

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000466.D
 Acq On : 27 Sep 2019 18:44
 Operator : JU
 Sample : K5038-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DN-2DL

Manual Integrations
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mohammad
 9/30/2019 8:15:28 AM

Quant Time: Sep 28 00:05:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	218871	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	376695	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	209409	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	386654	20.00	ng	0.00
76) Chrysene-d12	14.00	240	640672	20.00	ng	0.00
87) Perylene-d12	15.49	264	388285	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	236285	18.64	ng	0.00
7) Phenol-d6	6.42	99	352749	22.70	ng	0.00
23) Nitrobenzene-d5	7.34	82	120589	20.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	53161	25.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	218808	18.81	ng	0.00
79) Terphenyl-d14	12.93	244	537370	17.60	ng	0.00
Target Compounds						
49) Acenaphthylene	9.69	152	38018	2.081	ng	99
50) Dimethylphthalate	9.55	163	47437	3.325	ng	99
71) Phenanthrene	11.35	178	148217	7.649	ng	99
72) Anthracene	11.40	178	99815	5.005	ng	98
75) Fluoranthene	12.56	202	1058742	50.887	ng	98
78) Pyrene	12.79	202	996657	20.793	ng	99
81) Benzo(a)anthracene	13.99	228	579900	14.329	ng	97
83) Chrysene	14.03	228	536944	13.513	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	191343	3.951	ng	# 87
88) Benzo(b)fluoranthene	15.06	252	408765m	17.647	ng	
89) Benzo(k)fluoranthene	15.09	252	150099m	7.429	ng	
90) Benzo(a)pyrene	15.43	252	274413m	13.020	ng	
91) Dibenzo(a,h)anthracene	16.98	278	47789	2.432	ng	# 92
92) Benzo(g,h,i)perylene	17.42	276	174808	8.654	ng	# 91

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

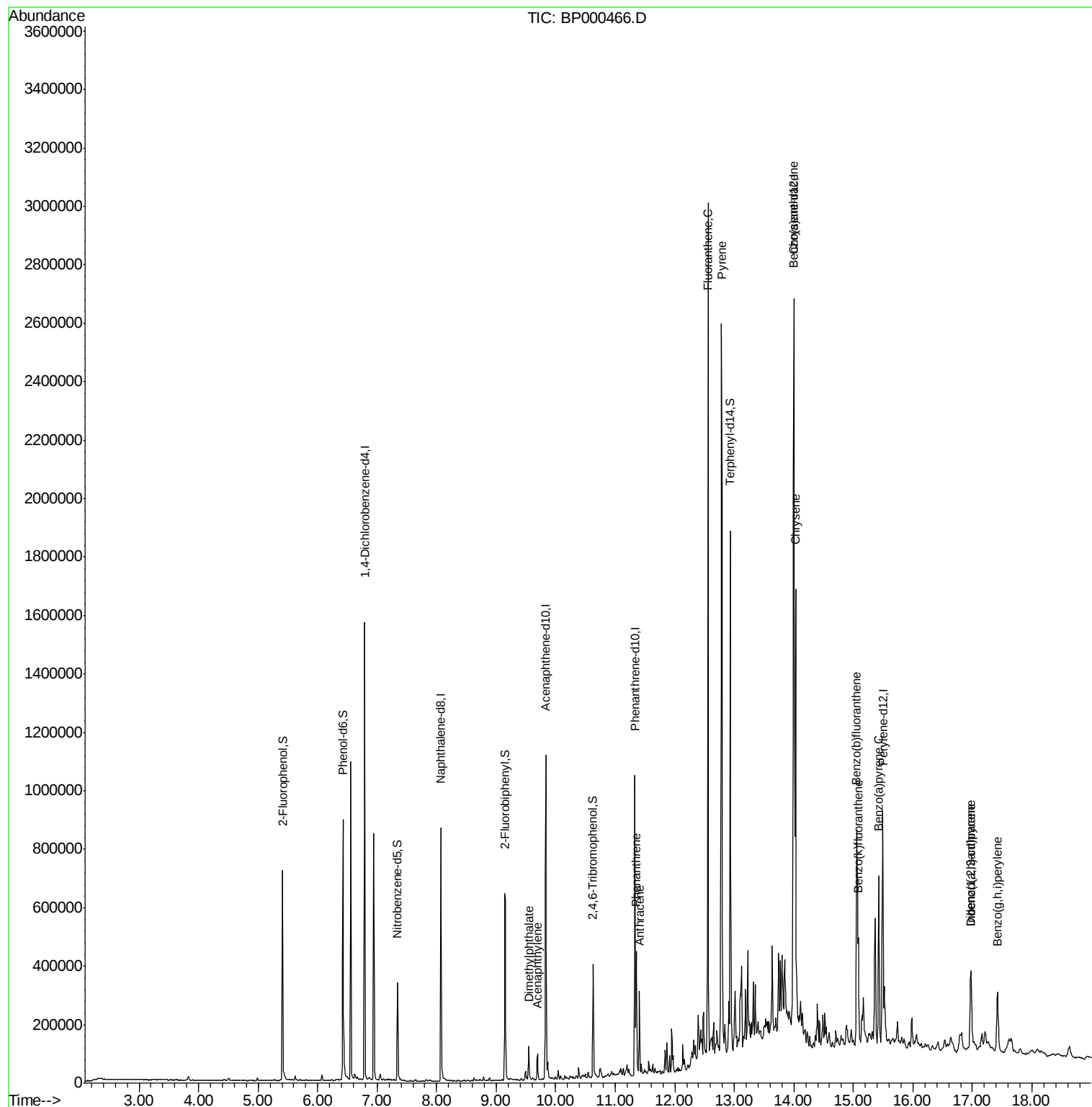
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000466.D
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ALS Vial : 19 Sample Multiplier: 1

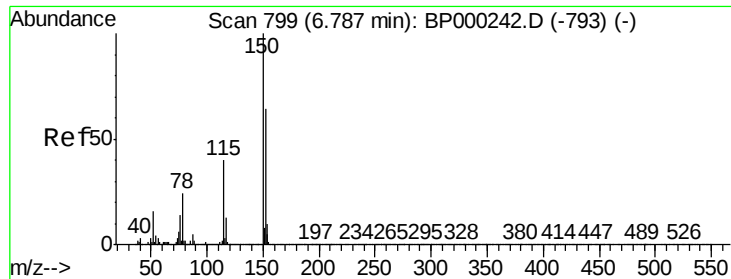
Instrument :
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DN-2DL

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

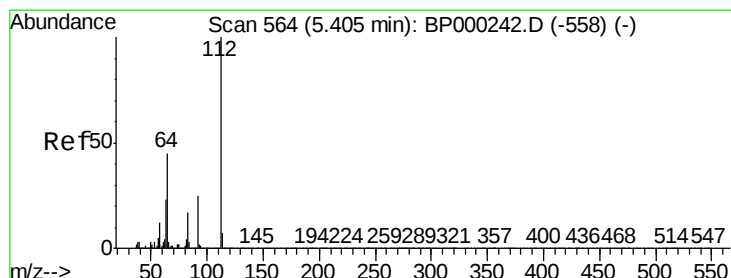
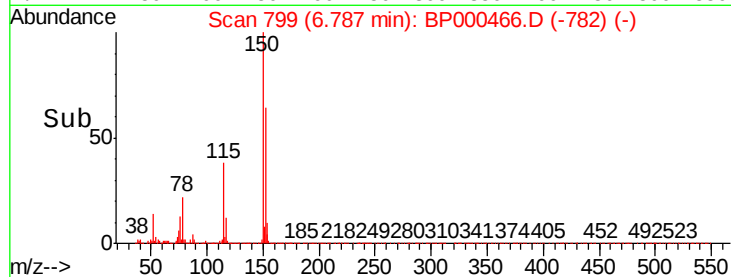
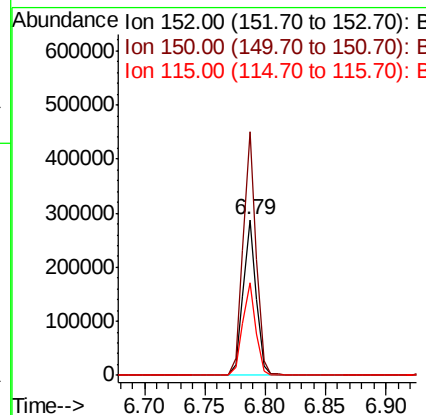
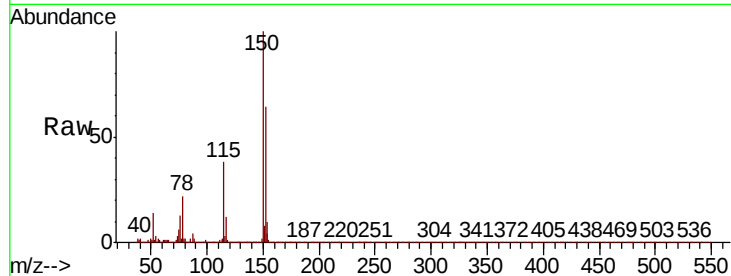
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampleId :
DN-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.2	187.8
115	59.4	49.7	74.5

