

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001531.D
 Acq On : 06 Jan 2020 15:58
 Operator : JU
 Sample : L1028-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-BERGEN

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Quant Time: Jan 06 16:49:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	47616	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	177459	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	122836	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	262314	20.00	ng	0.00
76) Chrysene-d12	21.18	240	236382	20.00	ng	0.00
87) Perylene-d12	23.43	264	241371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	233283	82.31	ng	0.00
7) Phenol-d6	6.89	99	339573	88.95	ng	0.00
23) Nitrobenzene-d5	8.83	82	237305	66.05	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	151190	108.75	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	449326	53.79	ng	0.00
79) Terphenyl-d14	19.66	244	647038	54.55	ng	0.00
Target Compounds						
10) Phenol	6.91	94	9454	2.354	ng	85
50) Dimethylphthalate	13.79	163	28057	2.922	ng	# 99
71) Phenanthrene	17.12	178	151988	10.683	ng	98
72) Anthracene	17.21	178	41272	2.927	ng	99
75) Fluoranthene	19.10	202	326269	18.944	ng	99
78) Pyrene	19.45	202	294804	17.187	ng	98
81) Benzo(a)anthracene	21.16	228	172564	10.404	ng	98
83) Chrysene	21.22	228	155880	9.802	ng	97
86) Indeno(1,2,3-cd)pyrene	25.70	276	82108	4.242	ng	98
88) Benzo(b)fluoranthene	22.76	252	183956	12.309	ng	# 94
89) Benzo(k)fluoranthene	22.79	252	52872m	3.693	ng	
90) Benzo(a)pyrene	23.33	252	124762	8.918	ng	97
92) Benzo(a,h,i)perylene	26.39	276	78616	5.669	ng	98

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

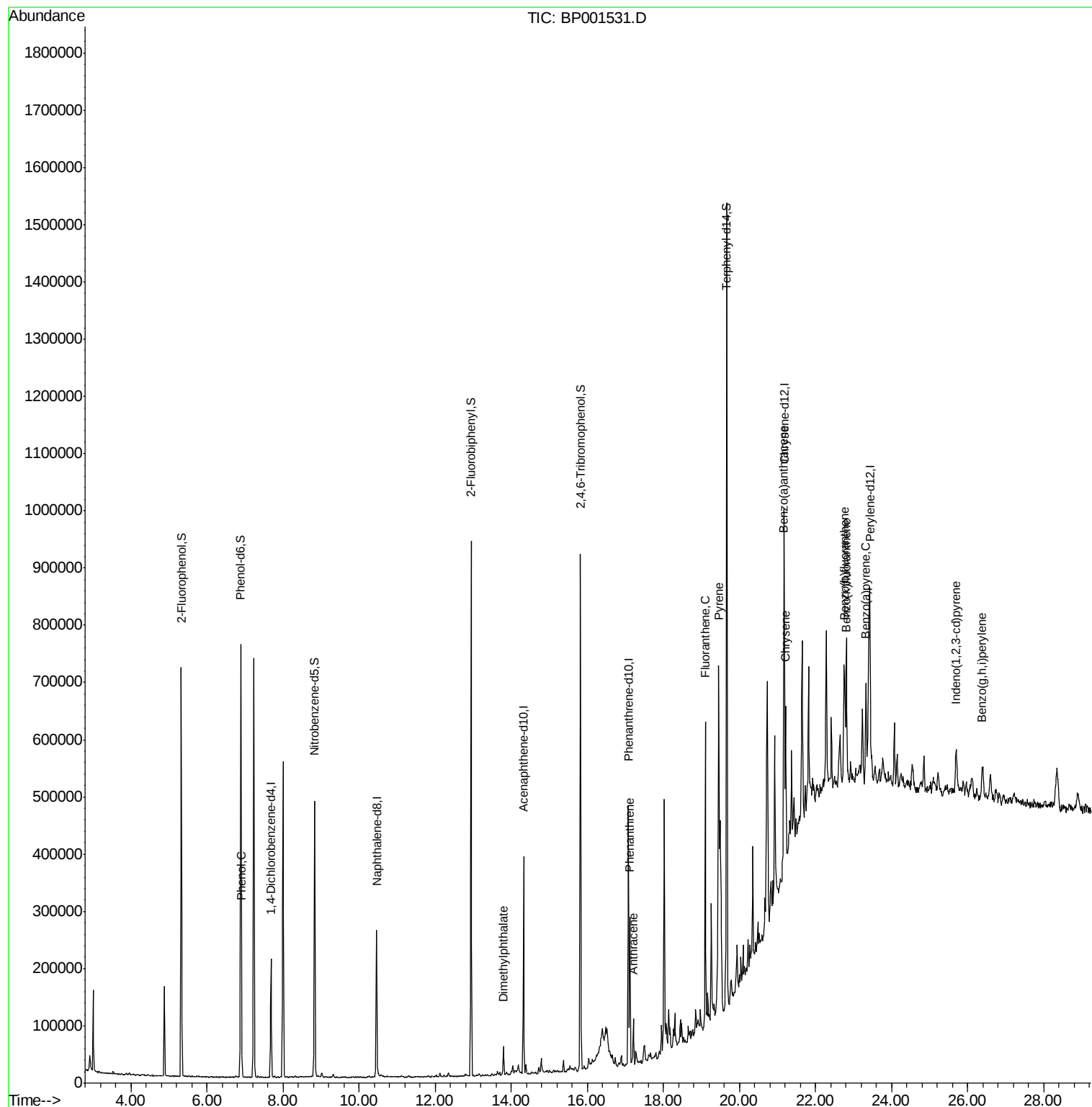
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Data File : BP001531.D
Acq On : 06 Jan 2020 15:58
Operator : JU
Sample : L1028-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

