

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001521.D
 Acq On : 03 Jan 2020 22:54
 Operator : JU
 Sample : L1011-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-010220-0-2-COMP-B7

Manual Integrations
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mohammad
 1/6/2020 11:42:52 AM

Quant Time: Jan 04 03:39:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 15:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79948	20.00	ng	-0.01
21) Naphthalene-d8	10.48	136	303967	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	194403	20.00	ng	-0.01
64) Phenanthrene-d10	17.09	188	416336	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	344864	20.00	ng	-0.01
87) Perylene-d12	23.45	264	378787	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	498953	104.85	ng	0.04
7) Phenol-d6	6.92	99	695078	108.44	ng	0.04
23) Nitrobenzene-d5	8.85	82	435304	70.73	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	234818	106.73	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	850496	64.33	ng	-0.01
79) Terphenyl-d14	19.68	244	1184764	68.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.94	94	22283	3.305	ng	93
50) Dimethylphthalate	13.82	163	83071	5.467	ng	99
52) Acenaphthene	14.40	154	27401	2.386	ng	100
58) Fluorene	15.39	166	32413	2.419	ng	96
71) Phenanthrene	17.14	178	489515	21.678	ng	99
72) Anthracene	17.23	178	119459	5.338	ng	98
73) Carbazole	17.50	167	42829	2.068	ng	99
75) Fluoranthene	19.12	202	724924	26.519	ng	99
78) Pyrene	19.47	202	666137	26.619	ng	99
81) Benzo(a)anthracene	21.17	228	326108	13.477	ng	99
83) Chrysene	21.23	228	301144	12.979	ng	95
86) Indeno(1,2,3-cd)pyrene	25.73	276	171020	6.056	ng	# 95
88) Benzo(b)fluoranthene	22.77	252	366077	15.608	ng	96
89) Benzo(k)fluoranthene	22.81	252	107384m	4.780	ng	
90) Benzo(a)pyrene	23.35	252	270462	12.319	ng	96
91) Dibenzo(a,h)anthracene	25.74	278	46540	2.133	ng	# 73
92) Benzo(a,h,i)perylene	26.42	276	161545	7.423	ng	97

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

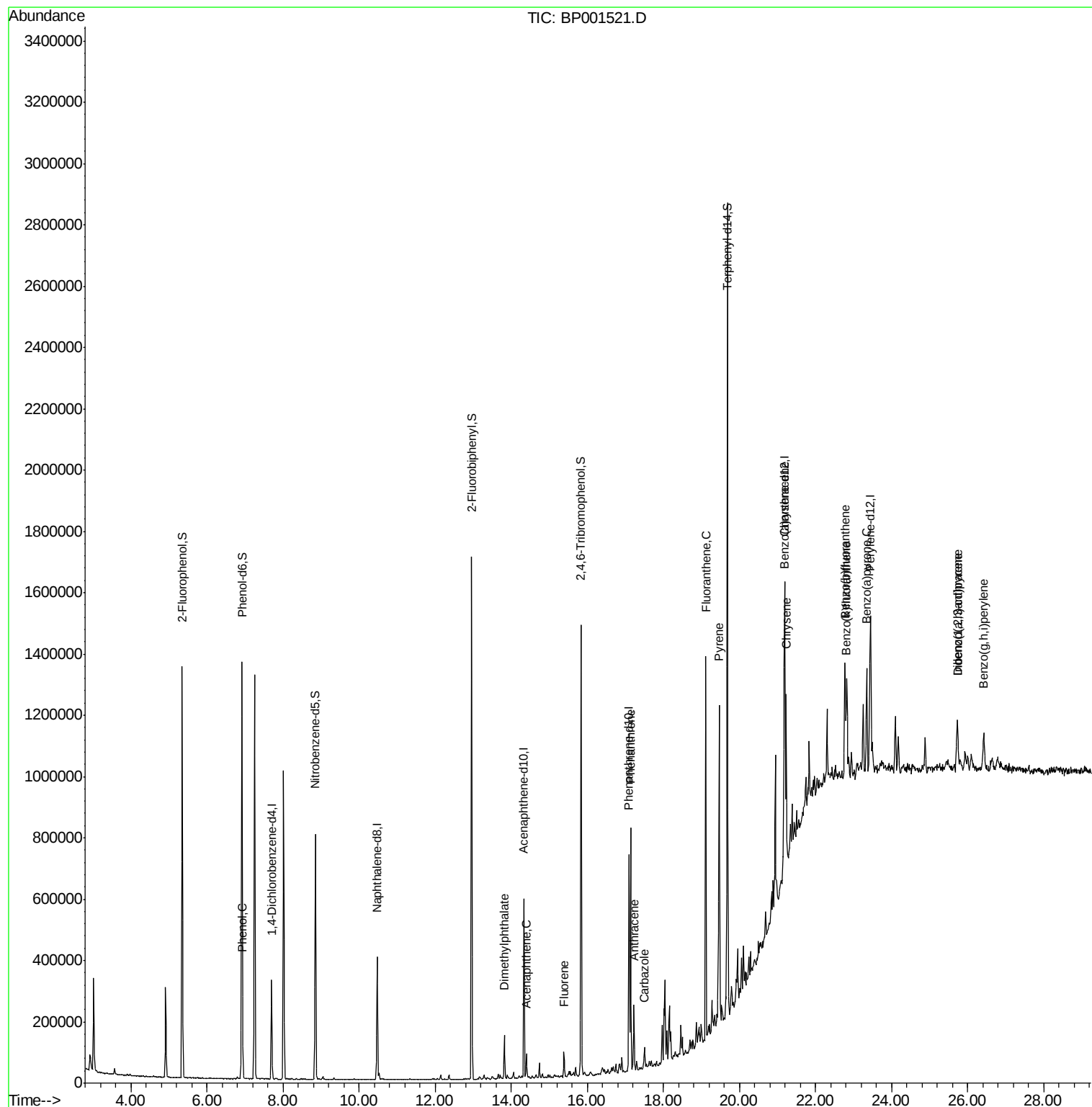
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
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ALS Vial : 12 Sample Multiplier: 1

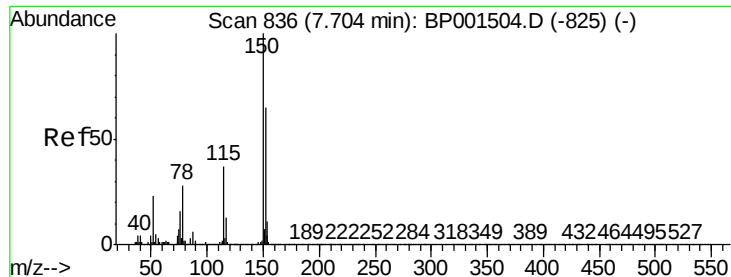
Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

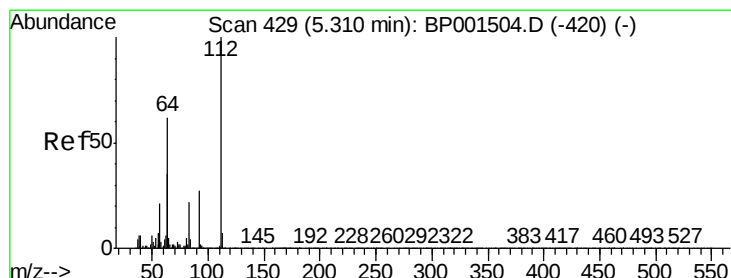
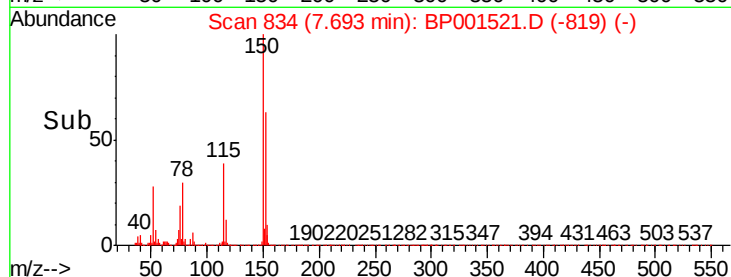
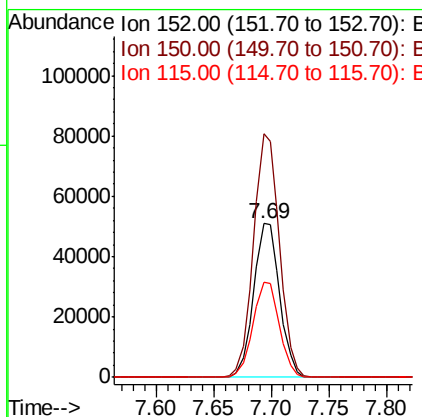
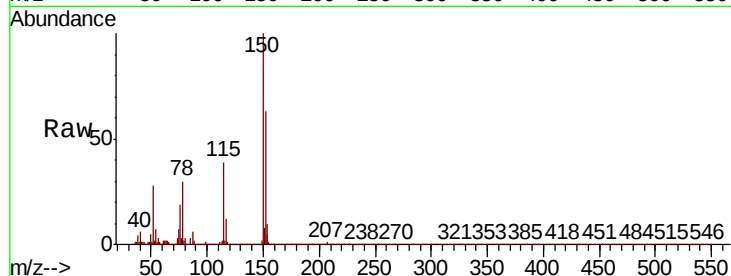
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.6	185.4
115	61.7	45.8	68.6

