

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002616.D
 Acq On : 01 Jul 2020 21:54
 Operator : CG/JU
 Sample : L2815-16 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-062920

Manual Integrations
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mohammad
 7/7/2020 8:23:57 AM

Quant Time: Jul 02 02:33:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	273472	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1142361	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	705446	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1515020	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1148915	20.00	ng	0.00
86) Perylene-d12	23.28	264	1004078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	312358	19.34	ng	0.00
7) Phenol-d6	6.76	99	428777	19.02	ng	0.00
23) Nitrobenzene-d5	8.72	82	235847	10.64	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	151334	17.64	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	627839	13.10	ng	0.00
79) Terphenyl-d14	19.57	244	928660	17.45	ng	0.00
Target Compounds						
49) Acenaphthylene	13.93	152	209738	3.068	ng	99
71) Phenanthrene	17.02	178	754971	9.262	ng	99
72) Anthracene	17.11	178	334191	4.120	ng	100
75) Fluoranthene	19.00	202	1811264	18.357	ng	98
78) Pyrene	19.36	202	1722432	22.025	ng	99
81) Benzo(a)anthracene	21.07	228	902123	12.010	ng	99
83) Chrysene	21.12	228	777918	10.800	ng	98
87) Indeno(1,2,3-cd)pyrene	25.49	276	455631	6.302	ng	99
88) Benzo(b)fluoranthene	22.63	252	985391	15.380	ng	98
89) Benzo(k)fluoranthene	22.67	252	312230m	5.224	ng	
90) Benzo(a)pyrene	23.19	252	723623	12.308	ng	# 98
91) Dibenzo(a,h)anthracene	25.50	278	122462	2.073	ng	# 89
92) Benzo(a,h,i)perylene	26.16	276	452518	7.659	ng	97

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

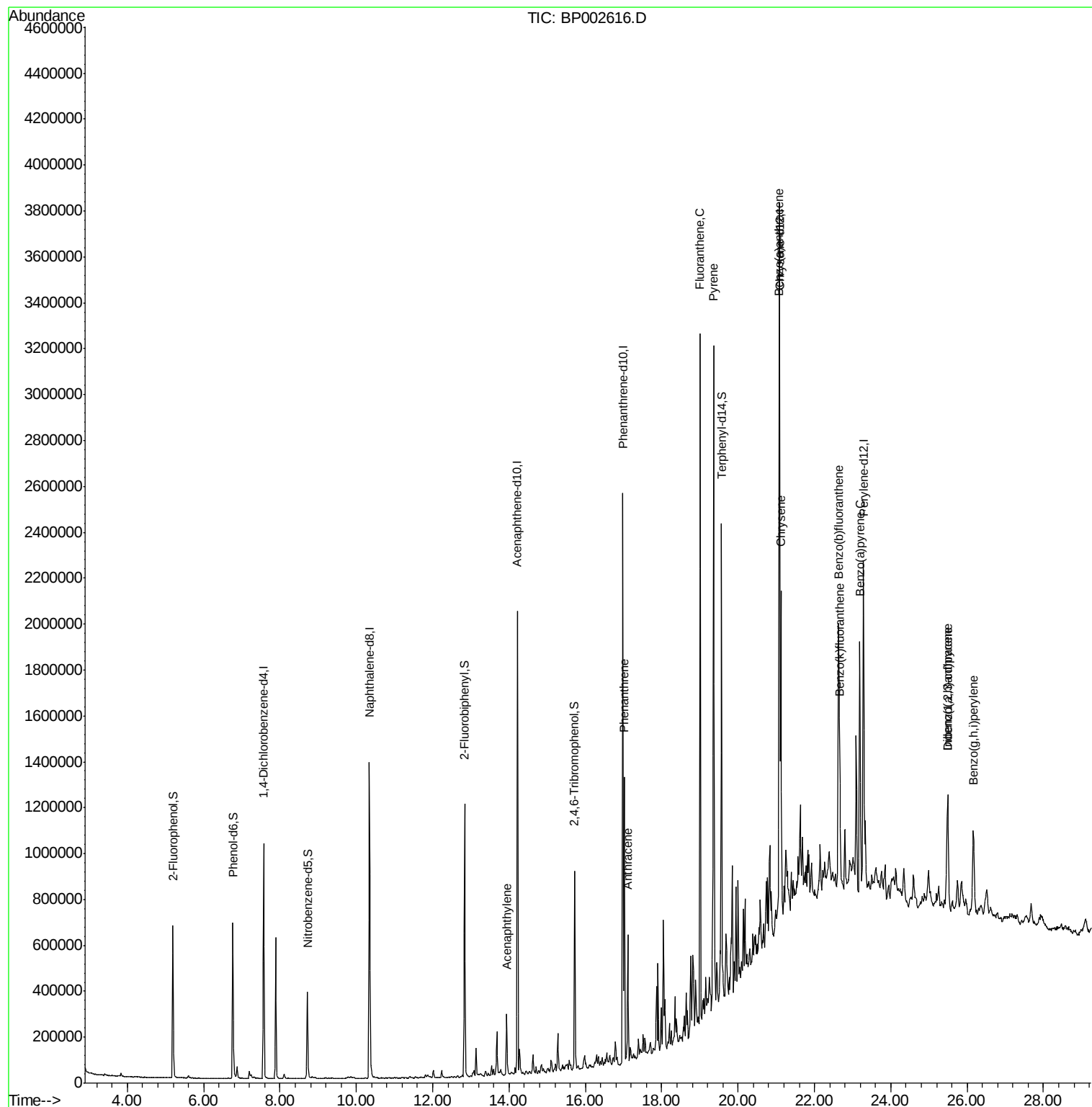
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002616.D
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Operator : CG/JU
Sample : L2815-16 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

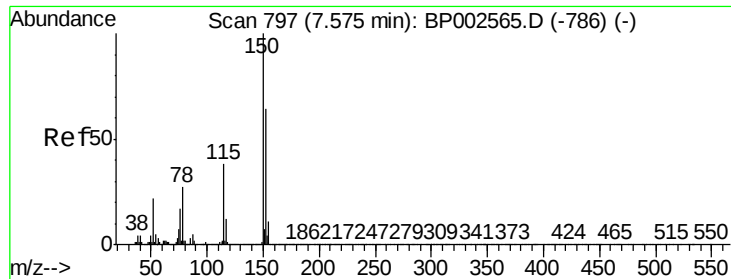
Instrument :
BNA_P
ClientSampleId :
OR-03-062920

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Quant Time: Jul 02 02:33:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

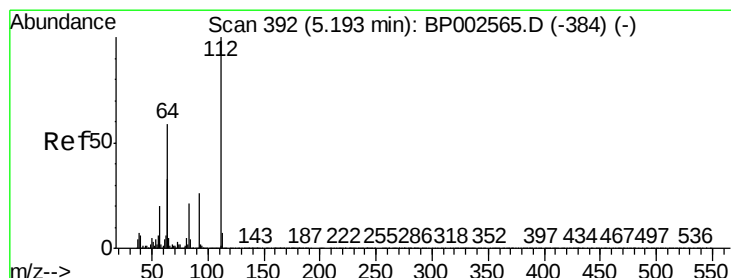
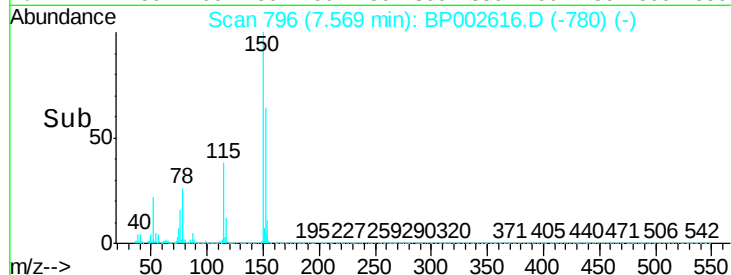
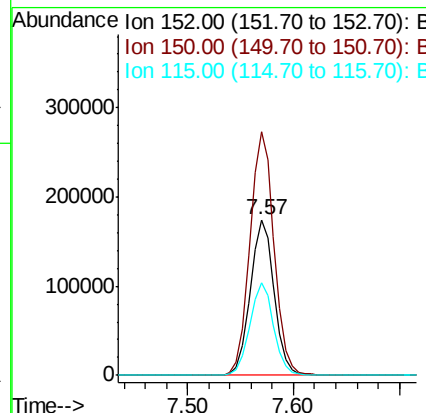
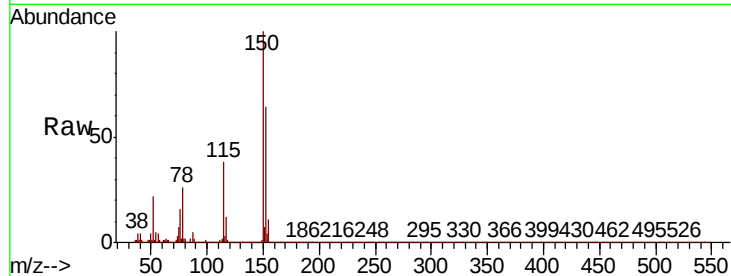
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	59.6	47.1	70.7

