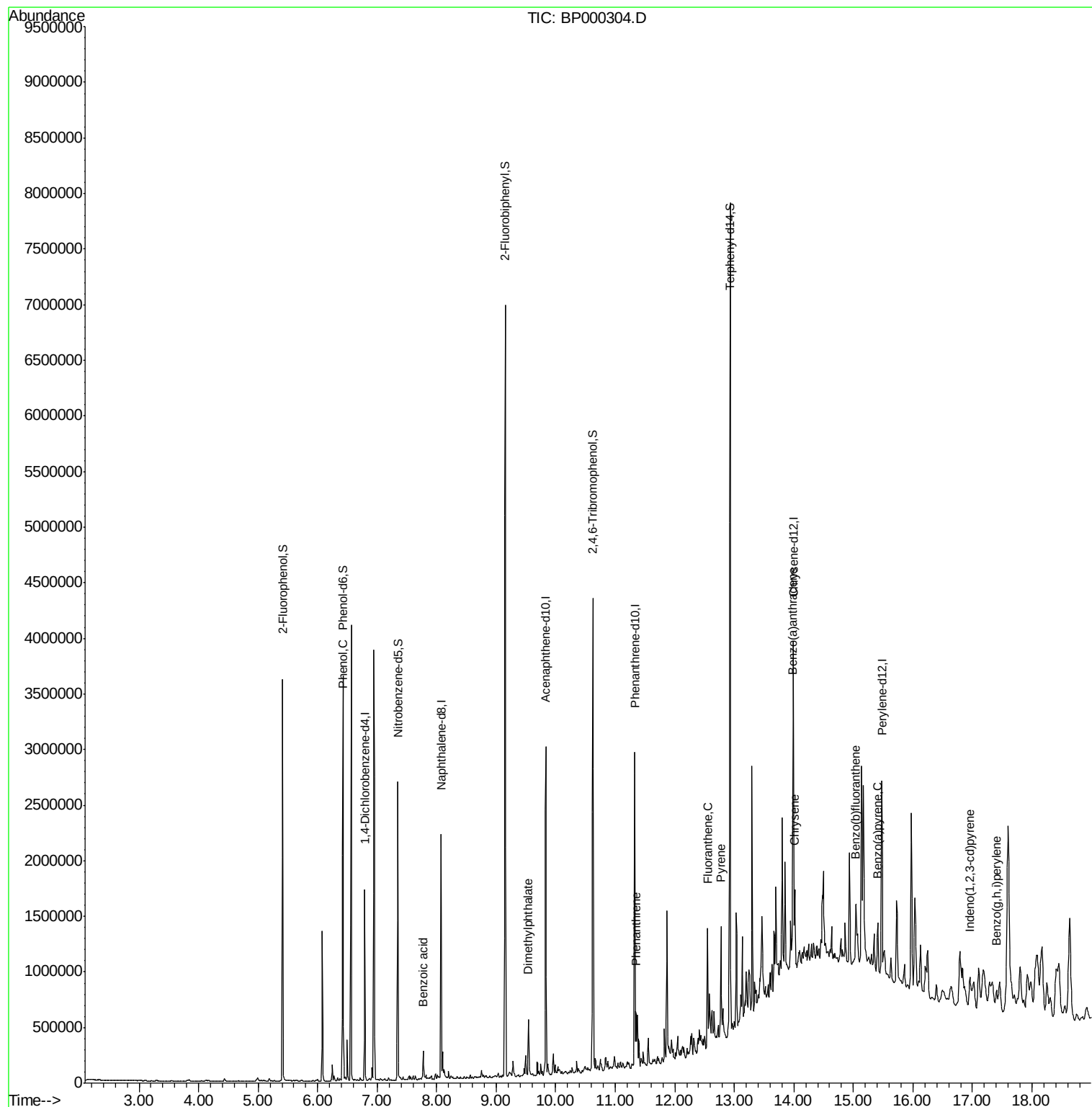
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000304.D
Acq On : 18 Sep 2019 18:01
Operator : HP/JU
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

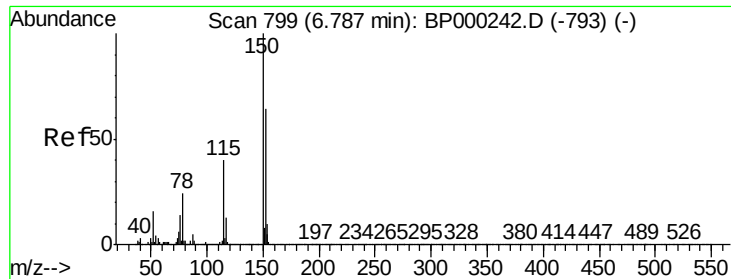
Instrument :
BNA_P
ClientSampled :
290-371

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

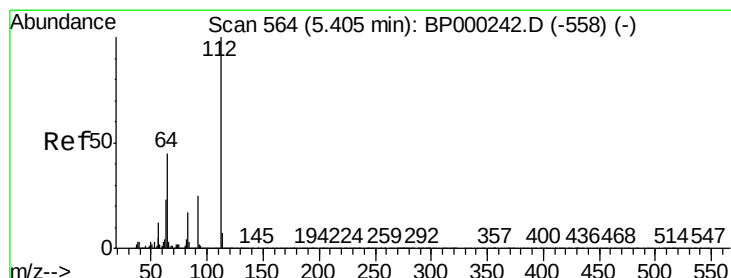
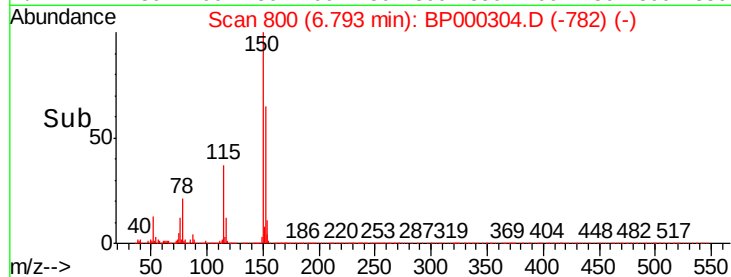
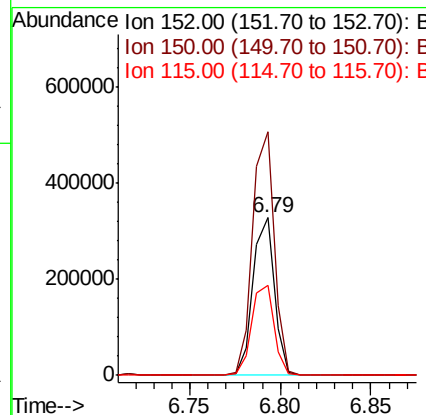
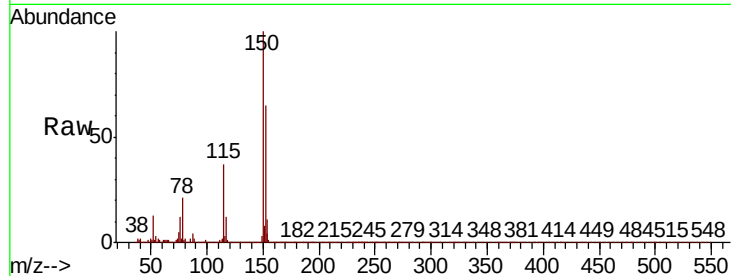
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :
290-371

