

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002612.D
 Acq On : 01 Jul 2020 19:38
 Operator : CG/JU
 Sample : L3161-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PR-CONCRETE

Manual Integrations
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mohammad
 7/7/2020 8:23:12 AM

Quant Time: Jul 02 07:58:24 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	311542	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1232684	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	733548	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1491461	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1087933	20.00	ng	0.00
86) Perylene-d12	23.28	264	957534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	207955	11.30	ng	0.00
7) Phenol-d6	6.76	99	1275679	49.67	ng	0.00
23) Nitrobenzene-d5	8.72	82	1434385	59.96	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	12099	1.36	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2937398	58.94	ng	0.00
79) Terphenyl-d14	19.57	244	3423060	67.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.68	163	383078	6.649	ng	99
52) Acenaphthene	14.28	154	153445	3.659	ng	98
58) Fluorene	15.27	166	217870	4.209	ng	99
71) Phenanthrene	17.02	178	2425246	30.222	ng	100
72) Anthracene	17.11	178	570959	7.150	ng	99
75) Fluoranthene	19.01	202	2382356	24.527	ng	99
78) Pyrene	19.36	202	3773975	50.964	ng	99
81) Benzo(a)anthracene	21.07	228	1611584	22.658	ng	99
83) Chrysene	21.12	228	1481089m	21.716	ng	
87) Indeno(1,2,3-cd)pyrene	25.49	276	444699	6.450	ng	98
88) Benzo(b)fluoranthene	22.63	252	1080852m	17.690	ng	
89) Benzo(k)fluoranthene	22.66	252	348981m	6.123	ng	
90) Benzo(a)pyrene	23.19	252	1014698	18.097	ng	97
91) Dibenzo(a,h)anthracene	25.49	278	144483m	2.565	ng	
92) Benzo(a,h,i)perylene	26.16	276	449280	7.974	ng	94

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

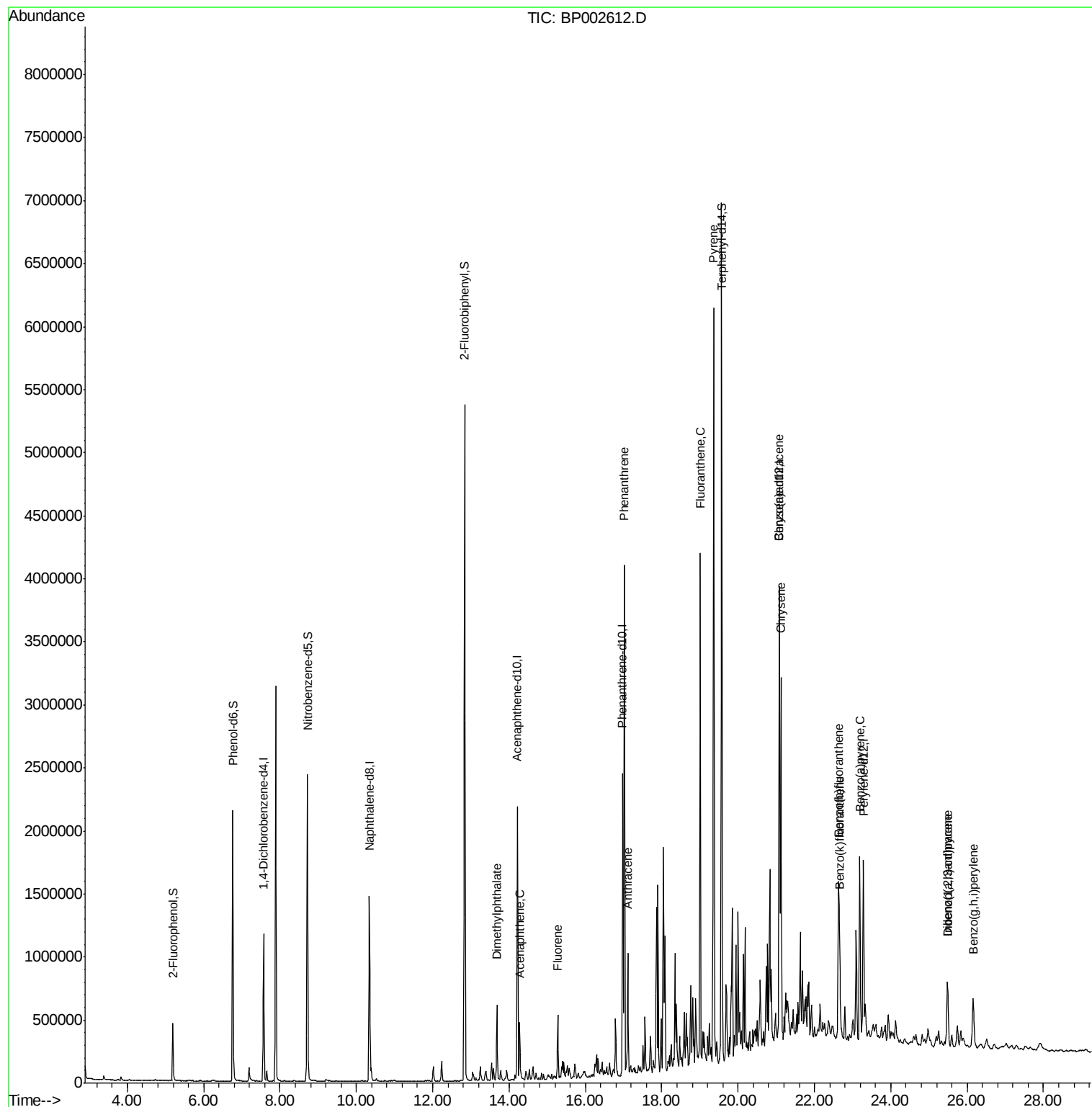
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002612.D
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ALS Vial : 14 Sample Multiplier: 1

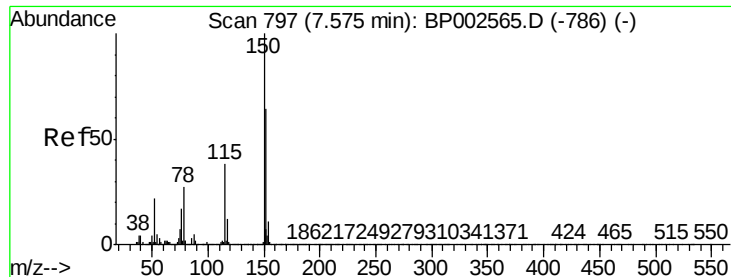
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

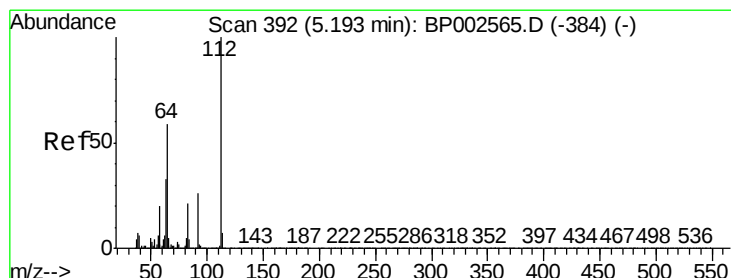
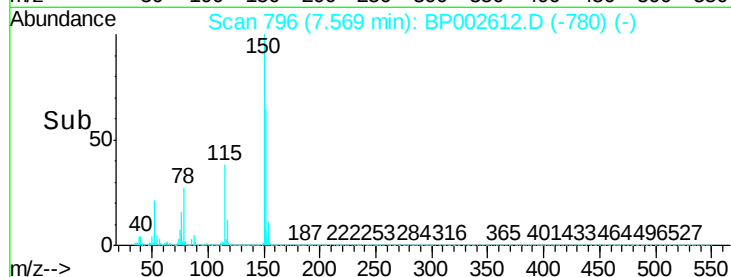
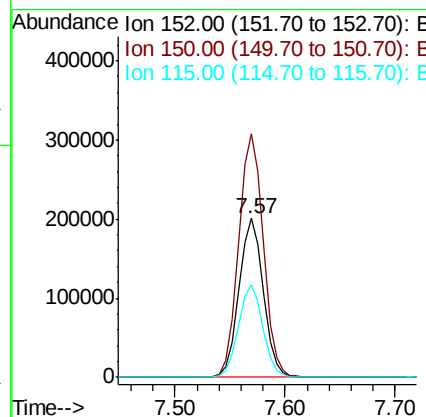
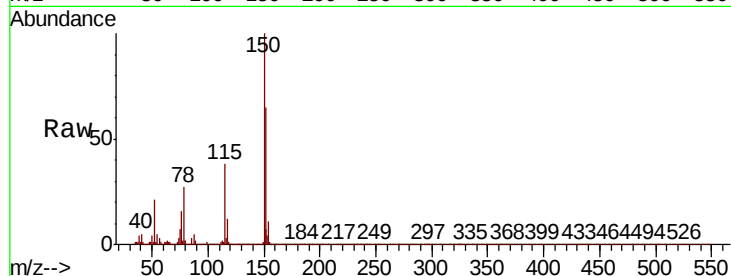
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	58.3	47.1	70.7