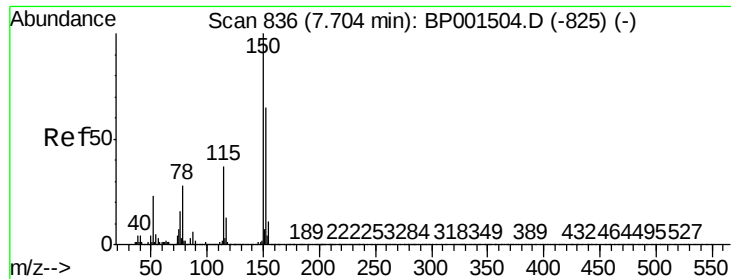
Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
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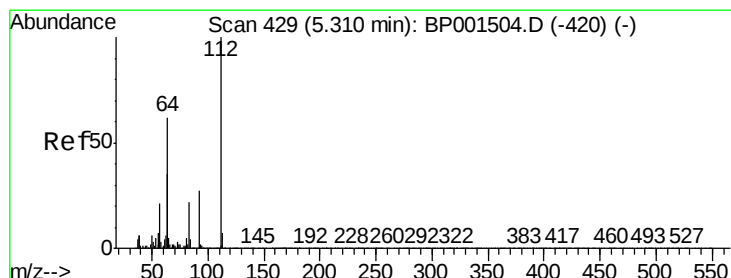
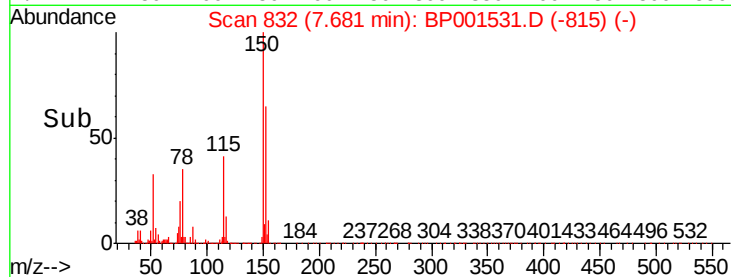
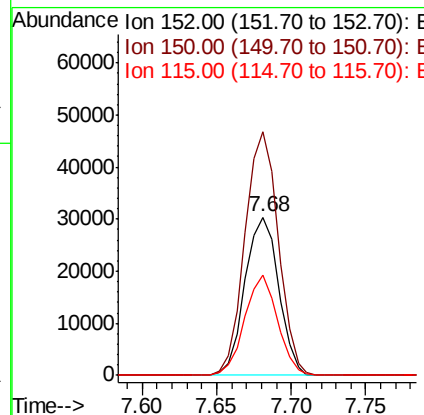
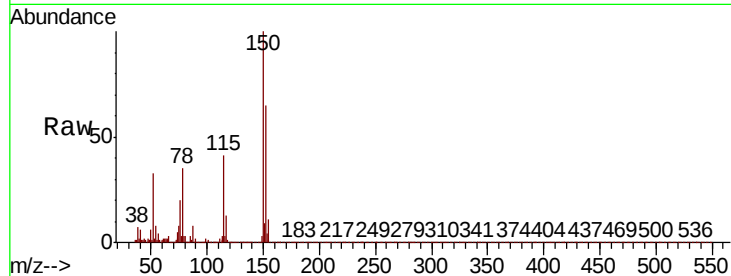
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BP001531.D
 Acq: 06 Jan 2020 15:58