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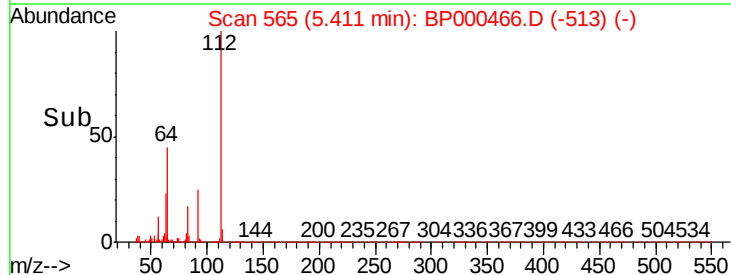
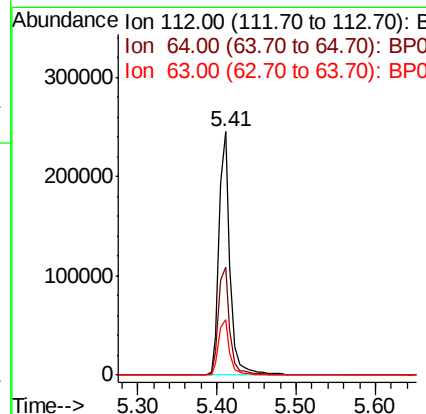
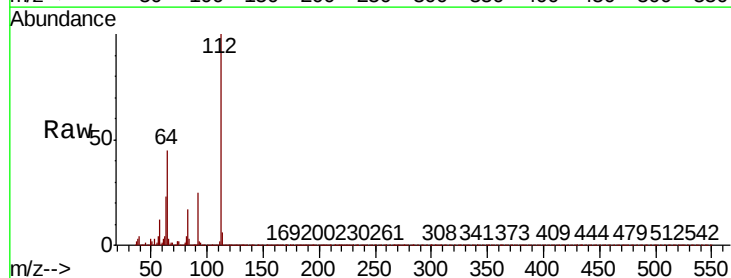
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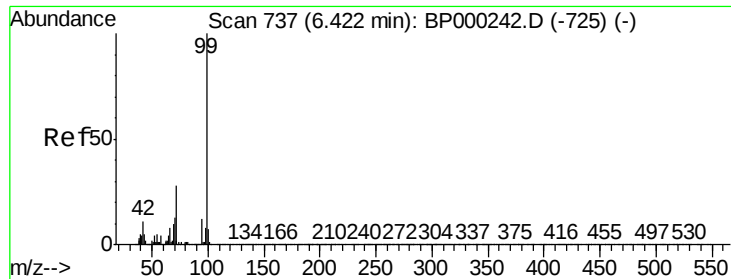


#5

2-Fluorophenol
Concen: 18.637 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	22.8	18.3	27.5





#7

Phenol-d6

Concen: 22.698 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Instrument :

BNA_P

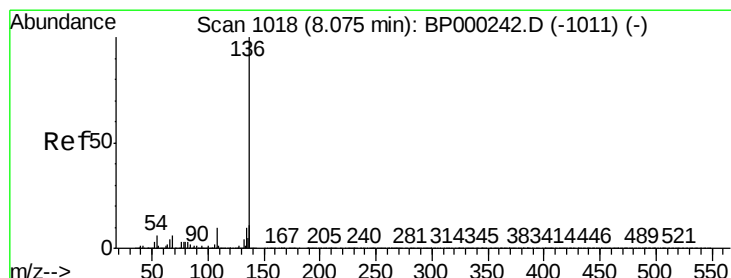
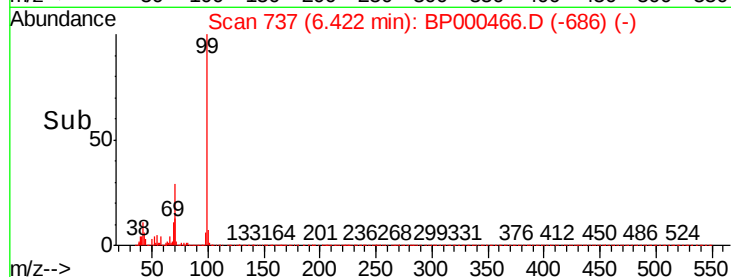
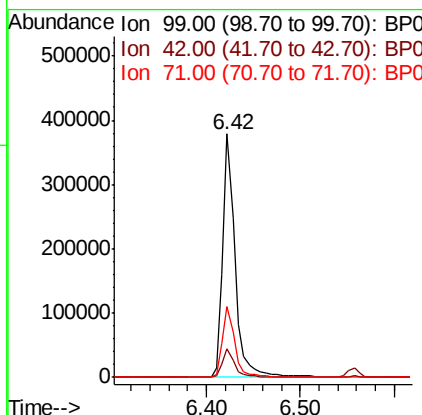
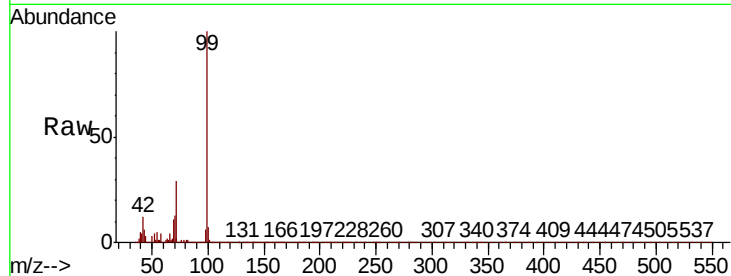
ClientSampled :

DN-2DL

Tot Ion:	99	Resp:	352749
Ion Ratio	Lower	Upper	
99	100		
42	11.5	8.5	12.7
71	29.1	22.6	34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

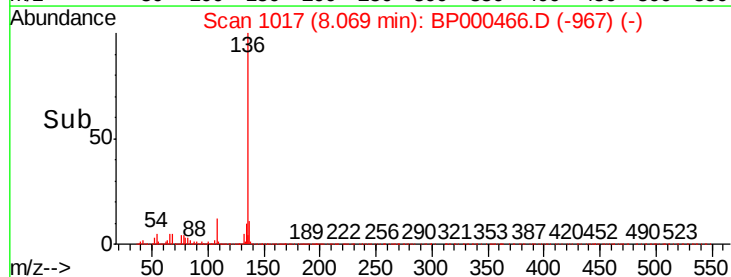
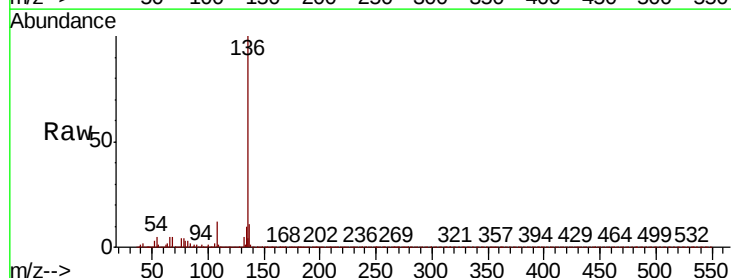
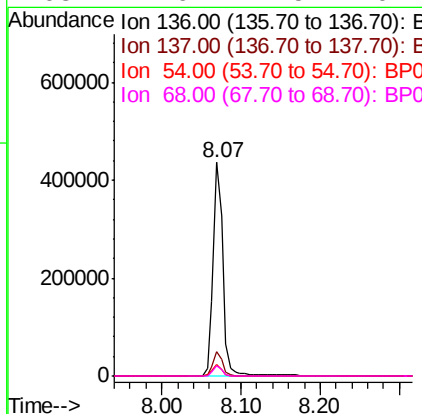
RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Tgt Ion:	136	Resp:	376695
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	5.5	4.5	6.7
68	4.6	4.5	6.7





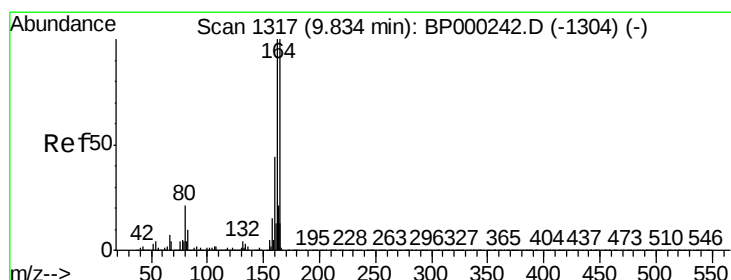
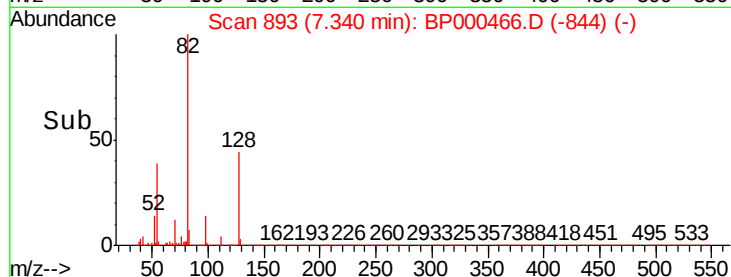
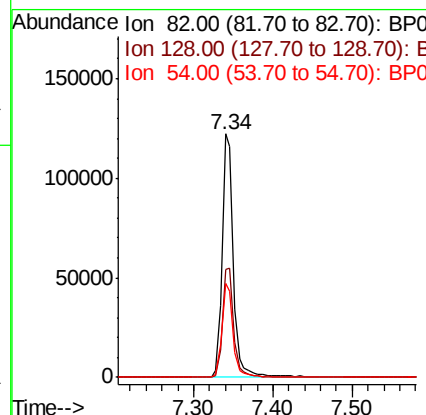
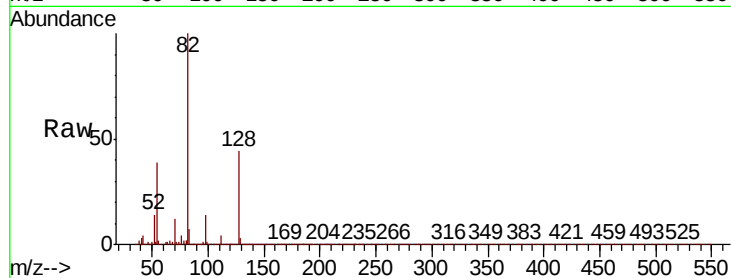
#23
Nitrobenzene-d5
Concen: 20.654 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampleId :
DN-2DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	40.7	61.1
54	38.7	30.1	45.1