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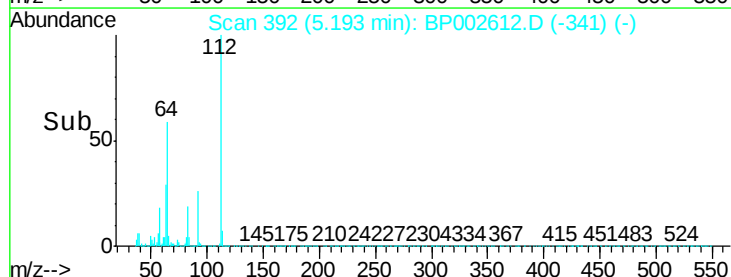
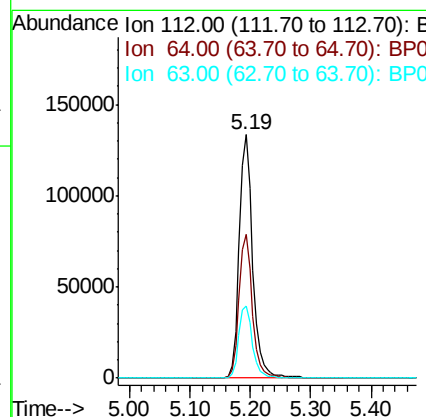
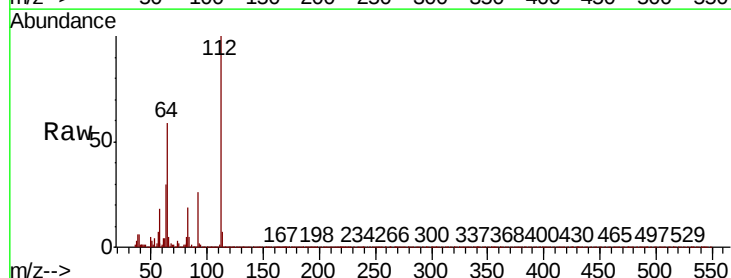
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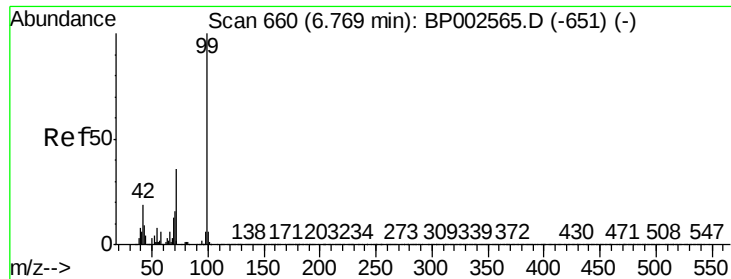


#5

2-Fluorophenol
Concen: 11.302 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	29.5	26.1	39.1





#7

Phenol-d6

Concen: 49.671 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002612.D

Acq: 01 Jul 2020 19:38

Instrument :

BNA_P

ClientSampleId :

PR-CONCRETE

Tot Ion: 99 Resp: 1275679

Ion Ratio Lower Upper

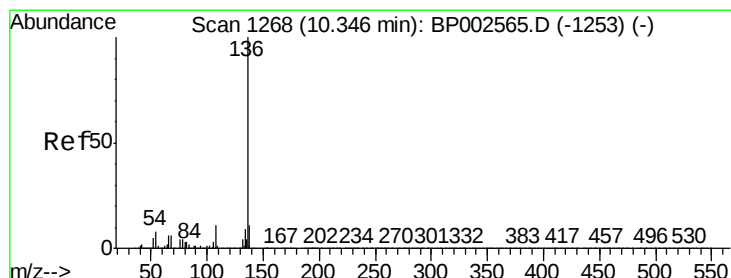
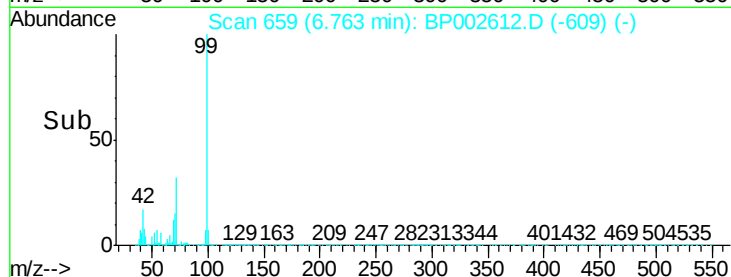
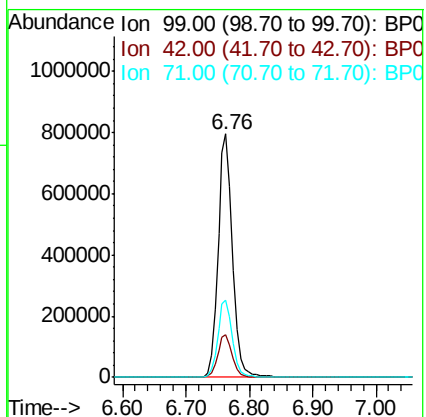
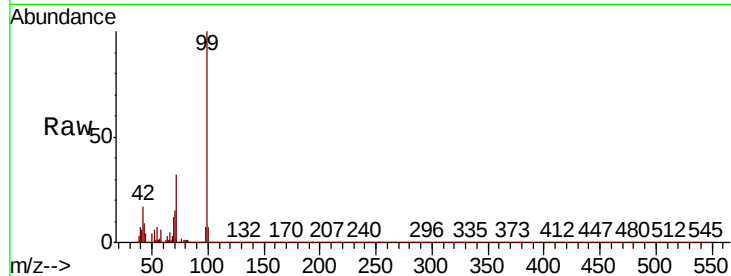
99 100

42 17.4 15.5 23.3

71 31.5 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: BP002612.D

Acq: 01 Jul 2020 19:38

Tgt Ion: 136 Resp: 1232684

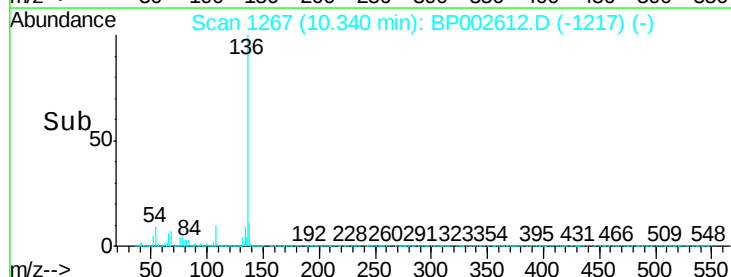
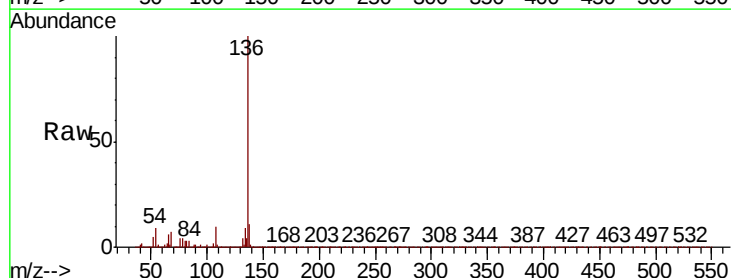
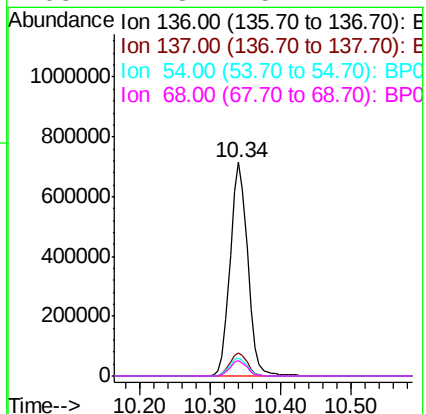
Ion Ratio Lower Upper

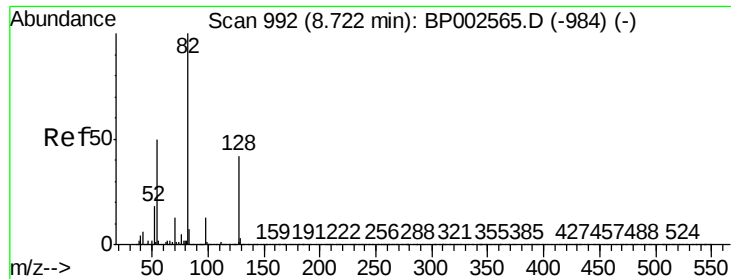
136 100

137 10.8 8.8 13.2

54 8.6 6.4 9.6

68 7.3 5.1 7.7





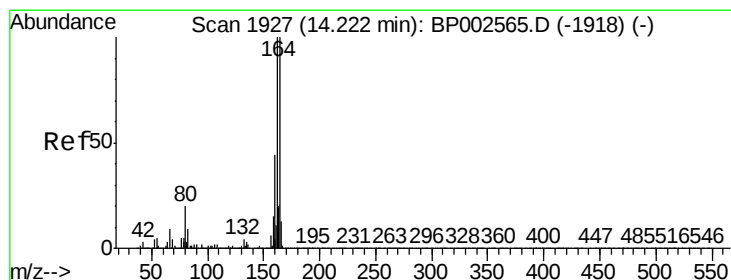
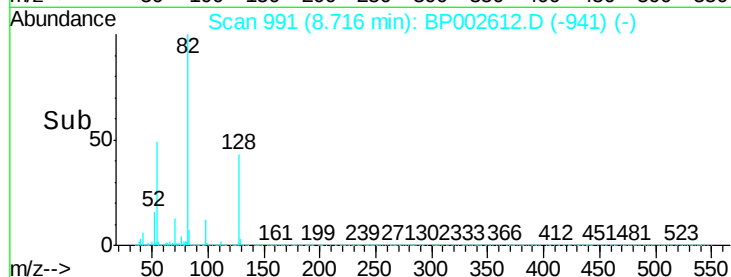
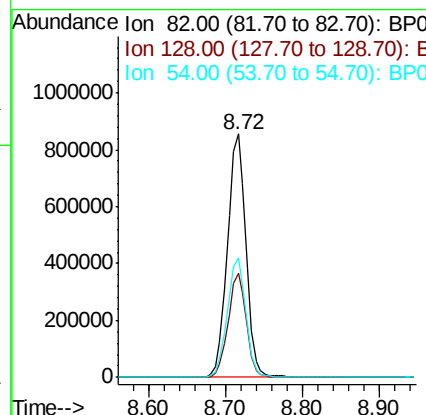
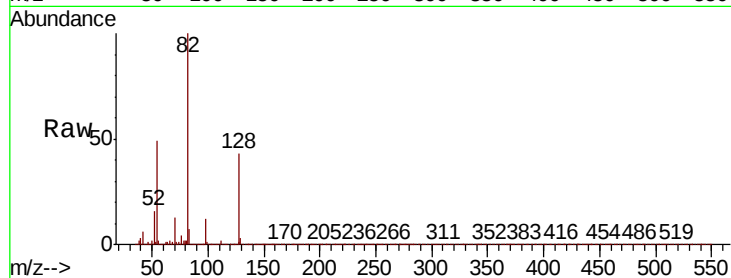
#23
Nitrobenzene-d5
Concen: 59.956 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.2
54	48.8	40.1	60.1