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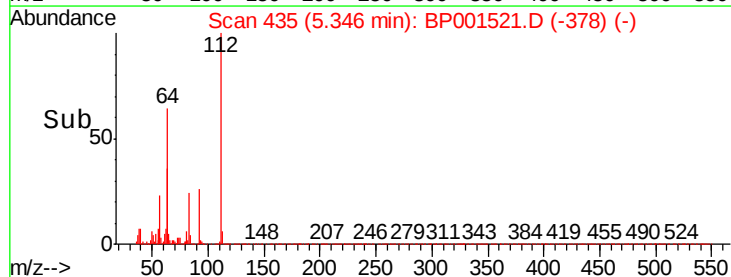
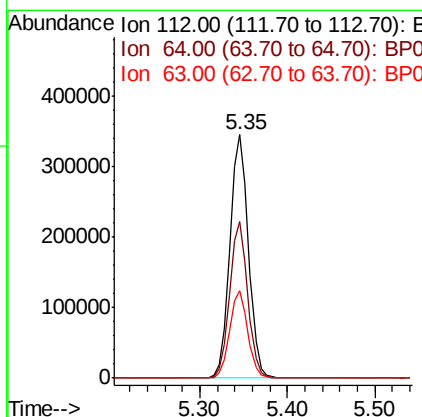
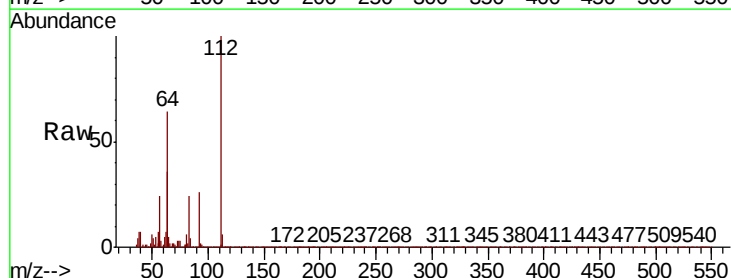
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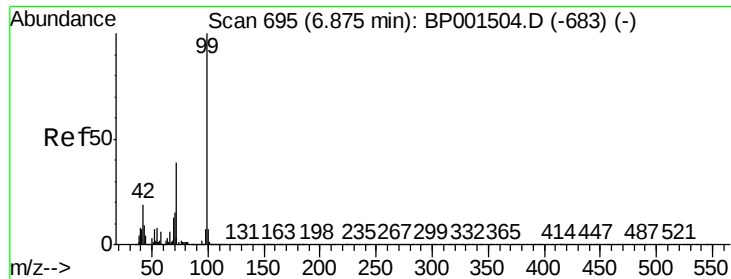


#5

2-Fluorophenol
Concen: 104.849 ng
RT: 5.35 min Scan# 435
Delta R.T. 0.04 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.7	74.5
63	36.1	28.1	42.1





#7

Phenol-d6

Concen: 108.442 ng

RT: 6.92 min Scan# 702

Delta R.T. 0.04 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Instrument :

BNA_P

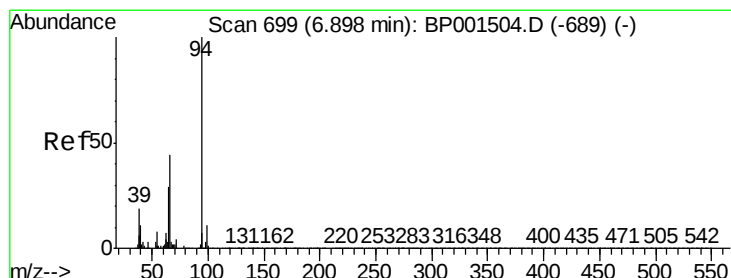
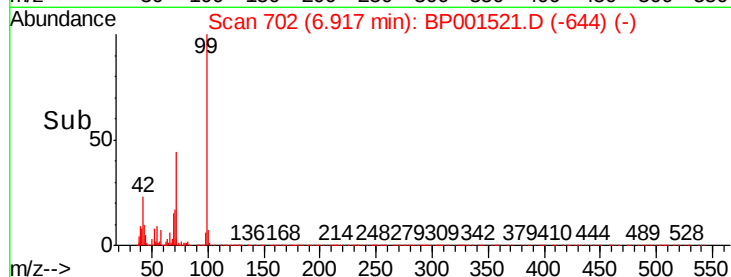
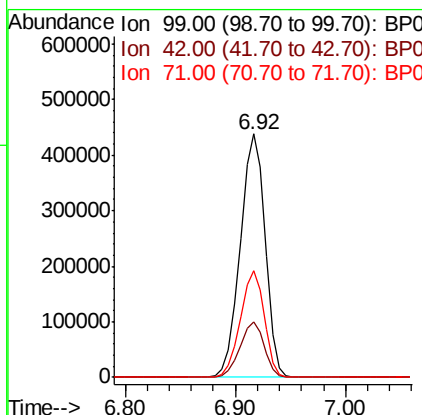
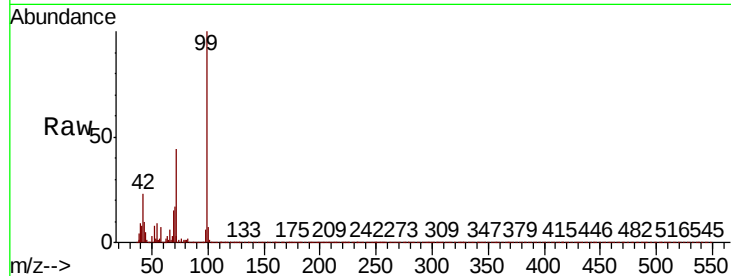
ClientSampleId :

MC-010220-0-2-COMP-B7

Tot Ion:	99	Resp:	695078
Ion Ratio	Lower	Upper	
99	100		
42	22.6	15.3	22.9
71	43.6	30.9	46.3

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#10

Phenol

Concen: 3.305 ng

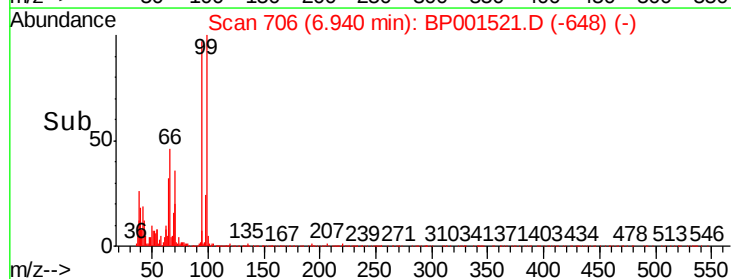
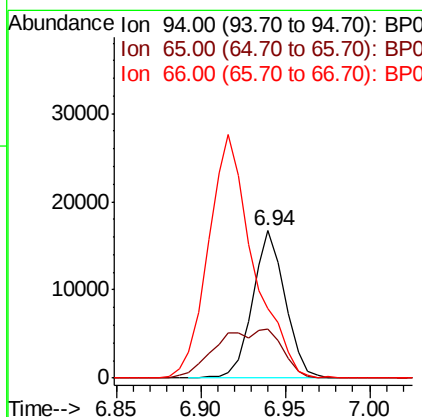
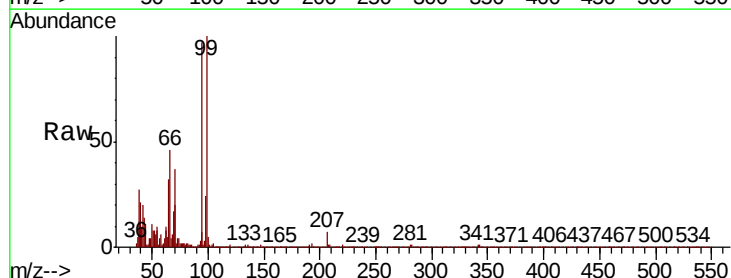
RT: 6.94 min Scan# 706

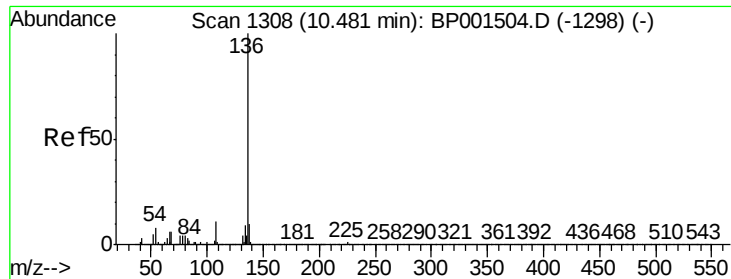
Delta R.T. 0.04 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Tgt Ion:	94	Resp:	22283
Ion Ratio	Lower	Upper	
94	100		
65	33.4	9.2	49.2
66	47.5	23.8	63.8





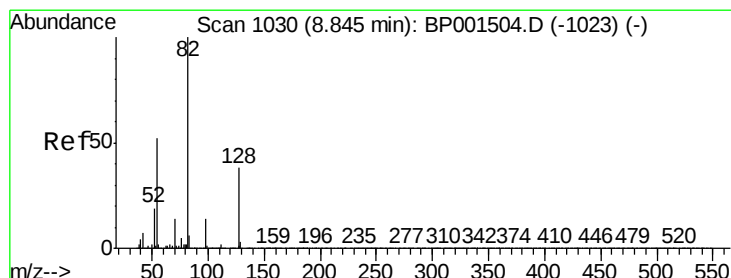
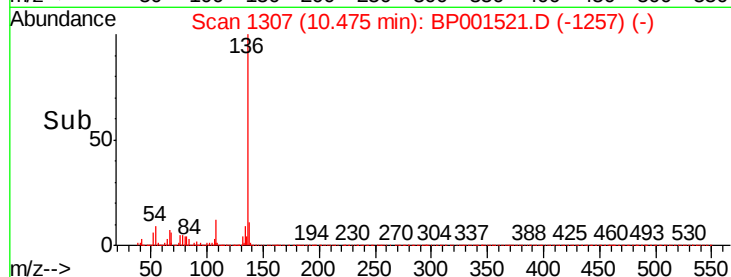
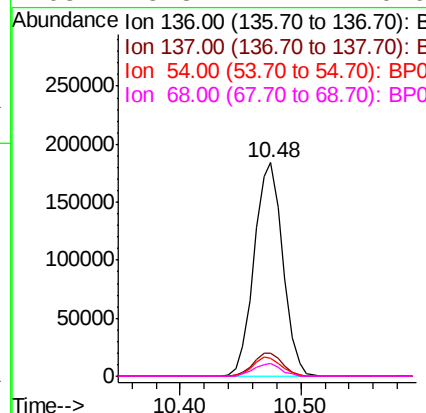
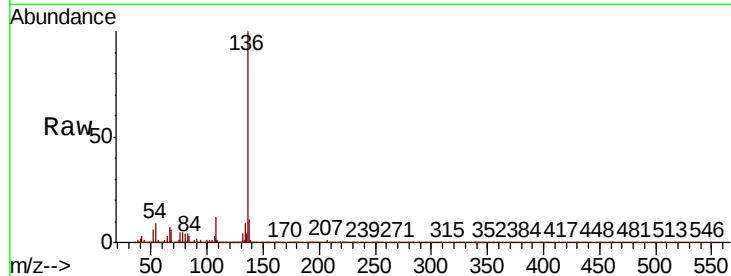
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.6	6.7	10.1
68	5.8	4.4	6.6