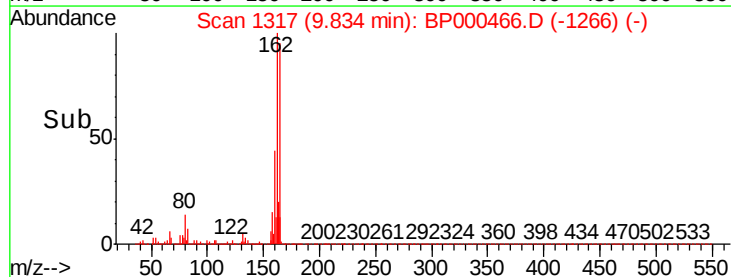
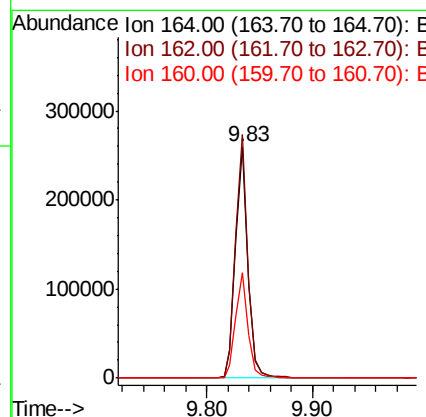
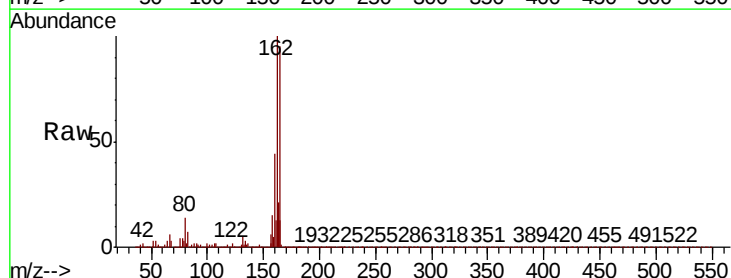
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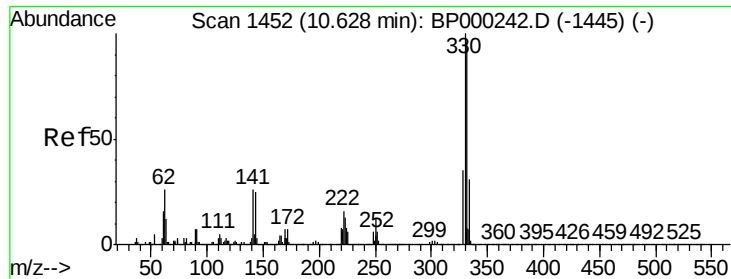
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	79.9	119.9
160	45.9	35.6	53.4





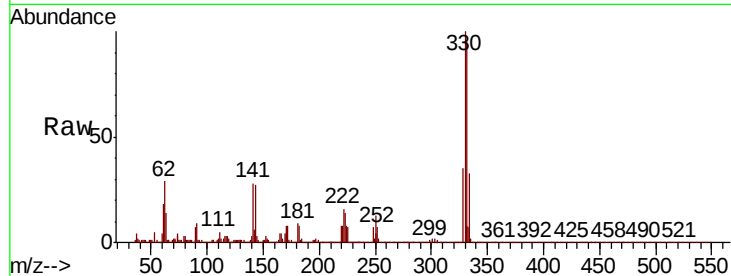
#42
2,4,6-Tribromophenol
Concen: 25.594 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampled :
DN-2DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	53161		
332	95.0		76.6	115.0
141	31.5		26.5	39.7

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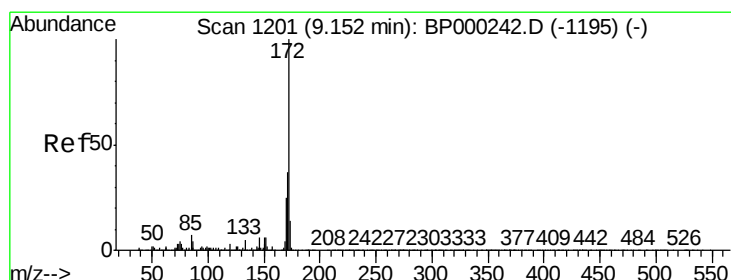
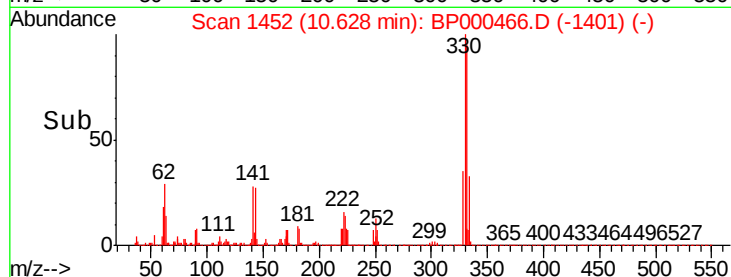
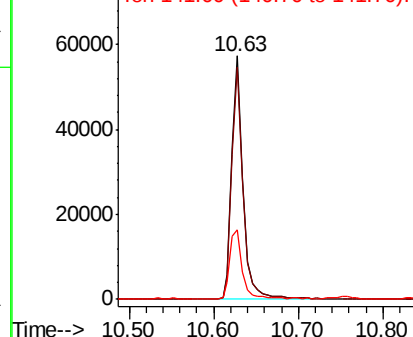


Abundance

Ion 329.80 (329.50 to 330.50): E

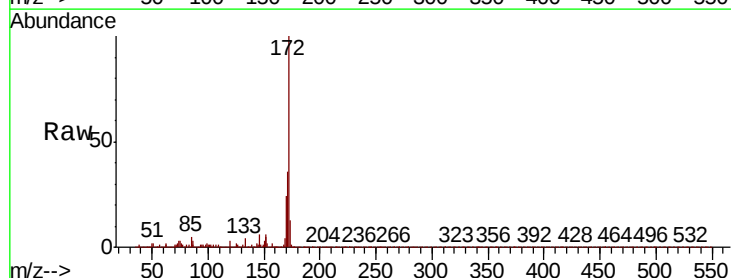
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 18.806 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	218808		
171	36.0		29.8	44.6
170	23.8		19.8	29.6

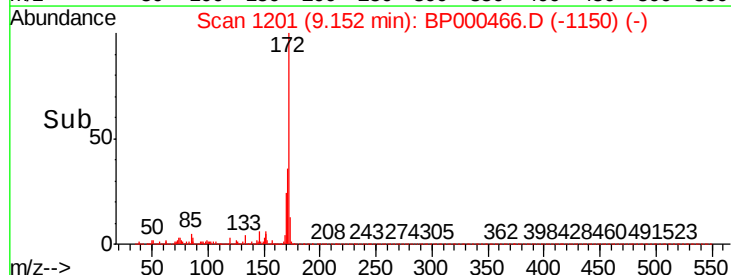
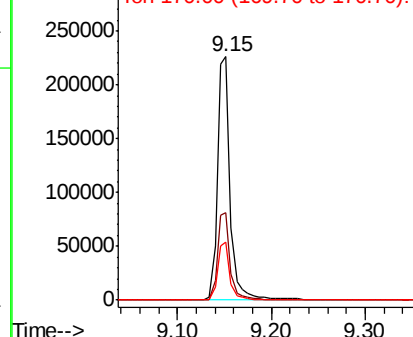


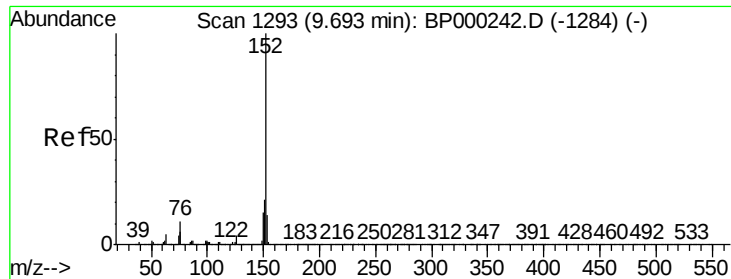
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.081 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Instrument :