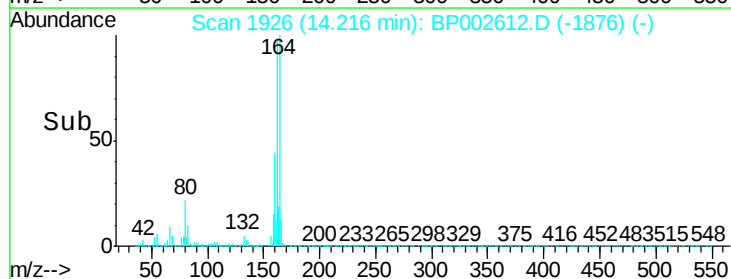
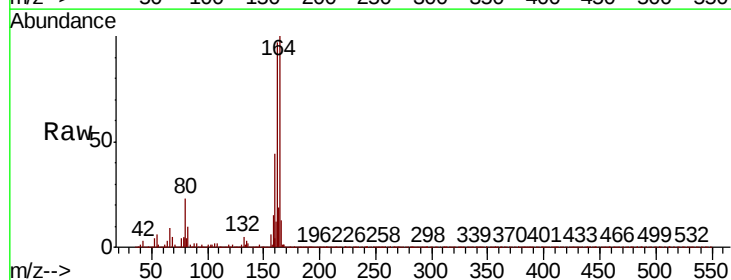
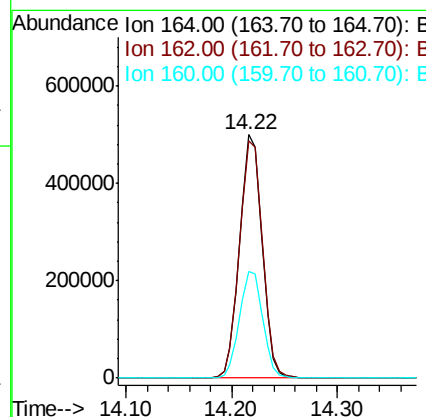
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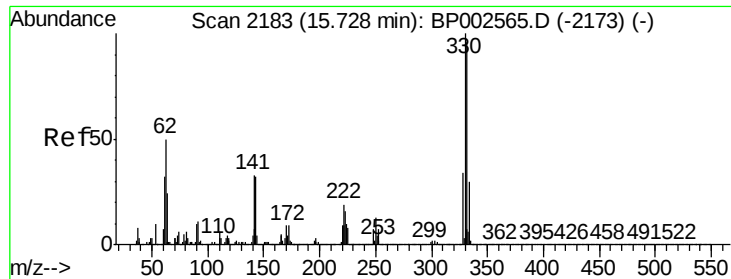
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.3	120.5
160	43.9	35.0	52.6





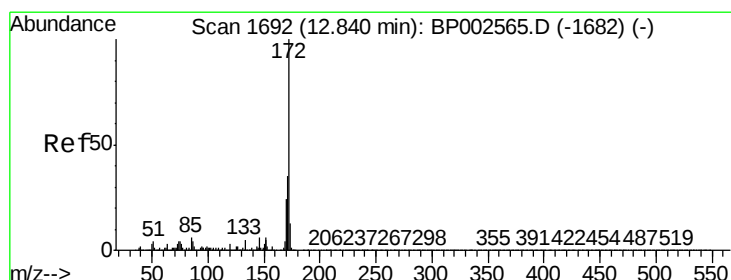
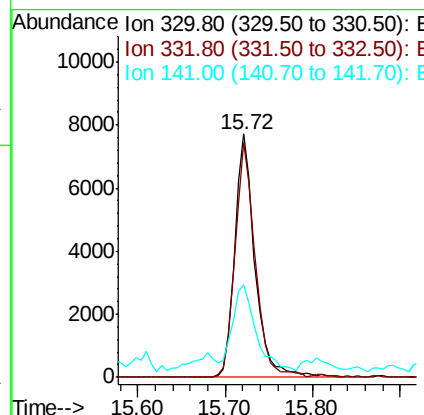
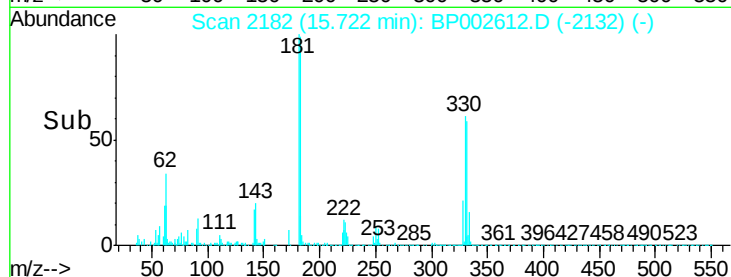
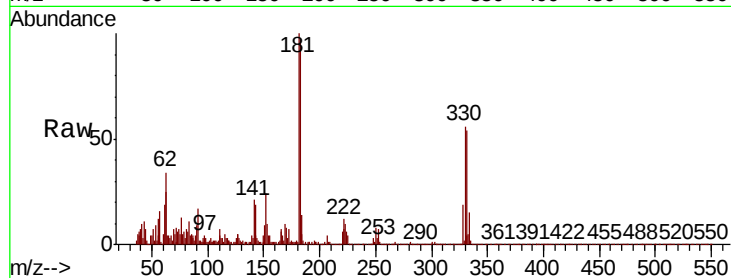
#42
2,4,6-Tribromophenol
Concen: 1.356 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	40.8	29.0	43.6

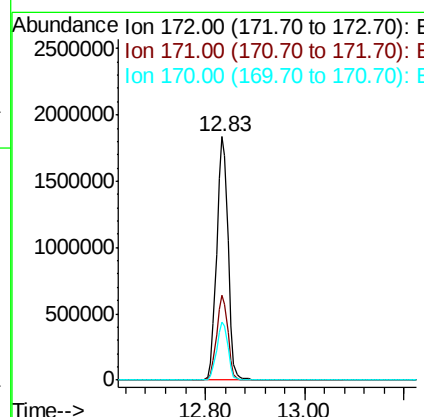
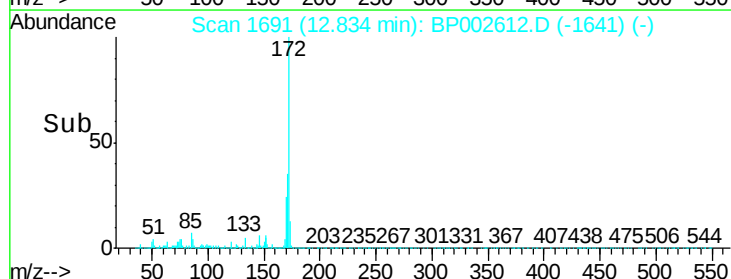
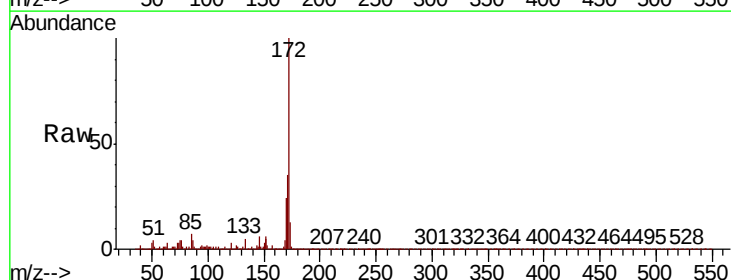
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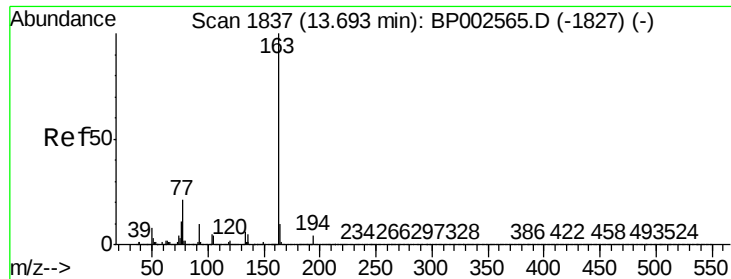
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#45
2-Fluorobiphenyl
Concen: 58.938 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	24.0	19.0	28.4