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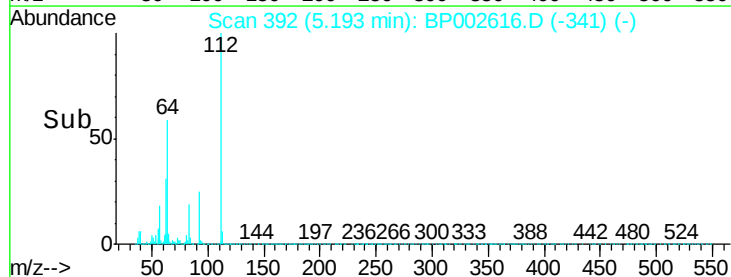
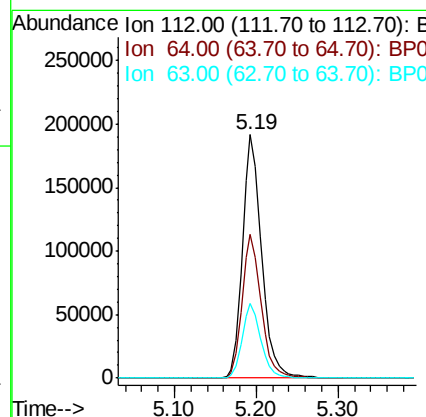
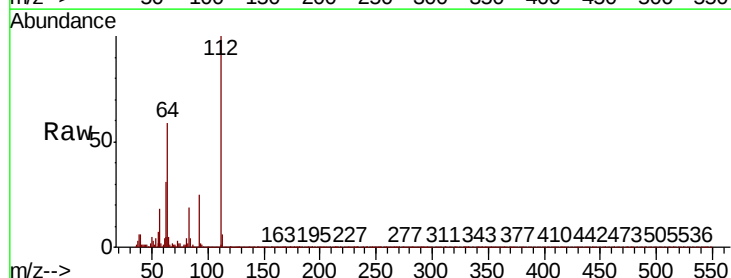
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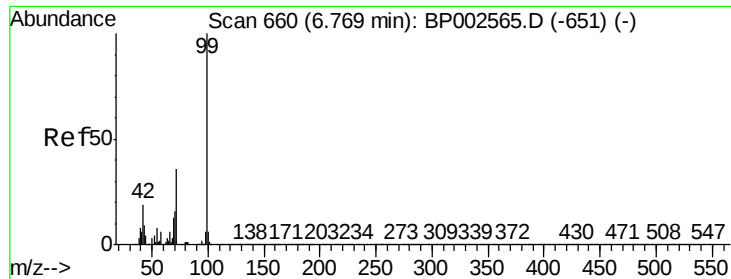


#5

2-Fluorophenol
Concen: 19.339 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.0	70.6
63	30.6	26.1	39.1





#7

Phenol-d6

Concen: 19.020 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002616.D

Acq: 01 Jul 2020 21:54

Instrument :

BNA_P

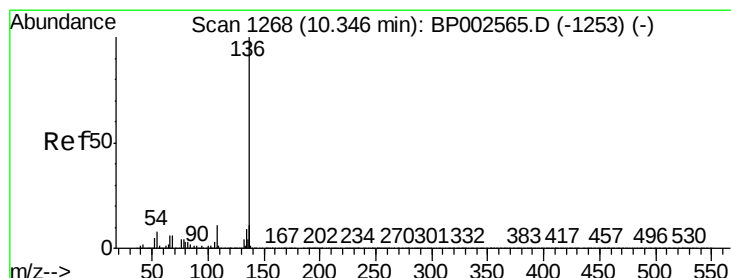
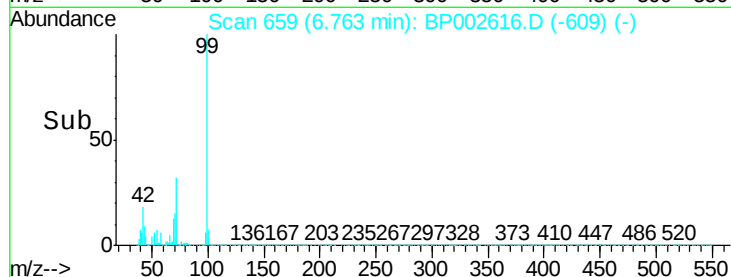
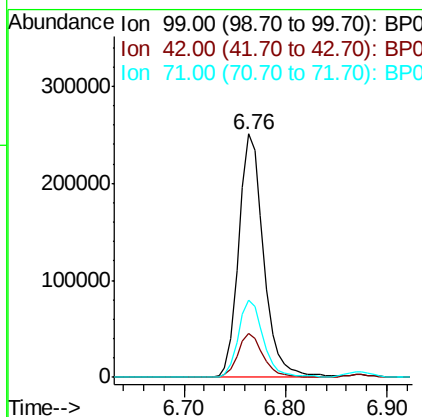
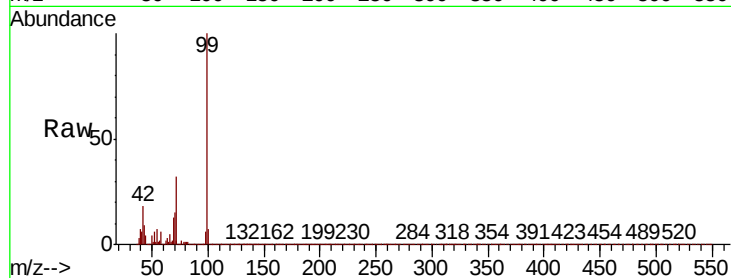
ClientSampleId :

OR-03-062920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		428777		
42	18.0	15.5	23.3		
71	31.6	28.9	43.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

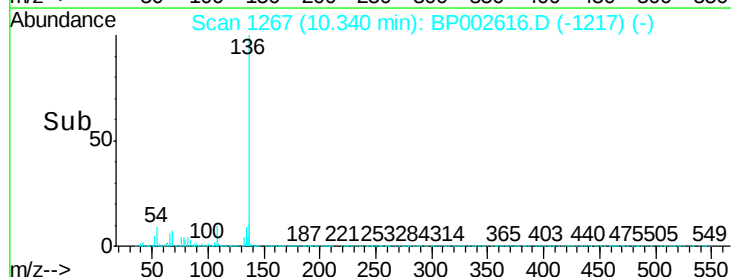
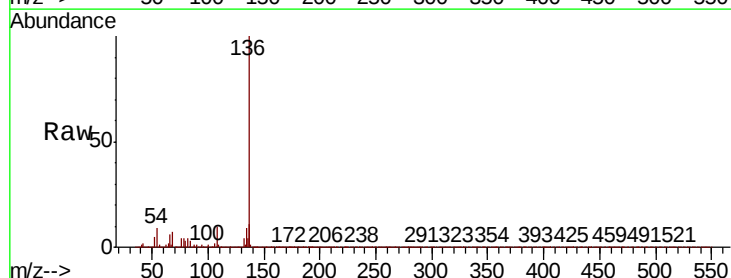
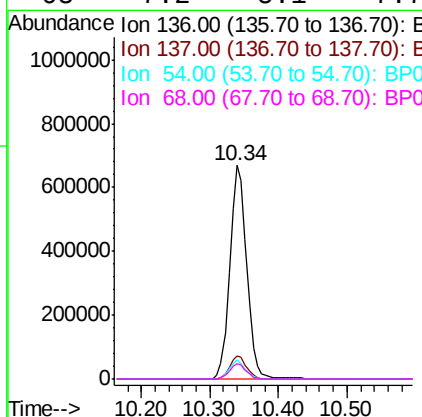
RT: 10.34 min Scan# 1267

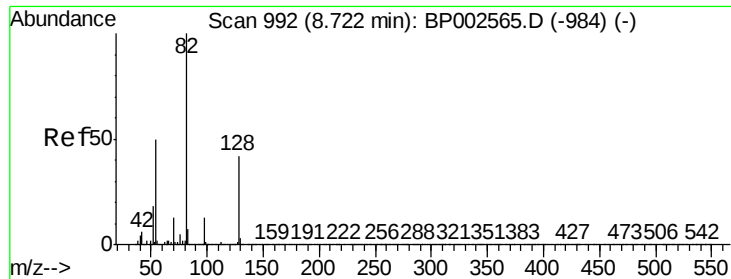
Delta R.T. -0.01 min

Lab File: BP002616.D

Acq: 01 Jul 2020 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1142361		
137	11.0	8.8	13.2		
54	8.7	6.4	9.6		
68	7.2	5.1	7.7		