BNA_P

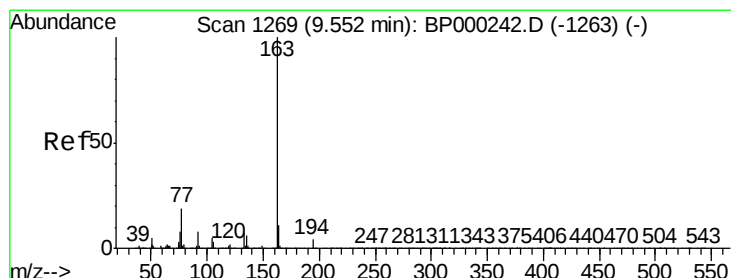
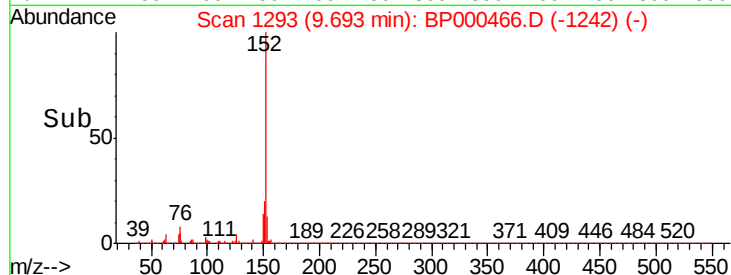
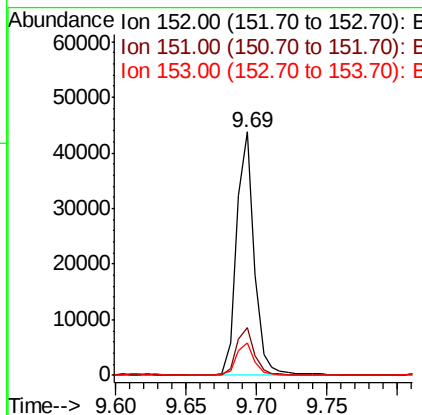
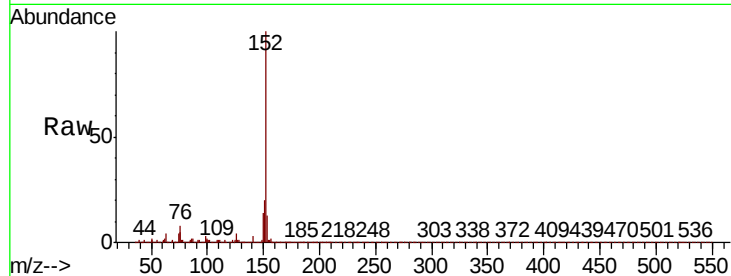
ClientSampled :

DN-2DL

Tot Ion:	152	Resp:	38018
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.4	24.6
153	13.3	11.0	16.4

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#50

Dimethylphthalate

Concen: 3.325 ng

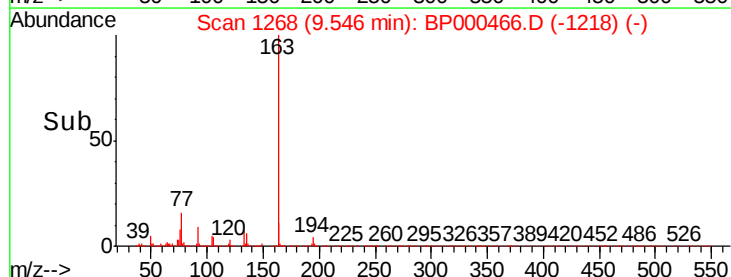
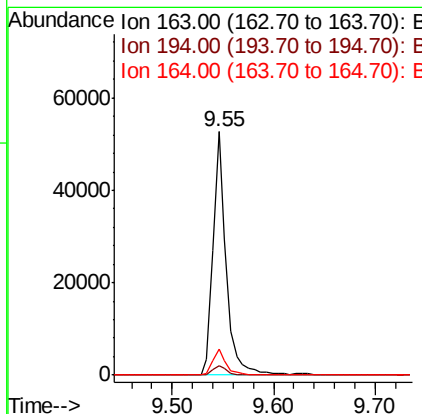
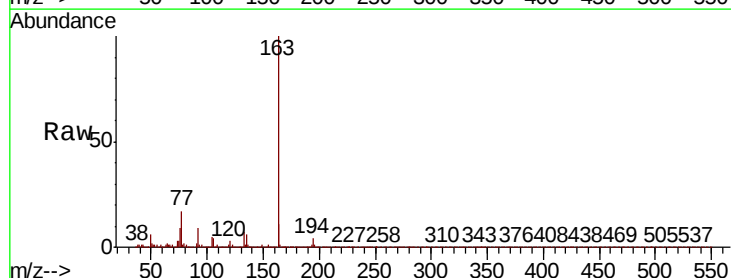
RT: 9.55 min Scan# 1268

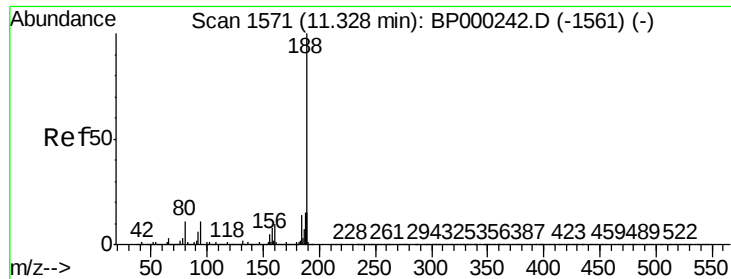
Delta R.T. -0.01 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Tgt Ion:	163	Resp:	47437
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	10.9	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Instrument :

BNA_P

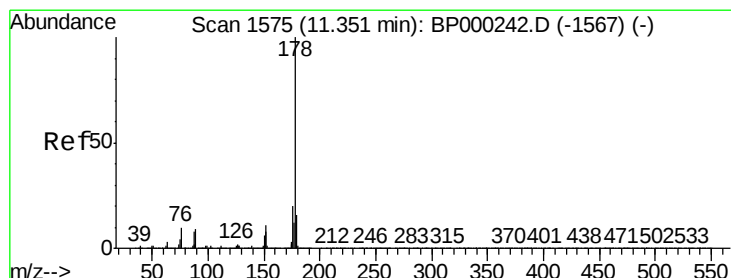
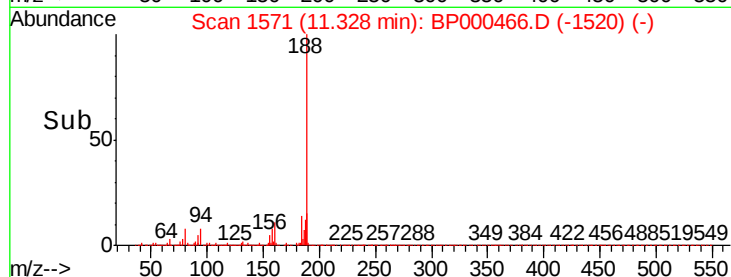
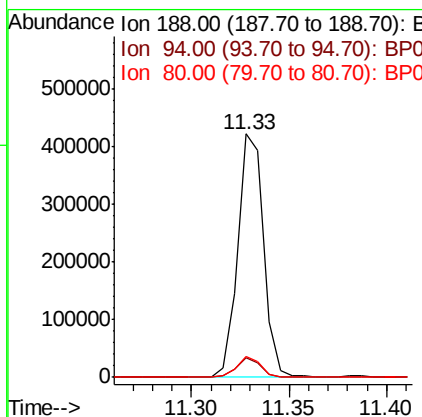
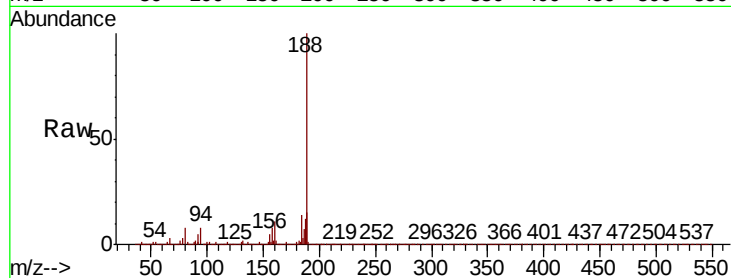
ClientSampleID :

DN-2DL

Tot Ion:	188	Resp:	386654
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.5	12.7#
80	8.4	8.6	13.0#

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#71

Phenanthrene

Concen: 7.649 ng

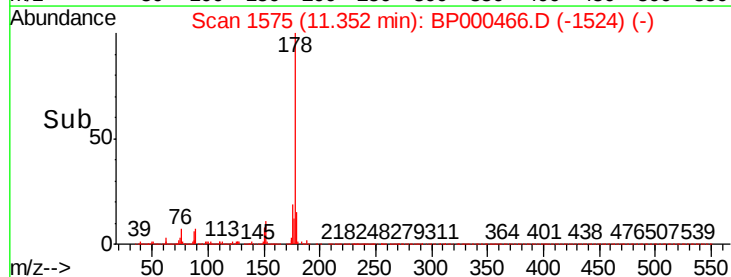
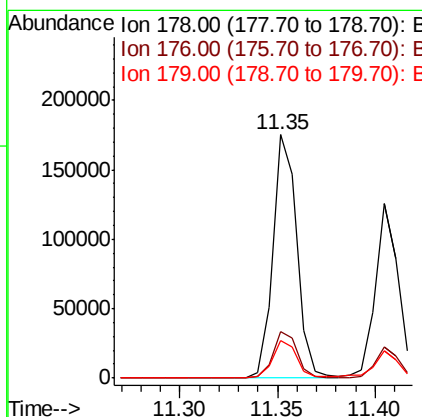
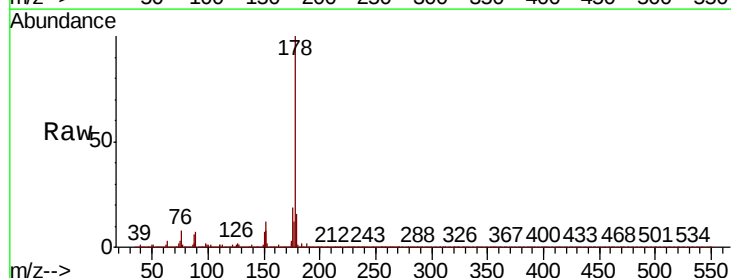
RT: 11.35 min Scan# 1575