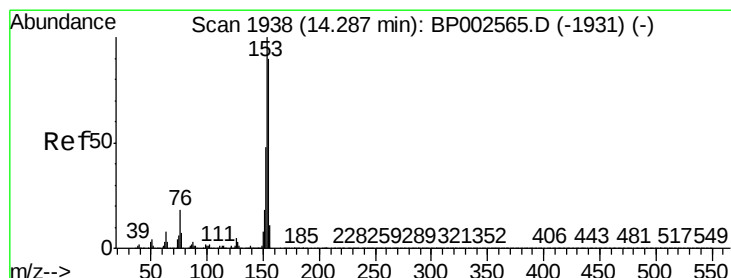
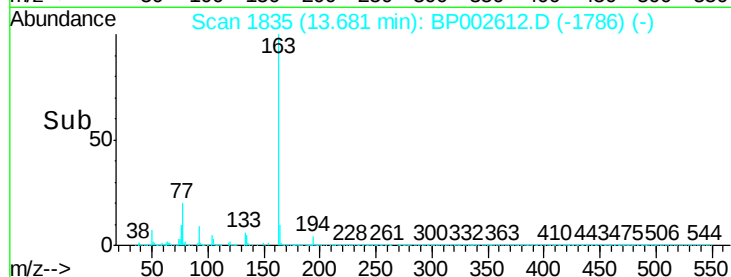
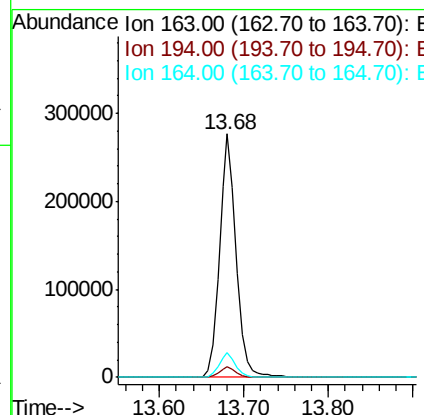
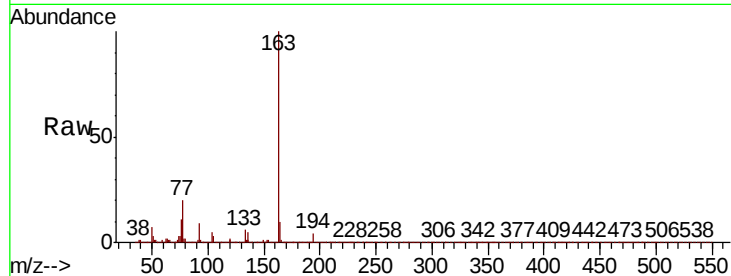
#50
Dimethylphthalate
Concen: 6.649 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.2	12.4

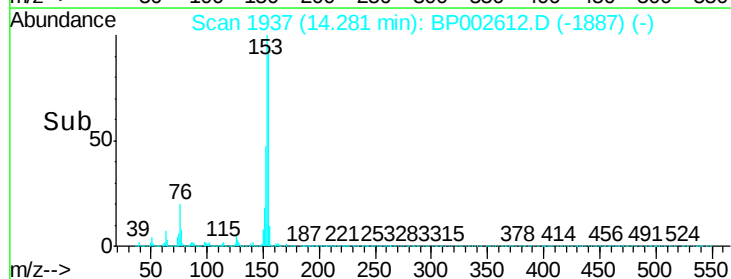
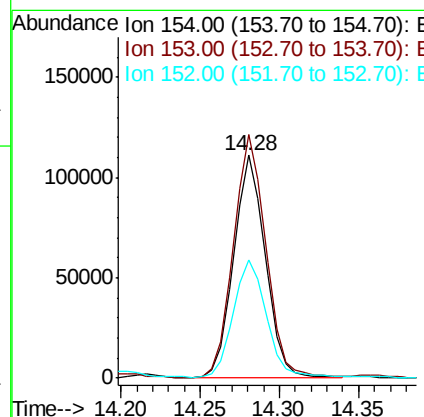
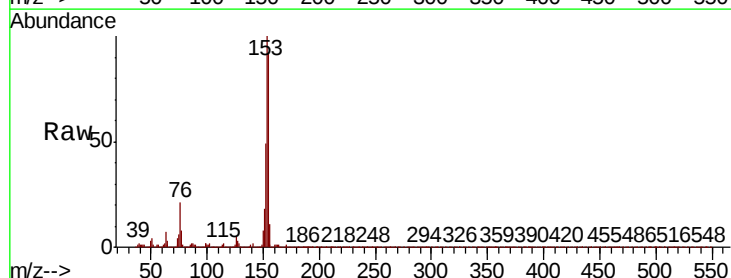
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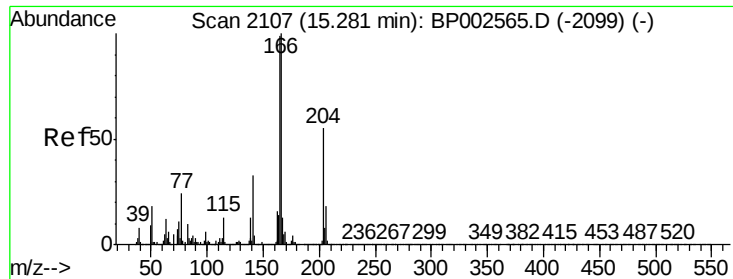
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#52
Acenaphthene
Concen: 3.659 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.3	89.1	133.7
152	53.1	43.2	64.8





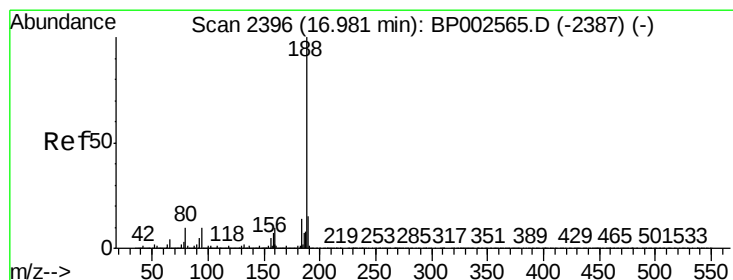
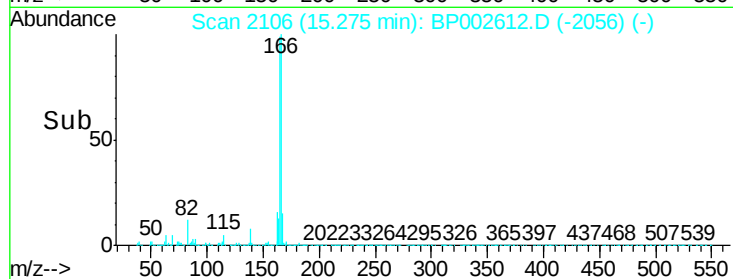
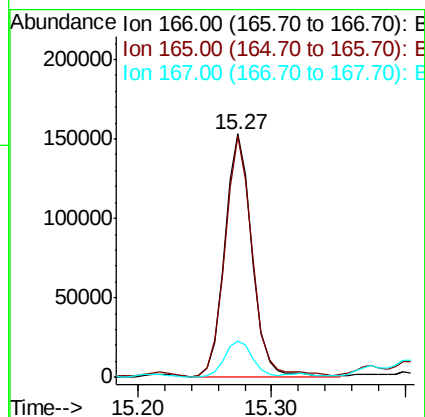
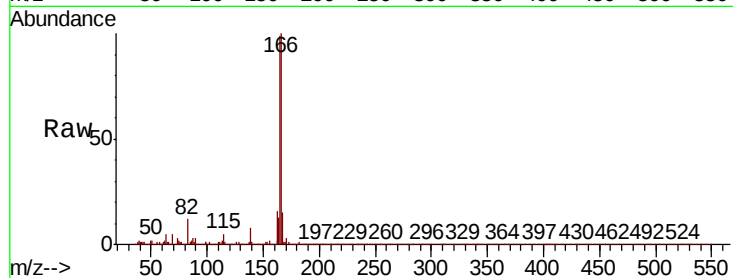
#58
Fluorene
 Concen: 4.209 ng
 RT: 15.27 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BP002612.D
 Acq: 01 Jul 2020 19:38

Instrument :
 BNA_P
 ClientSampleId :
 PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	15.0	10.8	16.2

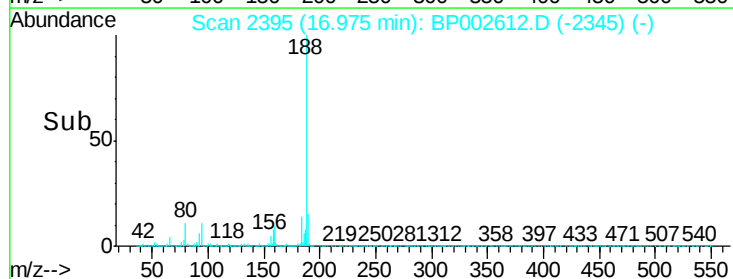
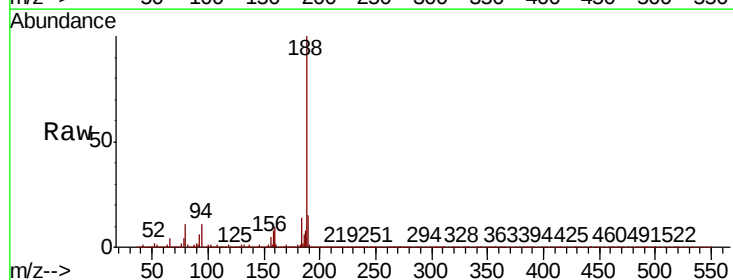
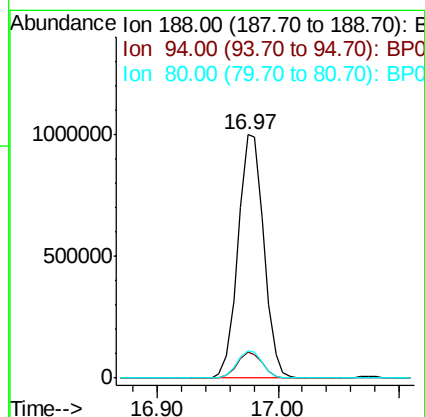
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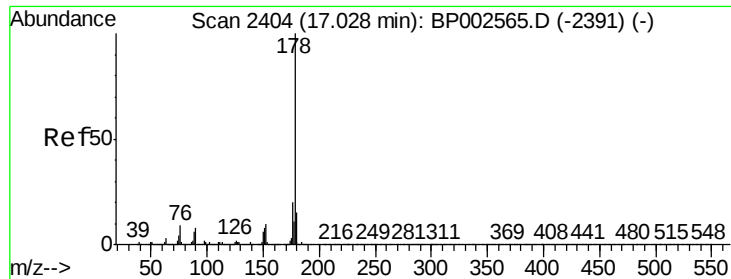
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.97 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BP002612.D
 Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.8	11.6
80	11.2	8.2	12.4