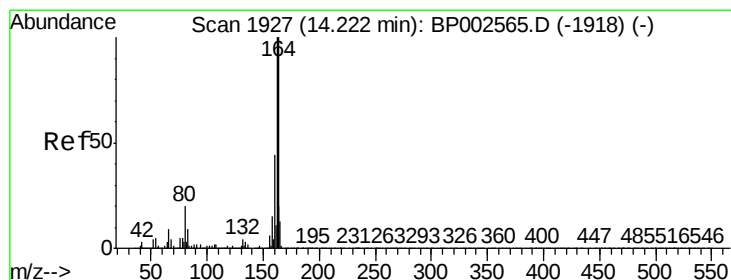
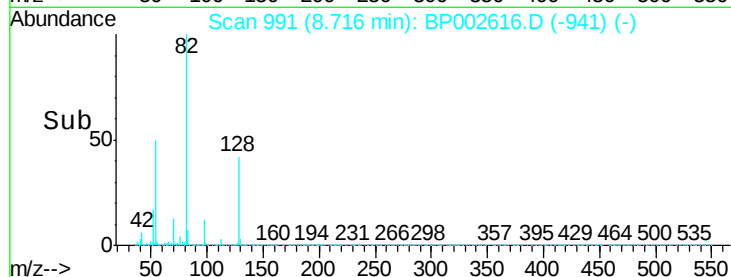
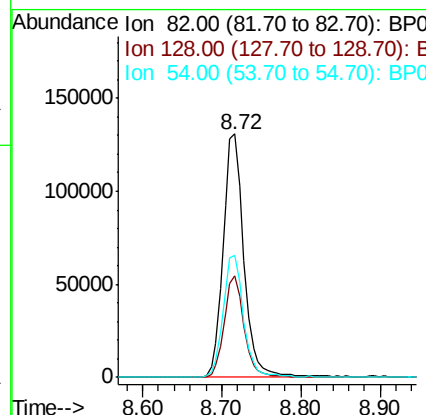
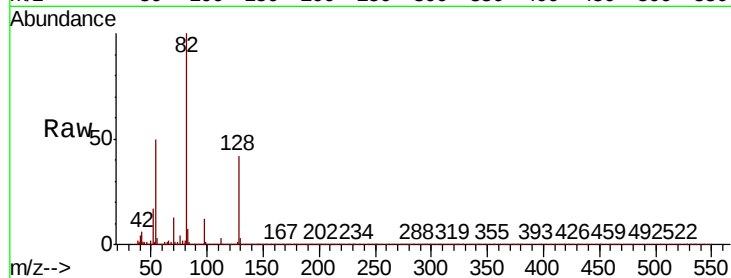
#23
Nitrobenzene-d5
Concen: 10.638 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	41.7	33.4	50.2		
54	50.0	40.1	60.1		

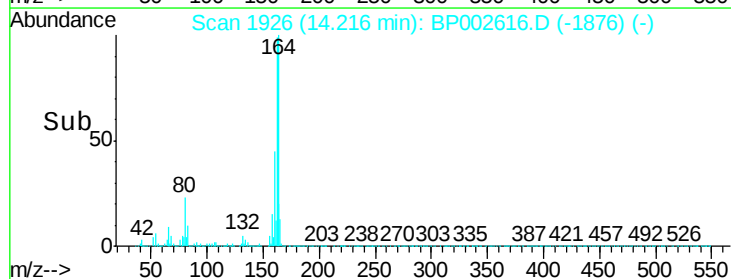
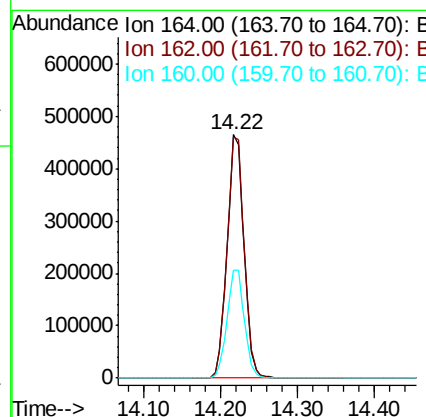
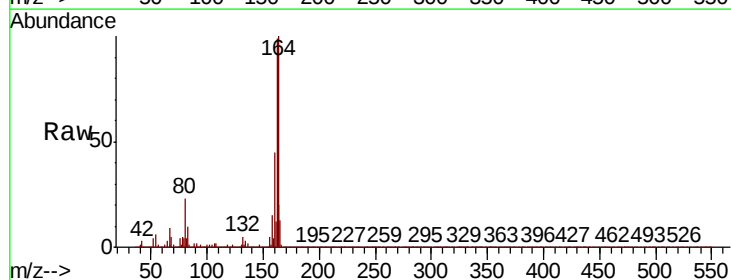
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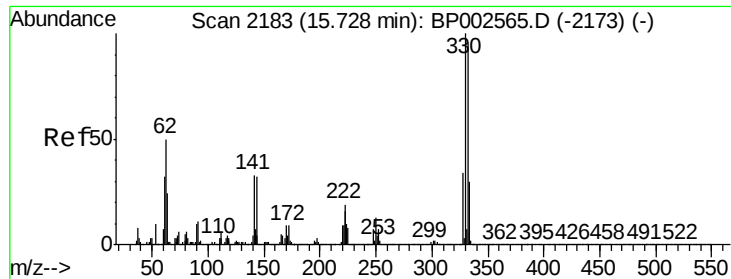
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	99.1	80.3	120.5		
160	44.5	35.0	52.6		





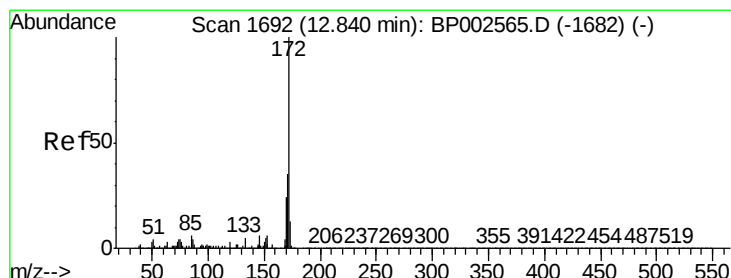
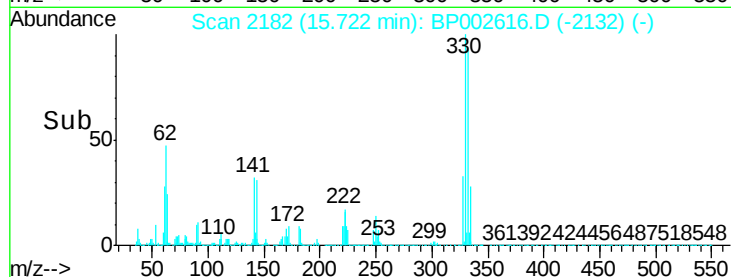
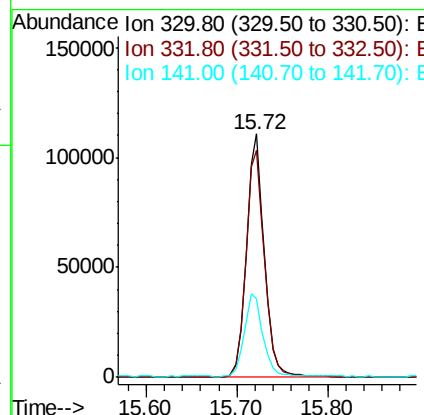
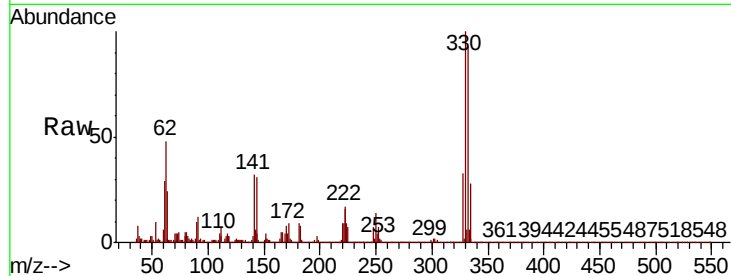
#42
 2,4,6-Tribromophenol
 Concen: 17.638 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002616.D
 Acq: 01 Jul 2020 21:54

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-062920

Tot Ion	Ratio	Resp	Lower	Upper
330	100	151334		
332	97.5	77.7	116.5	
141	35.3	29.0	43.6	

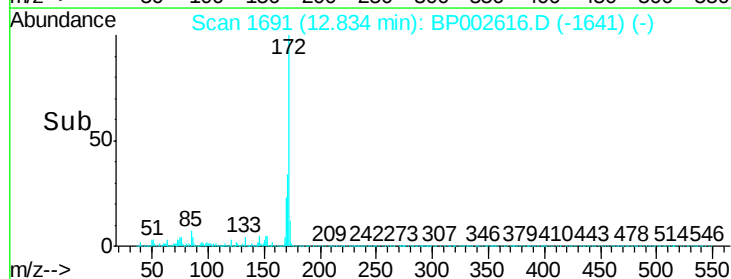
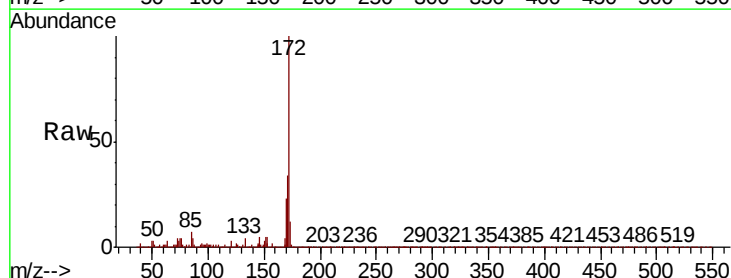
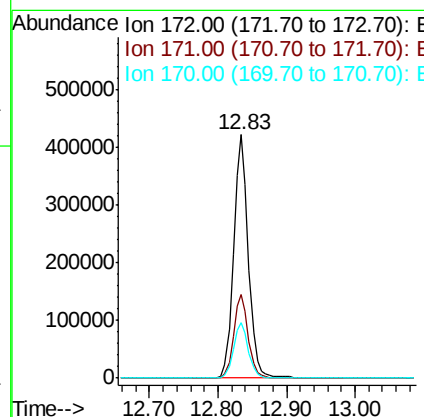
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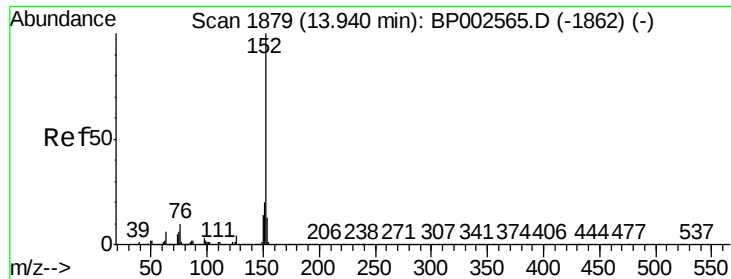
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#45
 2-Fluorobiphenyl
 Concen: 13.099 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002616.D
 Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	627839		
171	34.1	28.0	42.0	
170	22.7	19.0	28.4	





