

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
 Data File : BP000627.D
 Acq On : 10 Oct 2019 19:40
 Operator : JU
 Sample : K5285-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-S

Manual Integrations
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mohammad
 10/14/2019 8:40:28 AM

Quant Time: Oct 11 05:07:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	296881	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1090581	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	590924	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1047985	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	856153	20.00	ng	-0.02
87) Perylene-d12	15.43	264	947396	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1422036	77.00	ng	-0.02
7) Phenol-d6	6.39	99	1826914	82.09	ng	-0.02
23) Nitrobenzene-d5	7.31	82	988802	55.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	469733	74.60	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1841301	50.42	ng	-0.02
79) Terphenyl-d14	12.90	244	1946550	46.03	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	78199	3.432	ng	92
50) Dimethylphthalate	9.51	163	356135	8.673	ng	99
75) Fluoranthene	12.52	202	288834	4.886	ng	98
78) Pyrene	12.75	202	265009	4.488	ng	99
81) Benzo(a)anthracene	13.95	228	168807	3.232	ng	95
83) Chrysene	13.99	228	145658	2.841	ng	97
88) Benzo(b)fluoranthene	15.01	252	240307m	4.471	ng	
90) Benzo(a)pyrene	15.37	252	160249	3.198	ng	96
92) Benzo(g,h,i)perylene	17.33	276	124039	2.512	ng	99

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

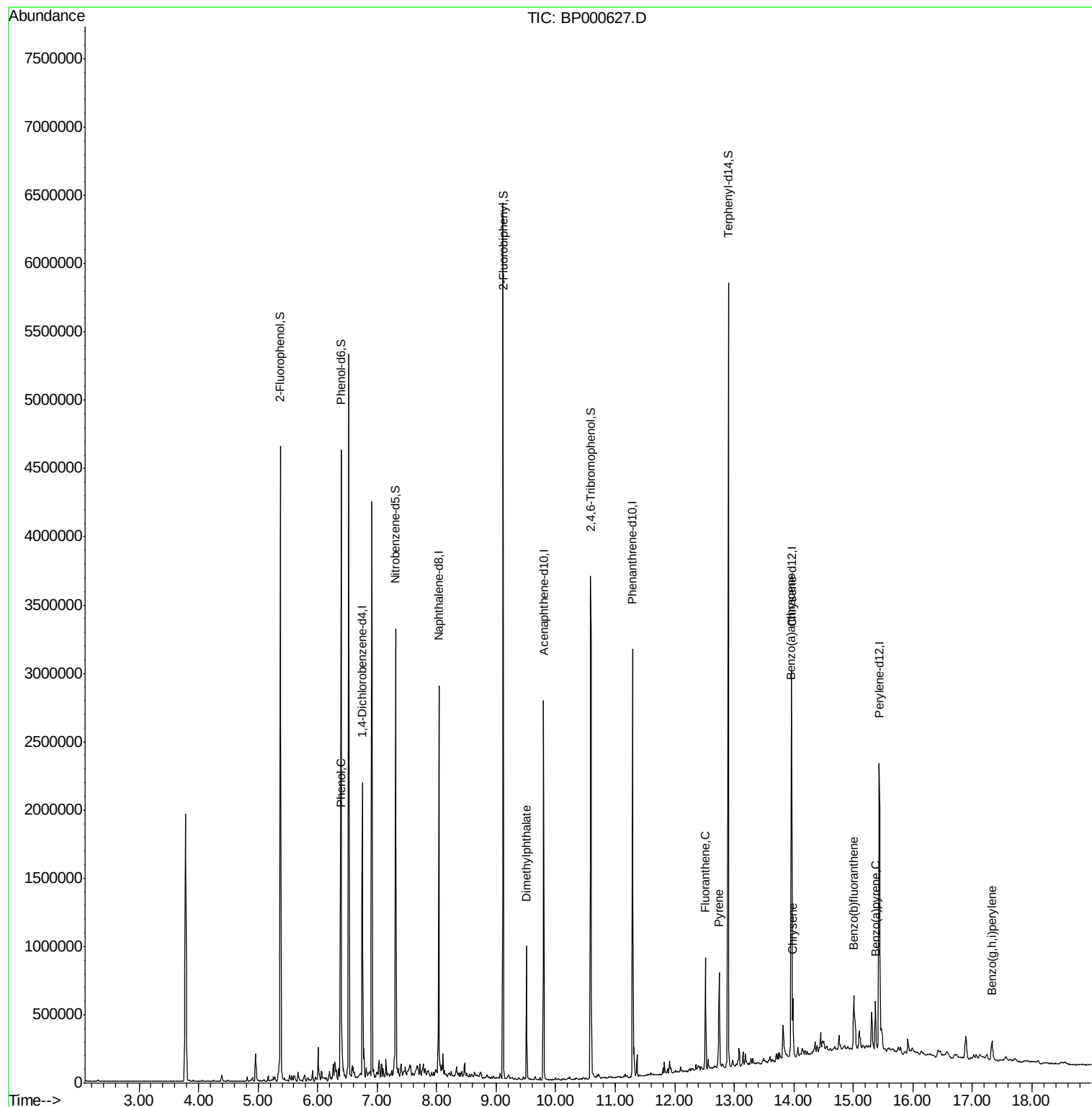
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
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Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

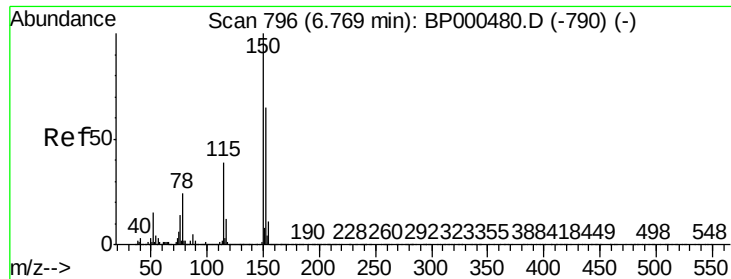
Instrument :
BNA_P
ClientSampleId :
TP-2-S

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Quant Time: Oct 11 05:07:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

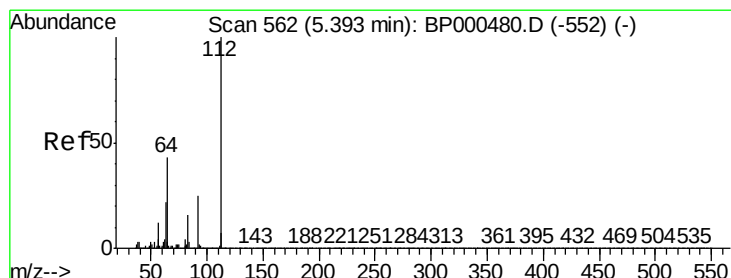
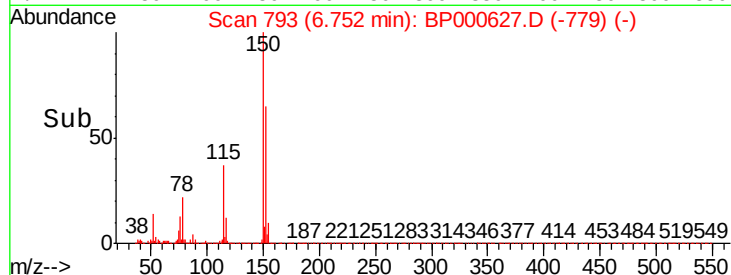
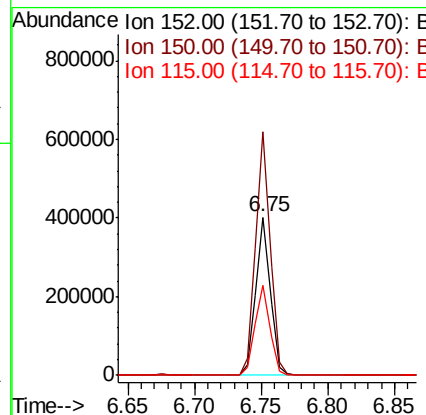
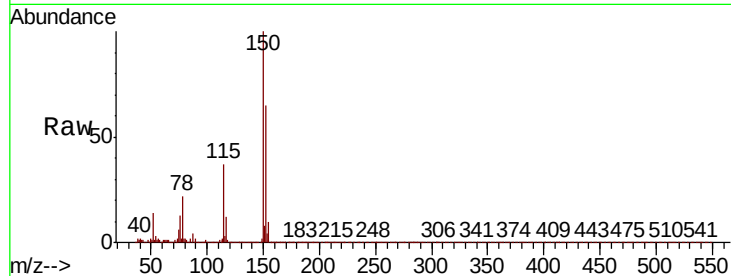
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
152	100	296881		
150	153.8	124.1	186.1	
115	56.7	48.7	73.1	