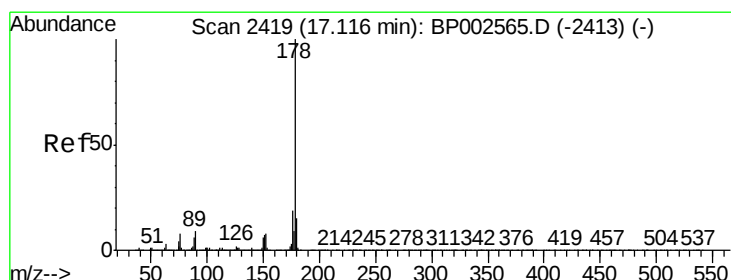
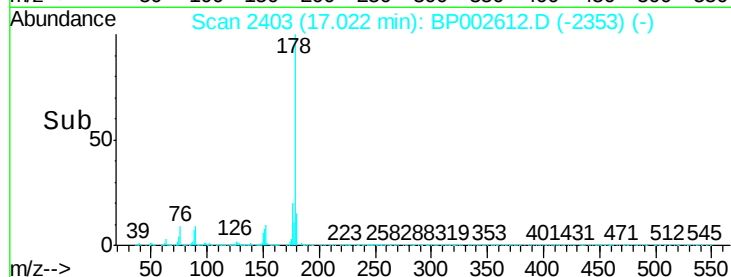
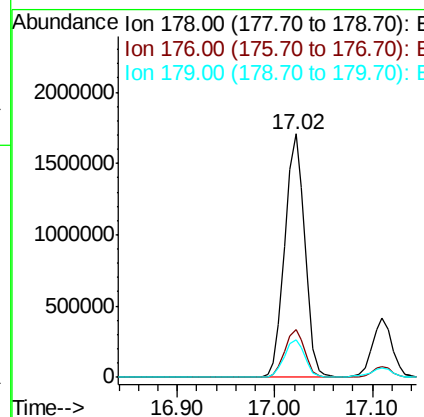
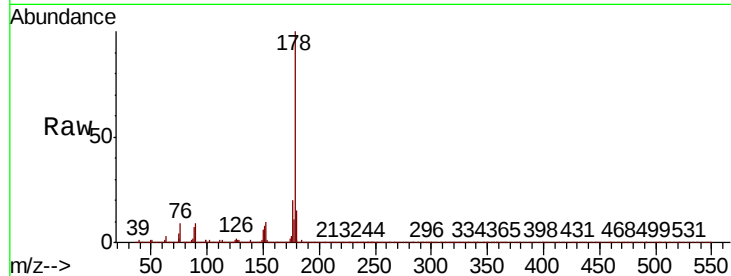
#71
Phenanthrene
Concen: 30.222 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.3	12.1	18.1

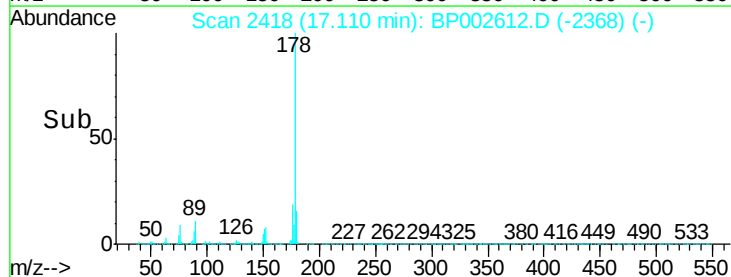
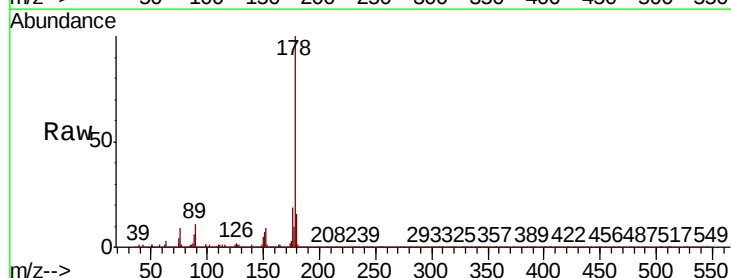
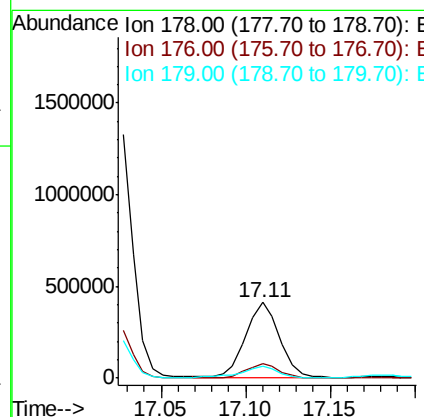
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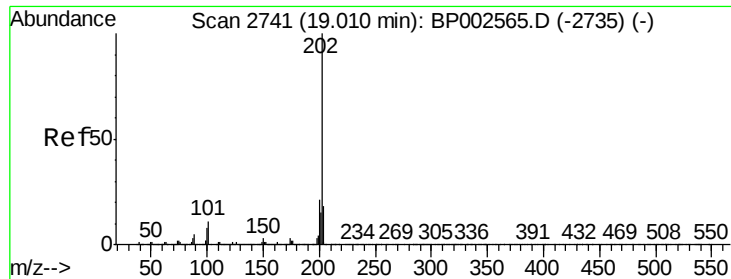
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#72
Anthracene
Concen: 7.150 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.9	12.2	18.2





#75

Fluoranthene

Concen: 24.527 ng

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BP002612.D

Acq: 01 Jul 2020 19:38

Instrument :

BNA_P

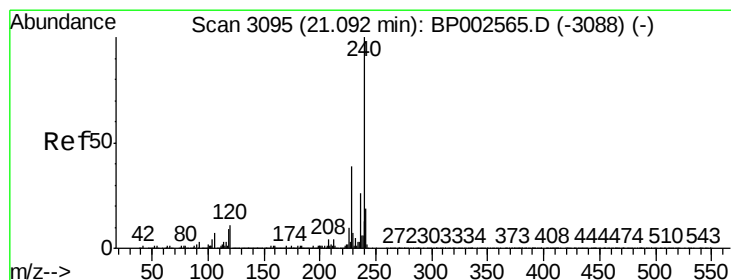
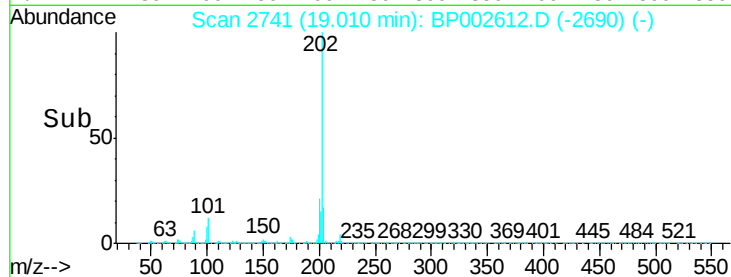
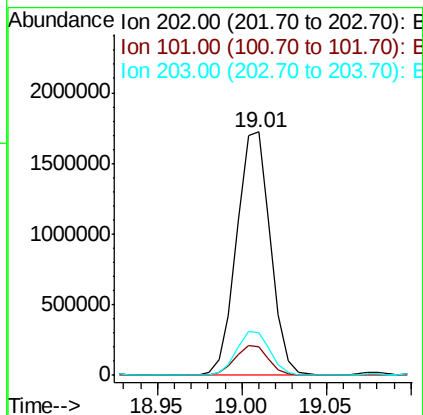
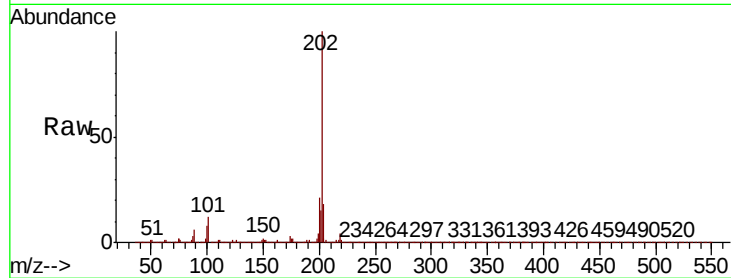
ClientSampleId :

PR-CONCRETE

Tot Ion:	202	Resp:	2382356
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.6
203	17.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

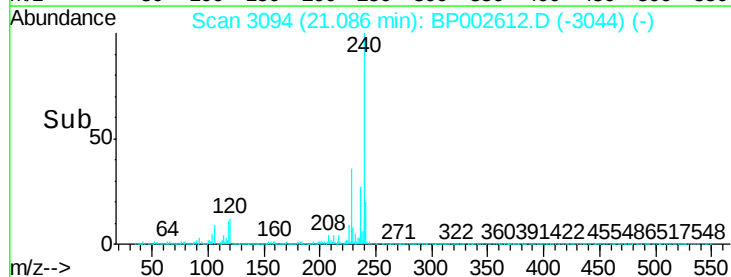
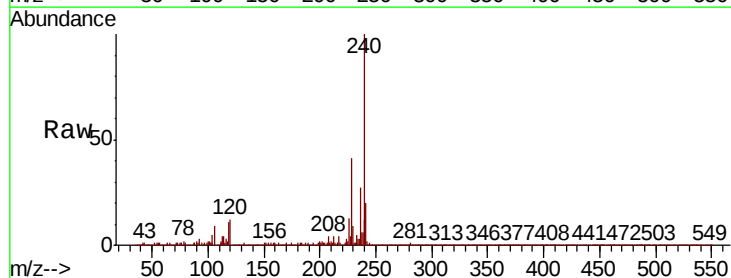
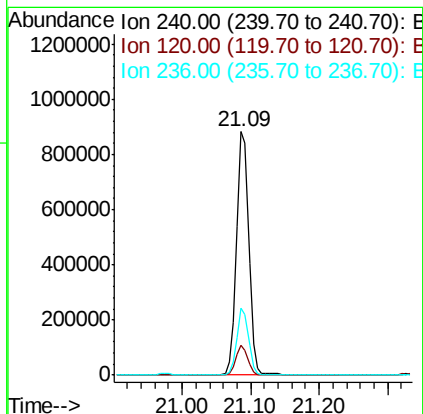
RT: 21.09 min Scan# 3094