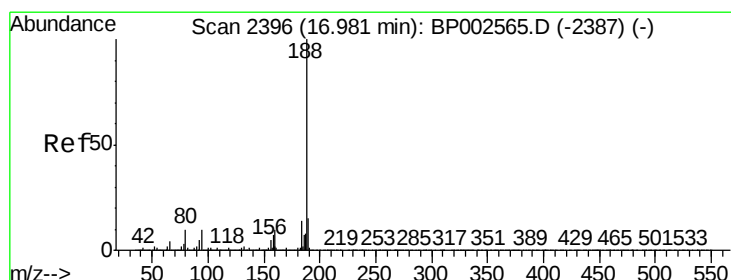
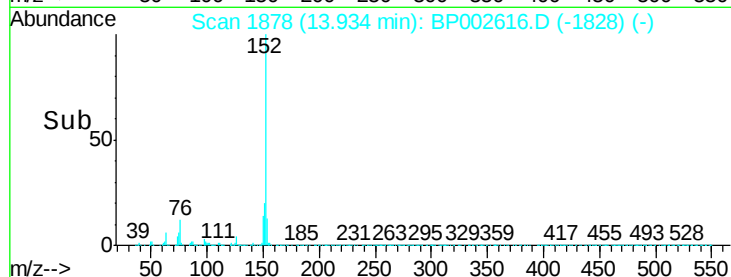
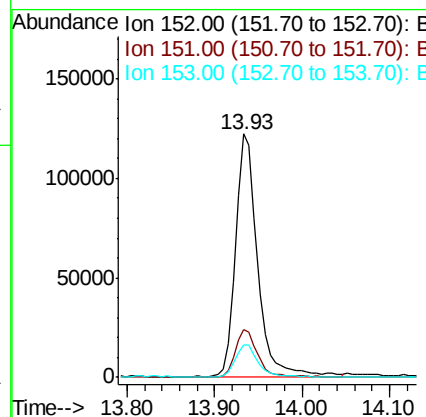
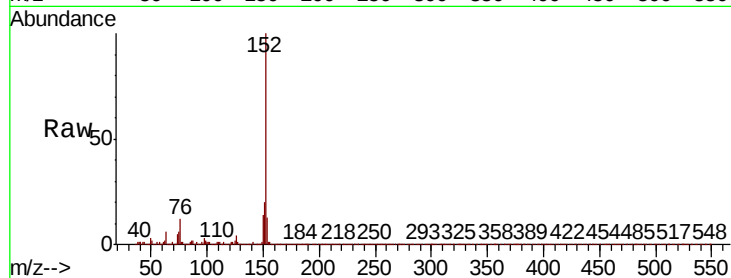
#49
Acenaphthylene
Concen: 3.068 ng
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.4	10.2	15.2

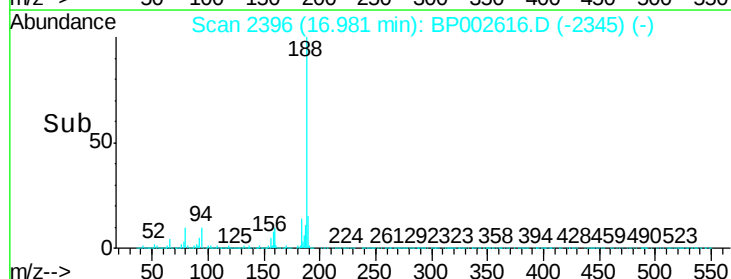
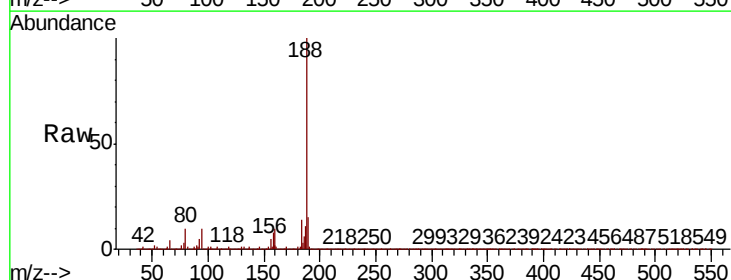
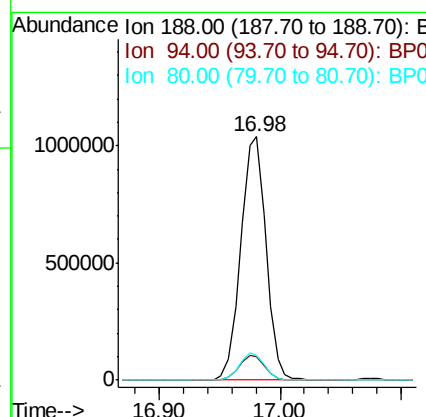
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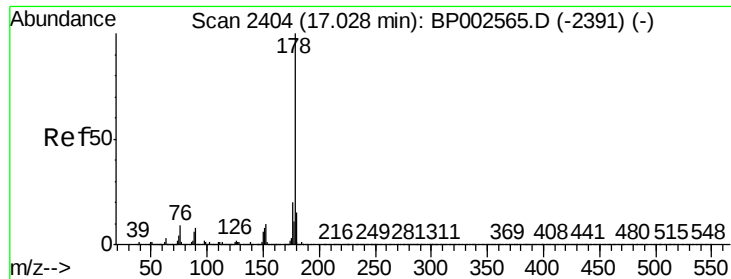
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.4	8.2	12.4





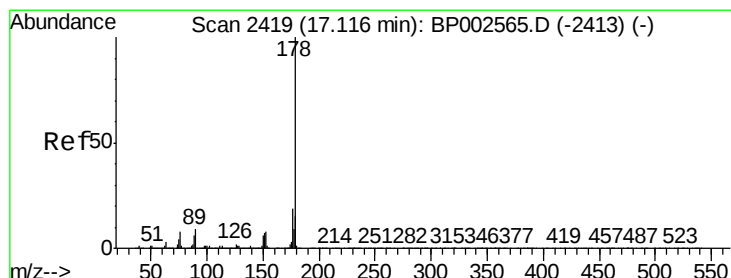
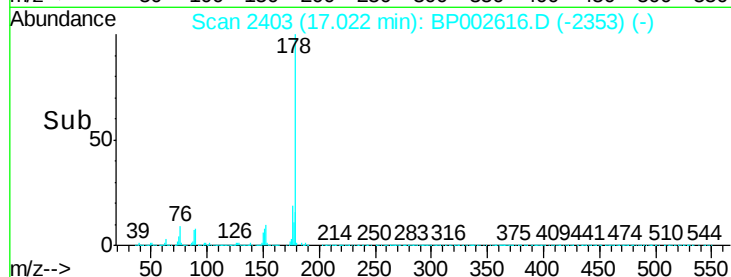
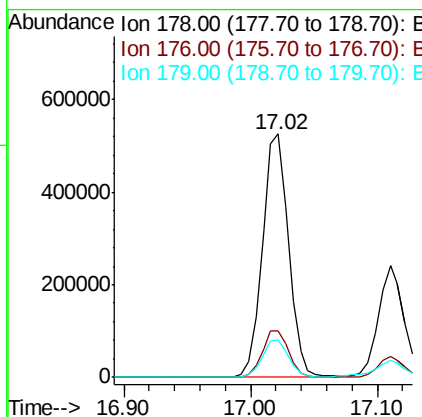
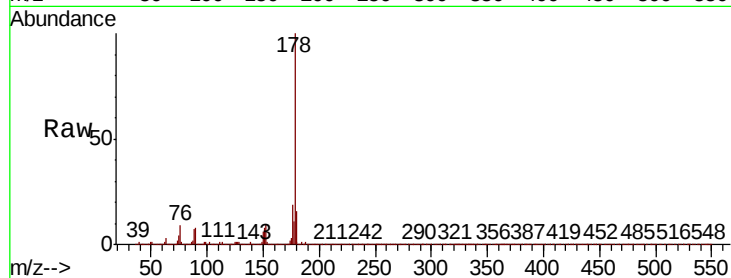
#71
Phenanthrene
Concen: 9.262 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.6	12.1	18.1