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.2	187.8
115	57.1	49.7	74.5

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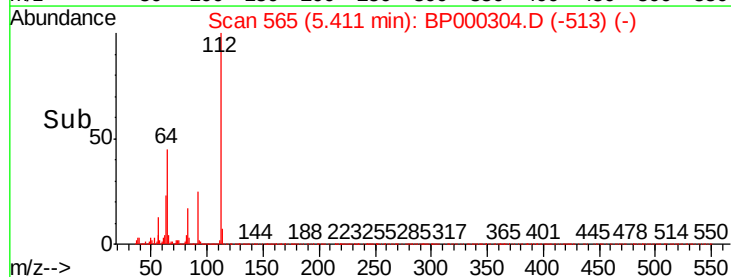
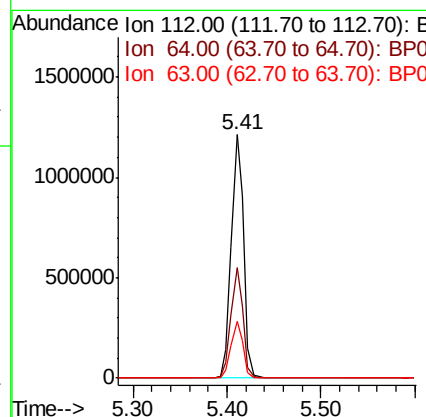
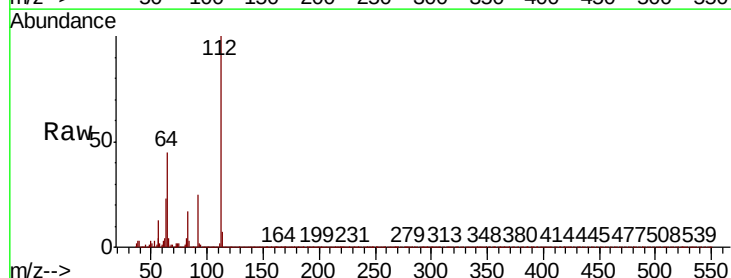
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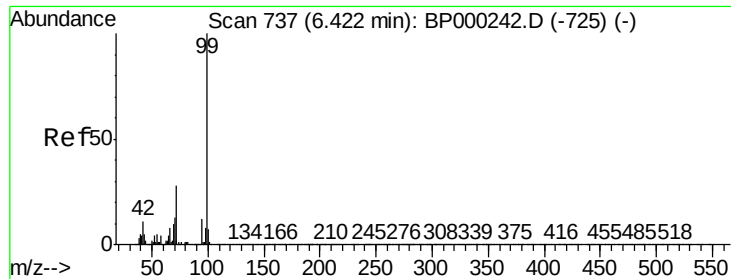


#5

2-Fluorophenol
Concen: 70.483 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.4	36.2	54.4
63	23.5	18.3	27.5





#7

Phenol-d6

Concen: 76.327 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000304.D

Acq: 18 Sep 2019 18:01

Instrument :

BNA_P

ClientSampleId :

290-371

Tot Ion: 99 Resp: 1460269

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

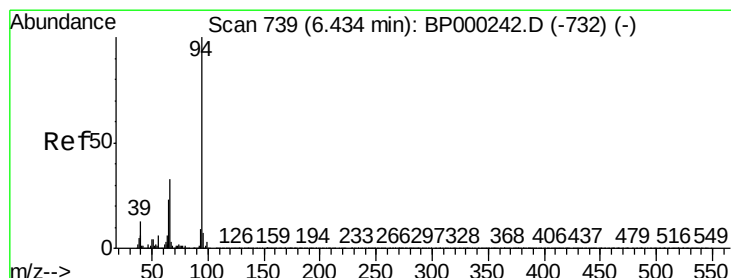
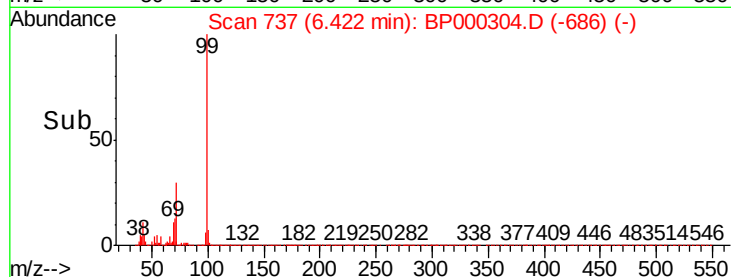
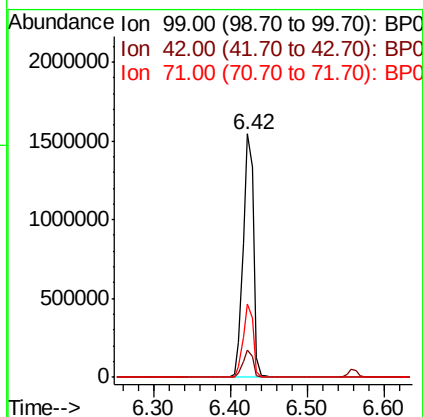
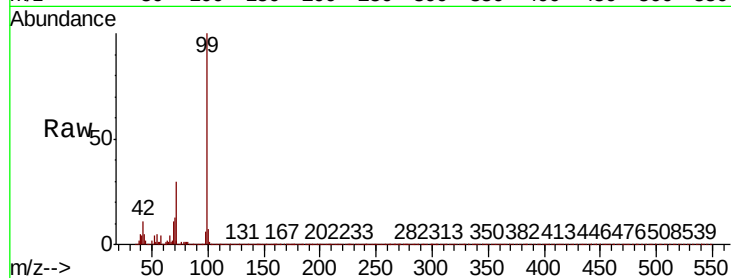
71 30.3 22.6 34.0

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#10

Phenol

Concen: 2.079 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000304.D

Acq: 18 Sep 2019 18:01

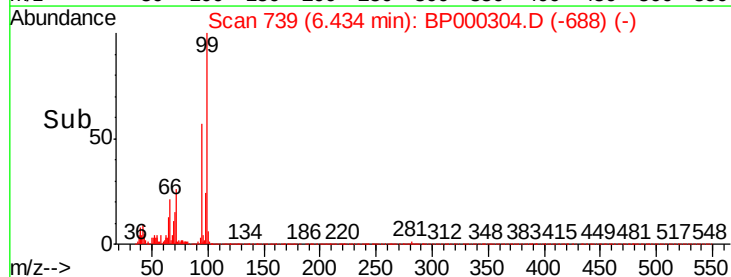
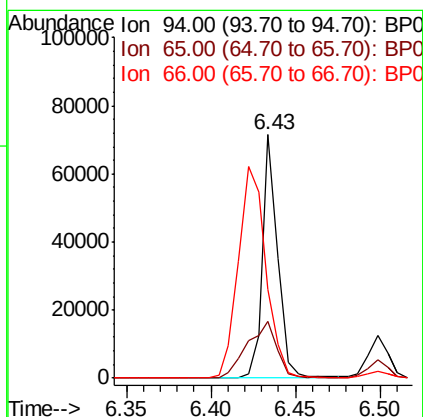
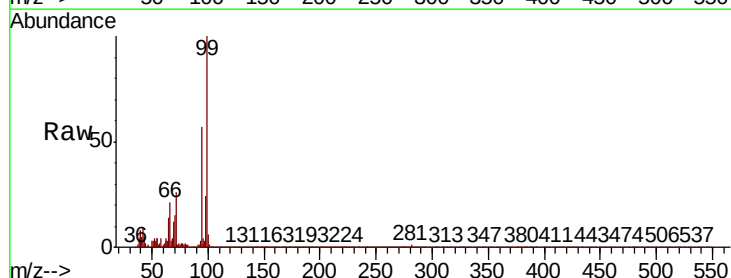
Tgt Ion: 94 Resp: 45183

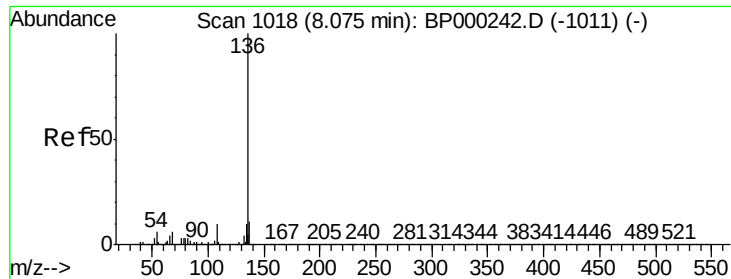
Ion Ratio Lower Upper

94 100

65 23.6 3.3 43.3

66 36.4 12.7 52.7





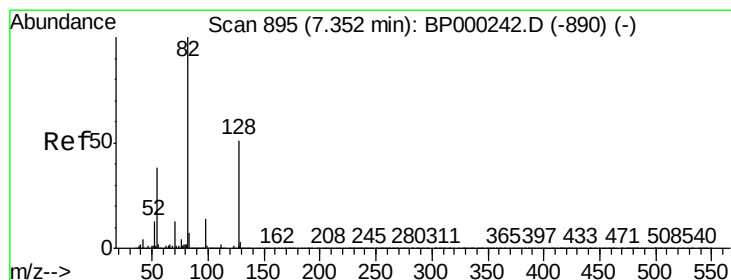
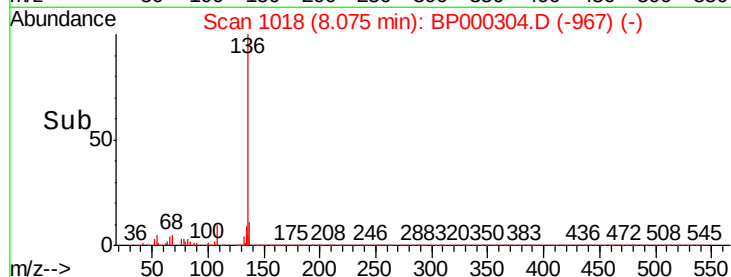
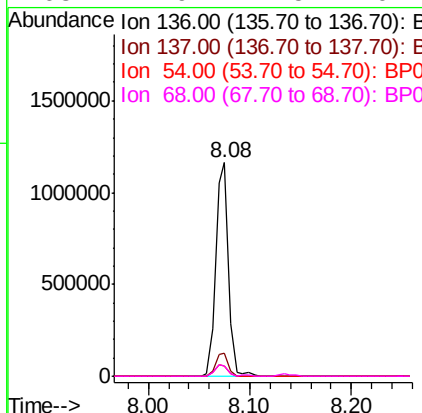
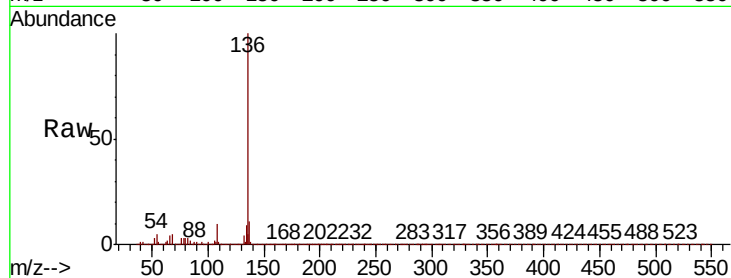
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :
290-371