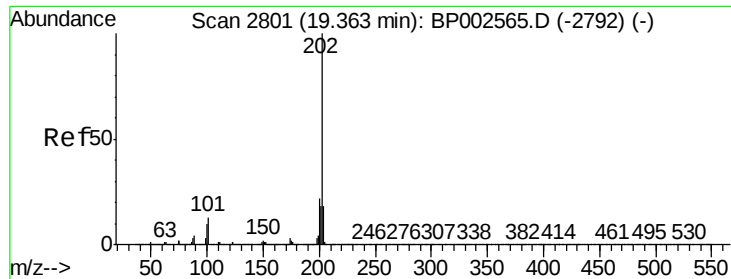
Delta R.T. -0.01 min

Lab File: BP002612.D

Acq: 01 Jul 2020 19:38

Tgt Ion:	240	Resp:	1087933
Ion Ratio	Lower	Upper	
240	100		
120	12.2	8.6	13.0
236	27.5	20.8	31.2





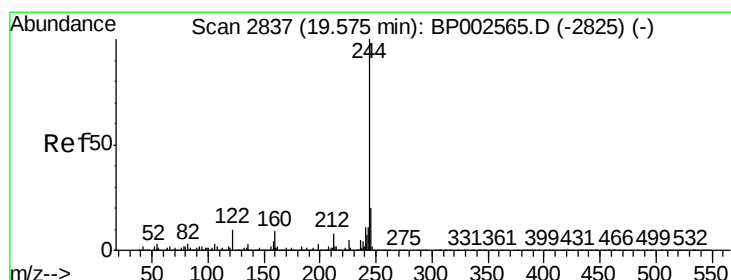
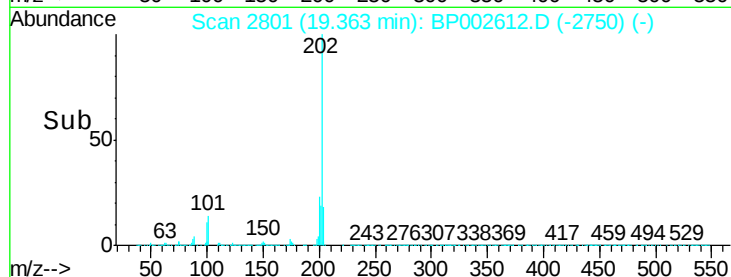
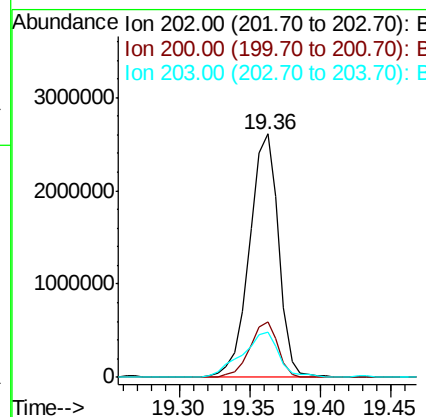
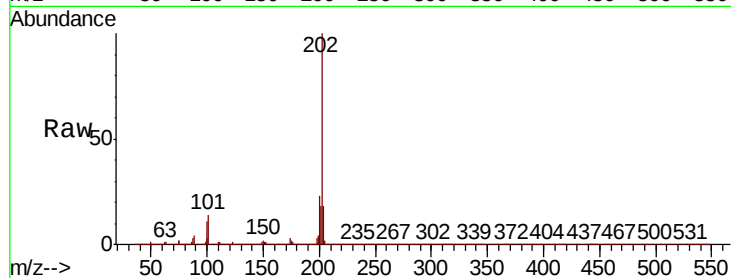
#78
Pvrene
Concen: 50.964 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	18.5	14.4	21.6

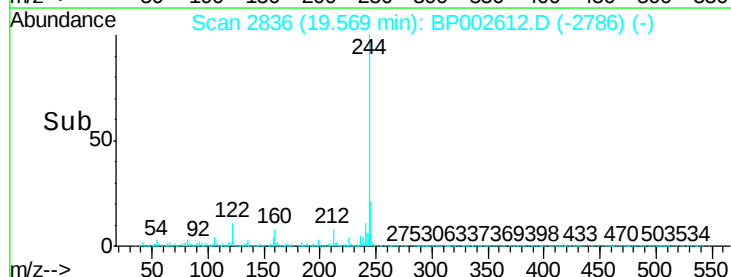
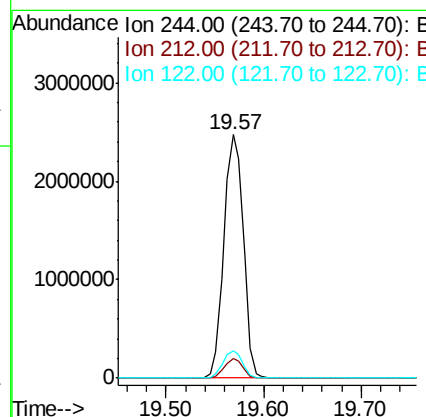
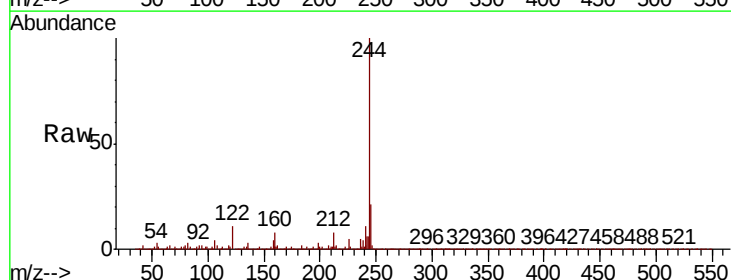
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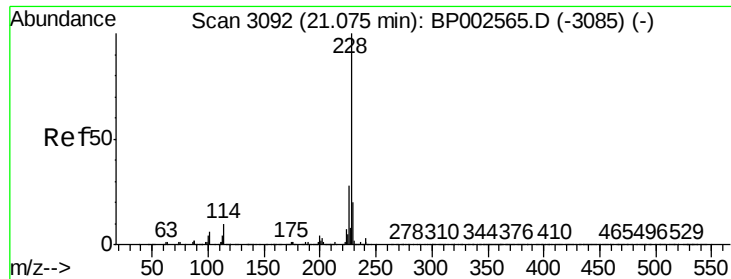
mohammad
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#79
Terphenyl-d14
Concen: 67.914 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.0	7.9	11.9





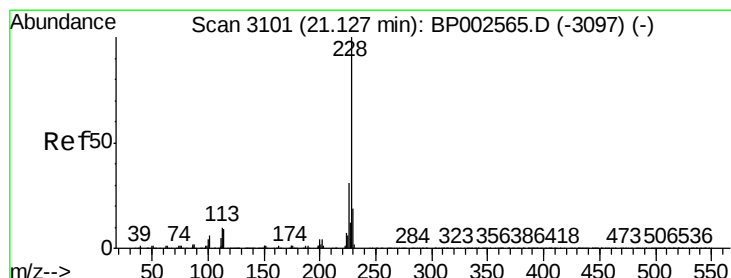
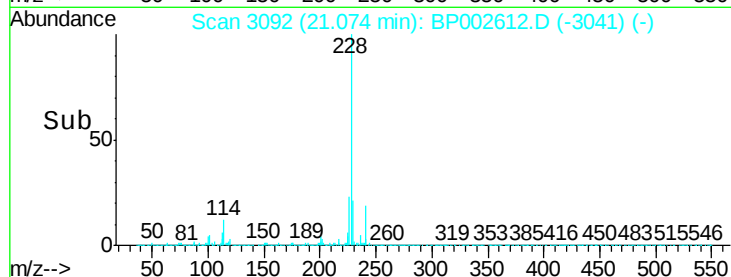
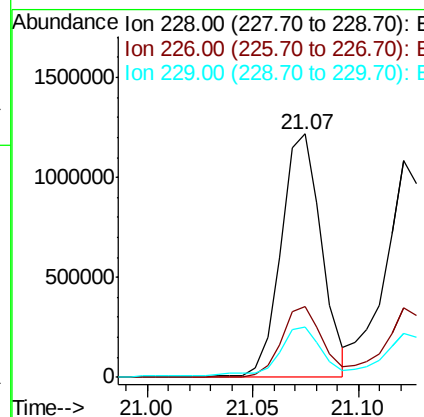
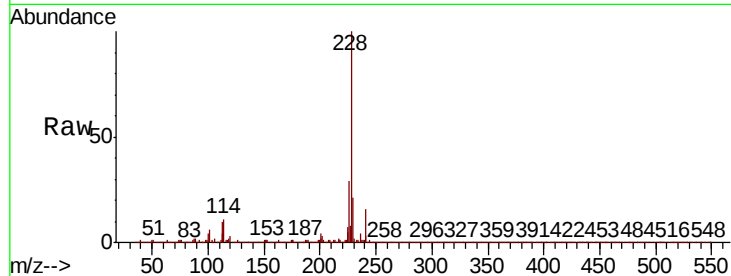
#81
Benzo(a)anthracene
Concen: 22.658 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion:228 Resp: 1611584
Ion Ratio Lower Upper
228 100
226 29.1 22.5 33.7
229 20.5 16.4 24.6