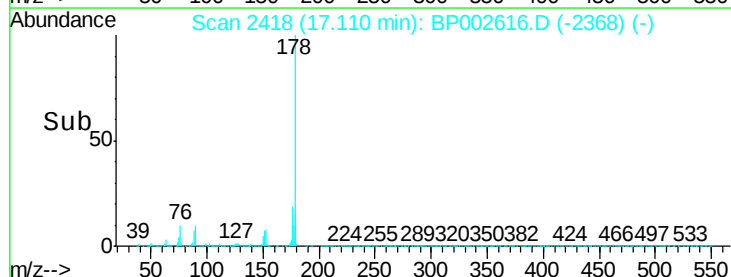
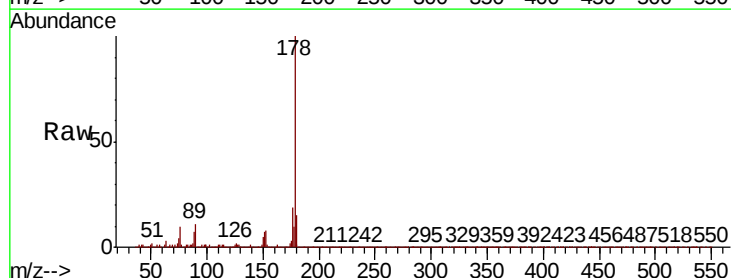
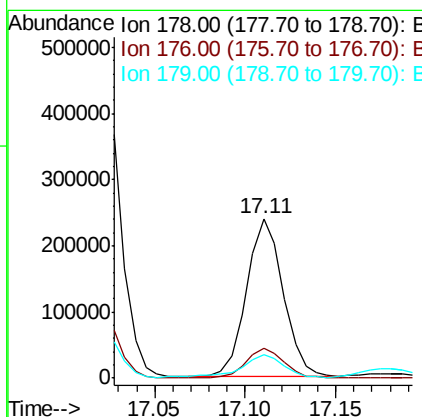
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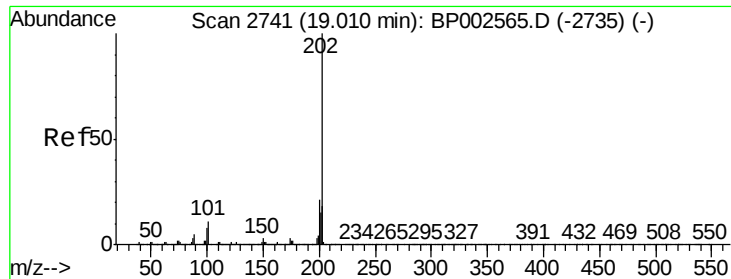
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#72
Anthracene
Concen: 4.120 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.2	18.2





#75

Fluoranthene

Concen: 18.357 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002616.D

Acq: 01 Jul 2020 21:54

Instrument :

BNA_P

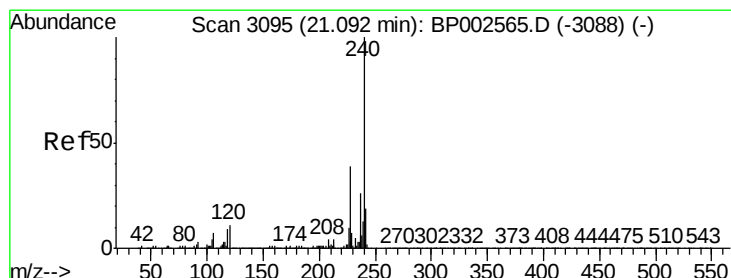
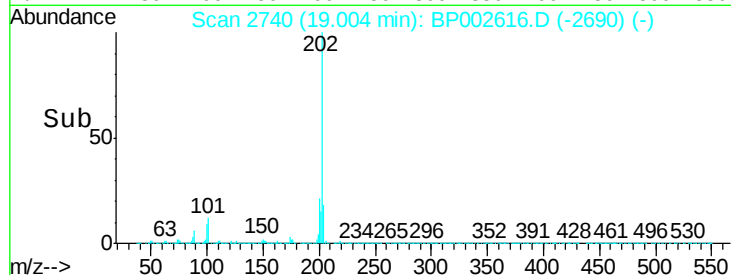
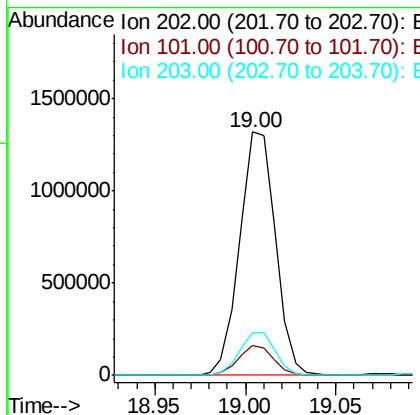
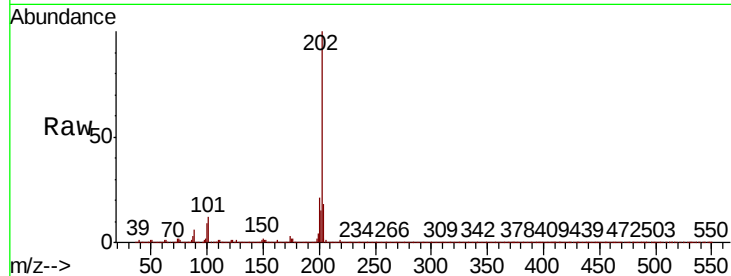
ClientSampleId :

OR-03-062920

Tot Ion:	202	Resp:	1811264
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.6
203	17.7	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

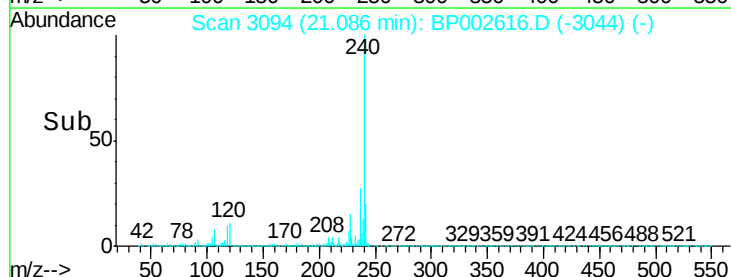
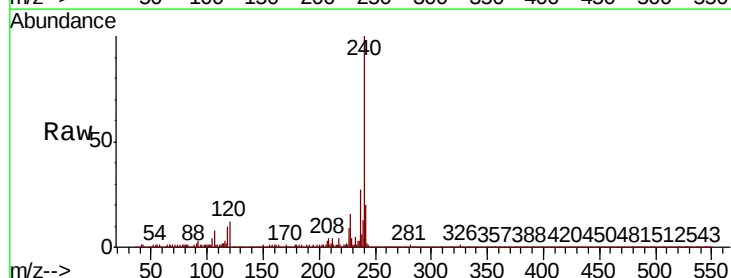
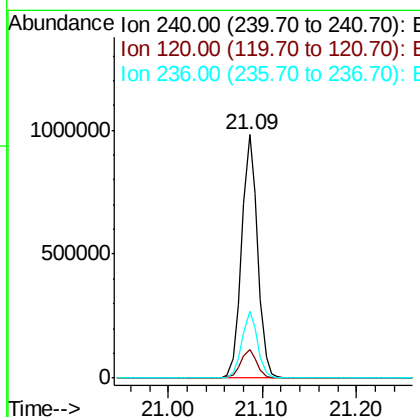
RT: 21.09 min Scan# 3094

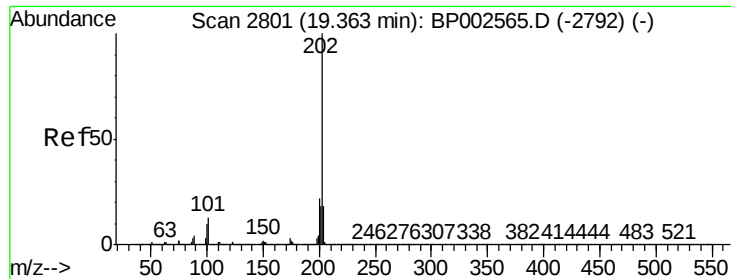
Delta R.T. -0.01 min

Lab File: BP002616.D

Acq: 01 Jul 2020 21:54

Tgt Ion:	240	Resp:	1148915
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.6	13.0
236	27.3	20.8	31.2