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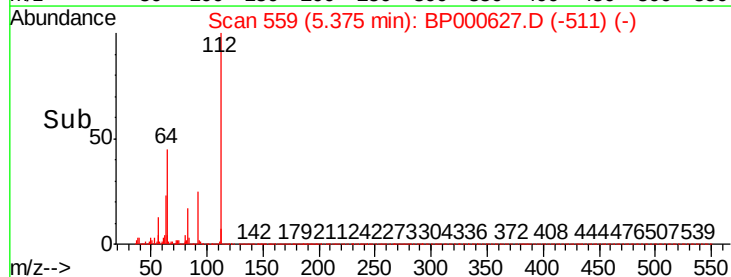
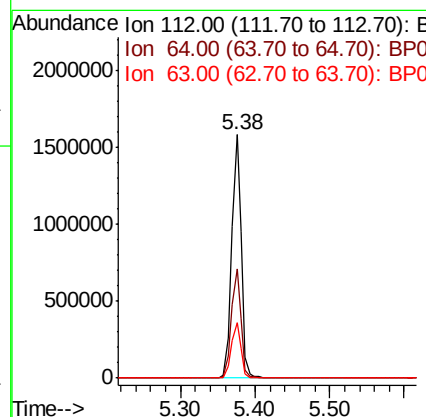
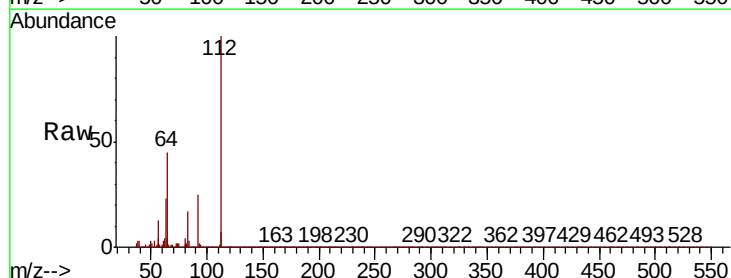
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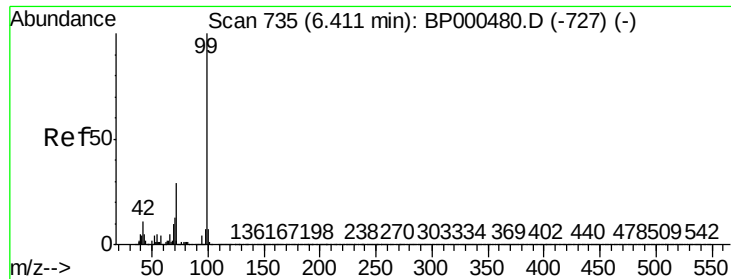


#5

2-Fluorophenol
Concen: 76.995 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1422036		
64	44.7	34.2	51.4	
63	22.8	17.9	26.9	





#7

Phenol-d6

Concen: 82.086 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Instrument :

BNA_P

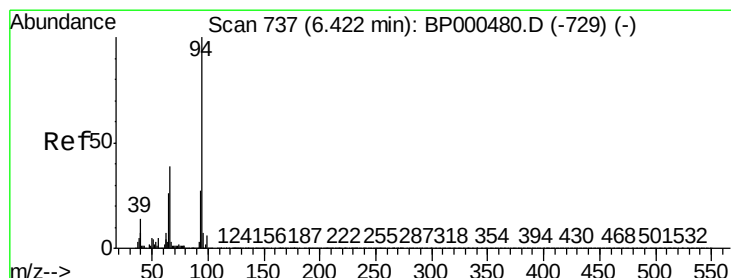
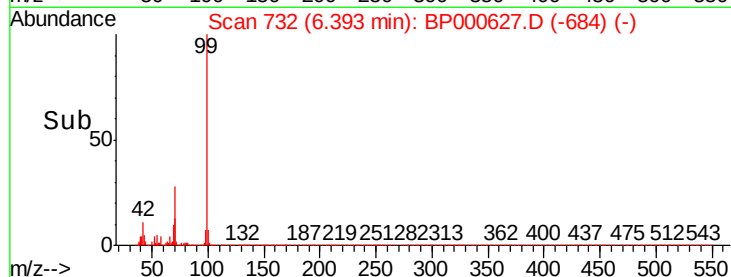
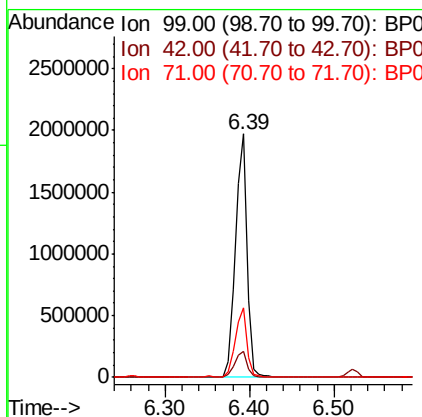
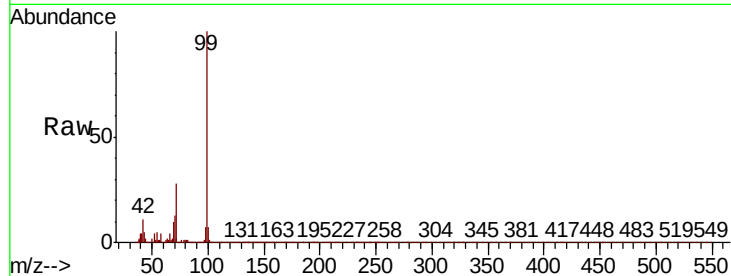
ClientSampled :

TP-2-S

Tot Ion:	99	Resp:	1826914
Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.6	12.8
71	28.5	23.0	34.4

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#10

Phenol

Concen: 3.432 ng

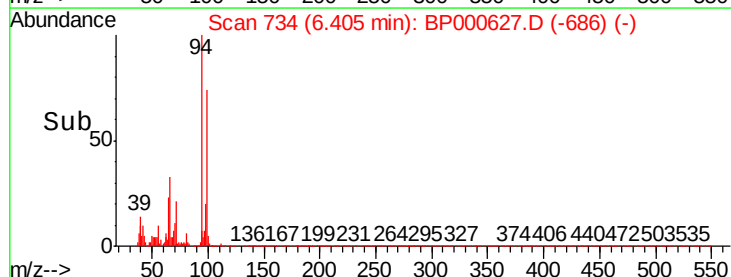
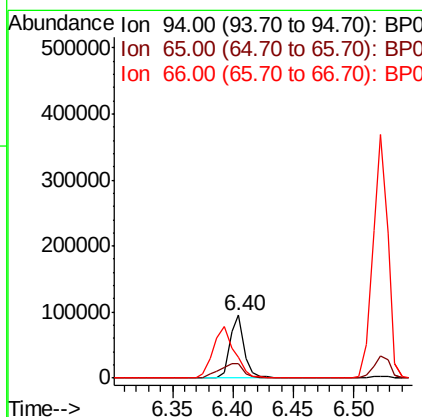
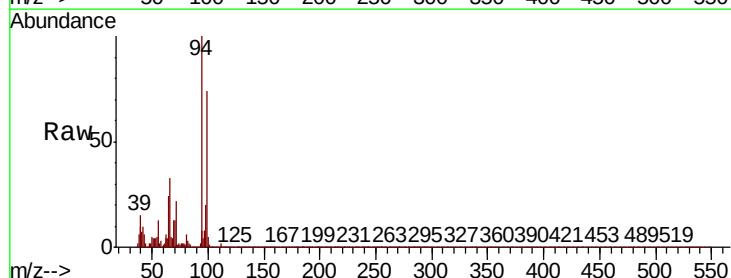
RT: 6.40 min Scan# 734