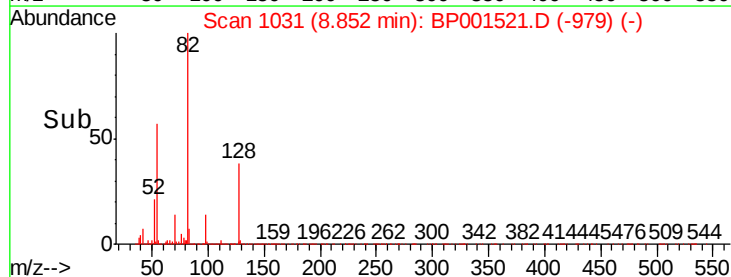
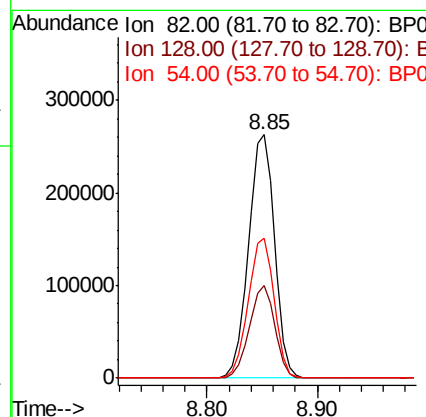
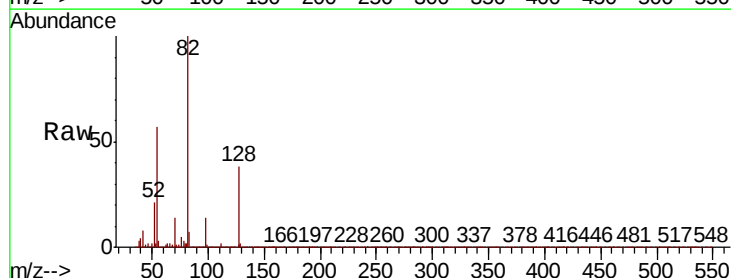
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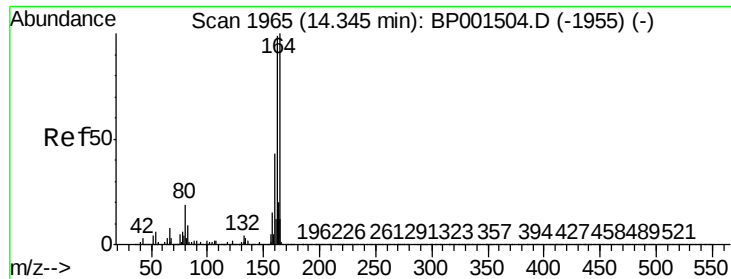
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#23
Nitrobenzene-d5
Concen: 70.733 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.2	30.1	45.1
54	57.4	41.8	62.6





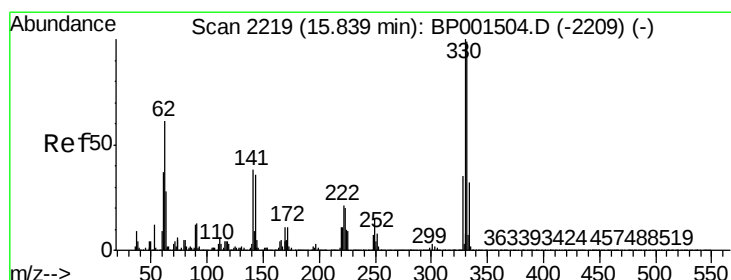
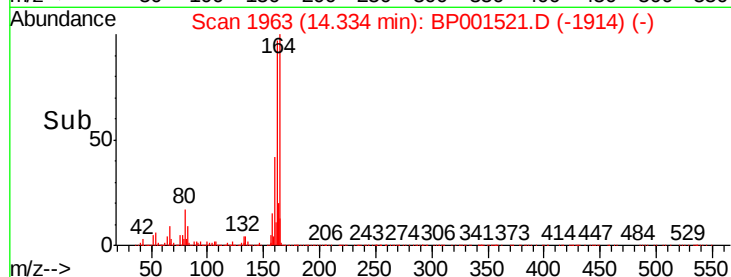
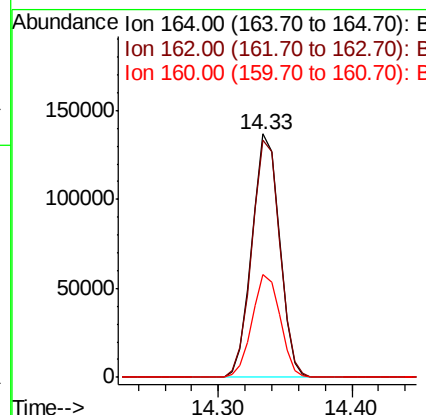
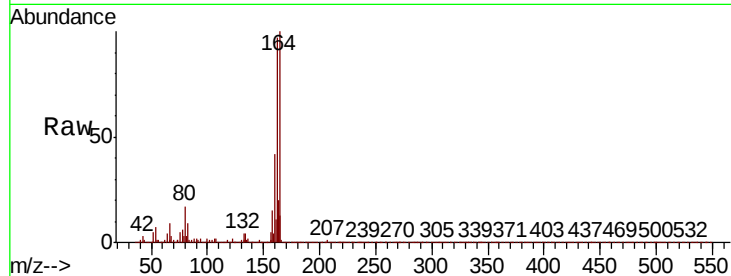
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.2	118.8
160	42.0	34.6	52.0

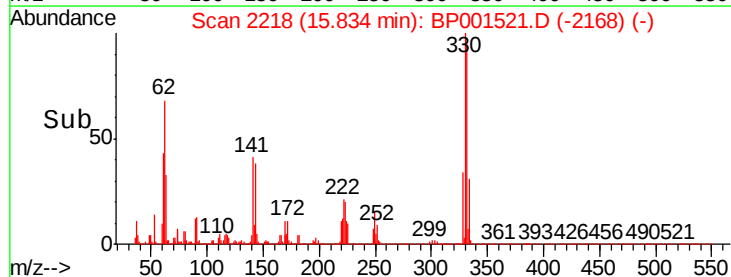
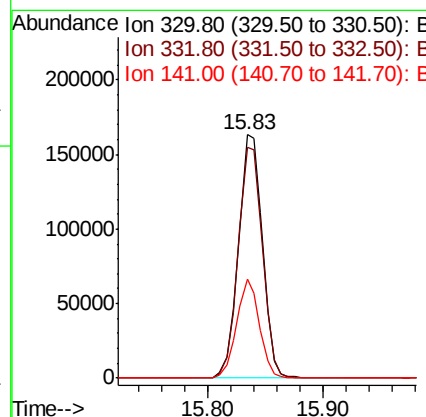
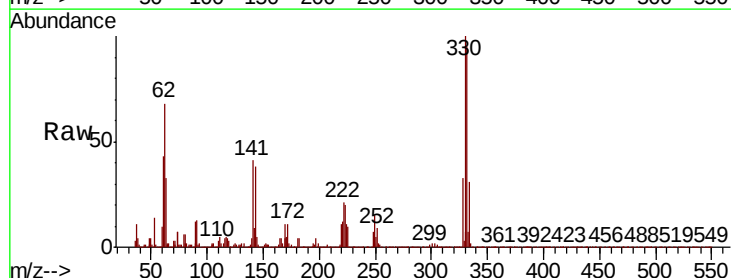
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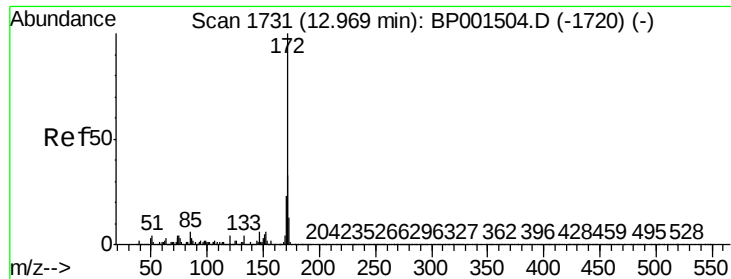
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#42
2,4,6-Tribromophenol
Concen: 106.726 ng
RT: 15.83 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	38.7	30.3	45.5





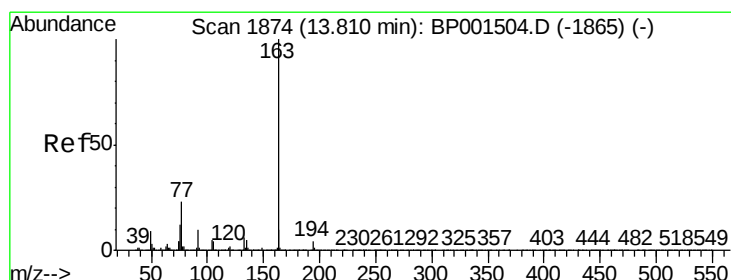
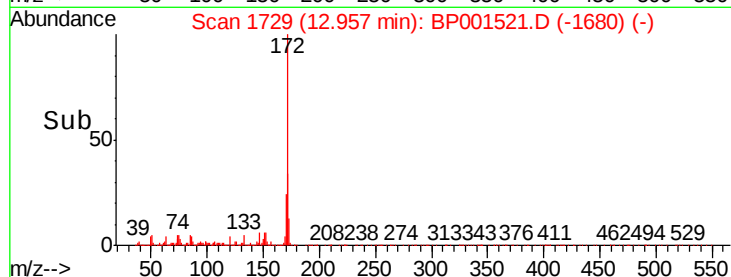
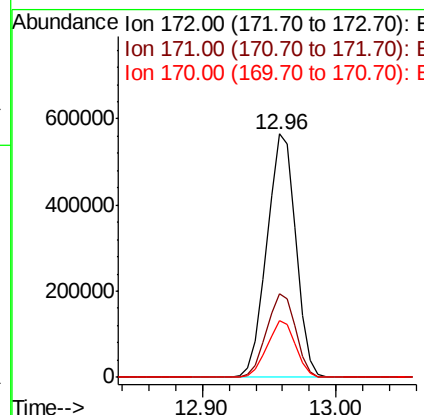
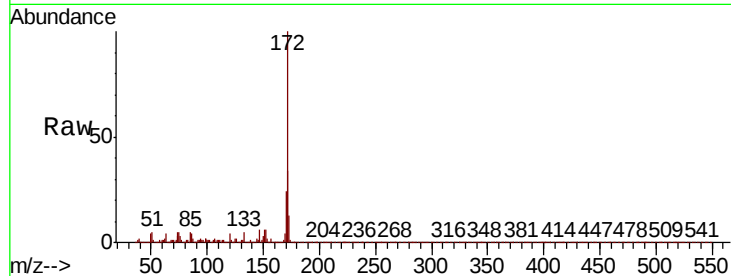
#45
2-Fluorobiphenyl
Concen: 64.328 ng
RT: 12.96 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.7	40.1
170	23.5	18.7	28.1