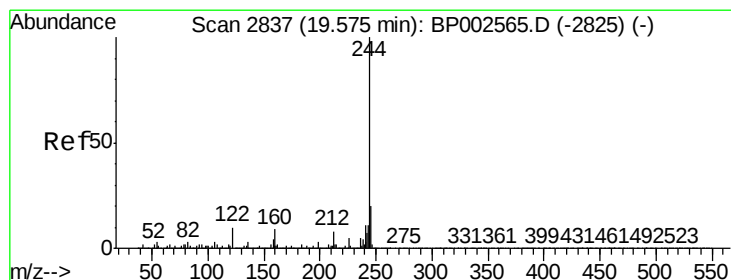
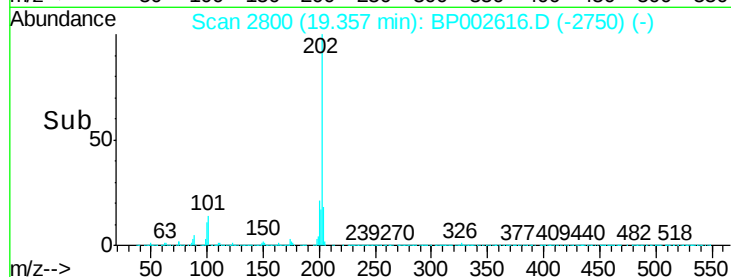
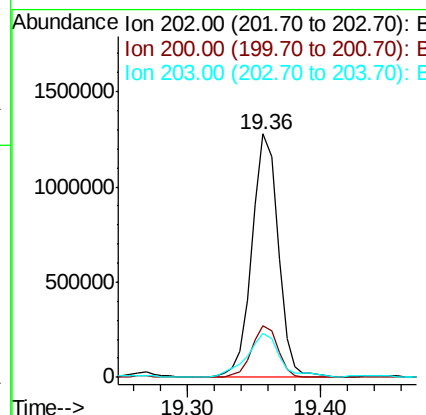
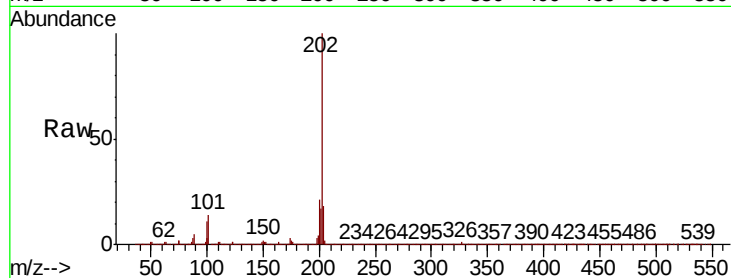
#78
Pvrene
Concen: 22.025 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	21.2	17.6	26.4	
203	17.8	14.4	21.6	

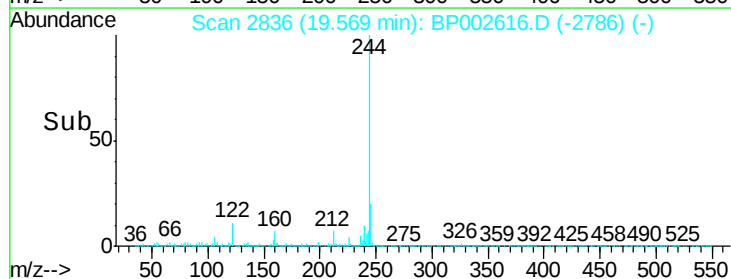
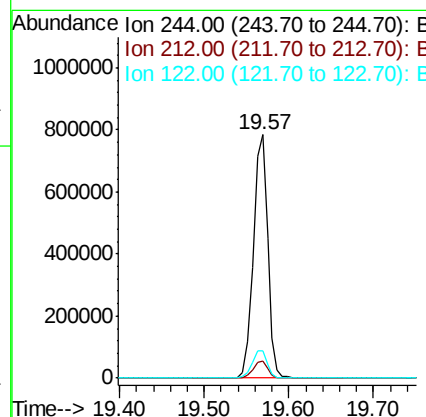
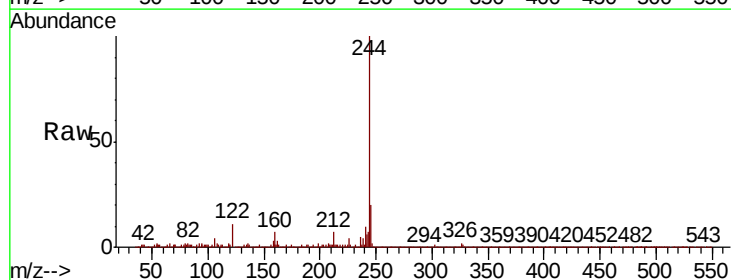
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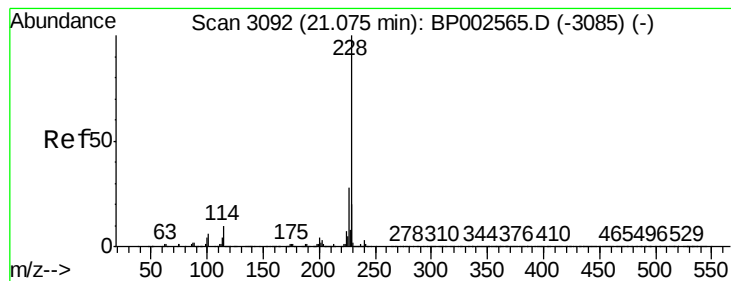
mohammad
7/7/2020 8:23:57 AM



#79
Terphenyl-d14
Concen: 17.447 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
244	100			
212	6.9	6.5	9.7	
122	11.1	7.9	11.9	





#81

Benzo(a)anthracene

Concen: 12.010 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP002616.D

Acq: 01 Jul 2020 21:54

Instrument :

BNA_P

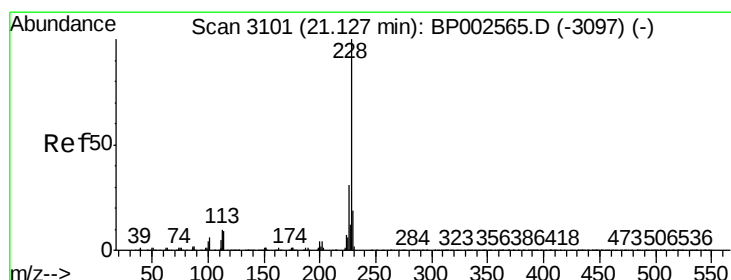
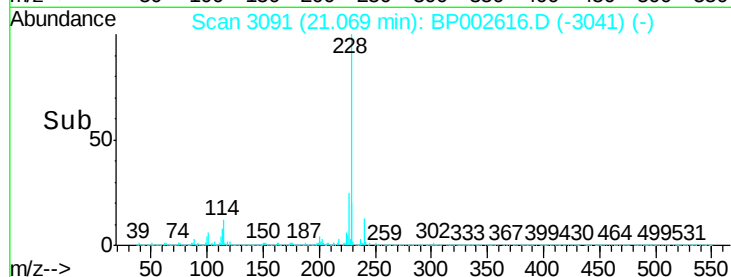
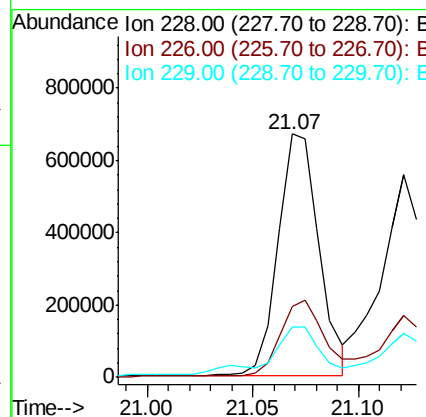
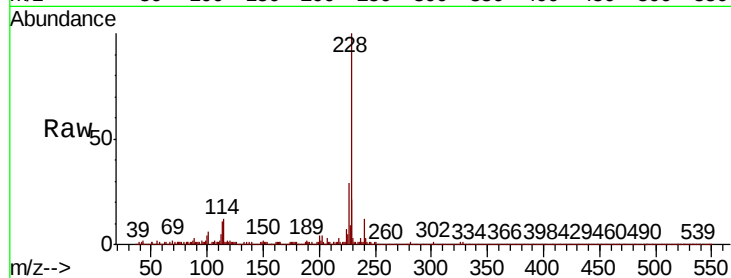
ClientSampleId :

OR-03-062920

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	20.5	16.4	24.6

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#83

Chrysene

Concen: 10.800 ng

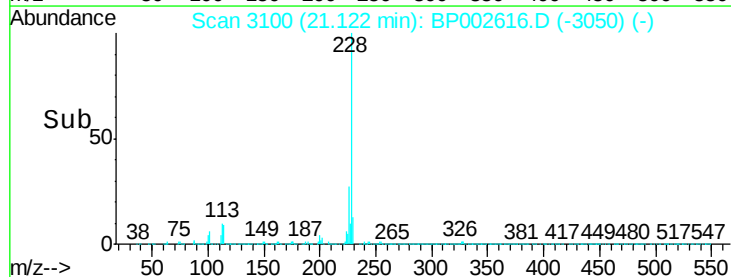
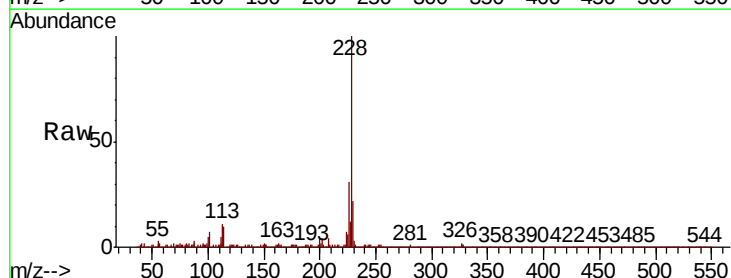
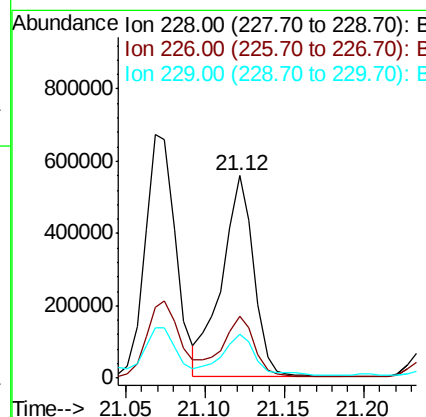
RT: 21.12 min Scan# 3100