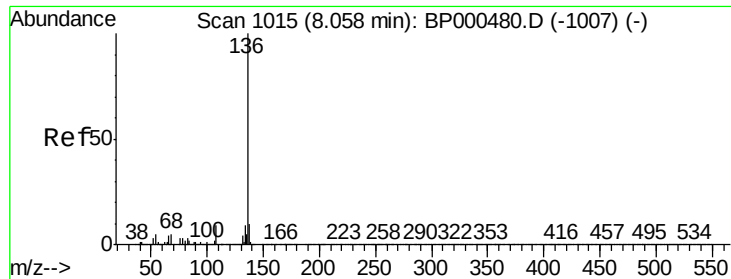
Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Tgt Ion:	94	Resp:	78199
Ion	Ratio	Lower	Upper
94	100		
65	23.6	5.9	45.9
66	32.7	18.8	58.8





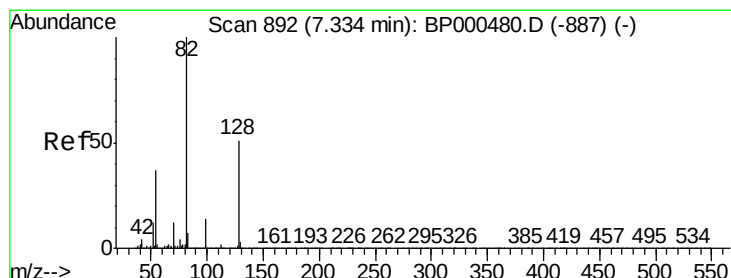
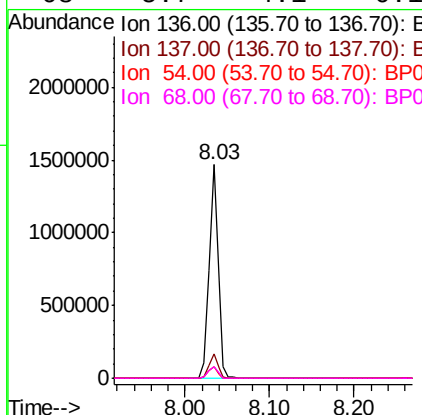
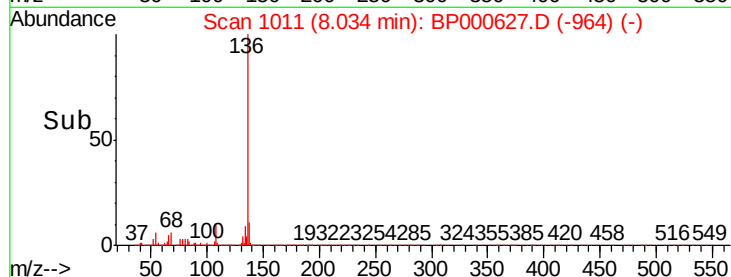
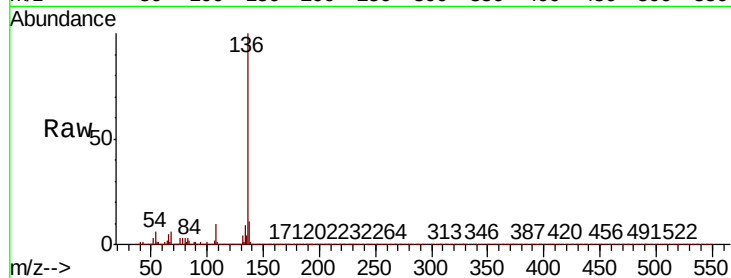
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.6	4.1	6.1
68	5.7	4.1	6.1

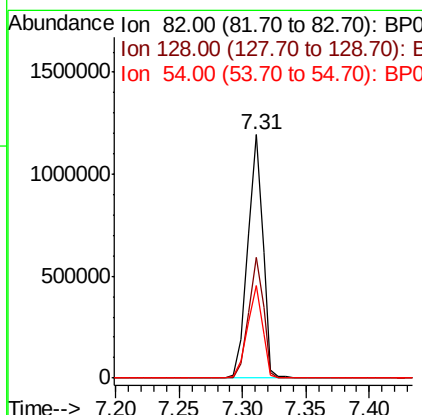
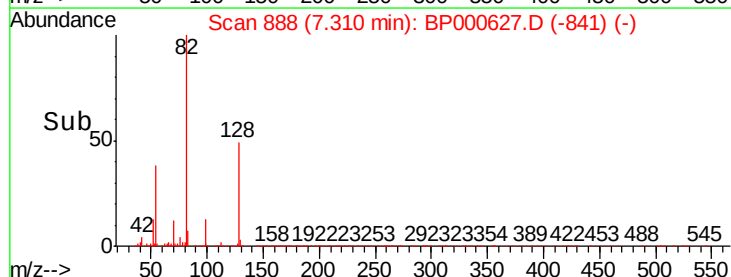
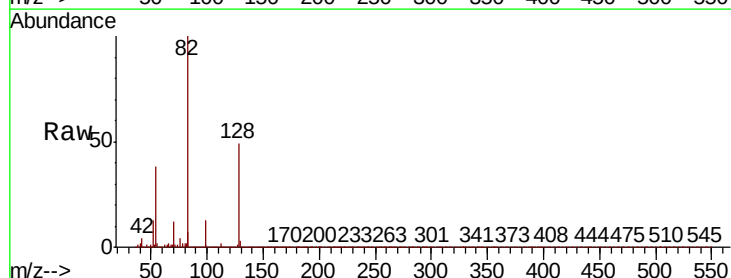
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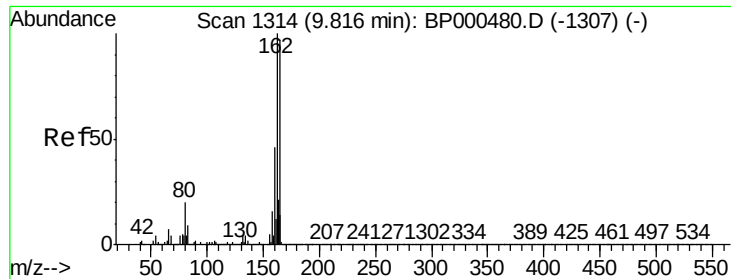
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#23
Nitrobenzene-d5
Concen: 55.375 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.9	61.3
54	38.1	29.4	44.2