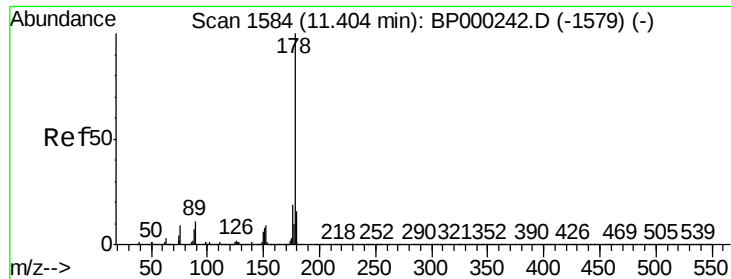
Delta R.T. 0.00 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Tgt Ion:	178	Resp:	148217
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	15.7	12.7	19.1





#72

Anthracene

Concen: 5.005 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Instrument :

BNA_P

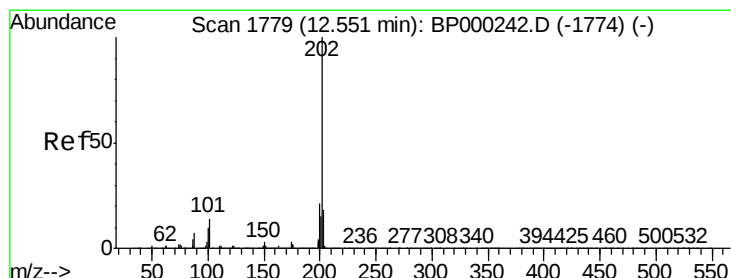
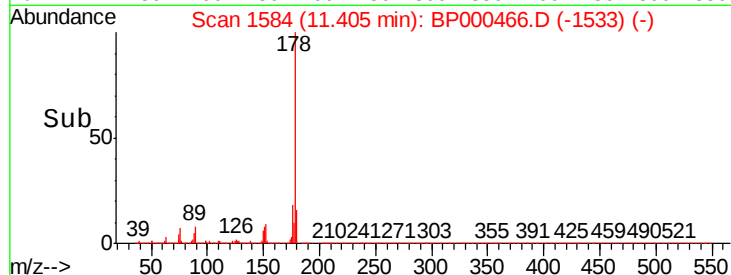
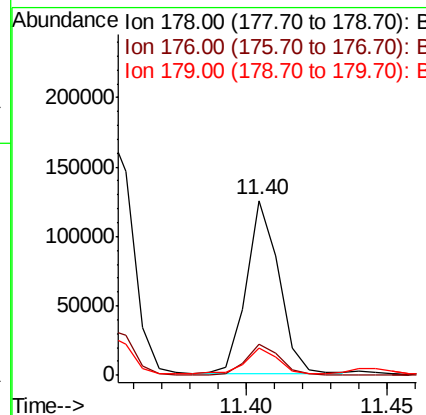
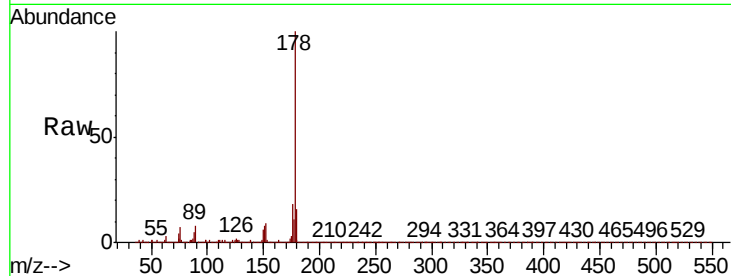
ClientSampleId :

DN-2DL

Tot Ion:	178	Resp:	99815
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.4	23.0
179	15.9	12.7	19.1

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#75

Fluoranthene

Concen: 50.887 ng

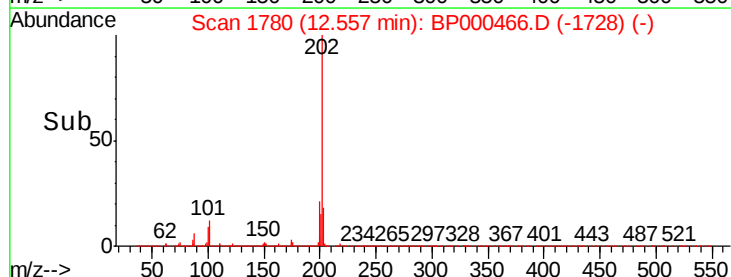
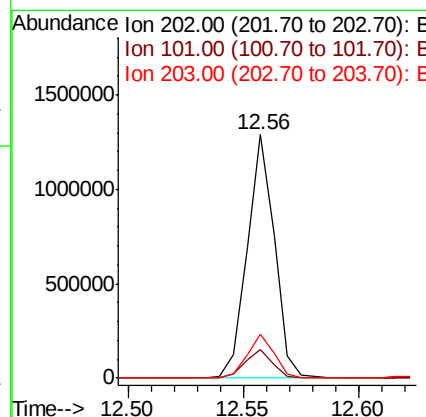
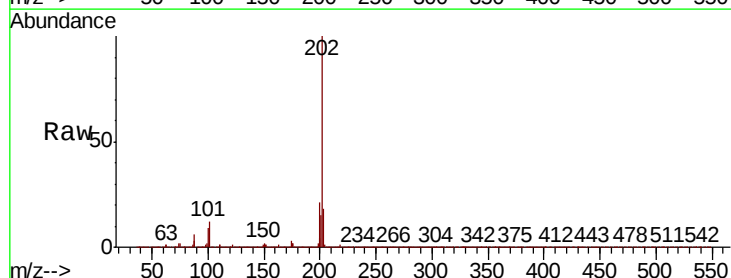
RT: 12.56 min Scan# 1780

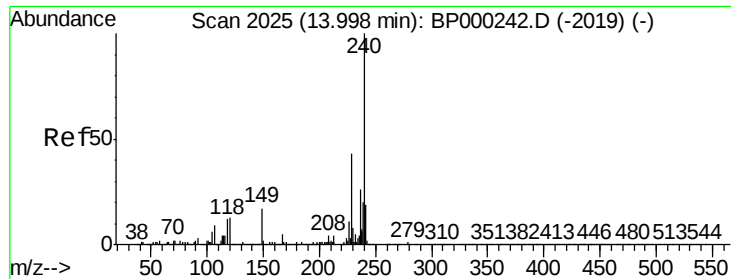
Delta R.T. 0.01 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Tgt Ion:	202	Resp:	1058742
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.9
203	17.8	0.0	38.0





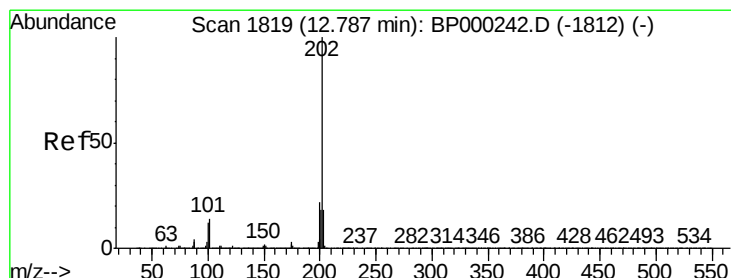
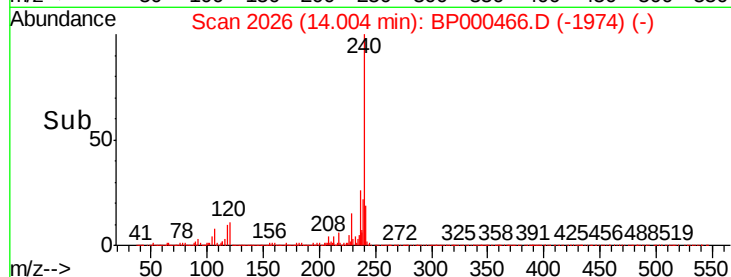
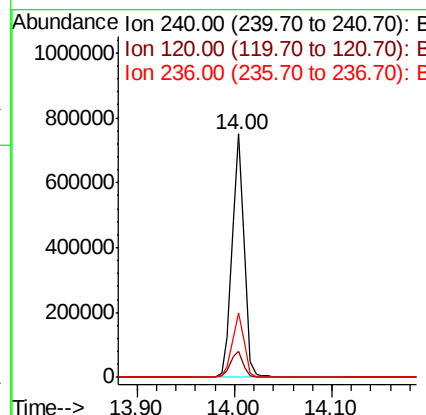
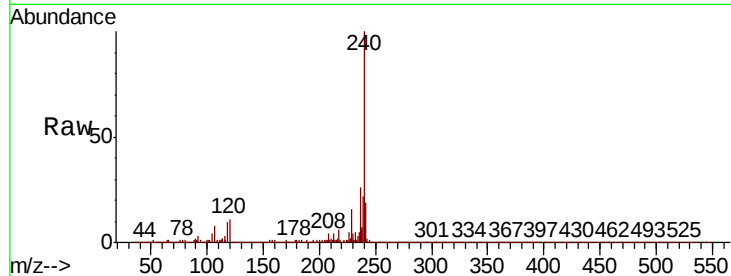
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampleID :
DN-2DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.4	15.6
236	26.2	21.0	31.6