Tot Ion	136	Resp	1010458
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.0	4.5	6.7
68	4.9	4.5	6.7

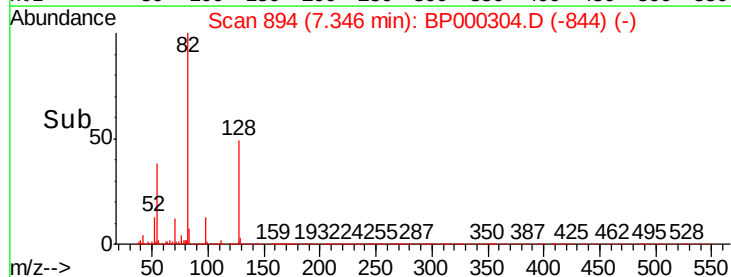
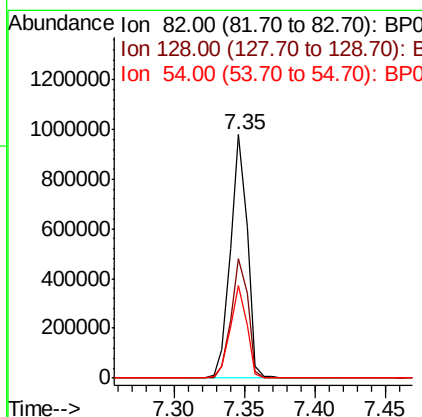
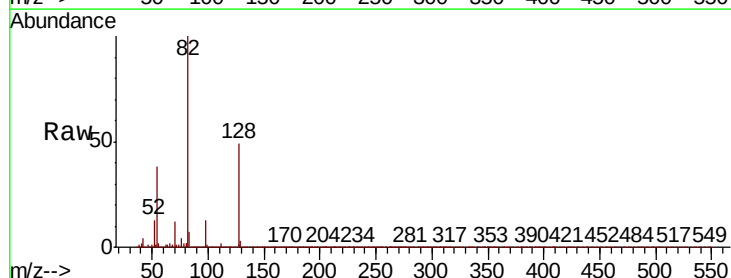
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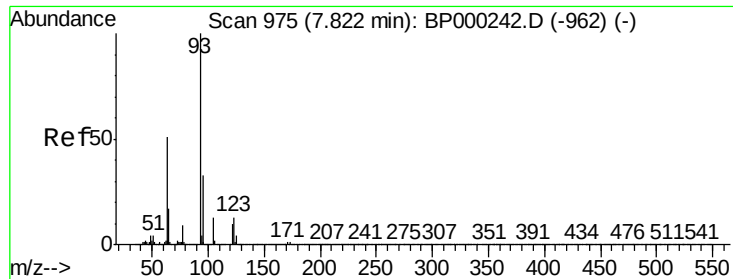
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#23
Nitrobenzene-d5
Concen: 51.971 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	82	Resp	813926
Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.7	61.1
54	38.0	30.1	45.1





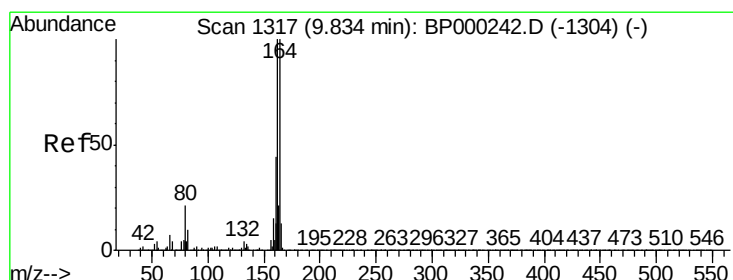
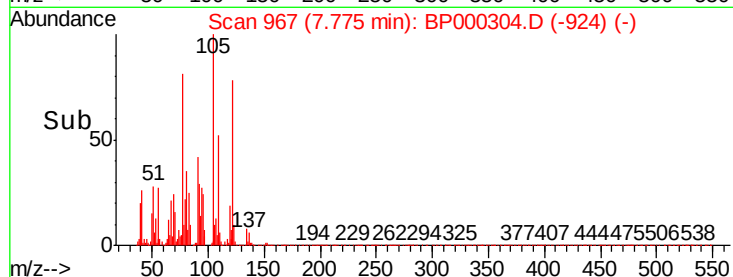
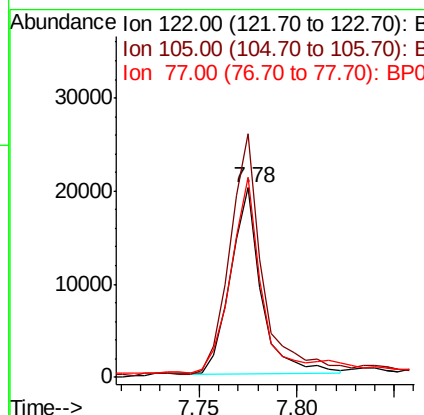
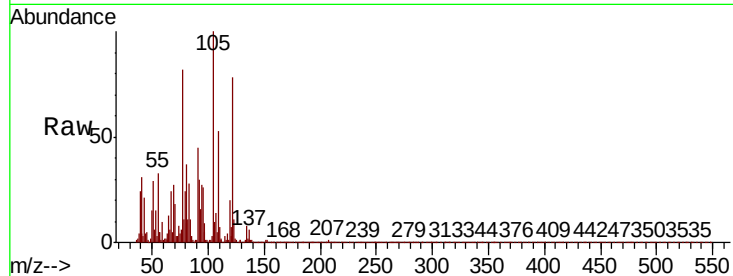
#32
Benzoic acid
Concen: 2.374 ng
RT: 7.78 min Scan# 967
Delta R.T. -0.05 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :
290-371

Tot Ion	Ratio	Resp	Lower	Upper
122	100	22022		
105	128.6	105.4	145.4	
77	105.7	65.3	105.3	

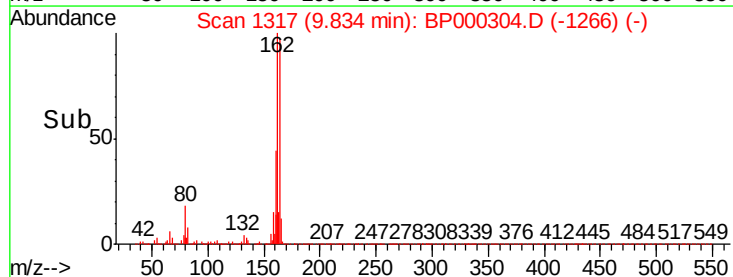
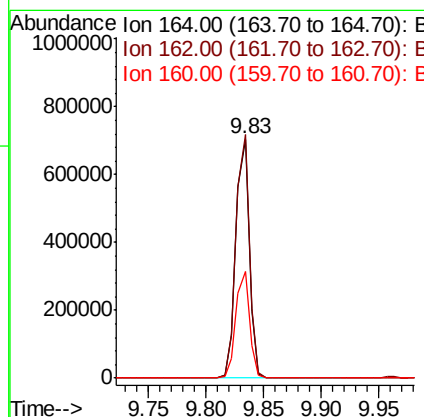
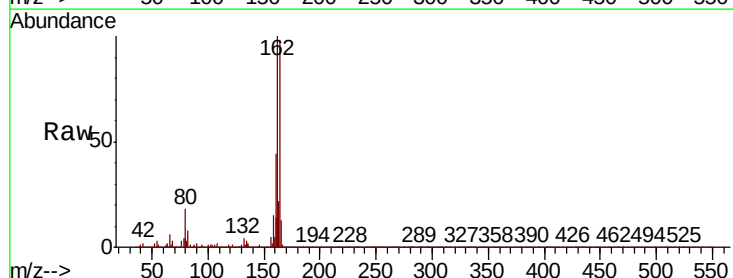
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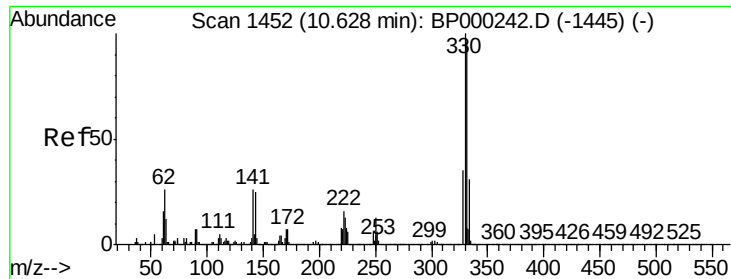
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	572815		
162	101.9	79.9	119.9	
160	44.4	35.6	53.4	