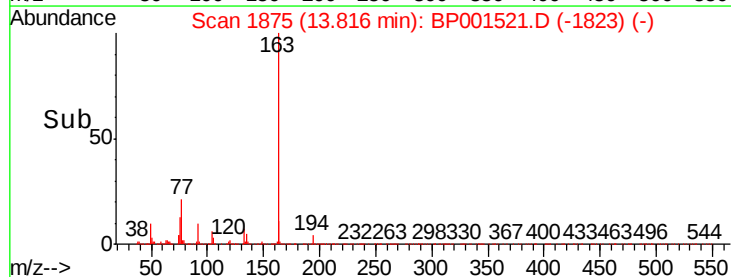
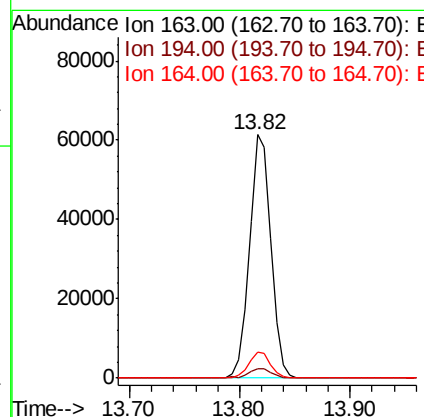
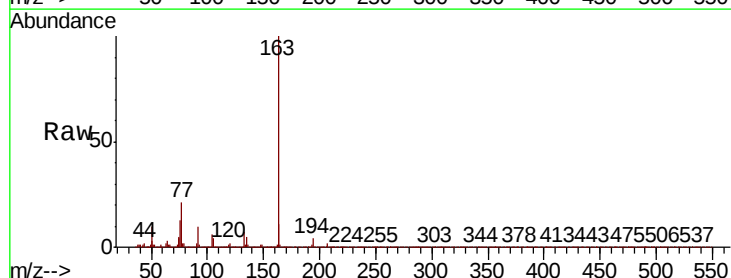
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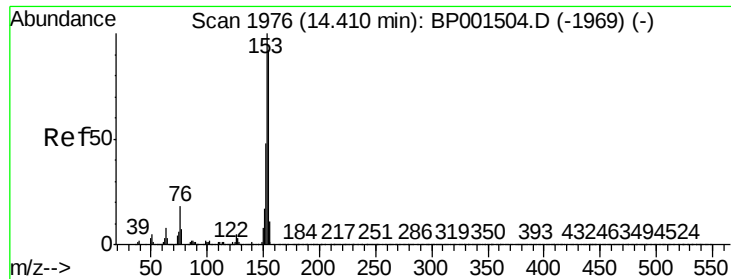
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#50
Dimethylphthalate
Concen: 5.467 ng
RT: 13.82 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.6	8.1	12.1





#52

Acenaphthene

Concen: 2.386 ng

RT: 14.40 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Instrument :

BNA_P

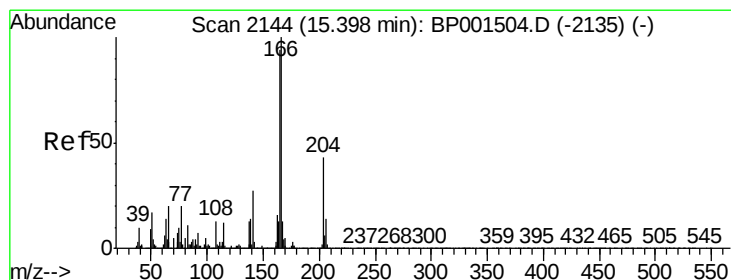
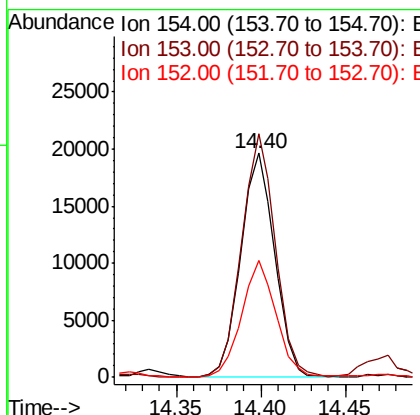
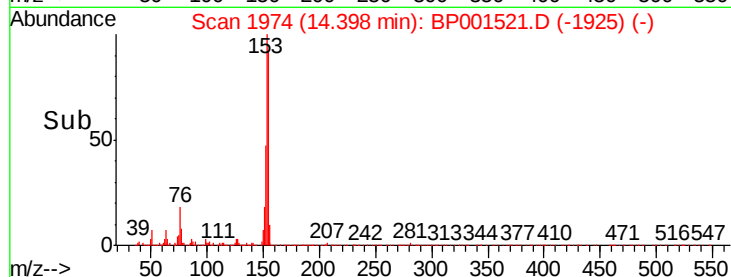
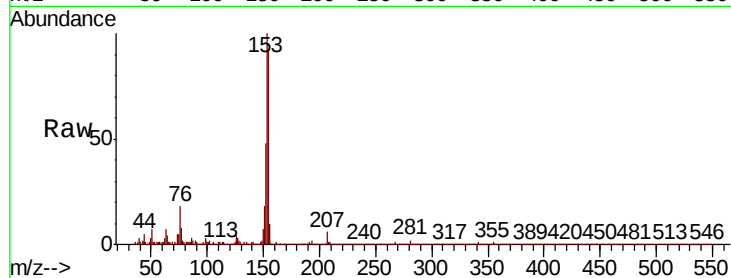
ClientSampleId :

MC-010220-0-2-COMP-B7

Tot Ion:	154	Resp:	27401
Ion Ratio	Lower	Upper	
154	100		
153	108.7	87.3	130.9
152	52.0	41.5	62.3

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#58

Fluorene

Concen: 2.419 ng

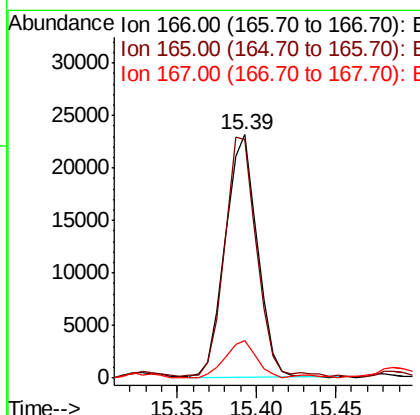
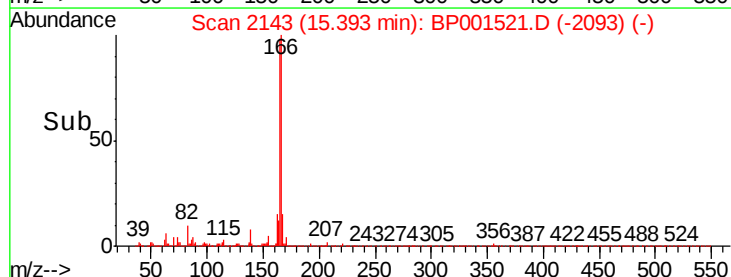
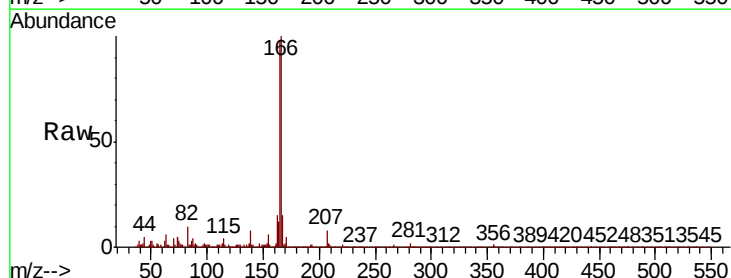
RT: 15.39 min Scan# 2143

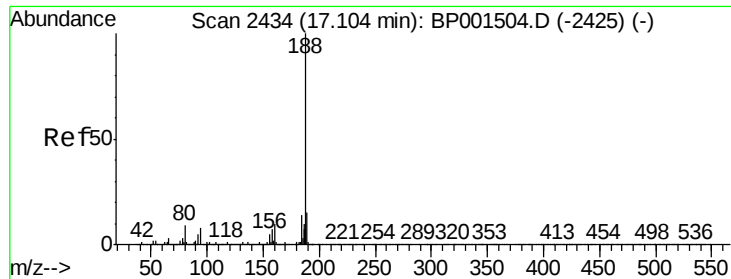
Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Tgt Ion:	166	Resp:	32413
Ion Ratio	Lower	Upper	
166	100		
165	98.2	75.3	112.9
167	15.4	10.7	16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Instrument :

BNA_P

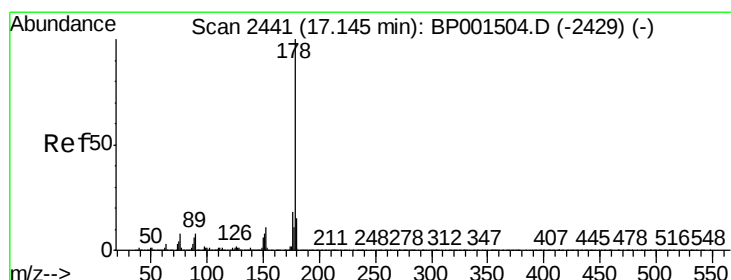
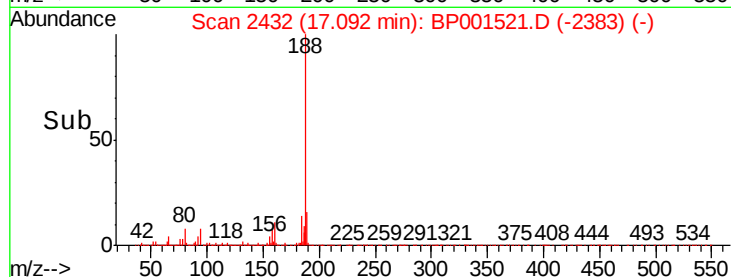
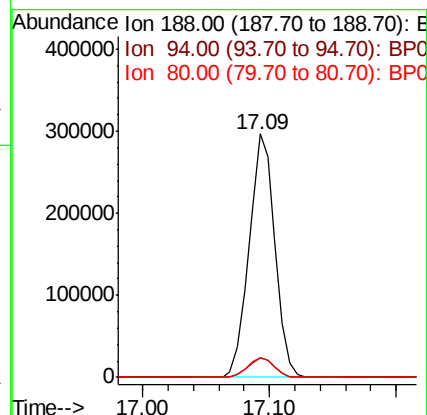
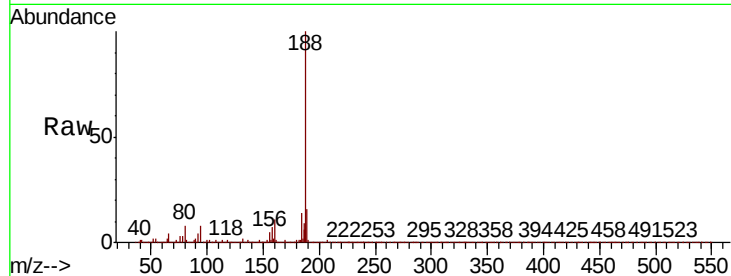
ClientSampleId :