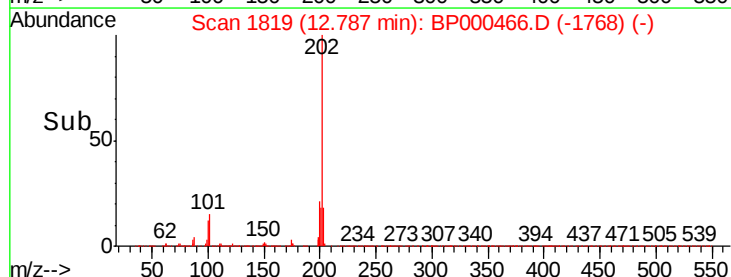
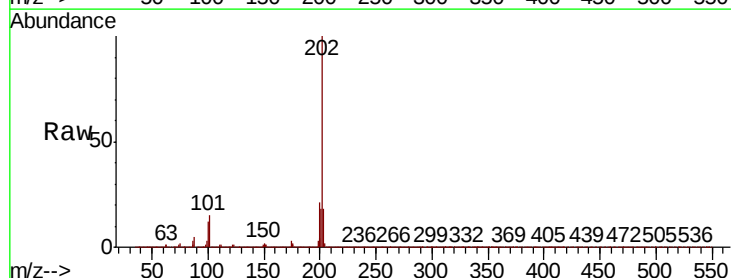
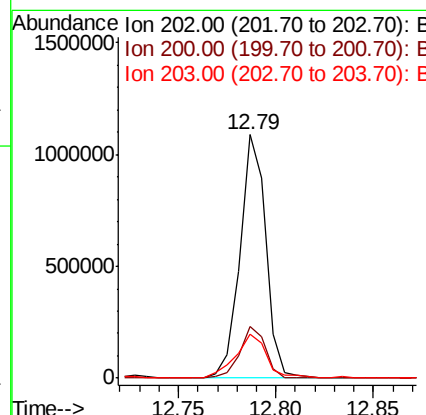
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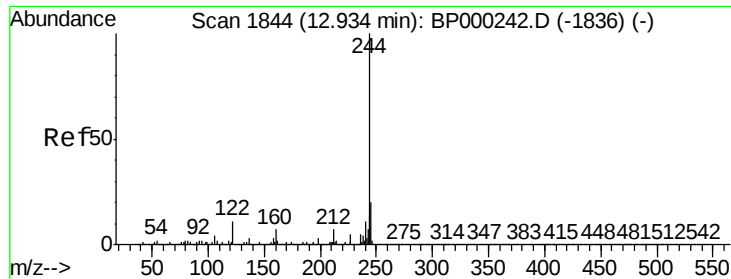
mohammad
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#78
Pyrene
Concen: 20.793 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.5	26.3
203	18.2	14.3	21.5





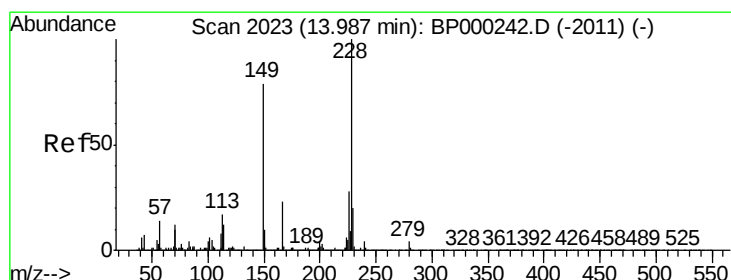
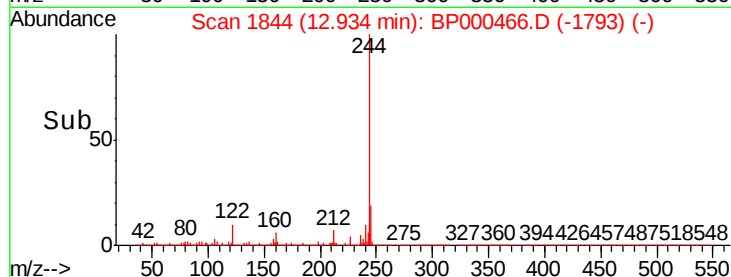
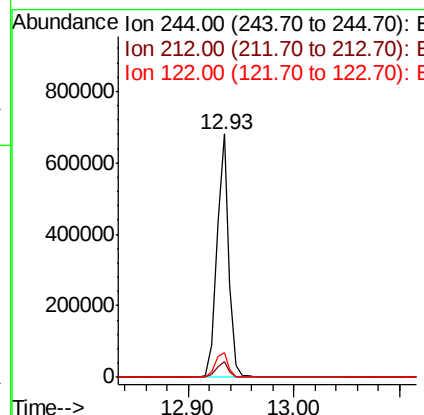
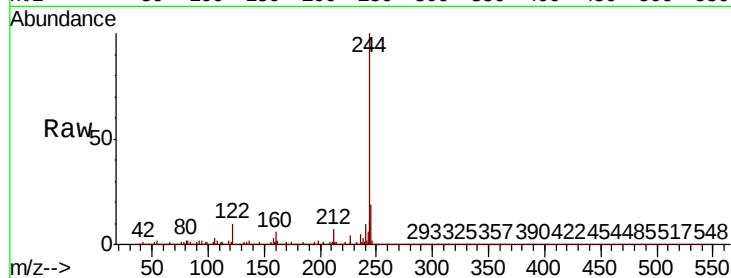
#79
 Terphenyl-d14
 Concen: 17.596 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BP000466.D
 Acq: 27 Sep 2019 18:44

Instrument :
 BNA_P
 ClientSampleId :
 DN-2DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.3	9.0	13.4

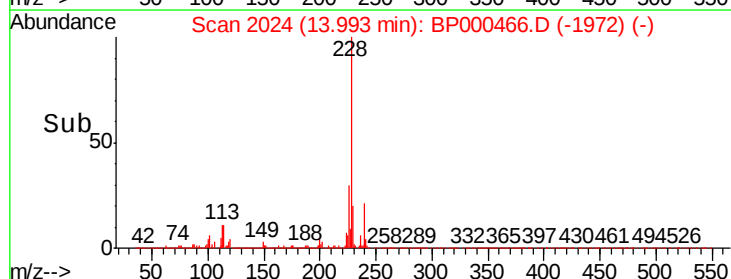
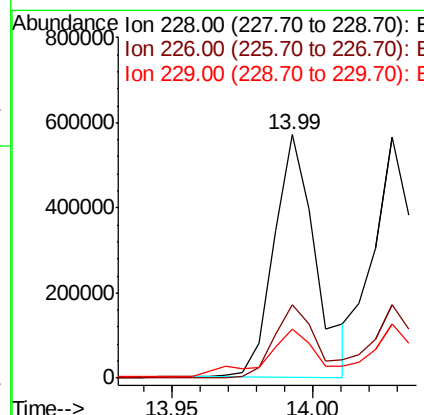
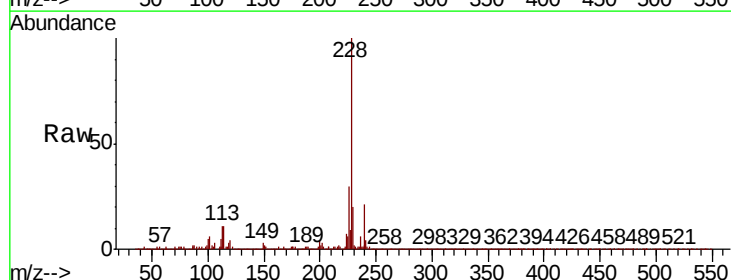
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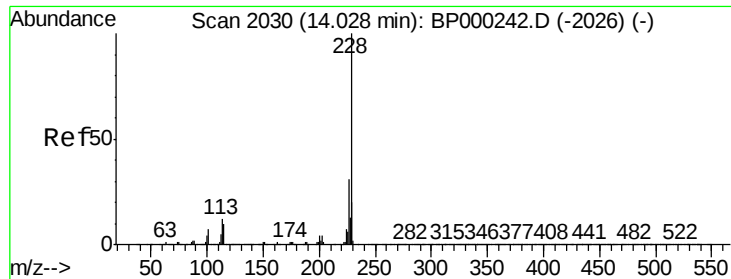
mohammad
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#81
 Benzo(a)anthracene
 Concen: 14.329 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000466.D
 Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.2	33.4
229	20.3	16.0	24.0