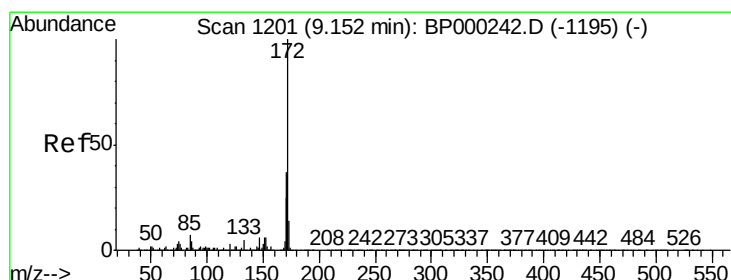
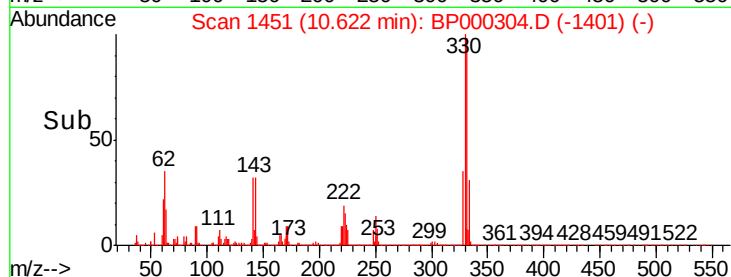
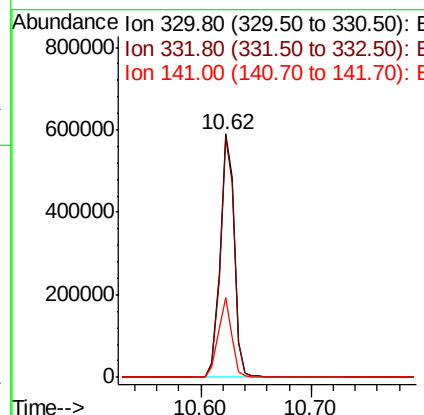
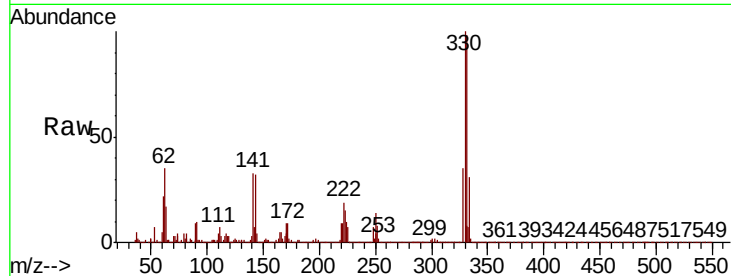
#42
2,4,6-Tribromophenol
Concen: 91.965 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :
290-371

Tot Ion	Ratio	Resp	Lower	Upper
330	100	522505		
332	97.4	76.6	115.0	
141	30.7	26.5	39.7	

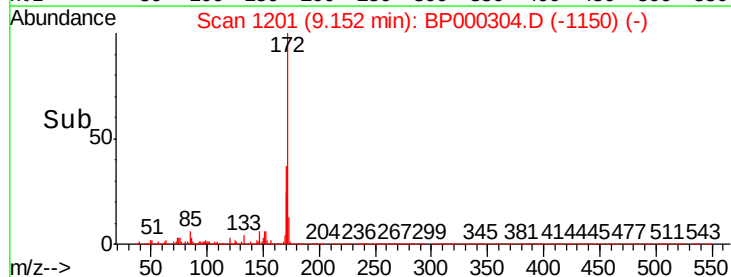
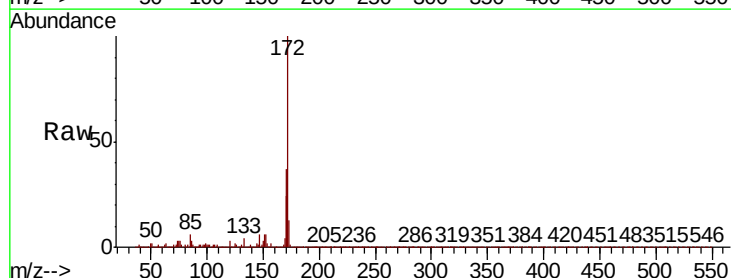
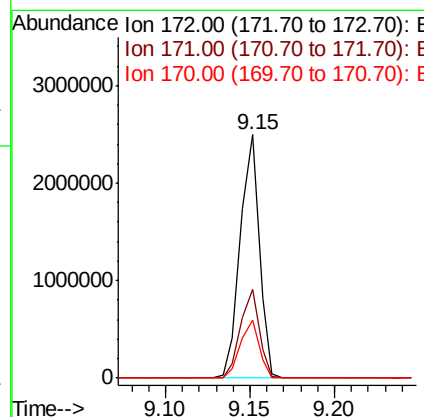
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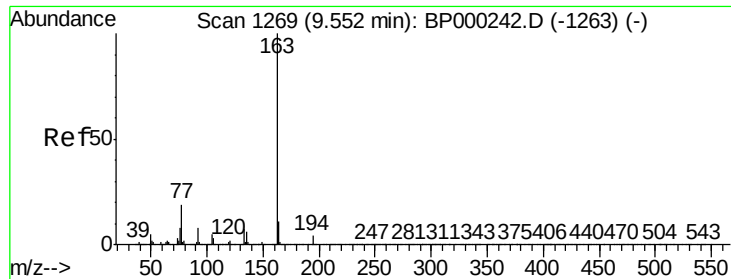
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#45
2-Fluorobiphenyl
Concen: 61.769 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1965899		
171	36.6	29.8	44.6	
170	23.9	19.8	29.6	





#50

Dimethylphthalate

Concen: 5.029 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000304.D

Acq: 18 Sep 2019 18:01

Instrument :

BNA_P

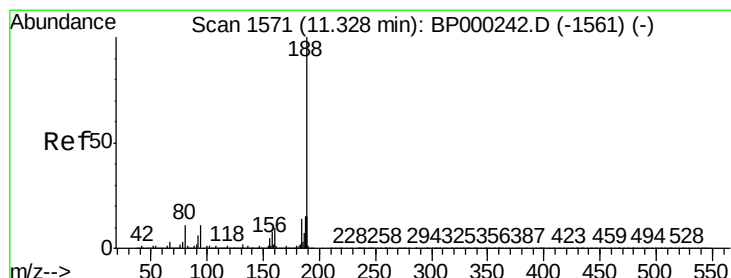
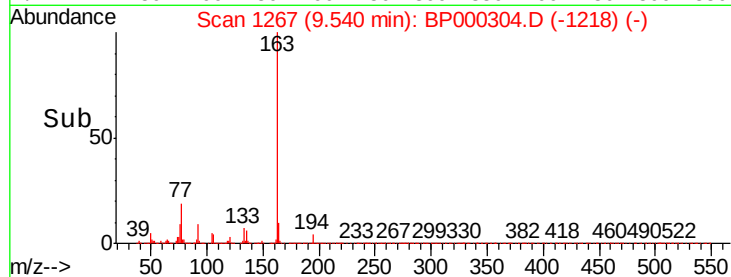
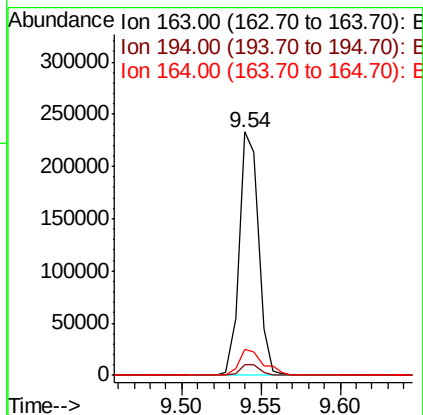
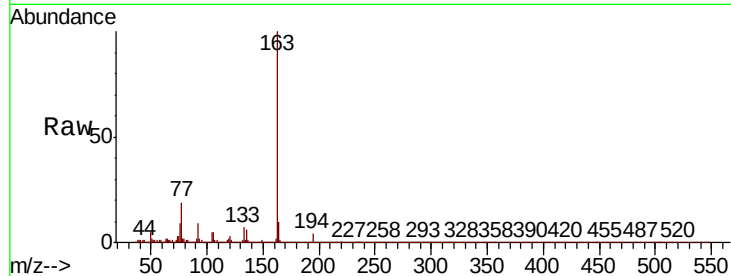
ClientSampleId :