MC-010220-0-2-COMP-B7

Tot Ion:	188	Resp:	416336
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.5	9.7
80	8.2	7.3	10.9

Manual Integrations
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#71

Phenanthrene

Concen: 21.678 ng

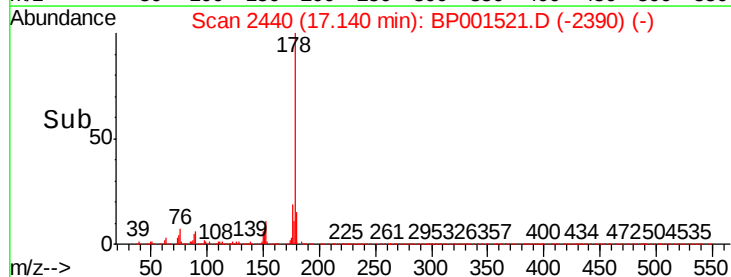
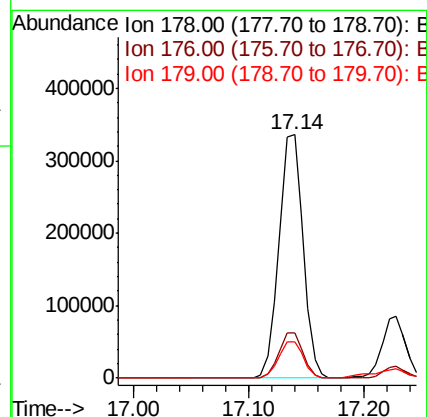
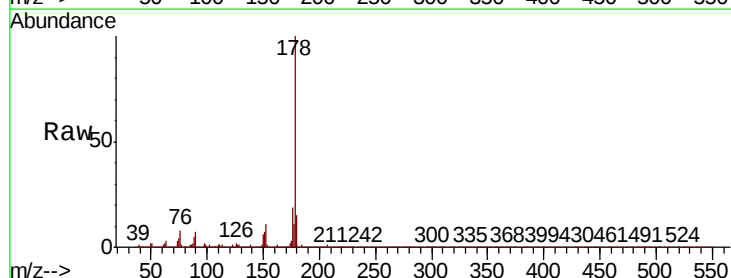
RT: 17.14 min Scan# 2440

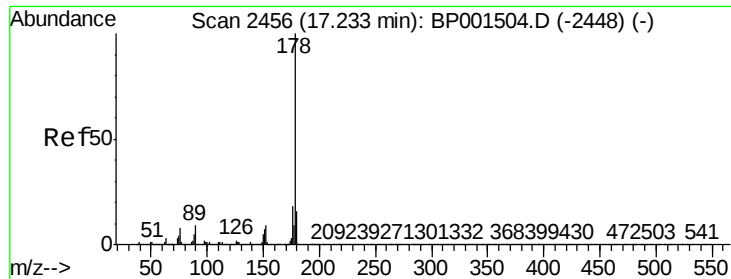
Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Tgt Ion:	178	Resp:	489515
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.6	22.0
179	15.0	12.3	18.5





#72

Anthracene

Concen: 5.338 ng

RT: 17.23 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Instrument :

BNA_P

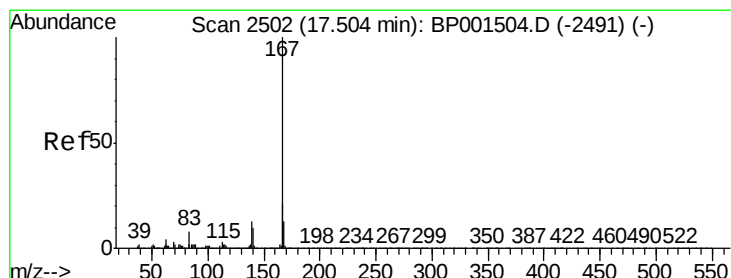
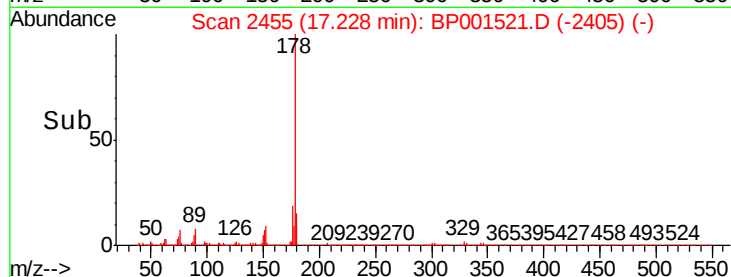
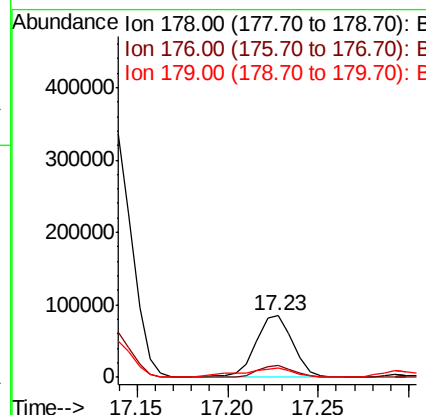
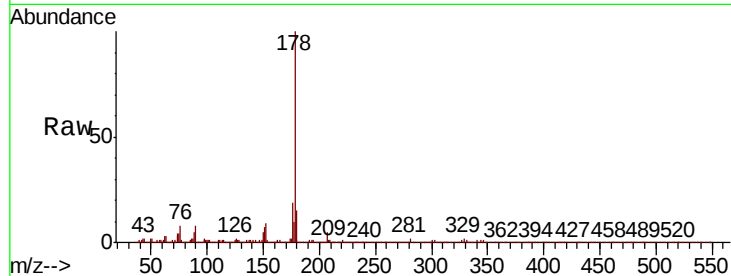
ClientSampleId :

MC-010220-0-2-COMP-B7

Tot Ion:	178	Resp:	119459
Ion Ratio	Lower	Upper	
178	100		
176	19.1	14.4	21.6
179	15.0	12.5	18.7

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#73

Carbazole

Concen: 2.068 ng

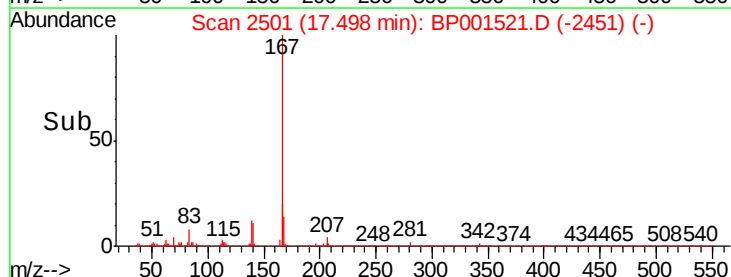
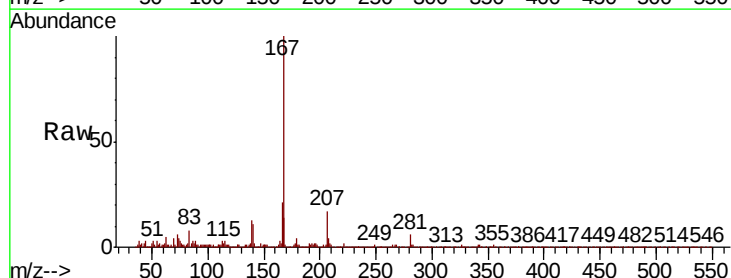
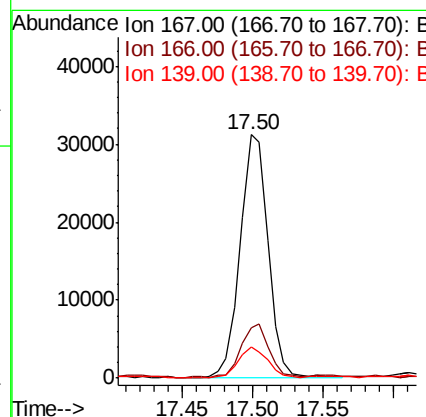
RT: 17.50 min Scan# 2501

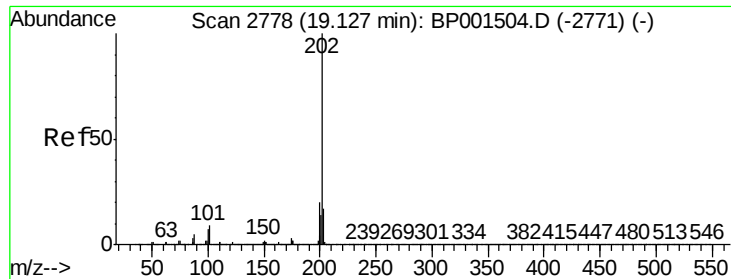
Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Tgt Ion:	167	Resp:	42829
Ion Ratio	Lower	Upper	
167	100		
166	20.6	17.0	25.6
139	12.6	10.2	15.4





#75

Fluoranthene

Concen: 26.519 ng

RT: 19.12 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Instrument :

BNA_P

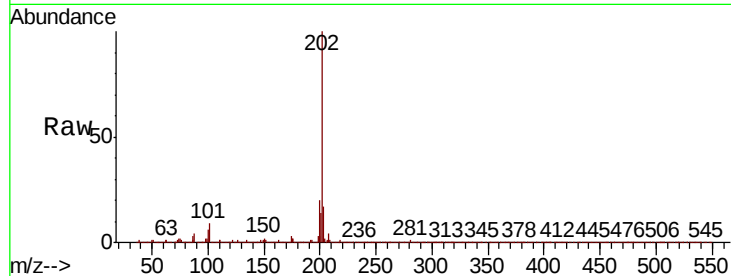
ClientSampleId :