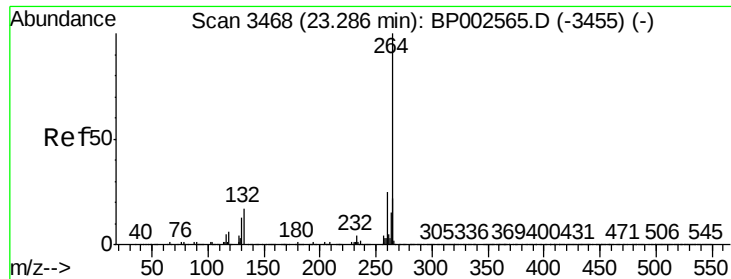
Delta R.T. -0.01 min

Lab File: BP002616.D

Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	22.0	15.6	23.4





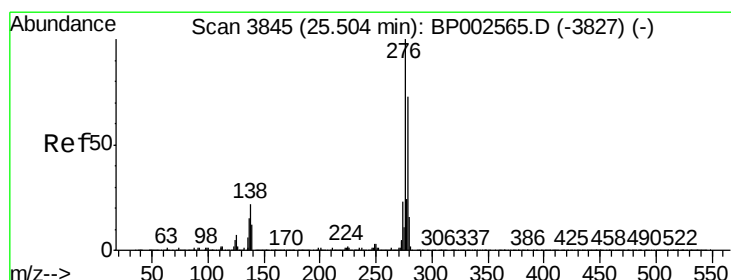
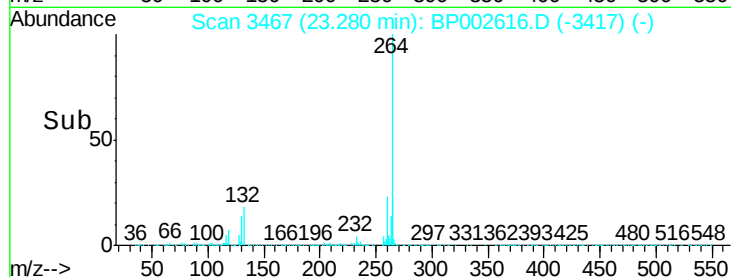
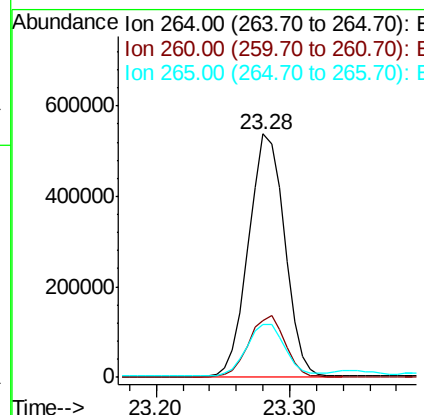
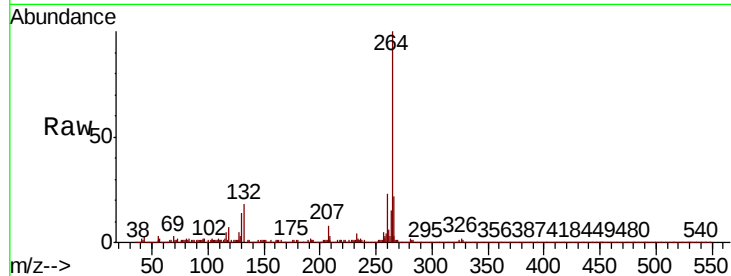
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.7	17.6	26.4

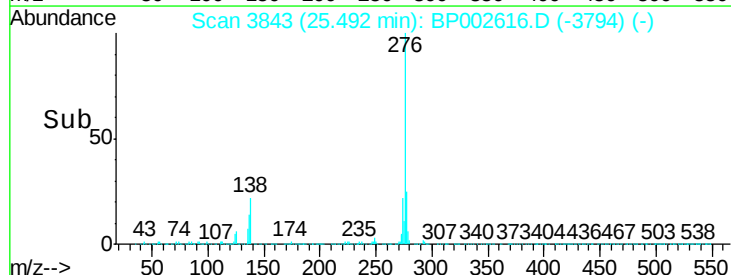
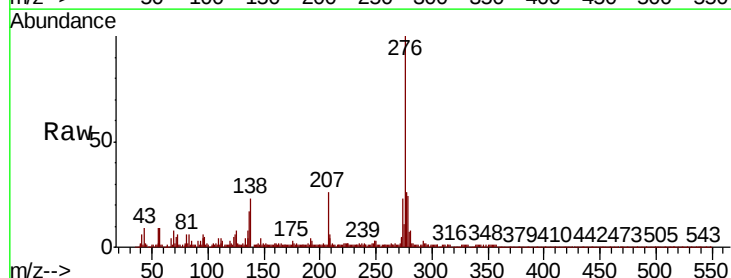
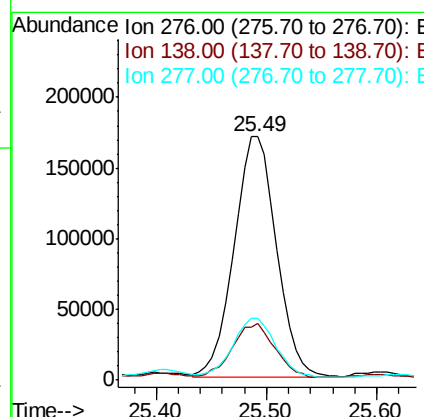
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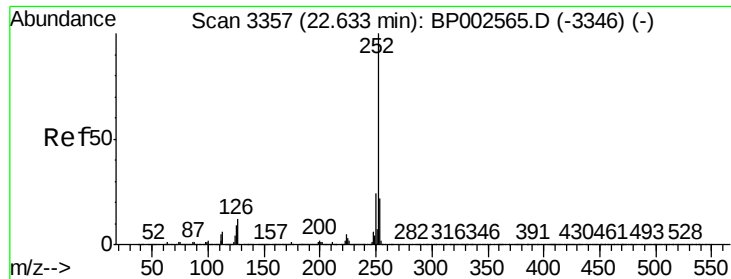
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.302 ng
RT: 25.49 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.6	27.8
277	25.3	20.1	30.1





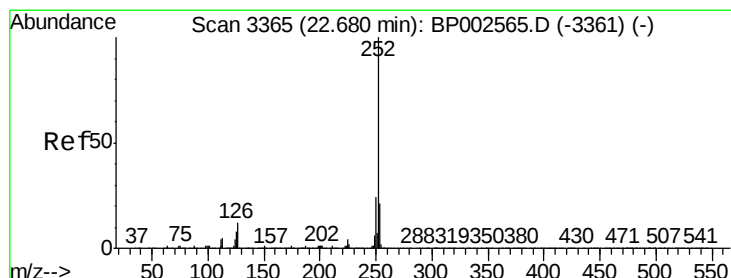
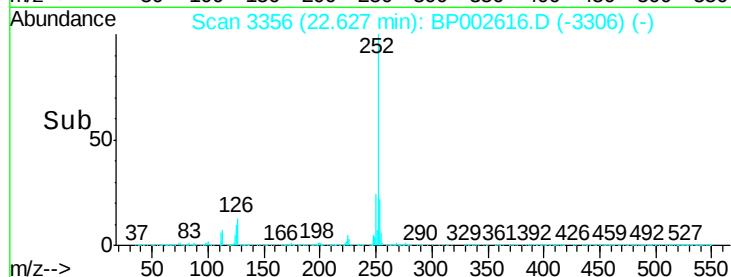
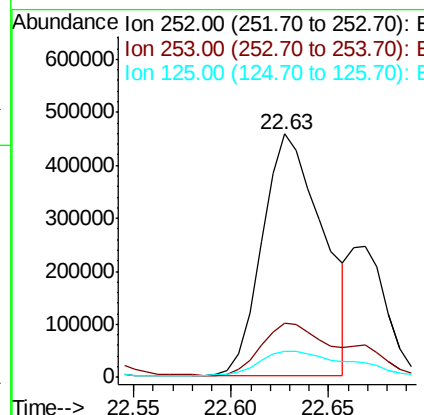
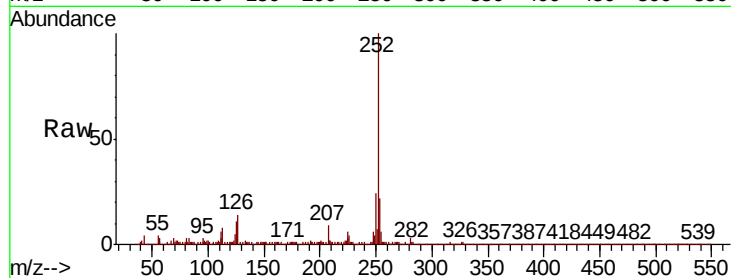
#88
Benzo(b)fluoranthene
Concen: 15.380 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampleId :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.9	7.4	11.2