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Tot Ion:	163	Resp:	196254
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

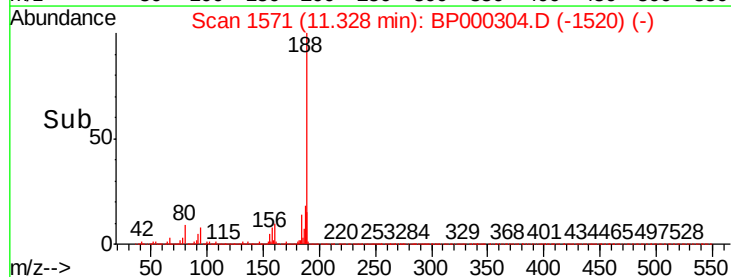
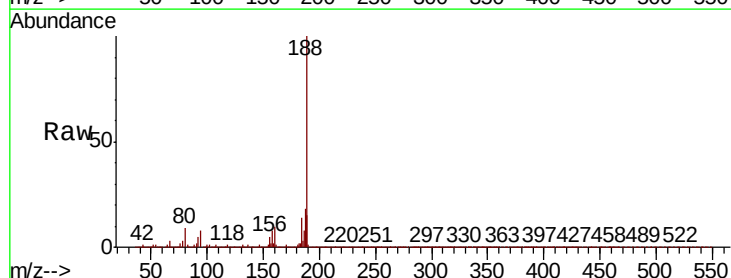
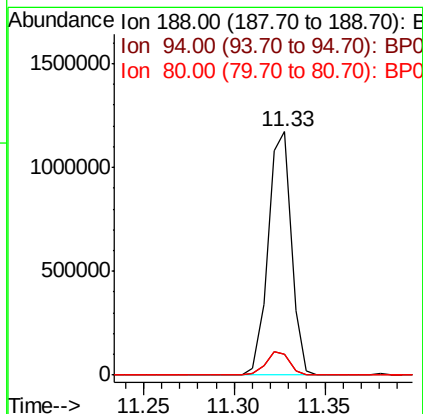
RT: 11.33 min Scan# 1571

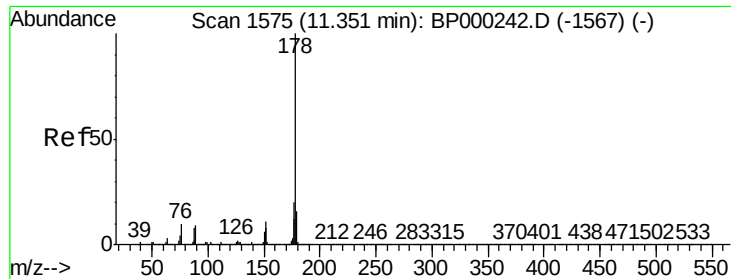
Delta R.T. -0.00 min

Lab File: BP000304.D

Acq: 18 Sep 2019 18:01

Tgt Ion:	188	Resp:	1049106
Ion Ratio		Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.6	8.6	13.0





#71

Phenanthrene

Concen: 3.535 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BP000304.D

Acq: 18 Sep 2019 18:01

Instrument :

BNA_P

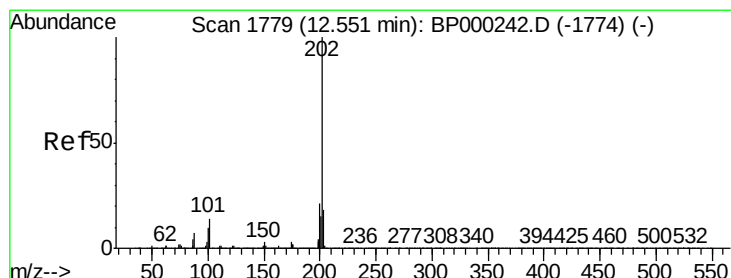
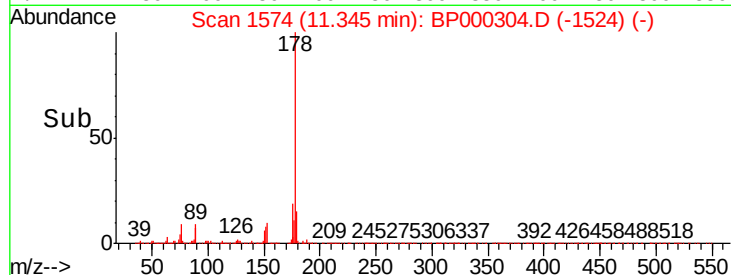
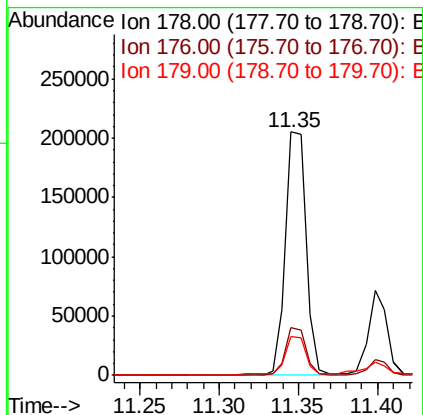
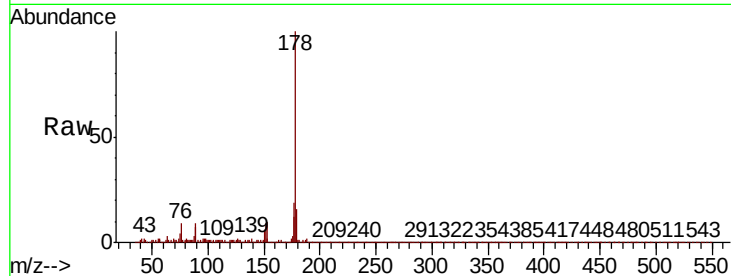
ClientSampled :

290-371

Tot Ion:	178	Resp:	185839
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.8
179	15.9	12.7	19.1

Manual Integrations
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#75

Fluoranthene

Concen: 7.775 ng

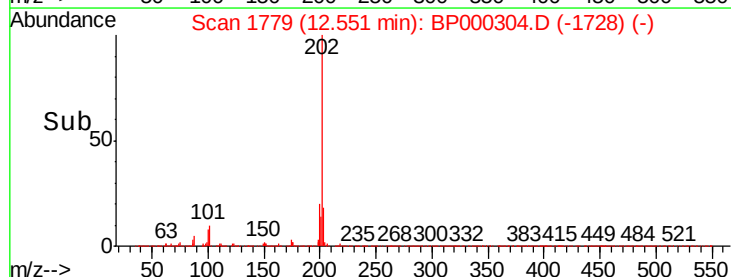
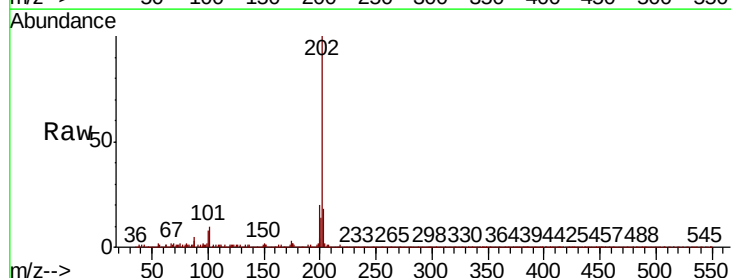
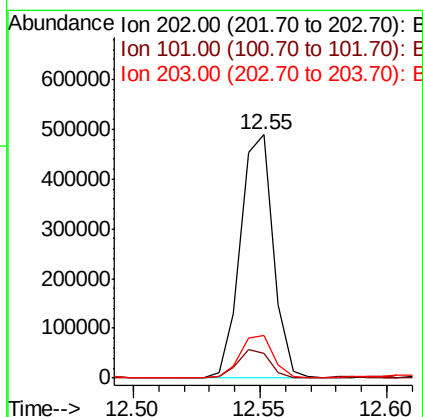
RT: 12.55 min Scan# 1779