MC-010220-0-2-COMP-B7

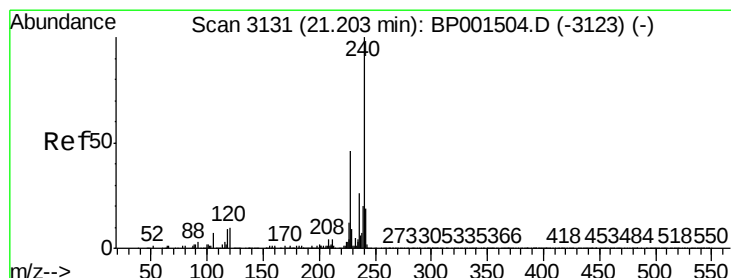
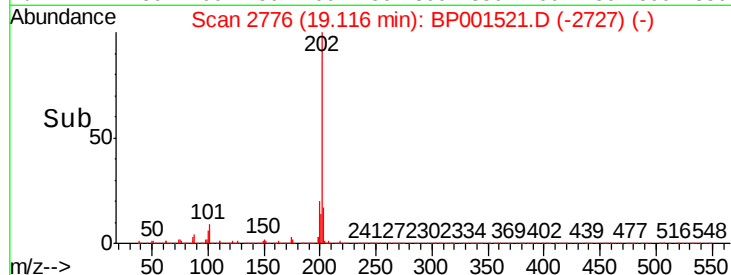
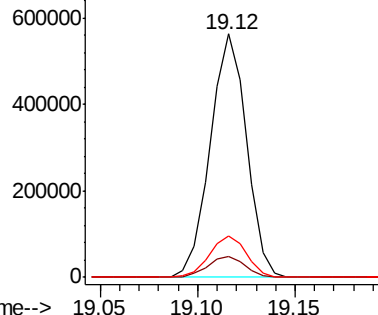
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		724924		
101	8.5	0.0	29.3		
203	17.1	0.0	36.7		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3129

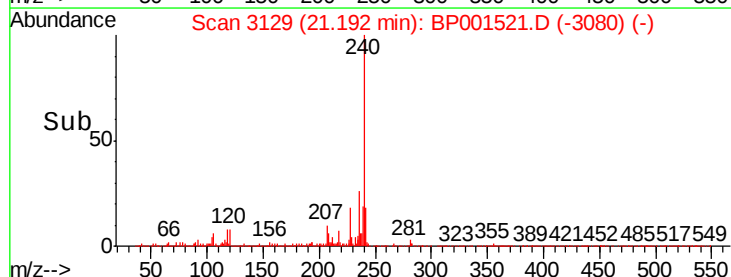
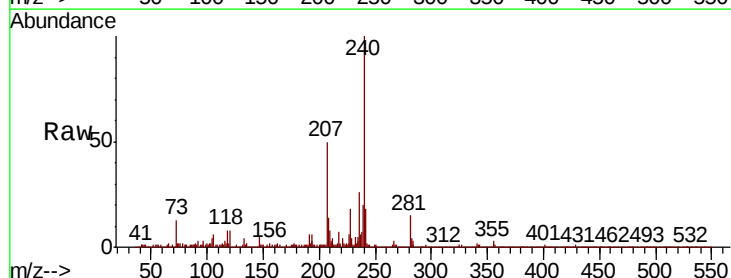
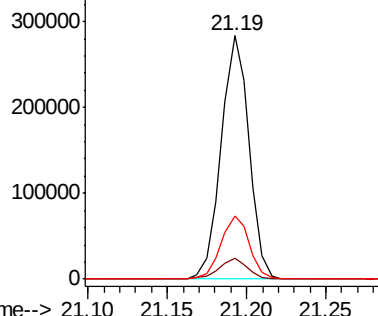
Delta R.T. -0.01 min

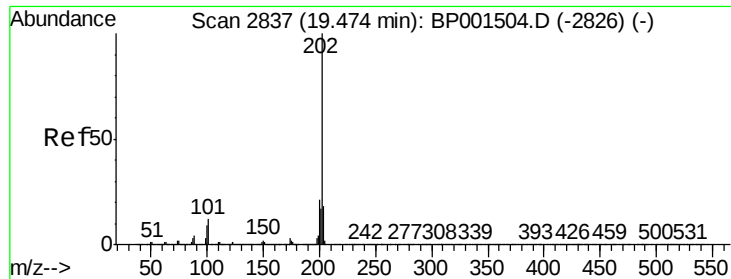
Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		344864		
120	8.4	8.1	12.1		
236	26.1	20.9	31.3		

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





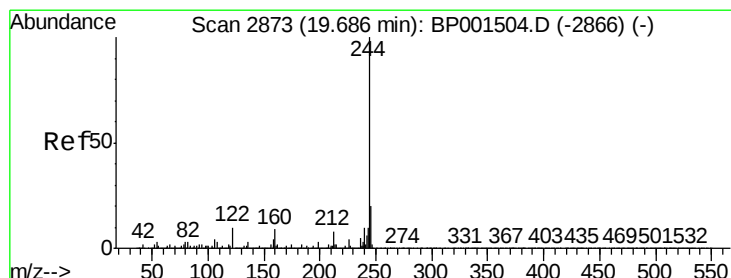
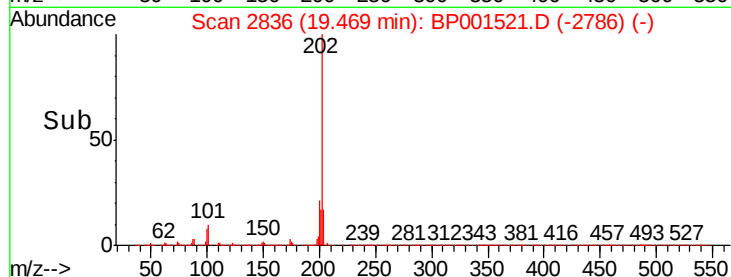
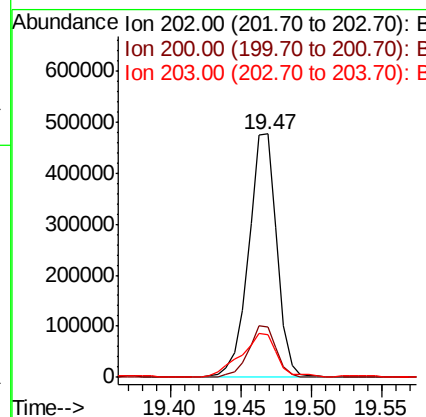
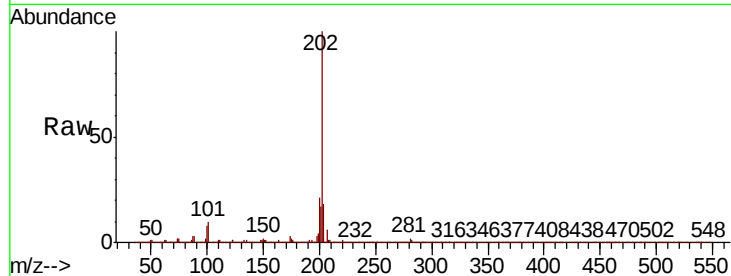
#78
Pvrene
Concen: 26.619 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	17.7	14.2	21.2

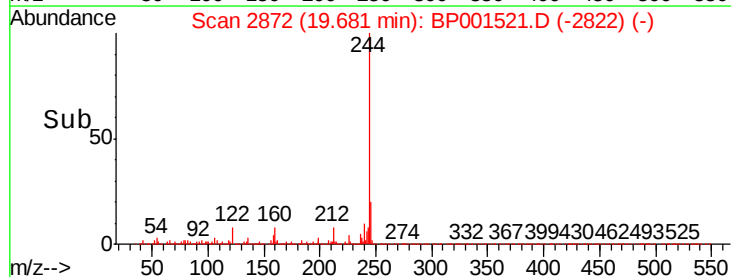
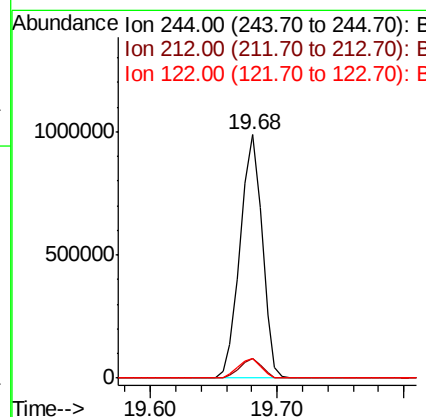
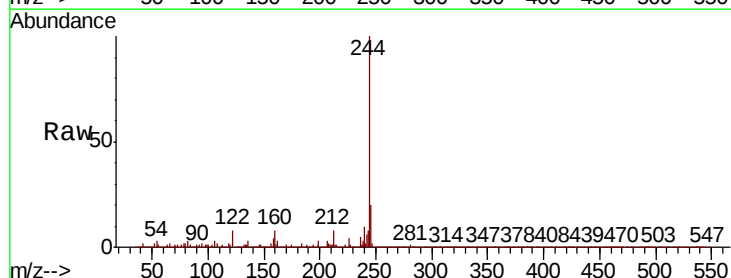
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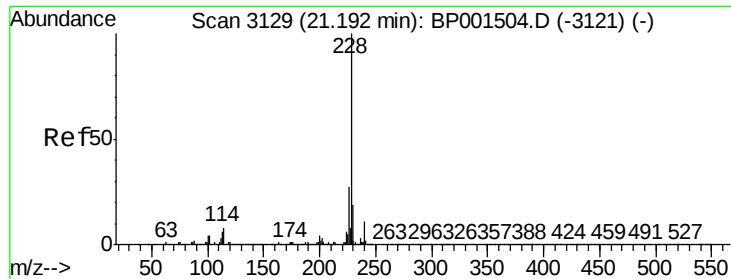
mohammad
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#79
Terphenyl-d14
Concen: 68.464 ng
RT: 19.68 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	7.8	7.8	11.6





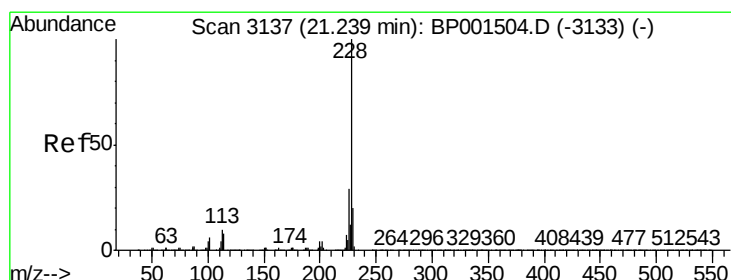
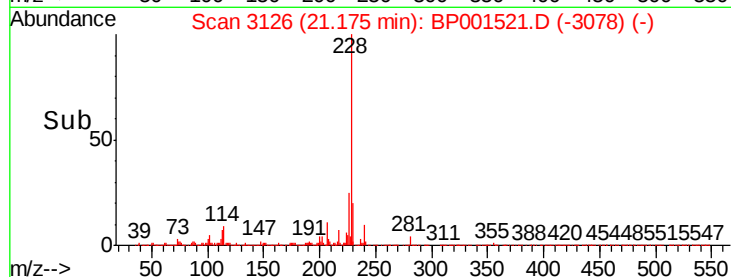
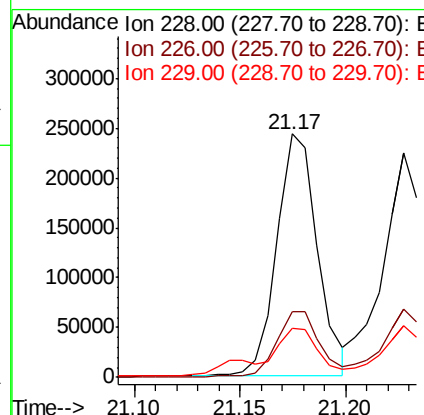
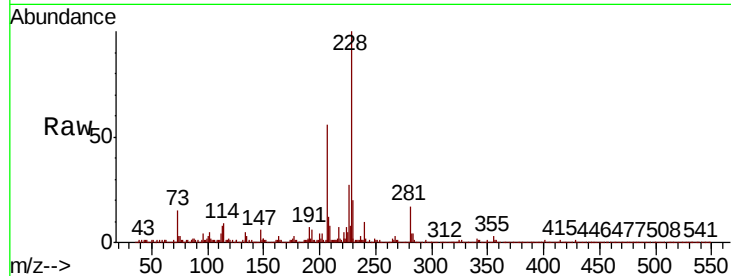
#81
Benzo(a)anthracene
Concen: 13.477 ng
RT: 21.17 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	20.4	15.4	23.2