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	117.9	176.9
115	63.4	50.3	75.5

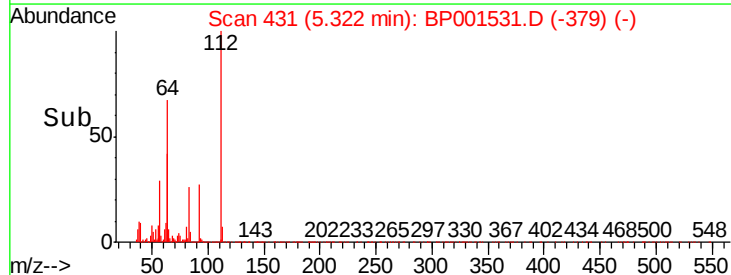
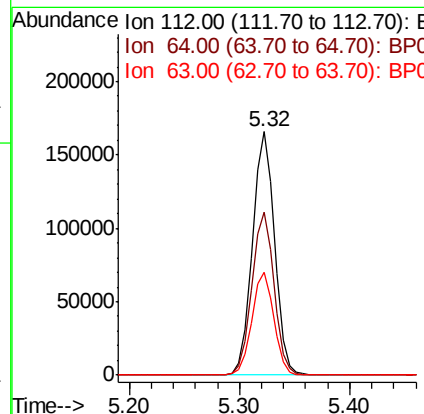
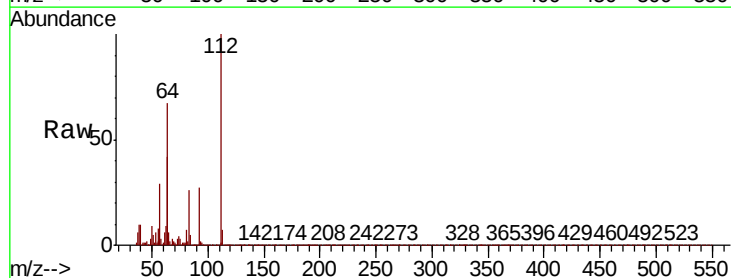
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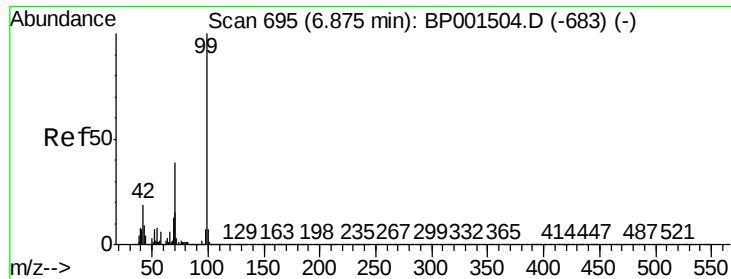
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#5
 2-Fluorophenol
 Concen: 82.308 ng
 RT: 5.32 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BP001531.D
 Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	52.6	79.0
63	42.2	32.6	48.8





#7

Phenol-d6

Concen: 88.951 ng

RT: 6.89 min Scan# 698

Delta R.T. 0.01 min

Lab File: BP001531.D

Acq: 06 Jan 2020 15:58

Instrument :