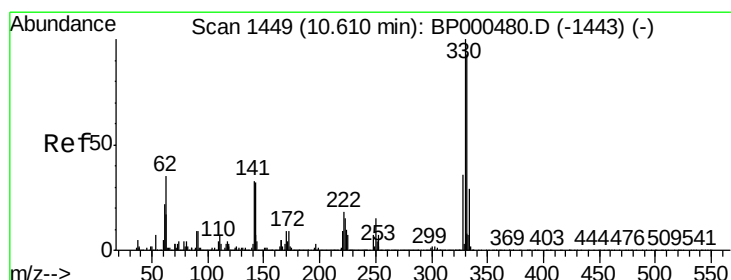
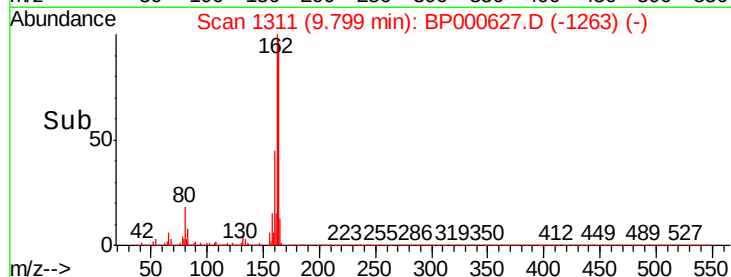
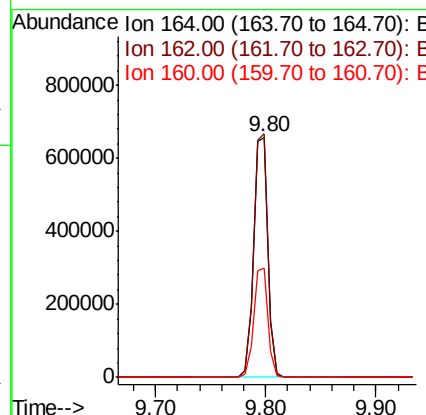
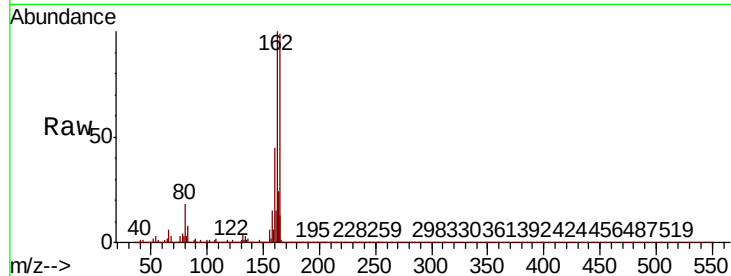
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.2	123.2	
160	45.4	37.6	56.4	

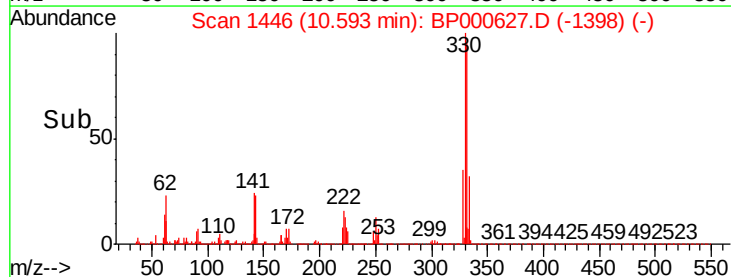
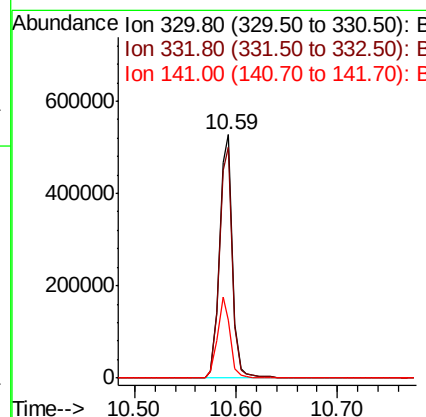
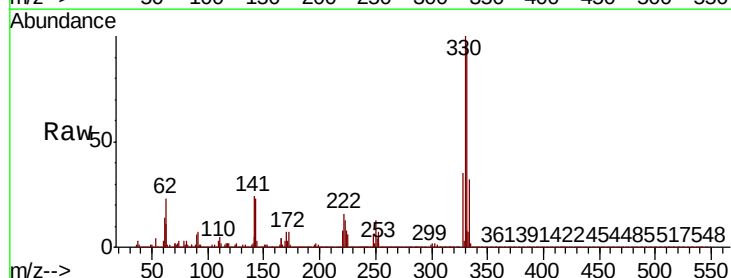
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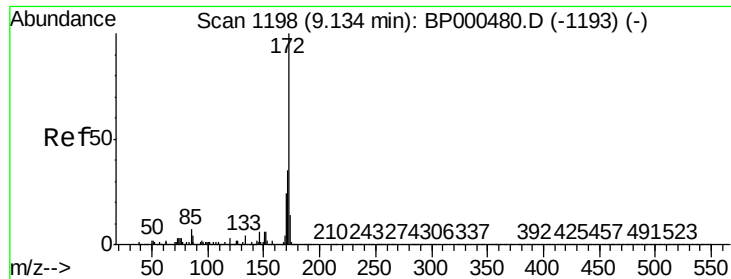
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#42
2,4,6-Tribromophenol
Concen: 74.596 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.1	115.7	
141	32.8	26.0	39.0	





#45

2-Fluorobiphenyl

Concen: 50.416 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Instrument :

BNA_P

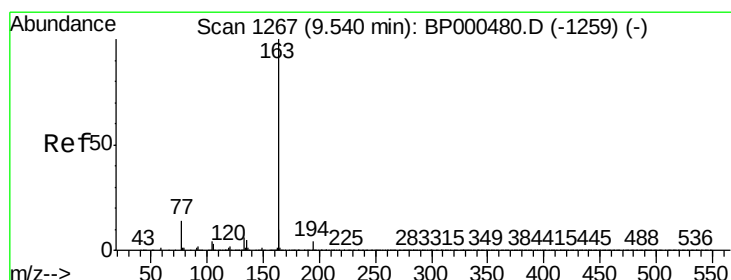
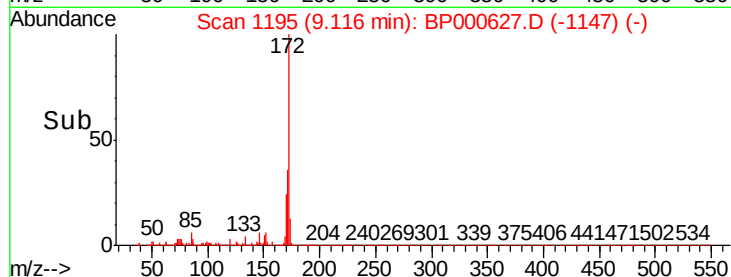
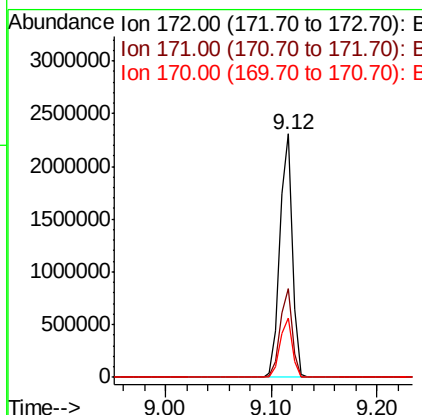
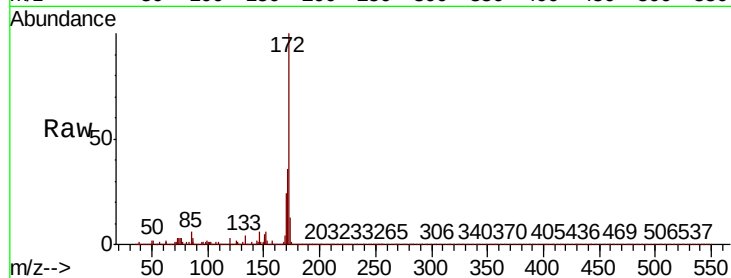
ClientSampleId :

TP-2-S

Tot Ion:	172	Resp:	1841301
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.4	42.6
170	24.1	19.1	28.7