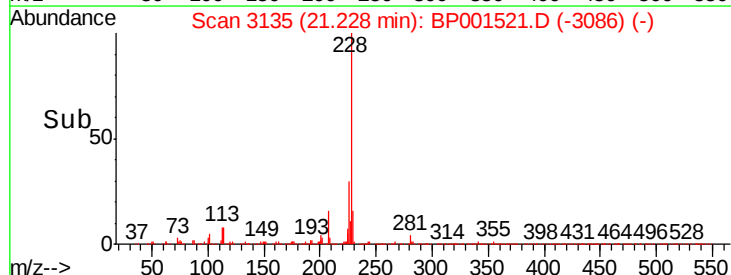
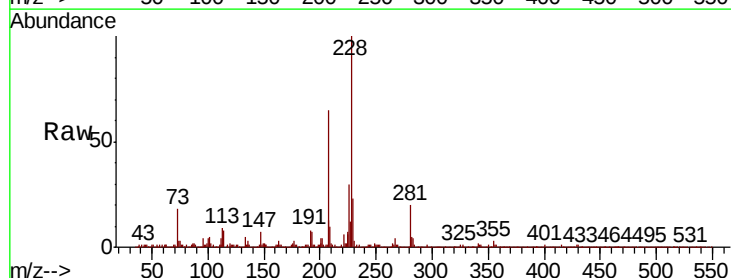
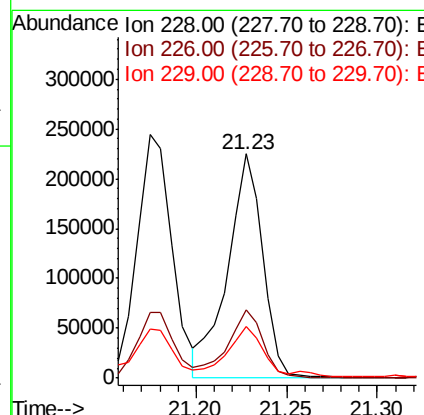
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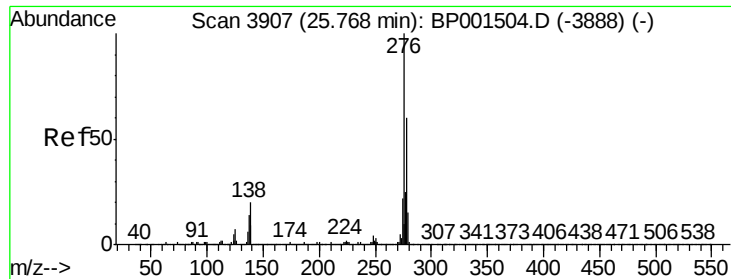
mohammad
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#83
Chrysene
Concen: 12.979 ng
RT: 21.23 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	23.1	15.7	23.5





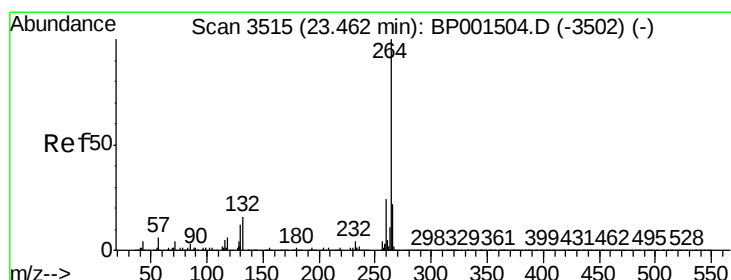
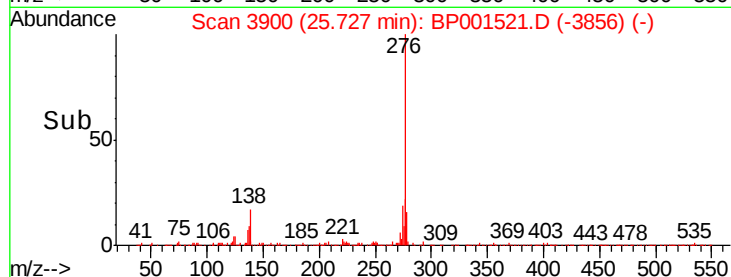
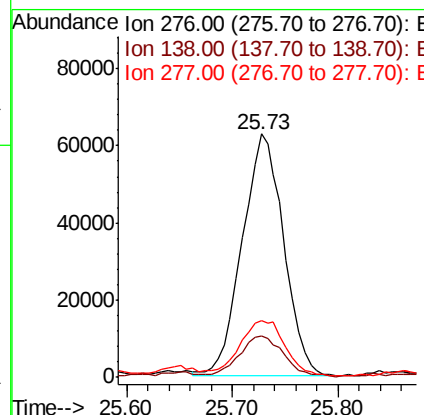
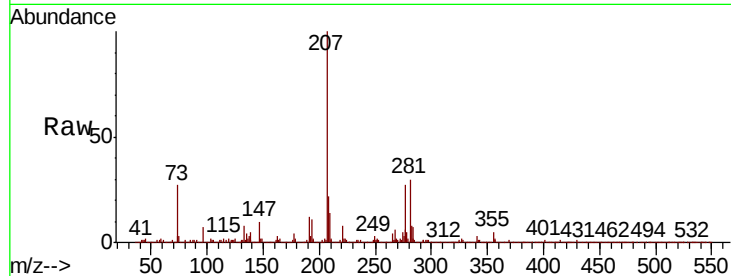
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.056 ng
RT: 25.73 min Scan# 3900
Delta R.T. -0.04 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.8	26.8#
277	25.1	20.0	30.0

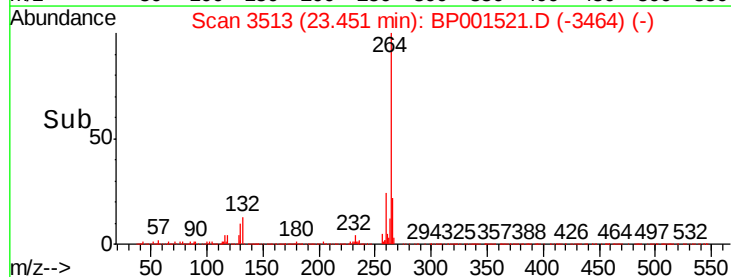
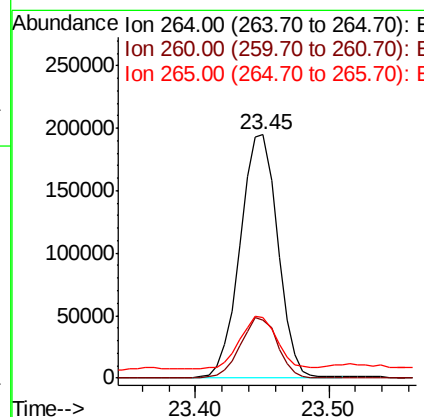
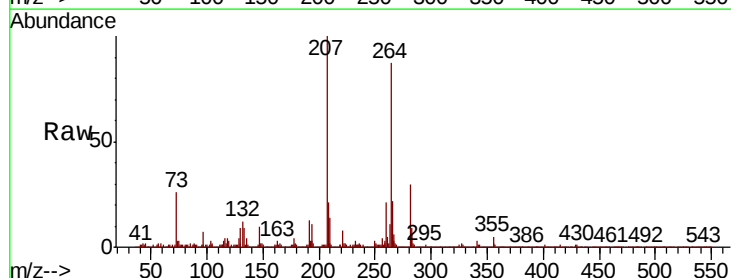
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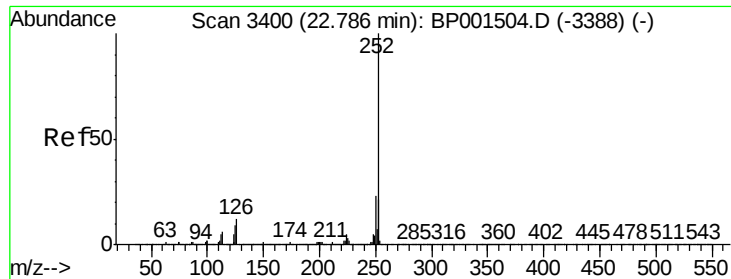
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	25.0	17.2	25.8