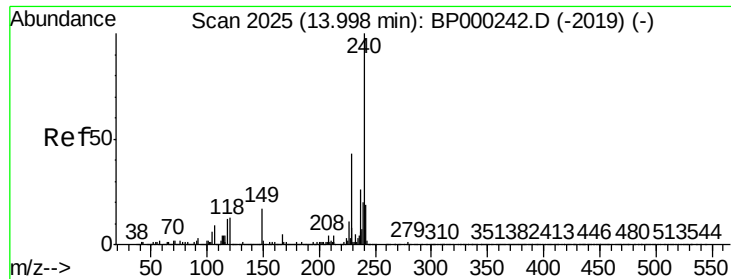
Delta R.T. -0.00 min

Lab File: BP000304.D

Acq: 18 Sep 2019 18:01

Tgt Ion:	202	Resp:	438918
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	33.9
203	17.8	0.0	38.0





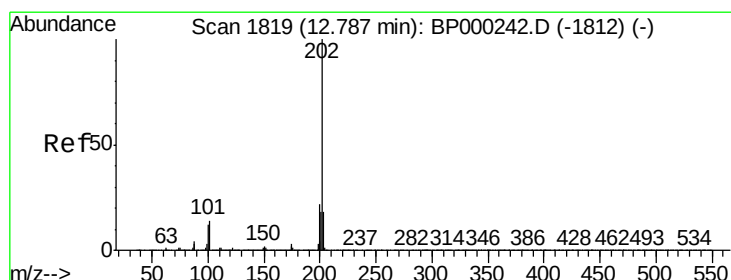
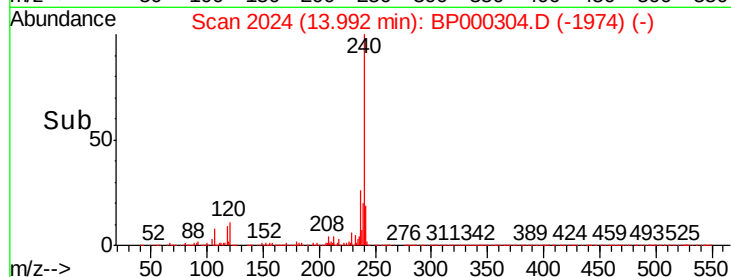
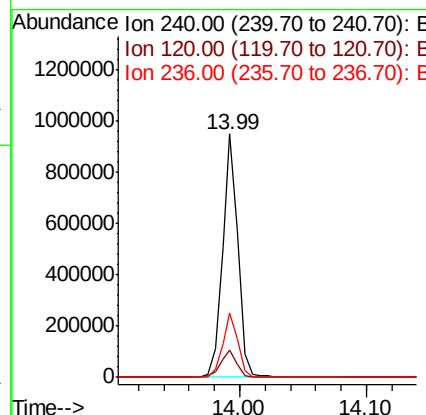
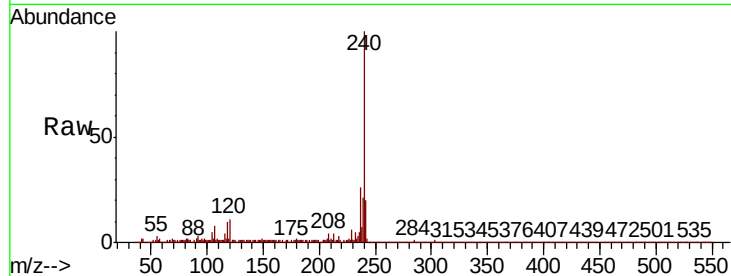
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :
290-371

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.4	15.6
236	26.5	21.0	31.6

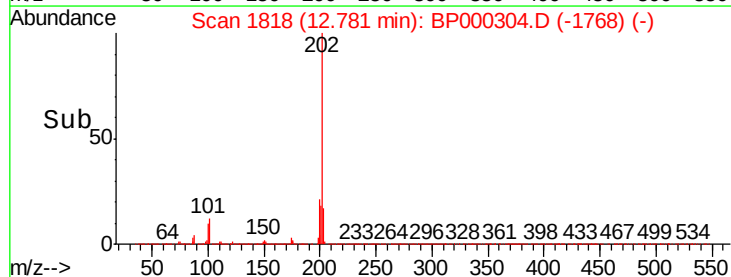
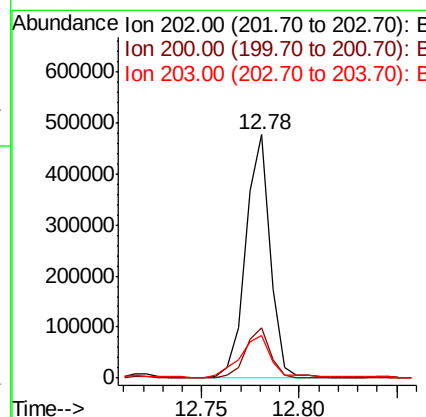
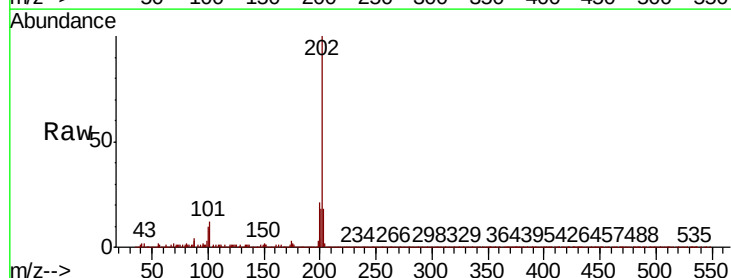
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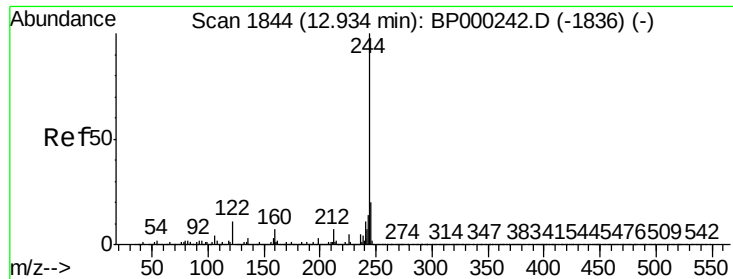
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#78
Pyrene
Concen: 6.866 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	17.5	14.3	21.5





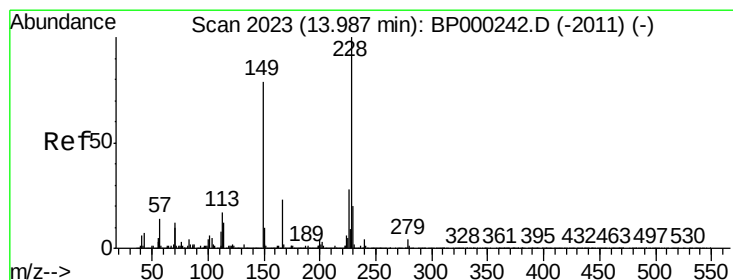
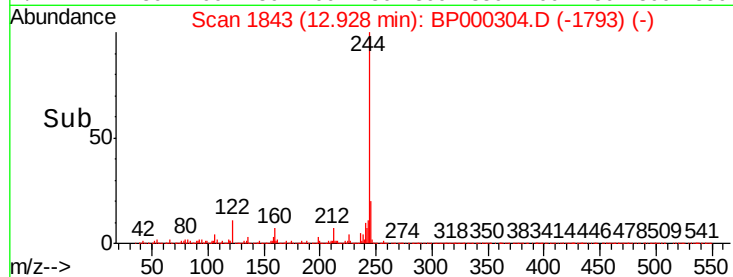
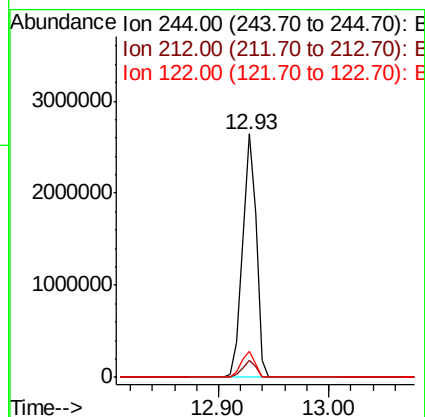
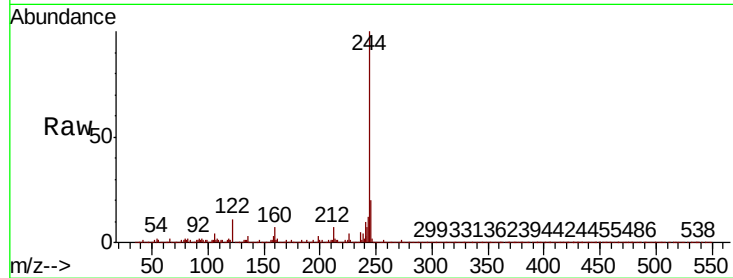
#79
 Terphenyl-d14
 Concen: 60.966 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000304.D
 Acq: 18 Sep 2019 18:01