BNA_P

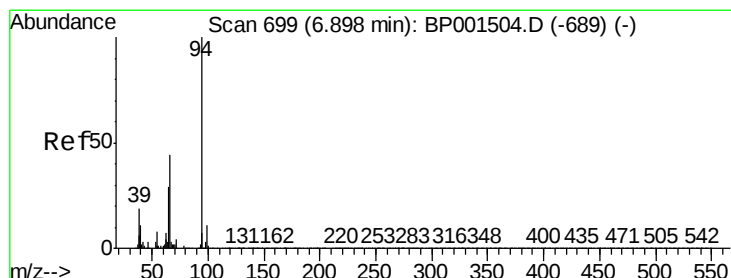
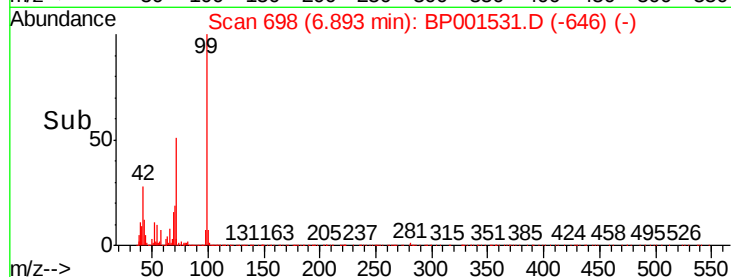
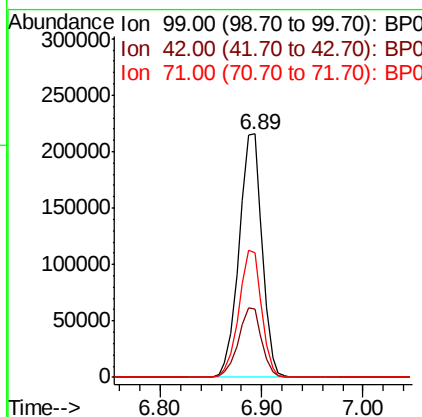
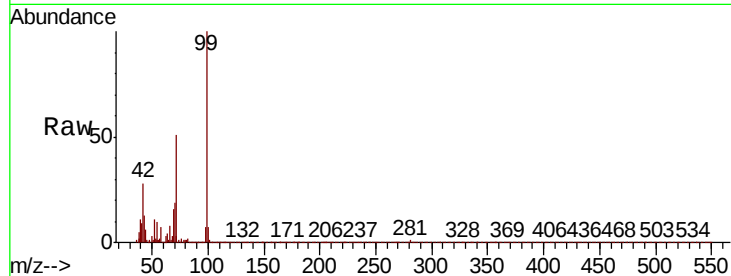
ClientSampleId :

NORTH-BERGEN

Tot Ion:	99	Resp:	339573
Ion Ratio	Lower	Upper	
99	100		
42	28.2	21.2	31.8
71	50.9	40.0	60.0

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#10

Phenol

Concen: 2.354 ng

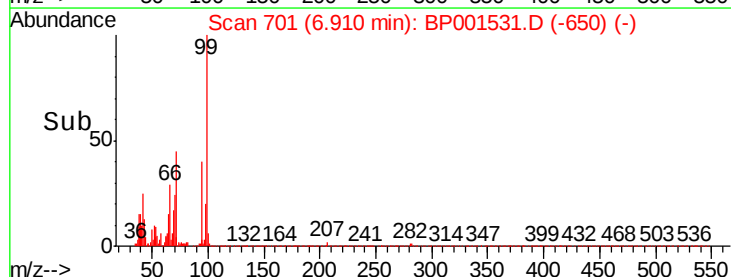
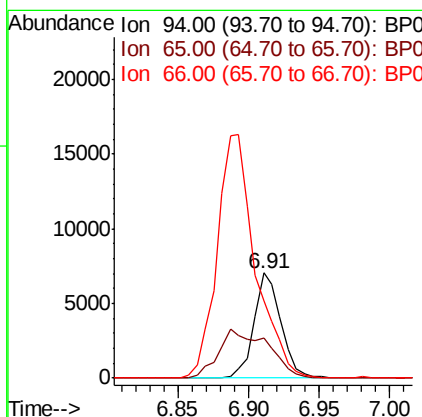
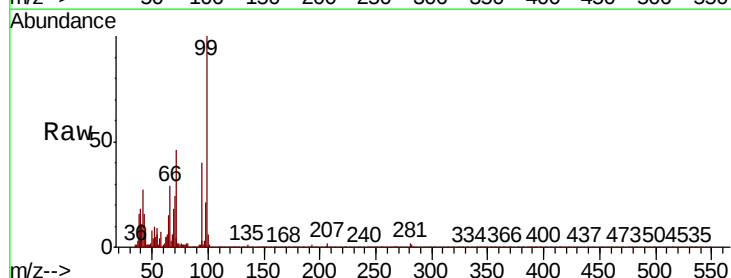
RT: 6.91 min Scan# 701

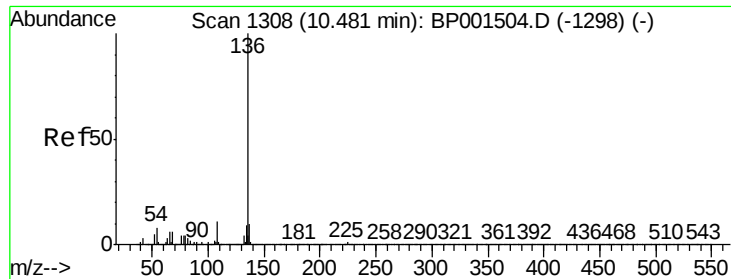
Delta R.T. -0.00 min

Lab File: BP001531.D

Acq: 06 Jan 2020 15:58

Tgt Ion:	94	Resp:	9454
Ion Ratio	Lower	Upper	
94	100		
65	38.2	15.7	55.7
66	73.3	37.8	77.8