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#50

Dimethylphthalate

Concen: 8.673 ng

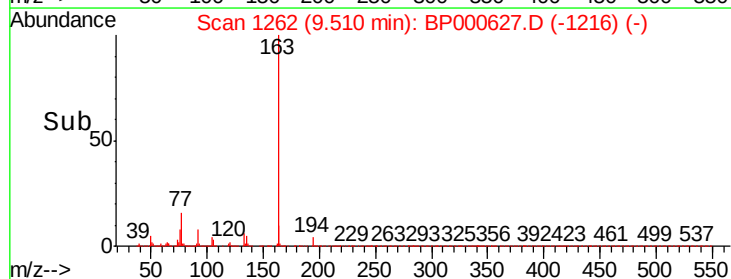
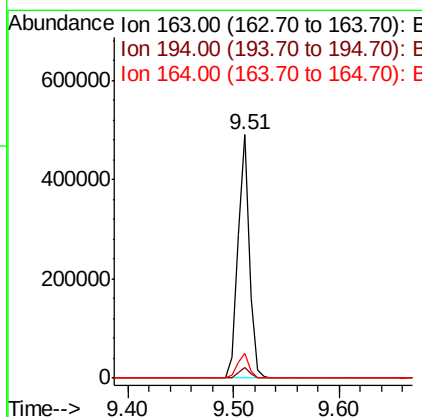
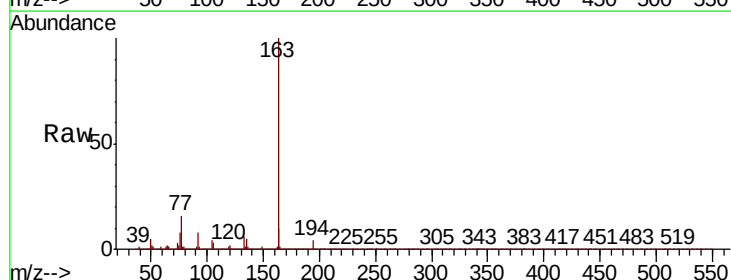
RT: 9.51 min Scan# 1262

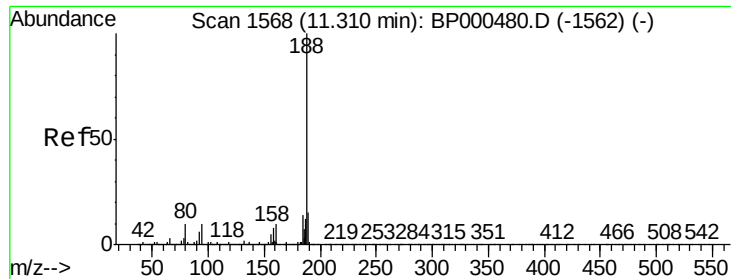
Delta R.T. -0.03 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Tgt Ion:	163	Resp:	356135
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.3	8.0	12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Instrument :

BNA_P

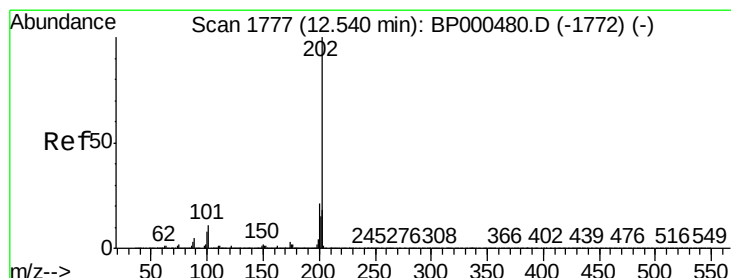
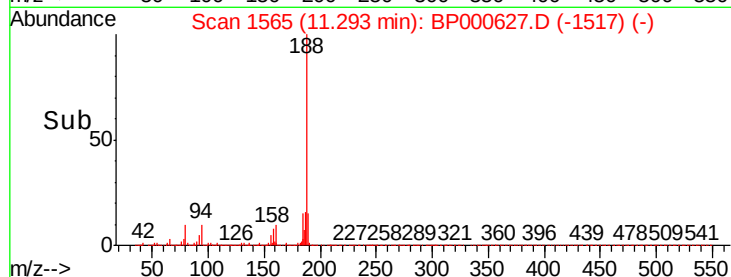
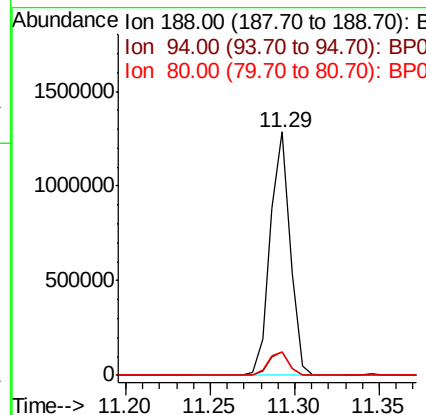
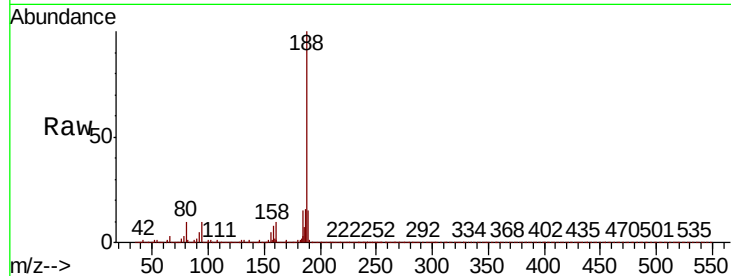
ClientSampleId :

TP-2-S

Tot Ion:	188	Resp:	1047985
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.2	12.2
80	9.5	8.3	12.5

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#75

Fluoranthene

Concen: 4.886 ng

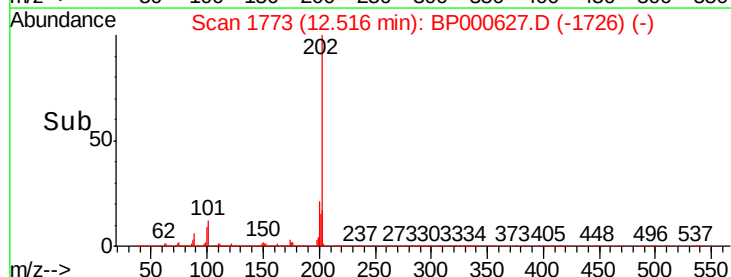
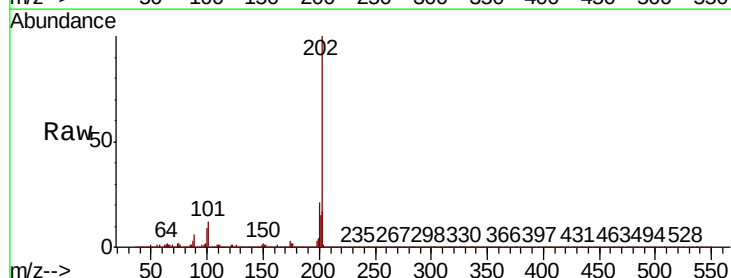
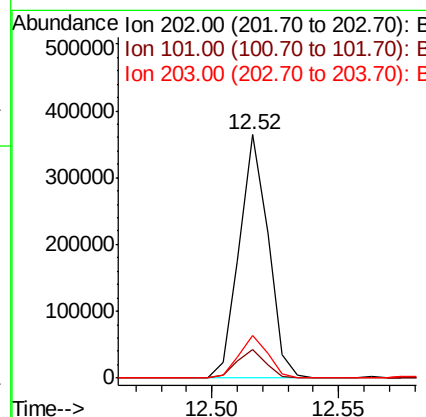
RT: 12.52 min Scan# 1773