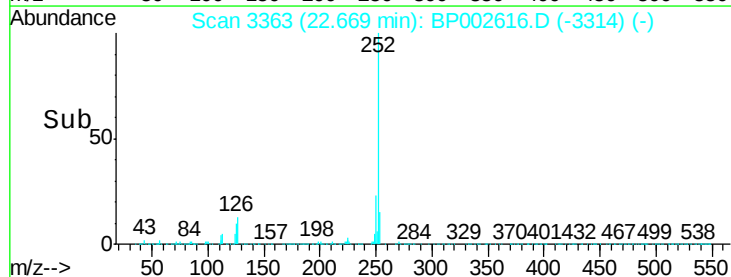
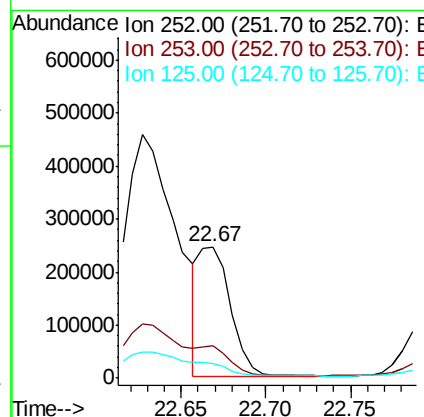
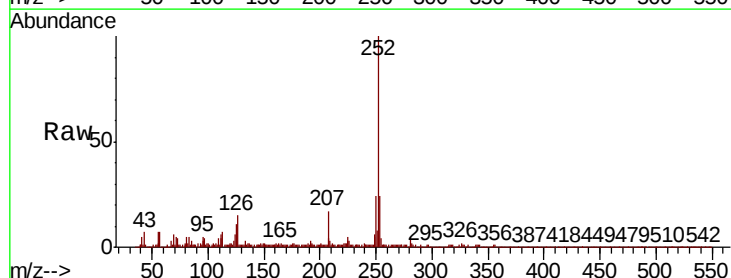
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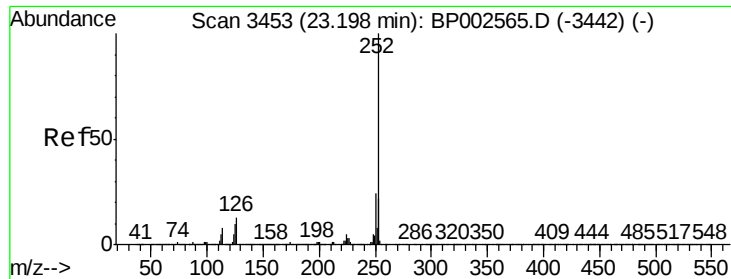
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#89
Benzo(k)fluoranthene
Concen: 5.224 ng m
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	11.4	6.9	10.3#





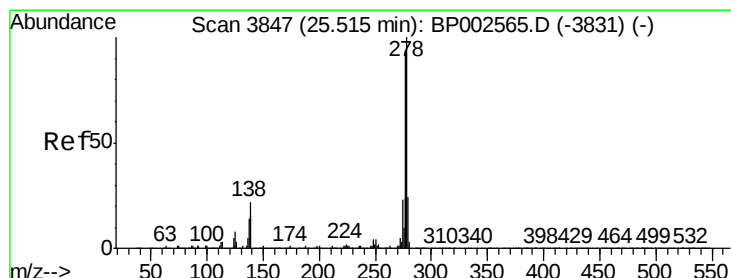
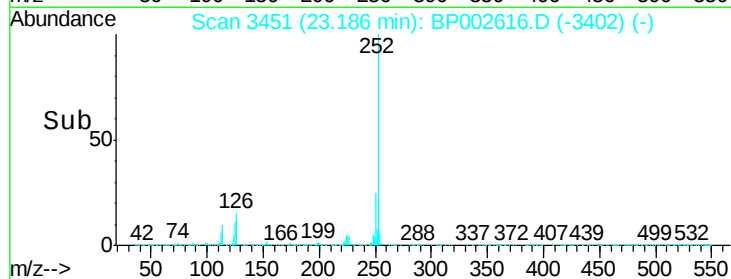
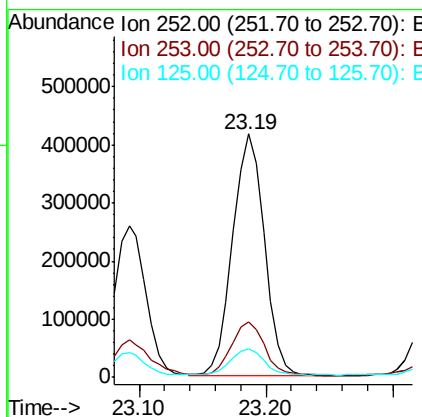
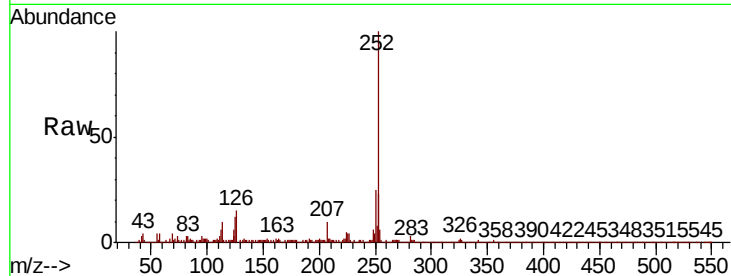
#90
Benzo(a)pyrene
Concen: 12.308 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Instrument :
BNA_P
ClientSampled :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.0	7.8	11.8

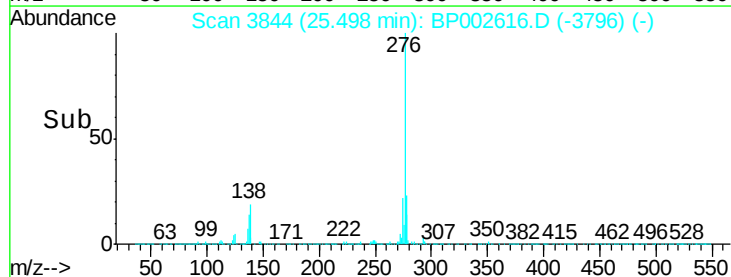
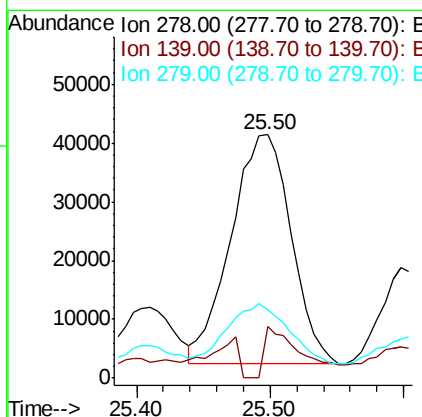
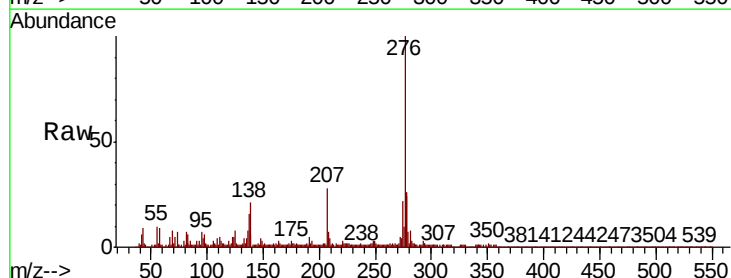
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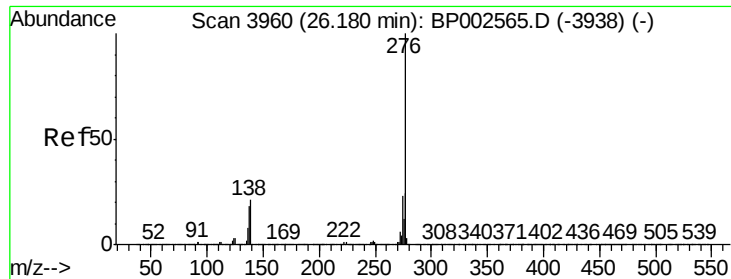
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.073 ng
RT: 25.50 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BP002616.D
Acq: 01 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	12.2	18.2
279	28.1	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 7.659 ng
 RT: 26.16 min Scan# 3957
 Delta R.T. -0.02 min
 Lab File: BP002616.D
 Acq: 01 Jul 2020 21:54

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-062920

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	23.2	16.9	25.3

Manual Integrations
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