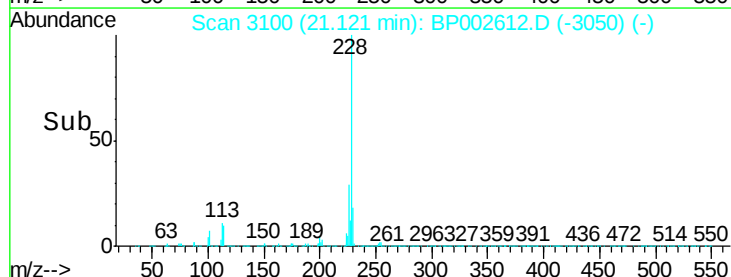
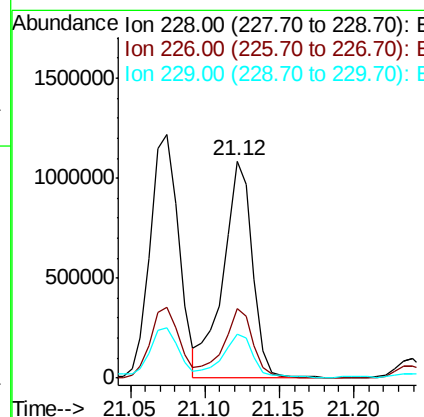
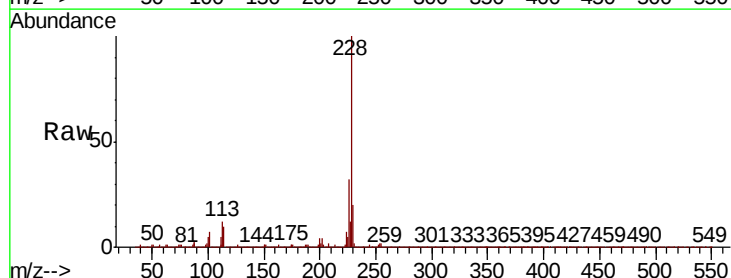
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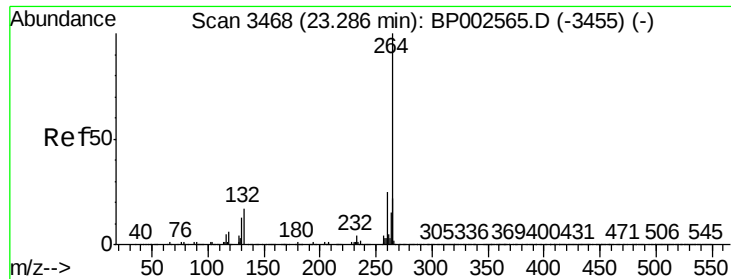
mohammad
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#83
Chrysene
Concen: 21.716 ng m
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion:228 Resp: 1481089
Ion Ratio Lower Upper
228 100
226 32.1 24.6 37.0
229 20.3 15.6 23.4





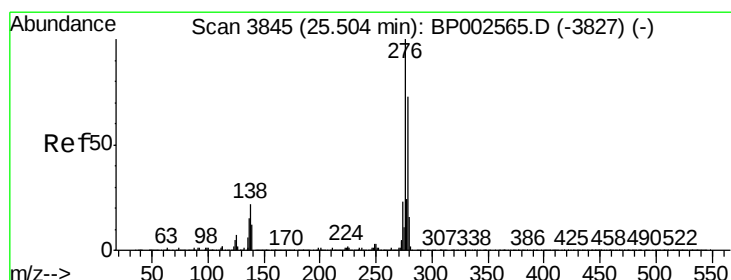
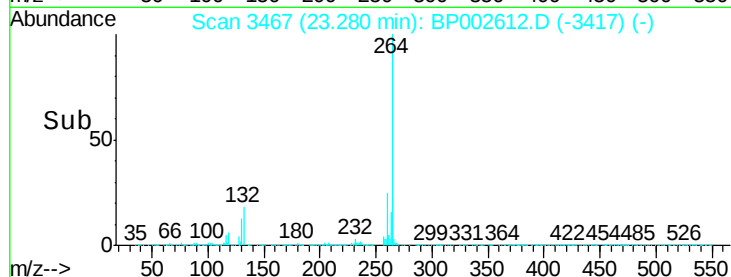
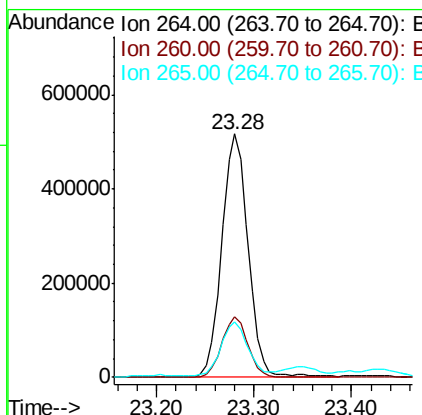
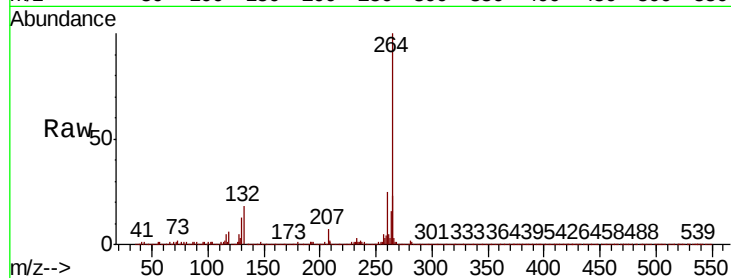
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.8	17.6	26.4

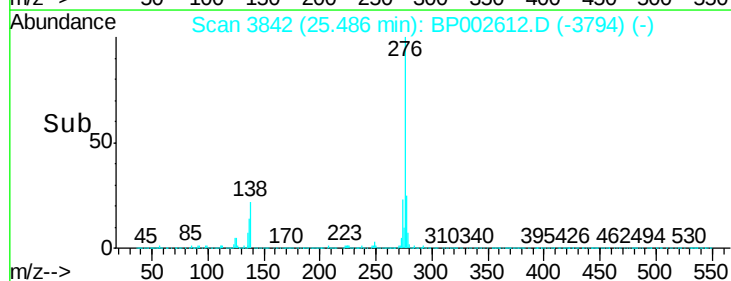
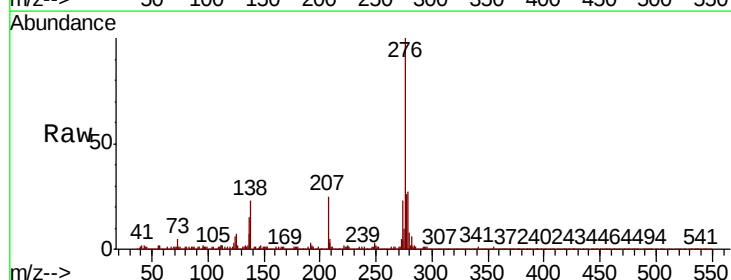
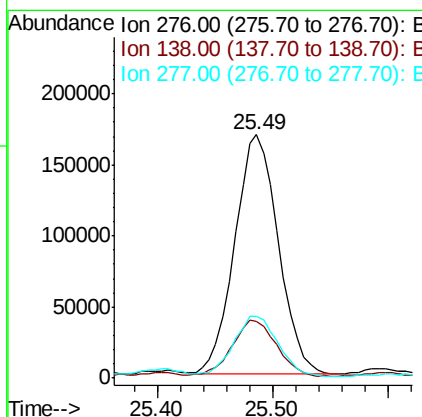
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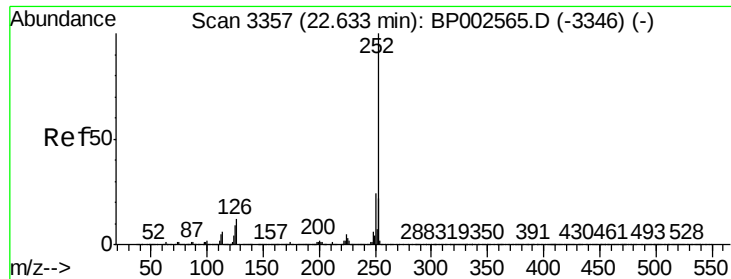
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.450 ng
RT: 25.49 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.6	27.8
277	25.9	20.1	30.1





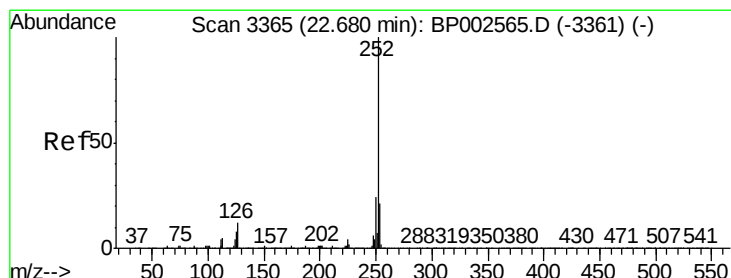
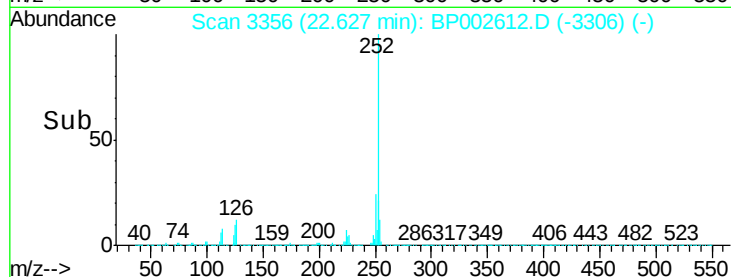
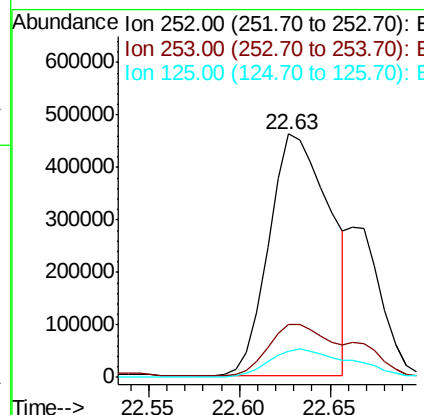
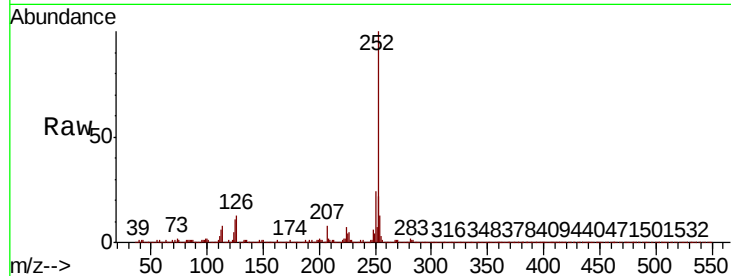
#88
Benzo(b)fluoranthene
Concen: 17.690 ng m
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	10.5	7.4	11.2