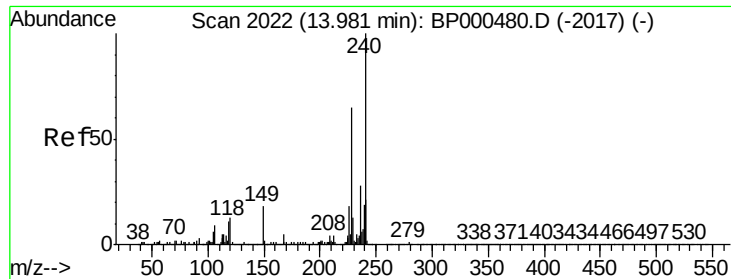
Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Tgt Ion:	202	Resp:	288834
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.3
203	17.4	0.0	38.1





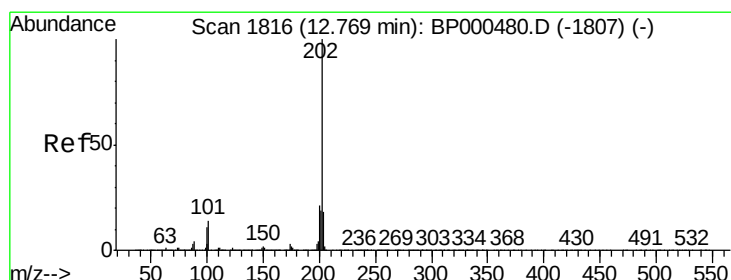
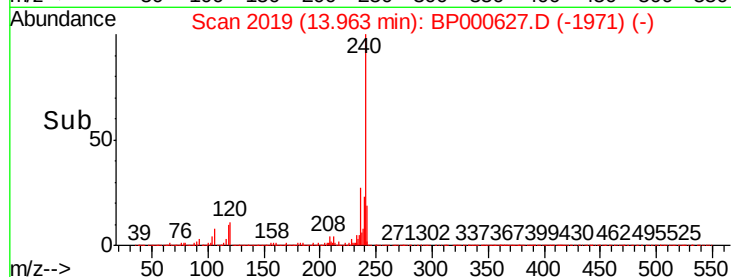
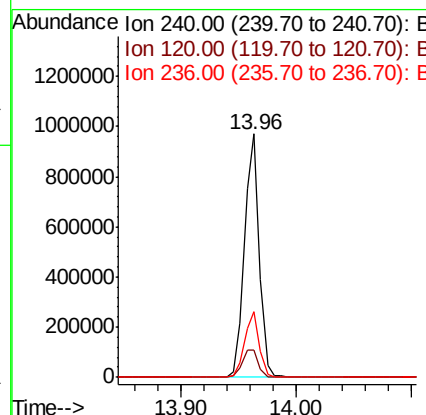
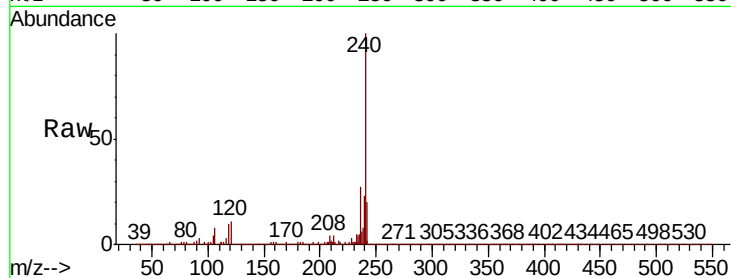
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.1	15.1
236	27.2	22.7	34.1

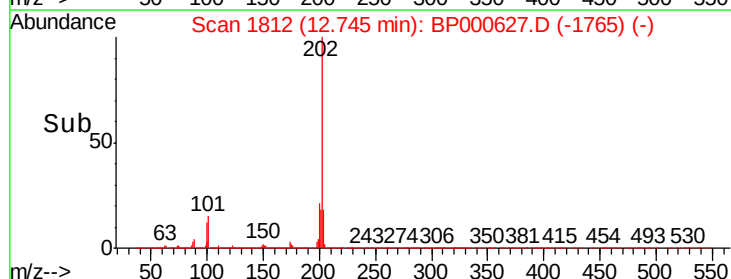
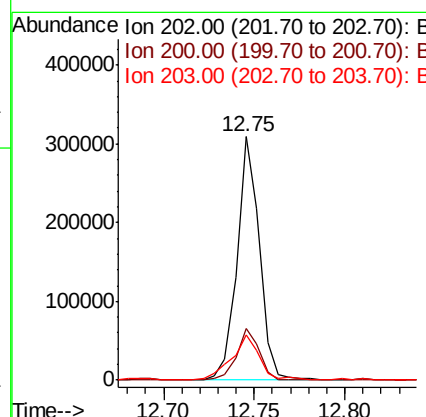
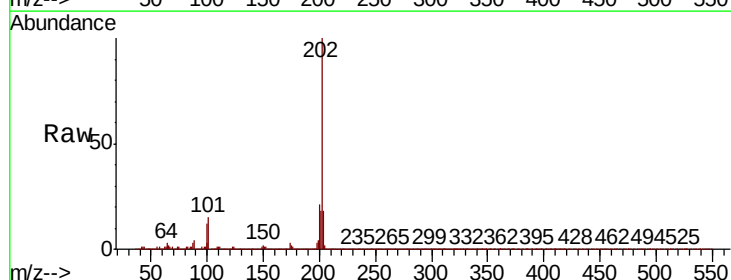
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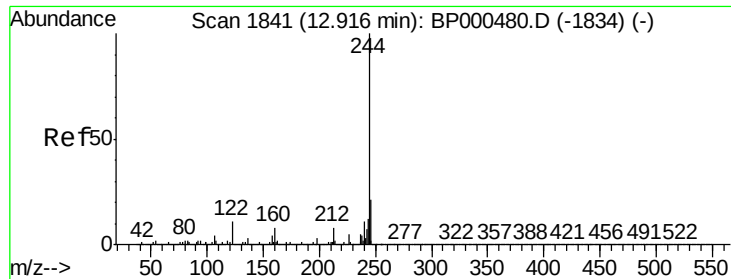
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#78
Pyrene
Concen: 4.488 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.4	14.6	21.8





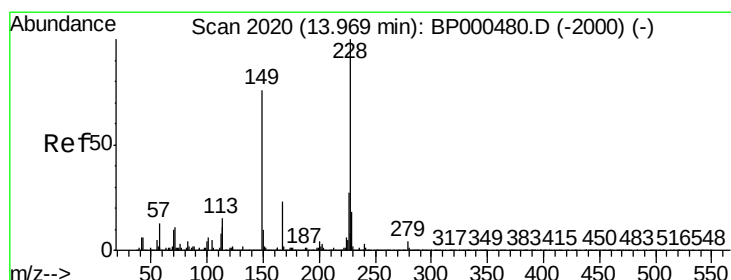
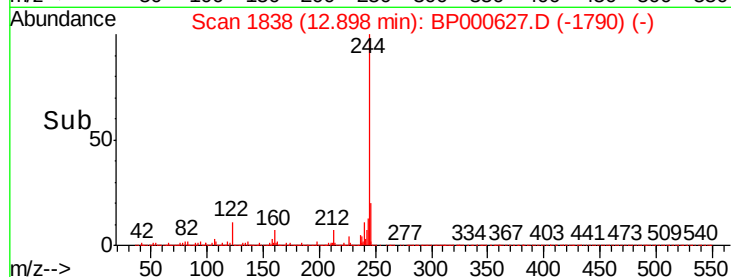
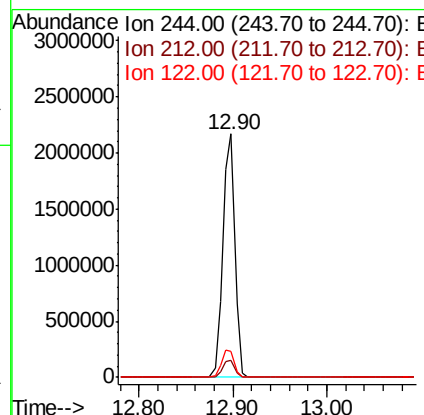
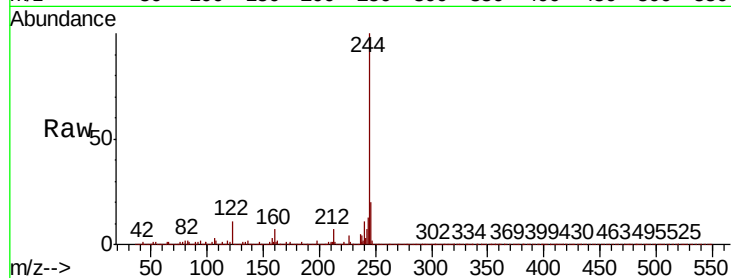
#79
 Terphenyl-d14
 Concen: 46.034 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000627.D
 Acq: 10 Oct 2019 19:40