Instrument :
 BNA_P
 ClientSampleId :
 290-371

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.6	9.0	13.4

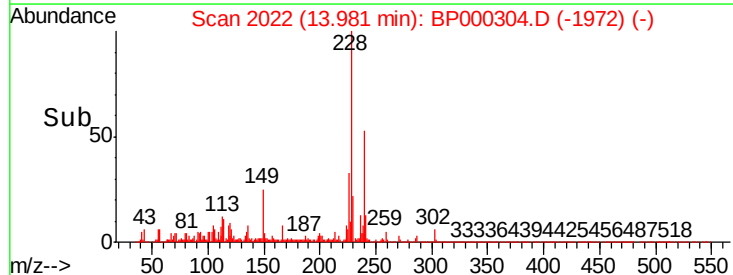
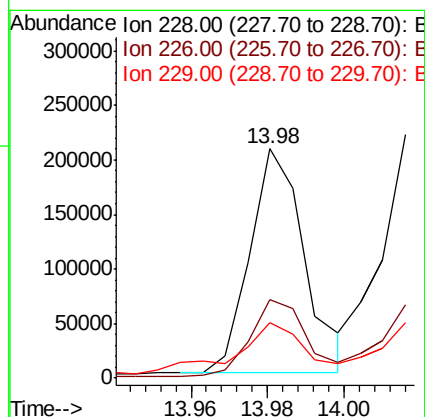
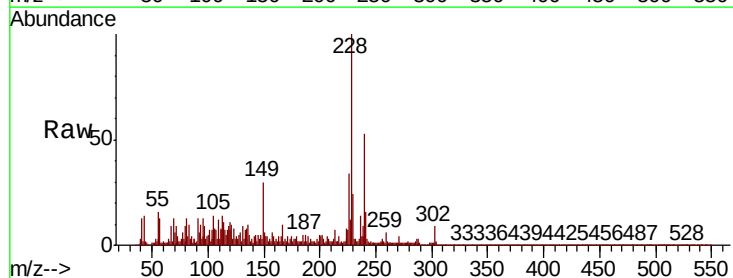
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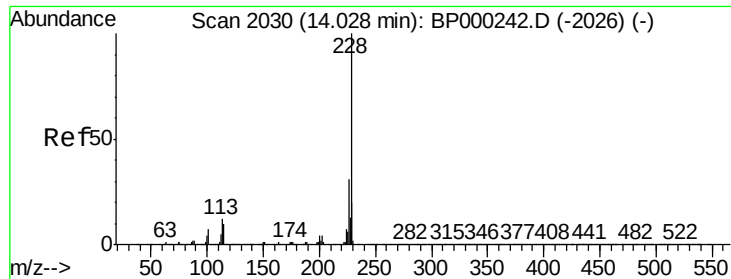
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#81
 Benzo(a)anthracene
 Concen: 4.080 ng m
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000304.D
 Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.2	33.4#
229	24.0	16.0	24.0





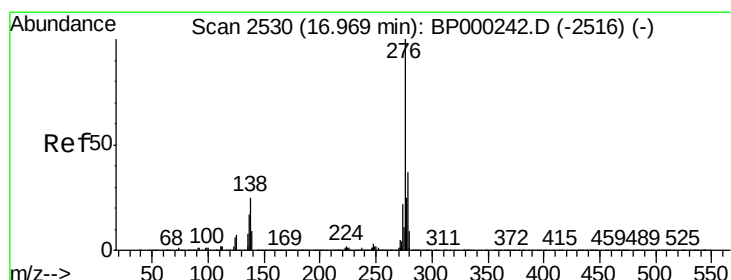
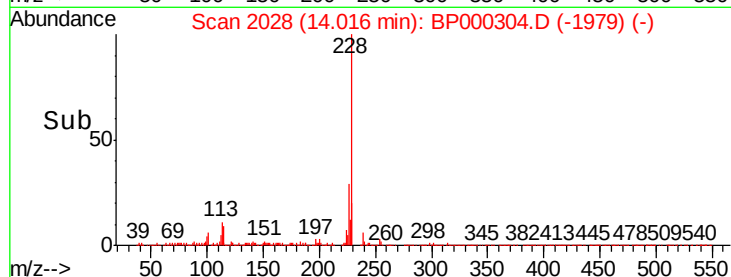
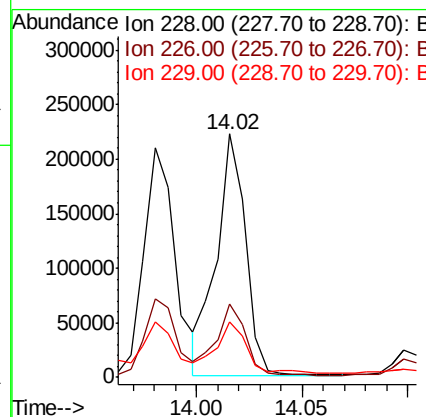
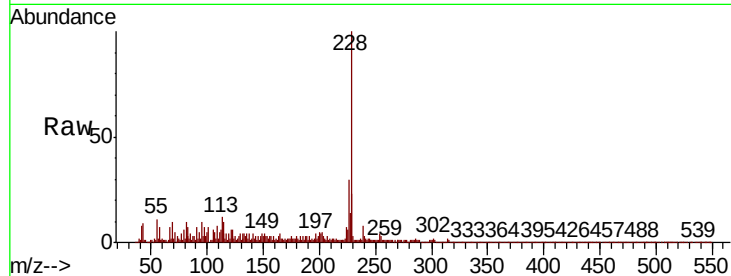
#83
Chrysene
Concen: 4.289 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleID :
290-371

Tot Ion:	228	Resp:	212111
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	22.8	16.2	24.2

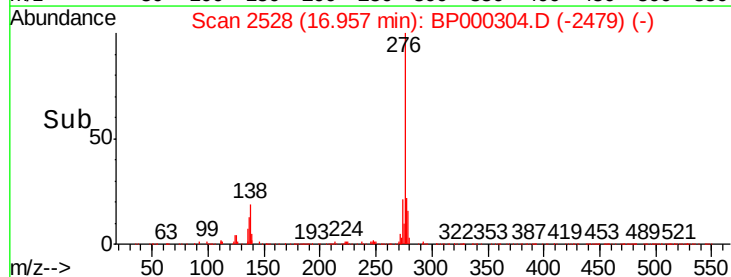
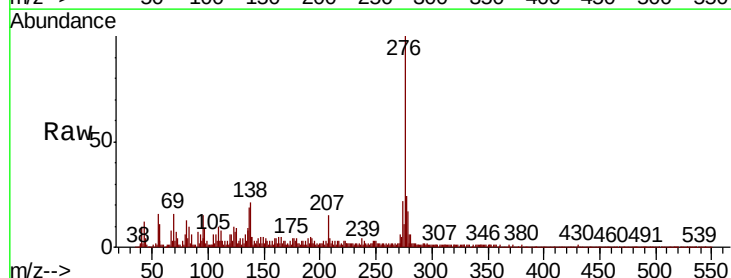
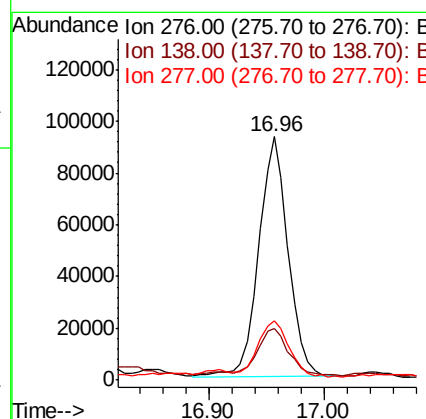
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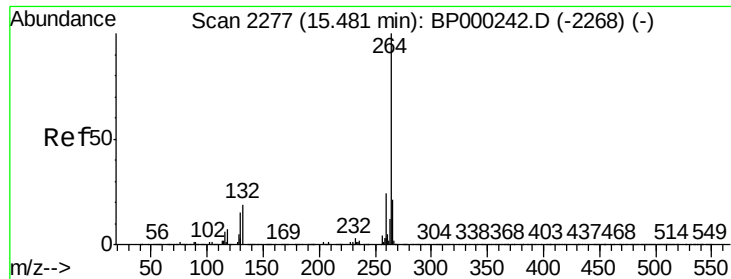
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.720 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:	276	Resp:	163974
Ion Ratio	Lower	Upper	
276	100		
138	20.3	22.6	33.8#
277	24.8	20.4	30.6