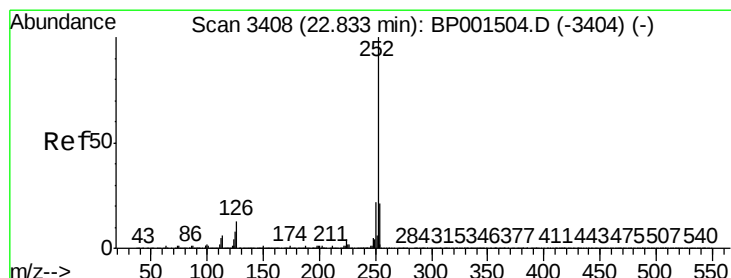
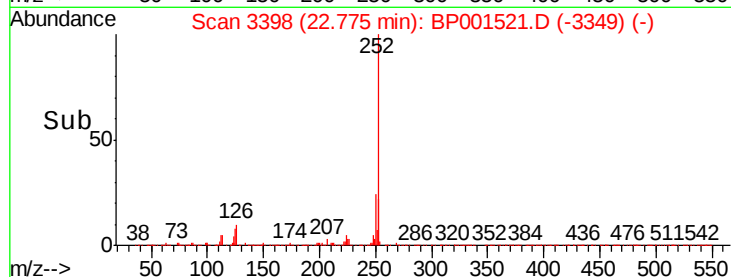
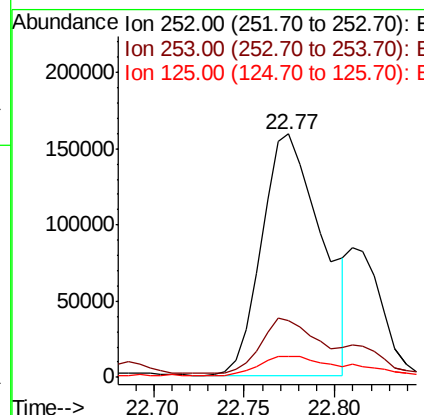
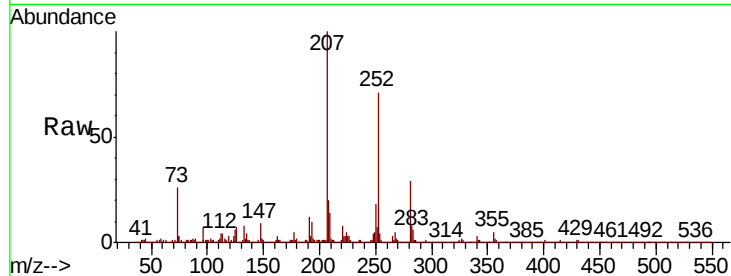
#88
Benzo(b)fluoranthene
Concen: 15.608 ng
RT: 22.77 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	8.5	7.2	10.8

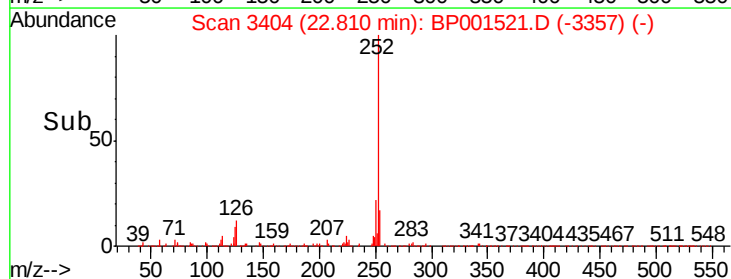
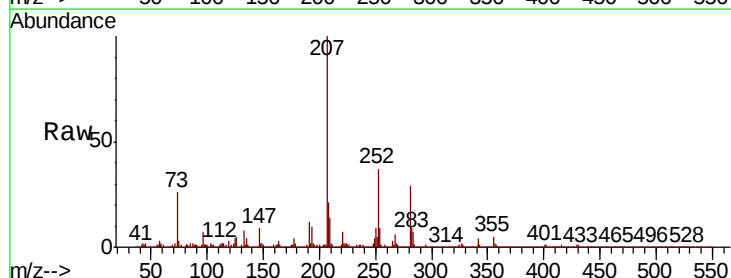
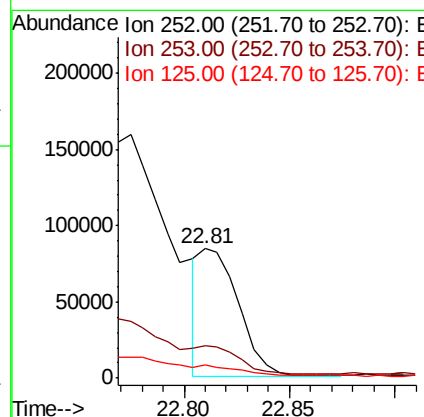
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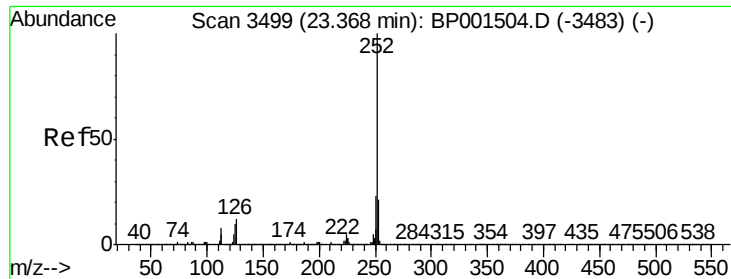
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#89
Benzo(k)fluoranthene
Concen: 4.780 ng m
RT: 22.81 min Scan# 3404
Delta R.T. -0.02 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	9.9	6.6	10.0





#90

Benzo(a)pyrene

Concen: 12.319 ng

RT: 23.35 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Instrument :

BNA_P

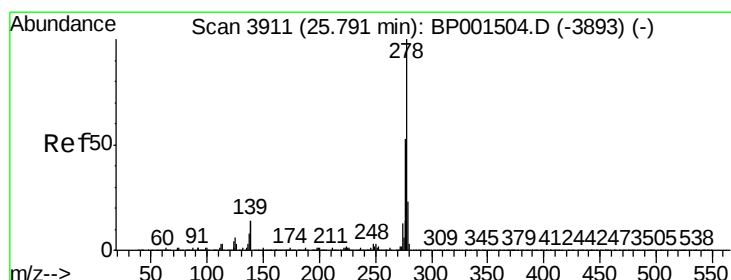
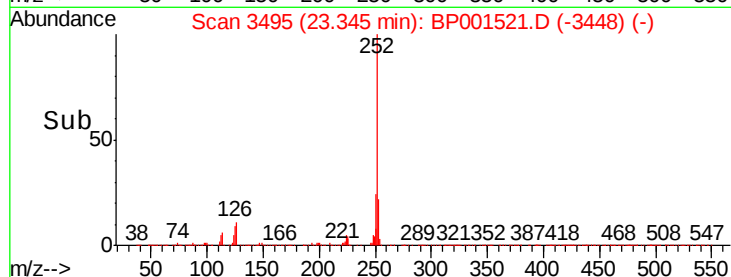
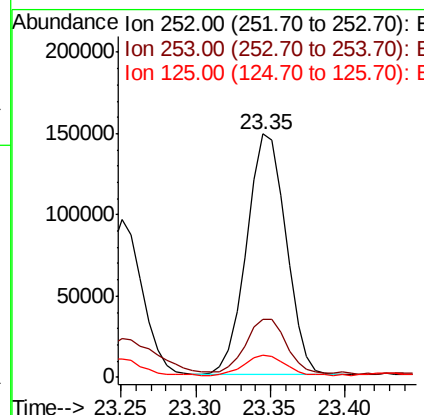
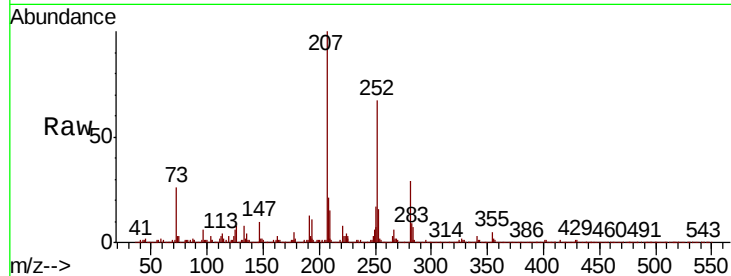
ClientSampleId :

MC-010220-0-2-COMP-B7

Tot Ion:	252	Resp:	270462
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	9.4	7.7	11.5

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#91

Dibenzo(a,h)anthracene

Concen: 2.133 ng

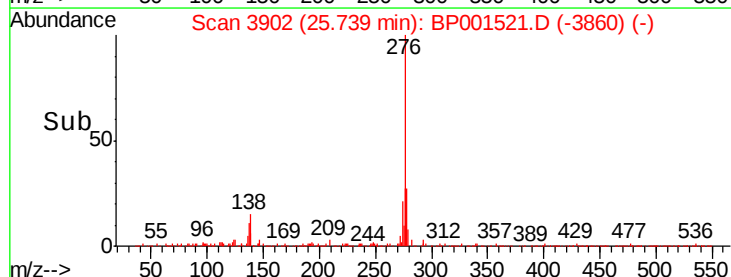
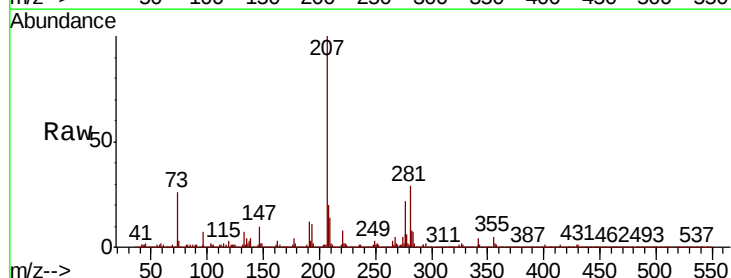
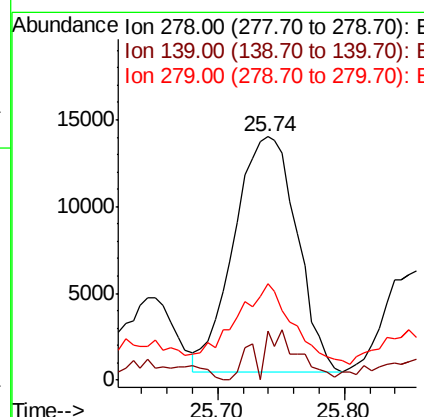
RT: 25.74 min Scan# 3902

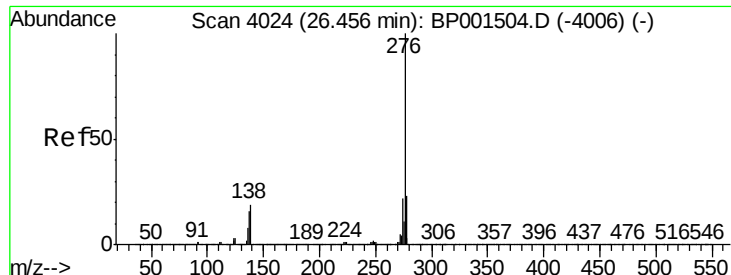
Delta R.T. -0.05 min

Lab File: BP001521.D

Acq: 03 Jan 2020 22:54

Tgt Ion:	278	Resp:	46540
Ion Ratio	Lower	Upper	
278	100		
139	20.3	11.3	16.9#
279	39.4	18.2	27.2#





#92
Benzo(a,h,i)perylene
Concen: 7.423 ng
RT: 26.42 min Scan# 4018
Delta R.T. -0.03 min
Lab File: BP001521.D
Acq: 03 Jan 2020 22:54

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B7

Tot Ion:	276	Resp:	161545
Ion Ratio		Lower	Upper
276	100		
277	24.4	18.7	28.1
138	17.1	15.0	22.4

Manual Integrations
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