Instrument :
 BNA_P
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.6	8.9	13.3

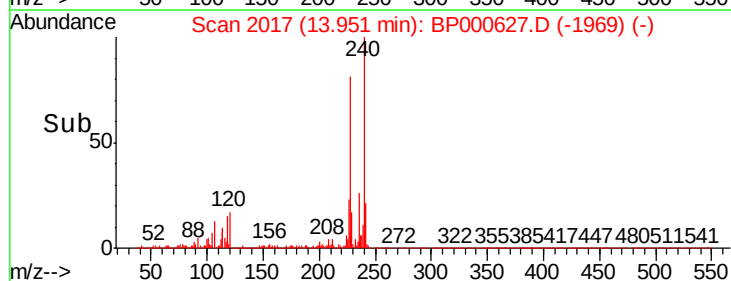
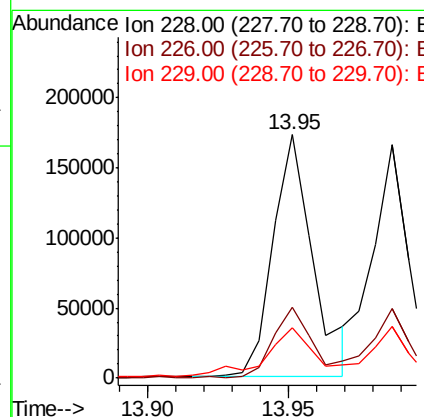
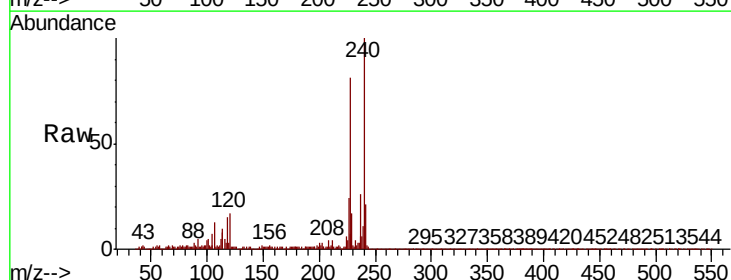
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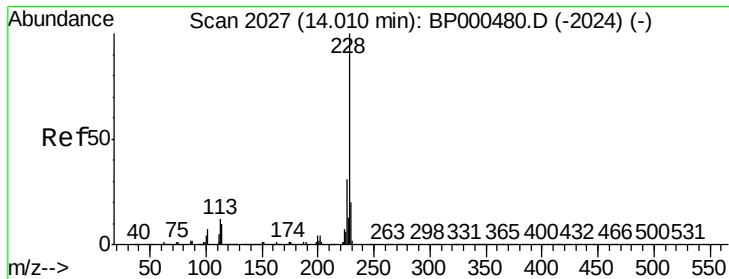
mohammad
 10/14/2019 8:40:28 AM



#81
 Benzo(a)anthracene
 Concen: 3.232 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BP000627.D
 Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.4	32.2
229	20.9	14.7	22.1





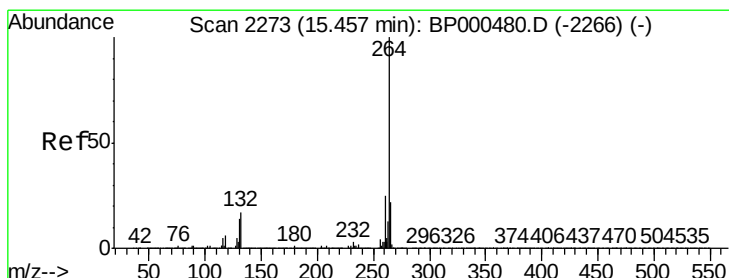
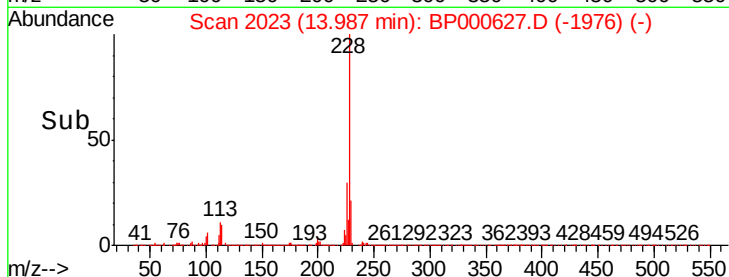
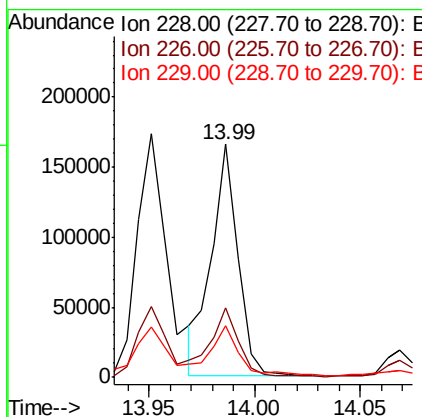
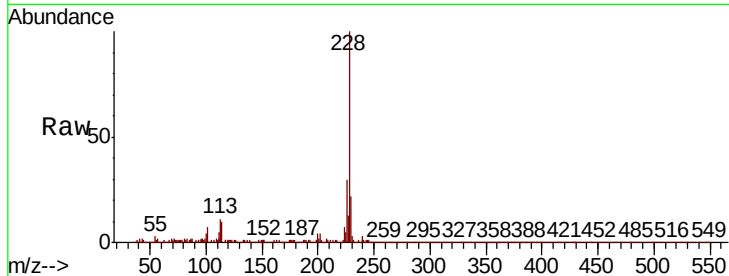
#83
Chrysene
Concen: 2.841 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tot Ion:	228	Resp:	145658
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.7	37.1
229	22.0	16.3	24.5