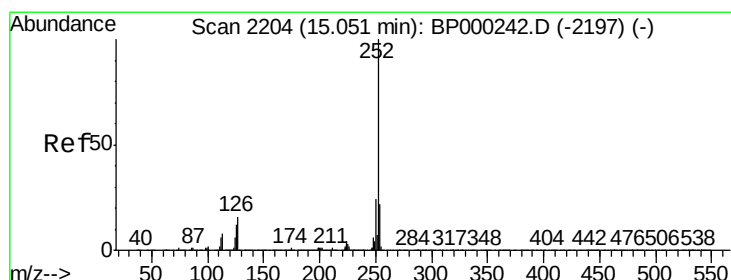
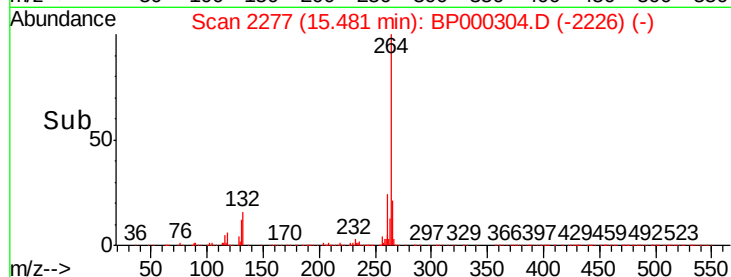
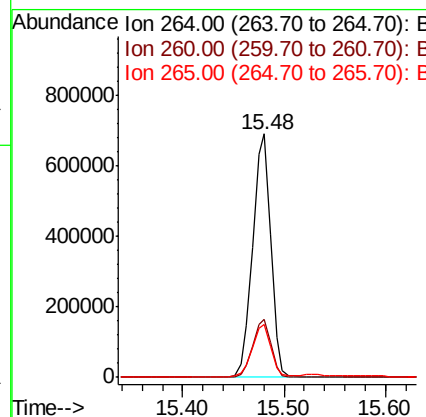
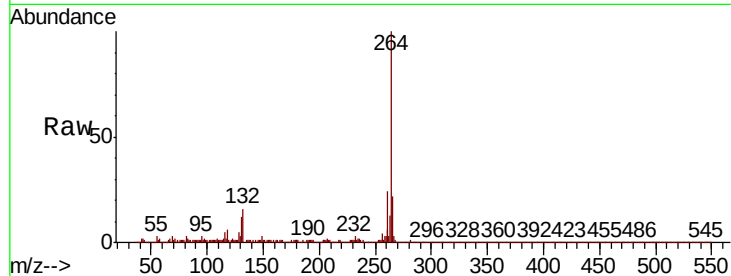
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :
290-371

Tot Ion	Ratio	Resp	Lower	Upper
264	100	860279		
260	23.9		18.9	28.3
265	21.6		17.2	25.8

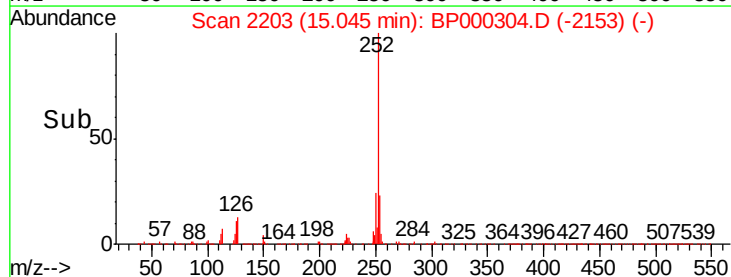
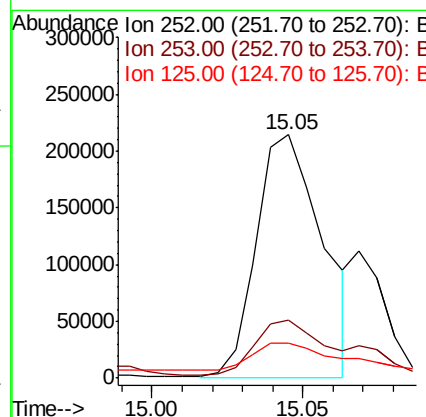
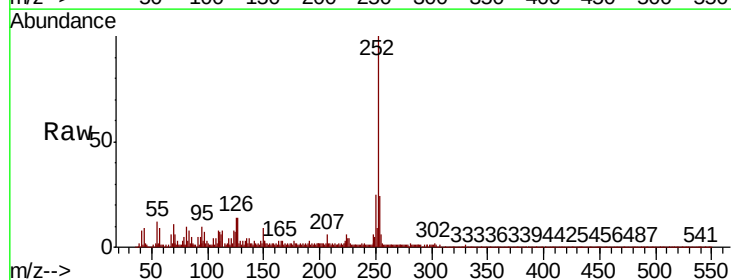
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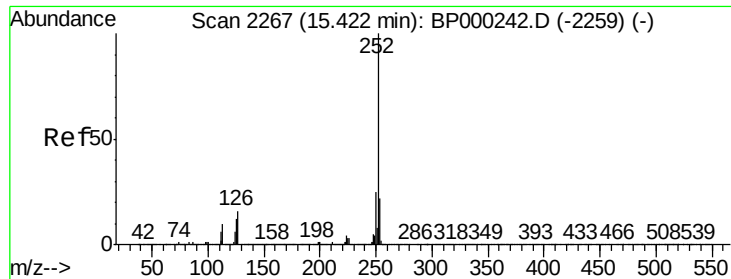
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#88
Benzo(b)fluoranthene
Concen: 6.366 ng m
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	326714		
253	23.8		17.8	26.6
125	14.4		9.5	14.3#





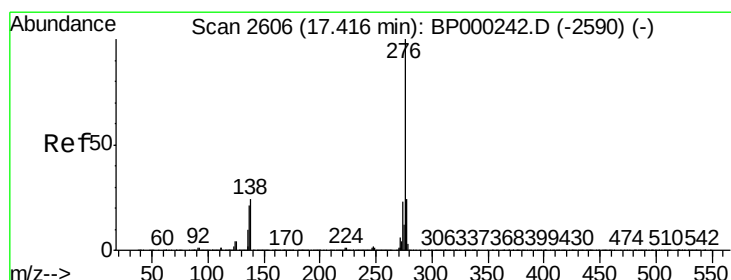
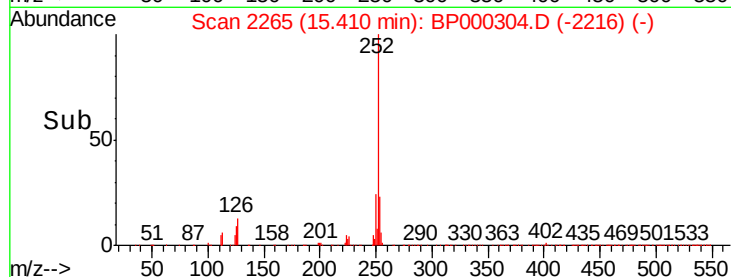
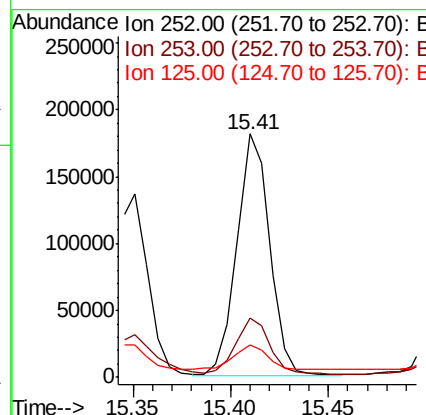
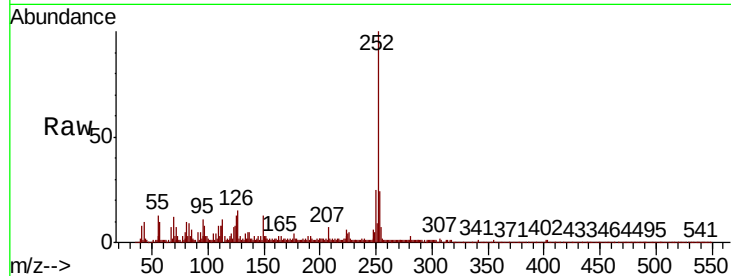
#90
Benzo(a)pyrene
Concen: 4.499 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampled :
290-371

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	13.4	10.0	15.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.627 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	23.6	19.5	29.3