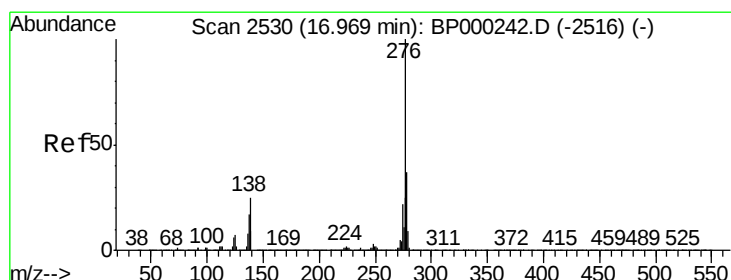
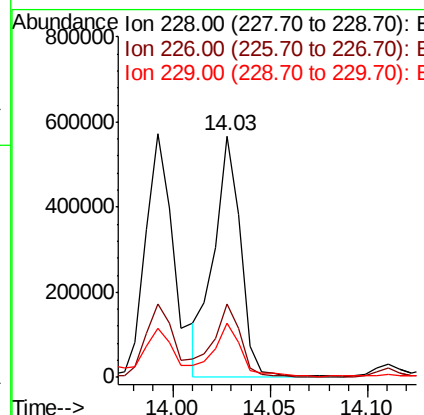
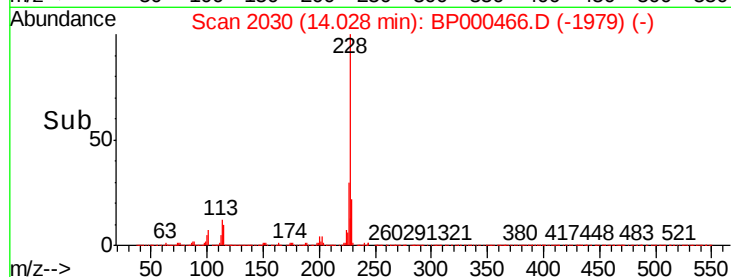
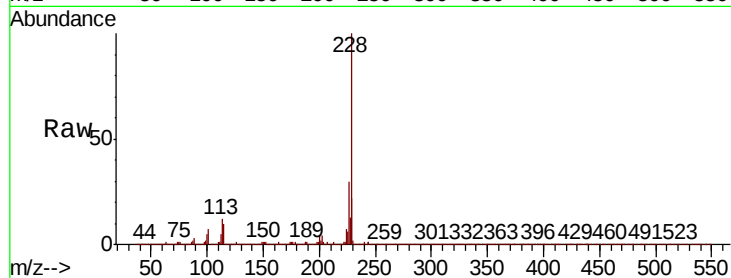
#83
Chrysene
Concen: 13.513 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampled :
DN-2DL

Tot Ion:	228	Resp:	536944
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	22.4	16.2	24.2

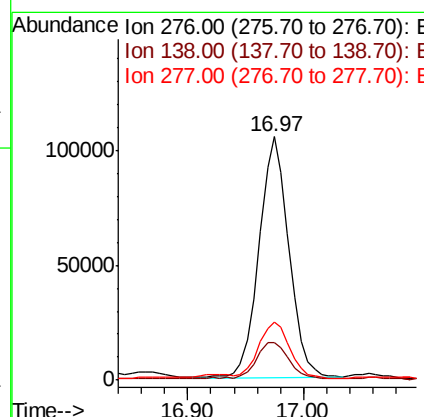
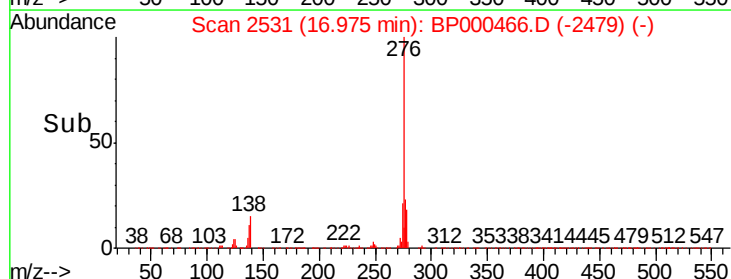
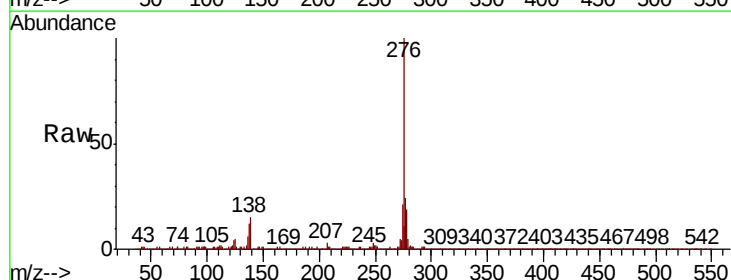
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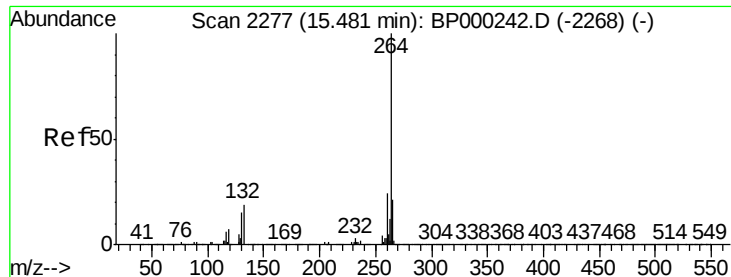
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.951 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion:	276	Resp:	191343
Ion Ratio	Lower	Upper	
276	100		
138	16.0	22.6	33.8#
277	24.4	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Instrument :

BNA_P

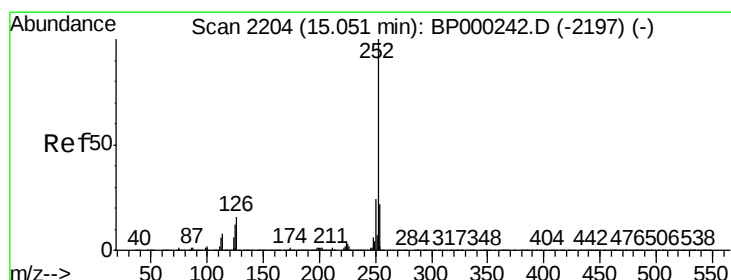
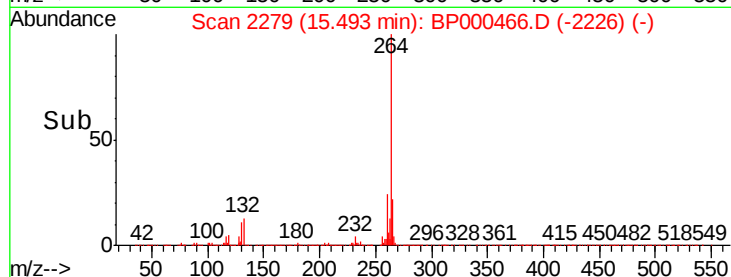
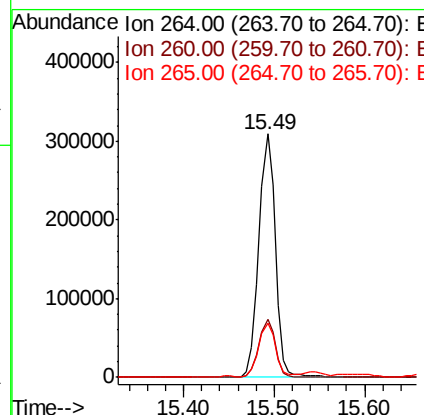
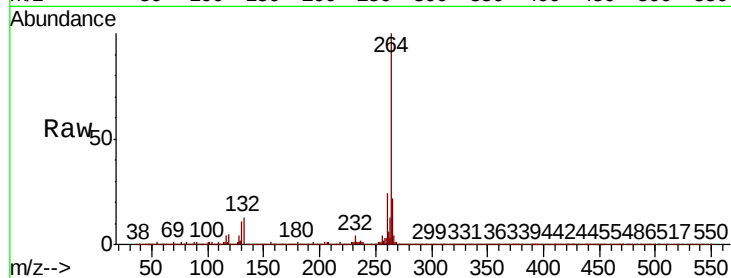
ClientSampleId :

DN-2DL

Tot Ion:	264	Resp:	388285
Ion Ratio		Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 17.647 ng m

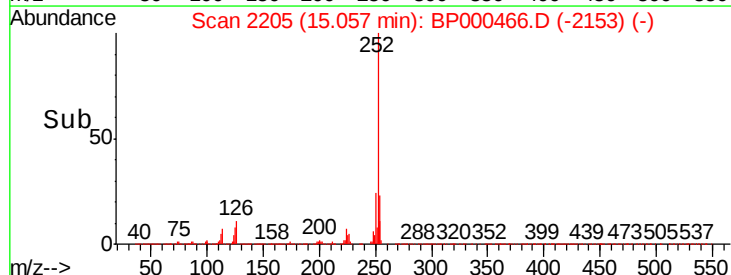
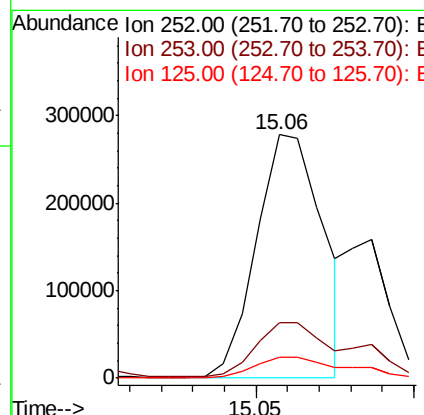
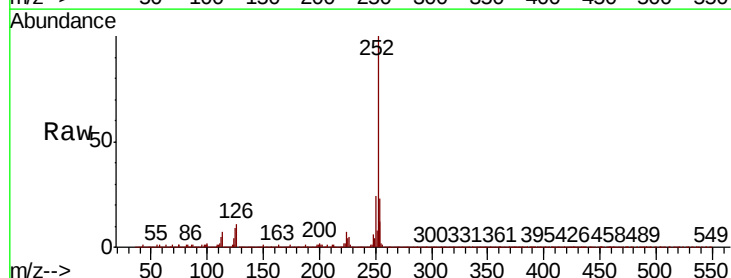
RT: 15.06 min Scan# 2205