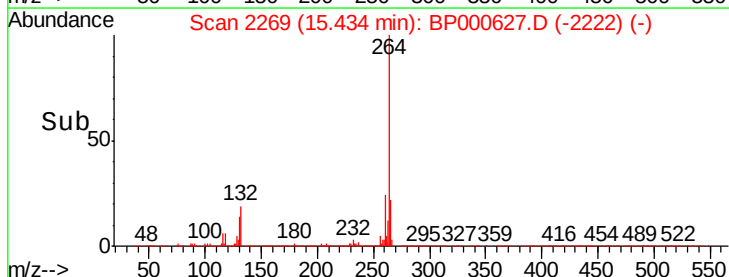
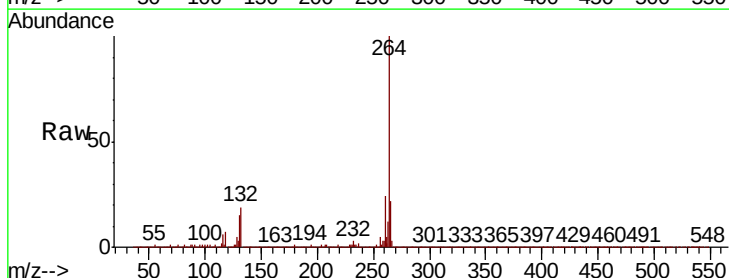
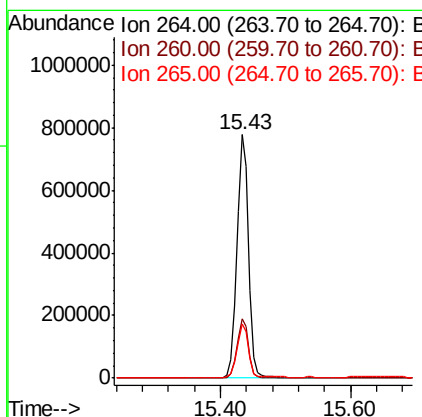
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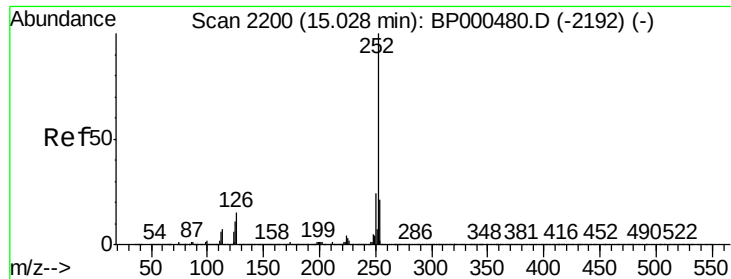
mohammad
10/14/2019 8:40:28 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion:	264	Resp:	947396
Ion Ratio		Lower	Upper
264	100		
260	24.2	20.3	30.5
265	22.0	18.0	27.0





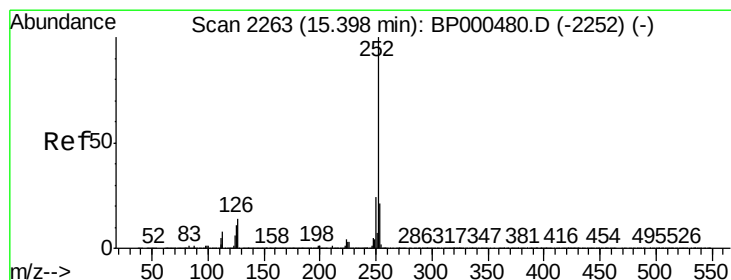
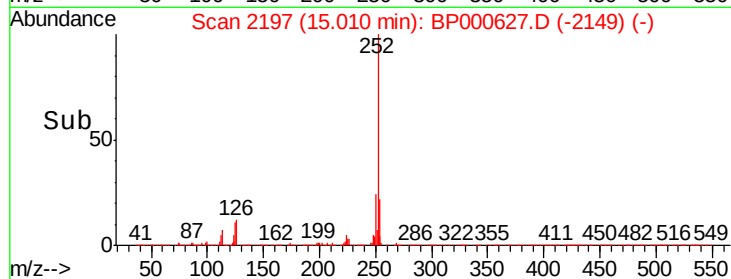
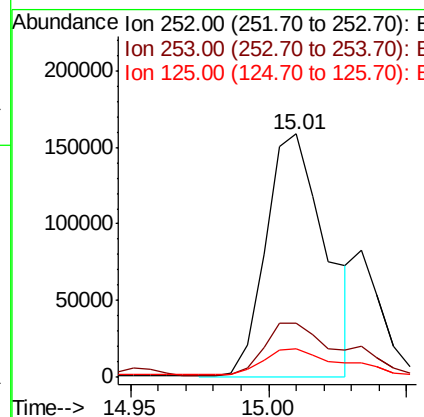
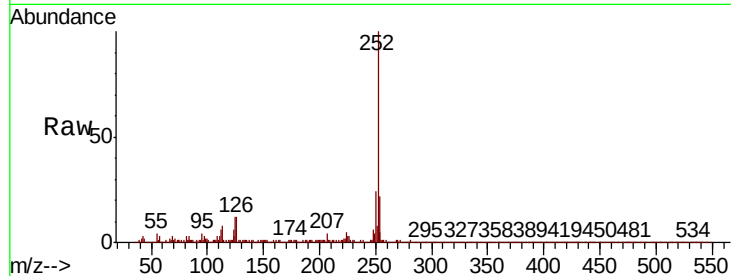
#88
Benzo(b)fluoranthene
Concen: 4.471 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.8	8.9	13.3

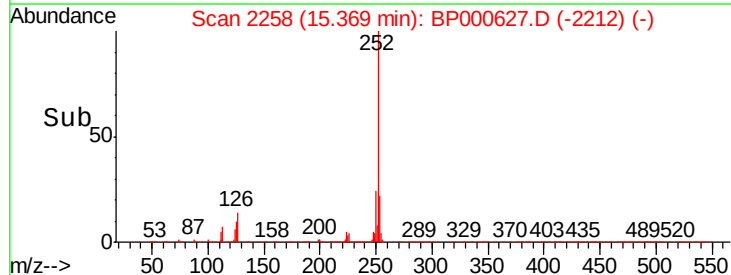
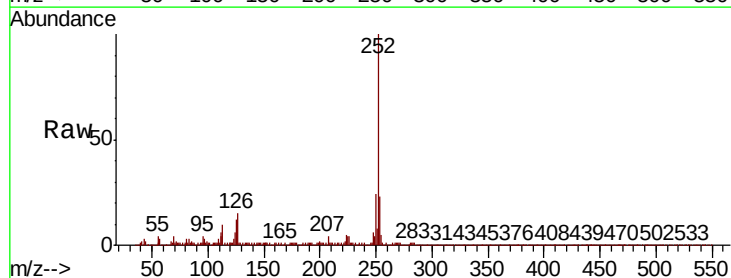
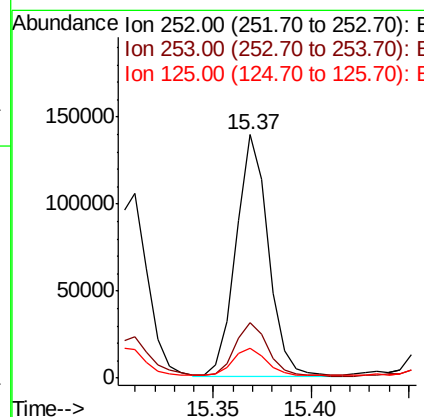
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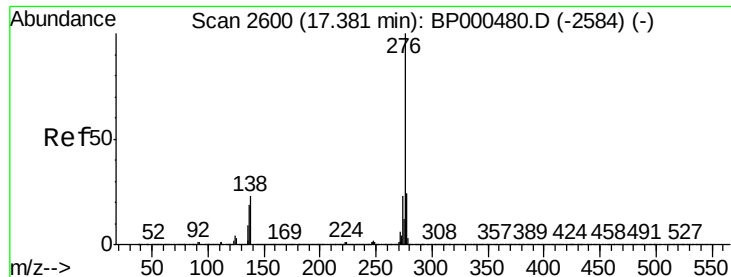
mohammad
10/14/2019 8:40:28 AM



#90
Benzo(a)pyrene
Concen: 3.198 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.03 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.3	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.512 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. -0.05 min
 Lab File: BP000627.D
 Acq: 10 Oct 2019 19:40

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-S

Tot Ion:	276	Resp:	124039
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.4	29.2
138	22.9	18.5	27.7

Manual Integrations
 APPROVED

mohammad
 10/14/2019 8:40:28 AM