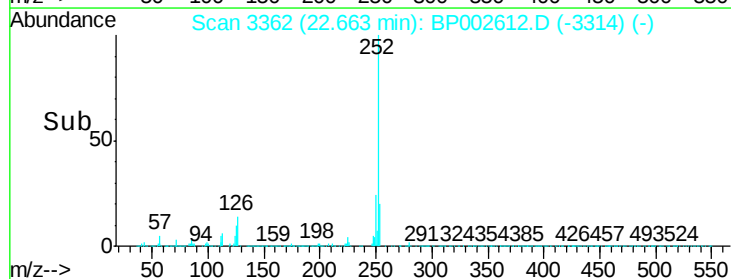
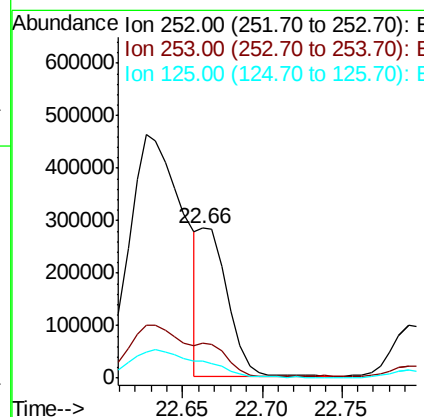
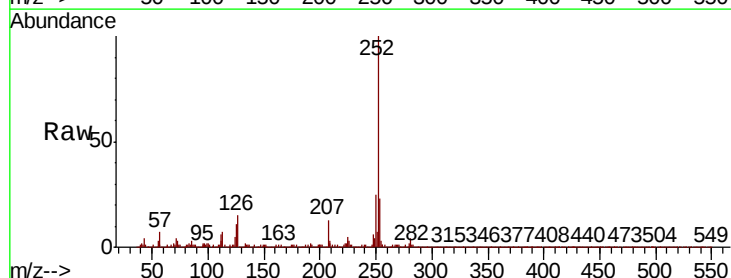
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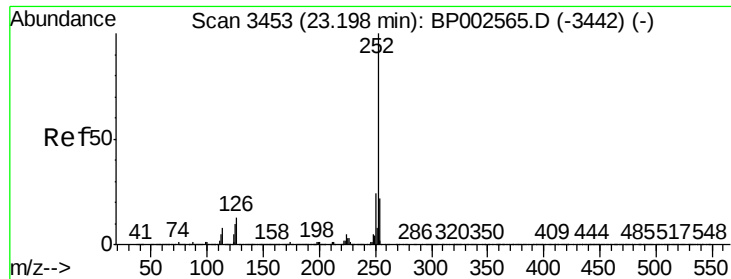
mohammad
7/7/2020 8:23:12 AM



#89
Benzo(k)fluoranthene
Concen: 6.123 ng m
RT: 22.66 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.1	6.9	10.3





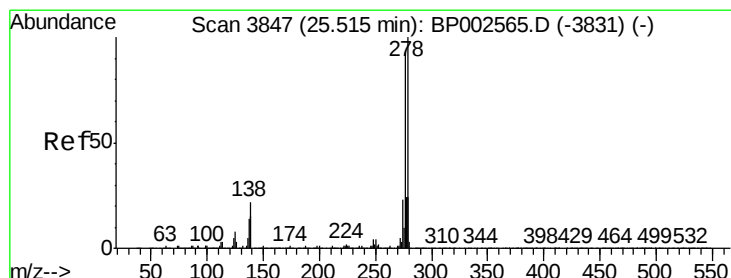
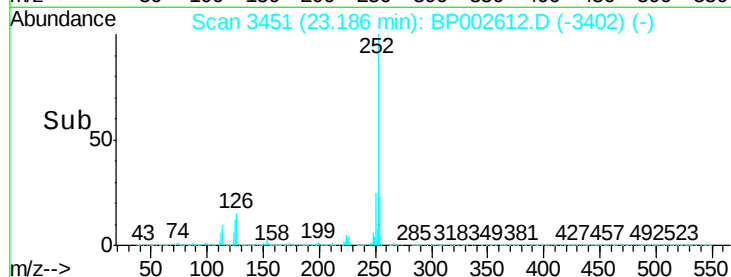
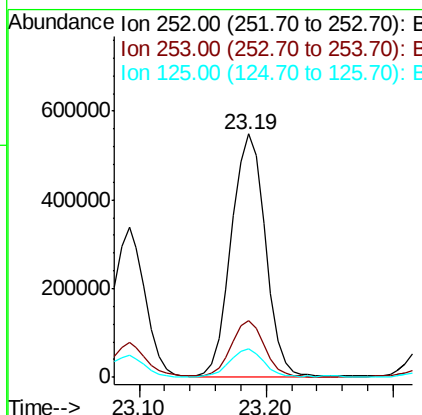
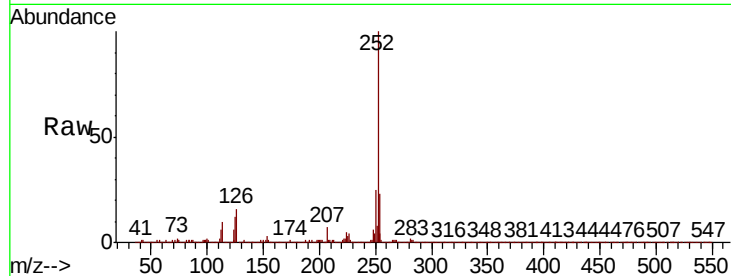
#90
Benzo(a)pyrene
Concen: 18.097 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.7	7.8	11.8

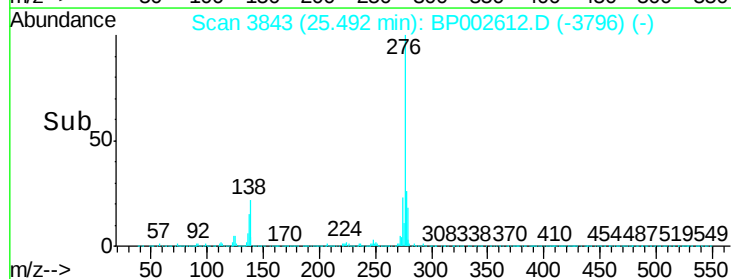
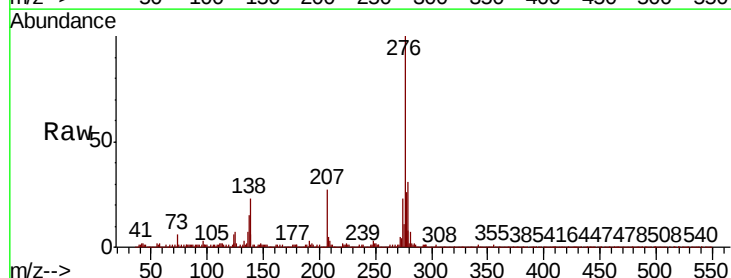
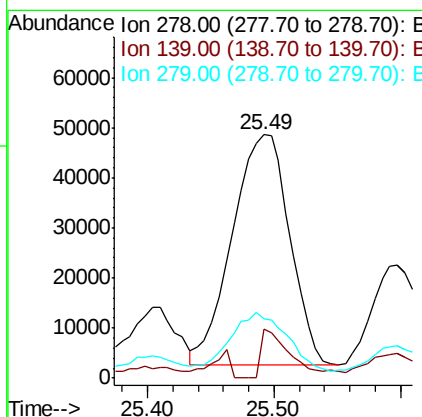
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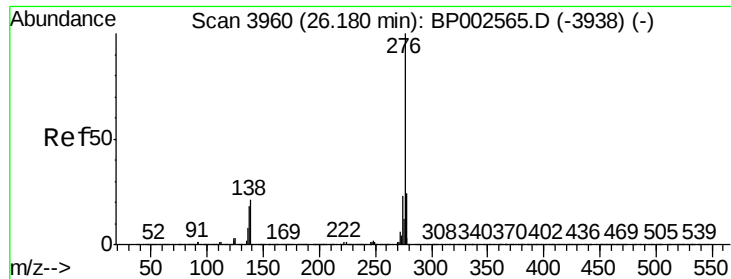
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.565 ng m
RT: 25.49 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.2	18.2#
279	24.5	19.0	28.6





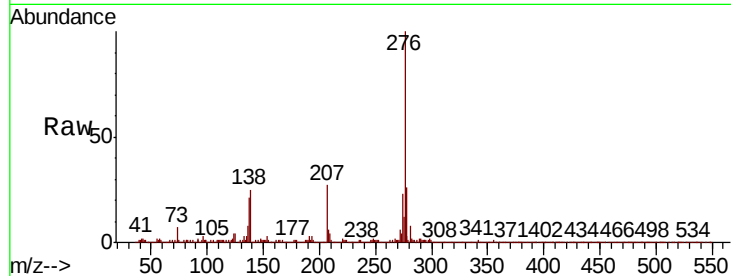
#92
Benzo(a,h,i)perylene
Concen: 7.974 ng
RT: 26.16 min Scan# 3956
Delta R.T. -0.02 min
Lab File: BP002612.D
Acq: 01 Jul 2020 19:38

Instrument :
BNA_P
ClientSampleId :
PR-CONCRETE

Tot Ion:	276	Resp:	449280
Ion Ratio		Lower	Upper
276	100		
277	26.2	19.3	28.9
138	24.9	16.9	25.3

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