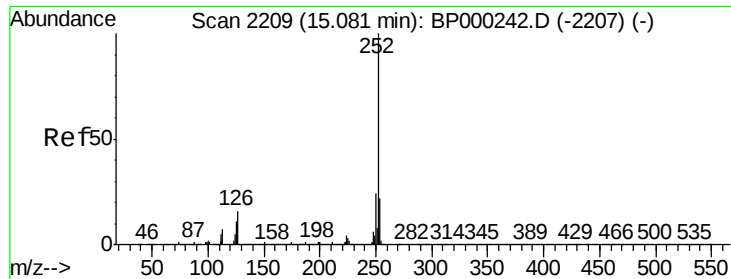
Delta R.T. 0.01 min

Lab File: BP000466.D

Acq: 27 Sep 2019 18:44

Tgt Ion:	252	Resp:	408765
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.7	9.5	14.3#





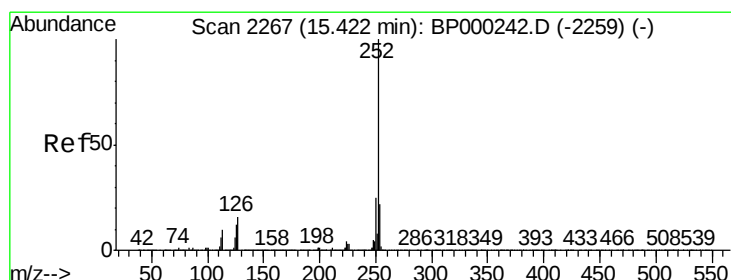
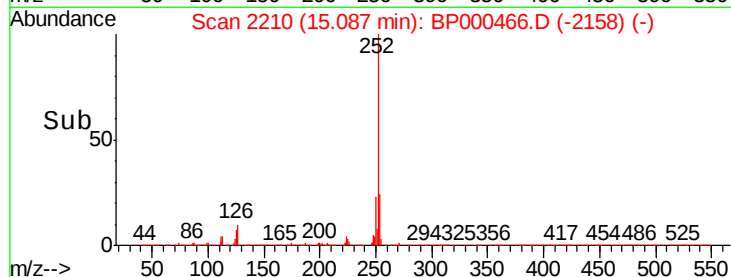
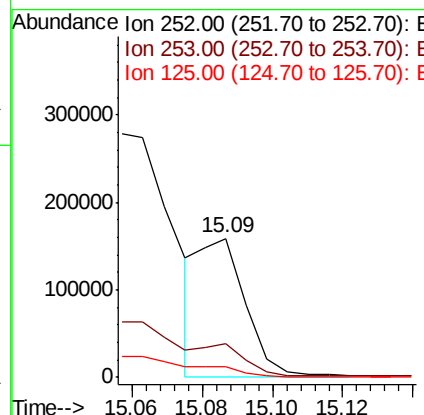
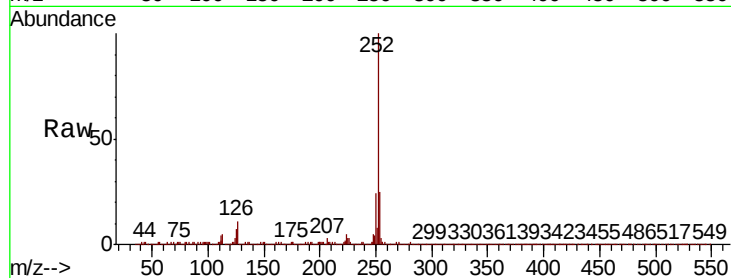
#89
Benzo(k)fluoranthene
Concen: 7.429 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampled :
DN-2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	7.4	9.6	14.4

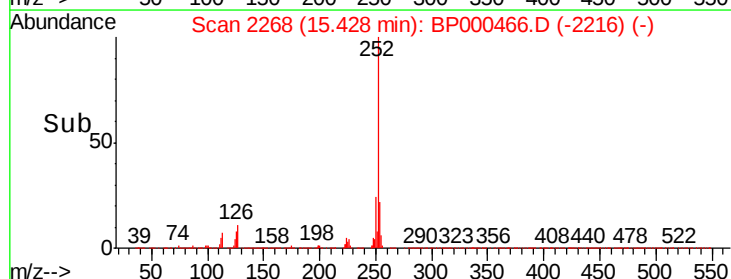
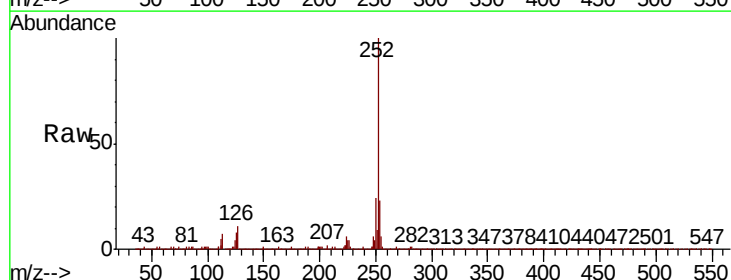
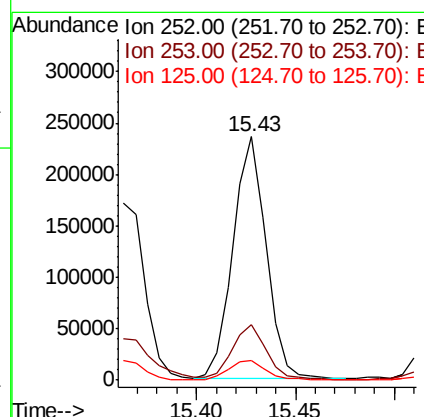
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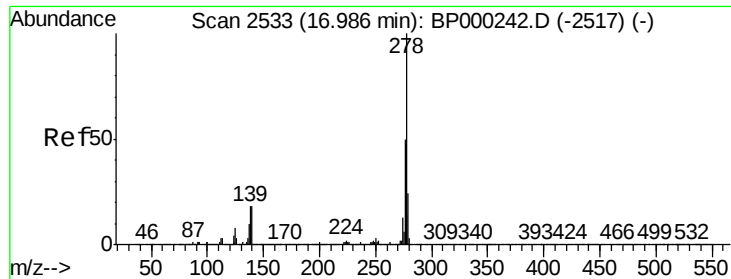
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#90
Benzo(a)pyrene
Concen: 13.020 ng m
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	7.9	10.0	15.0





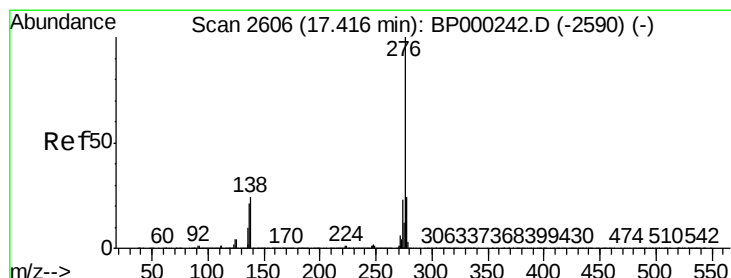
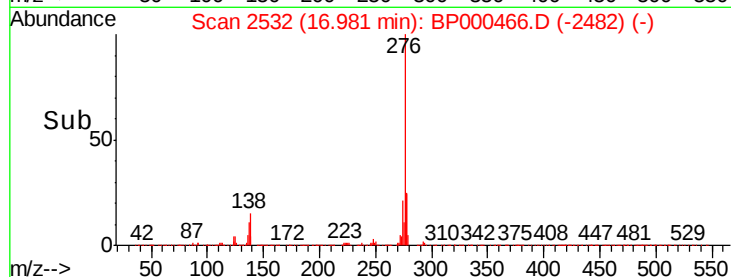
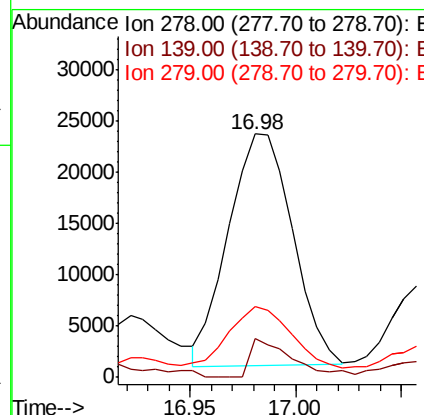
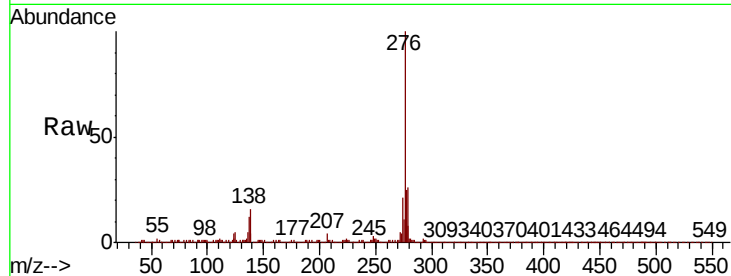
#91
Dibenzo(a,h)anthracene
Concen: 2.432 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Instrument :
BNA_P
ClientSampleId :
DN-2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.5	21.7
279	29.0	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 8.654 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BP000466.D
Acq: 27 Sep 2019 18:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.1	28.7
138	17.1	19.5	29.3