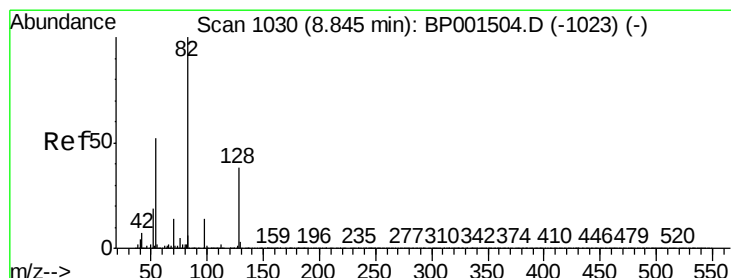
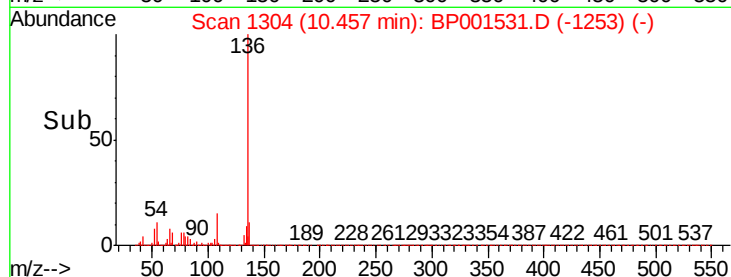
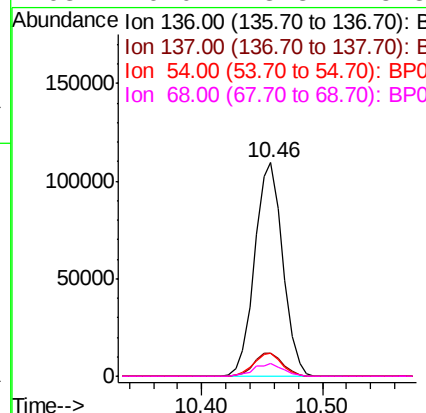
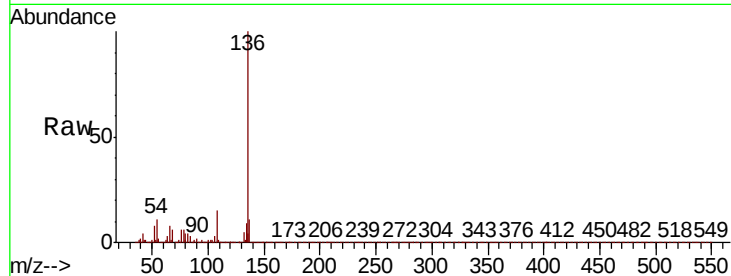
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.6	8.4	12.6
68	6.0	3.8	5.8#

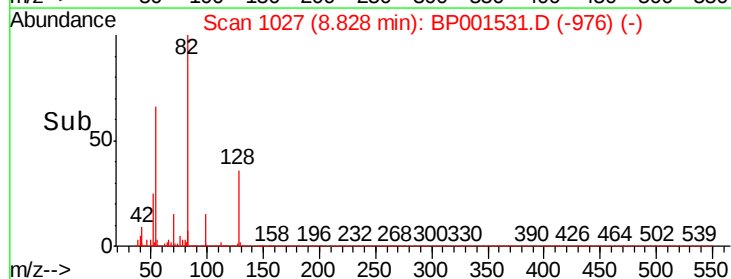
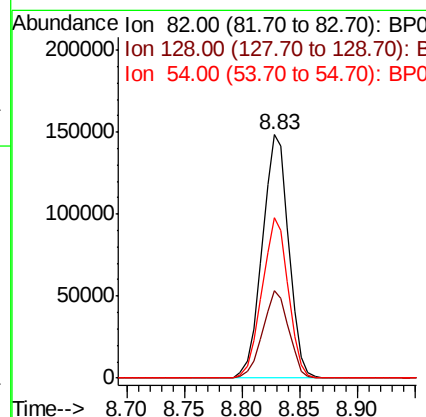
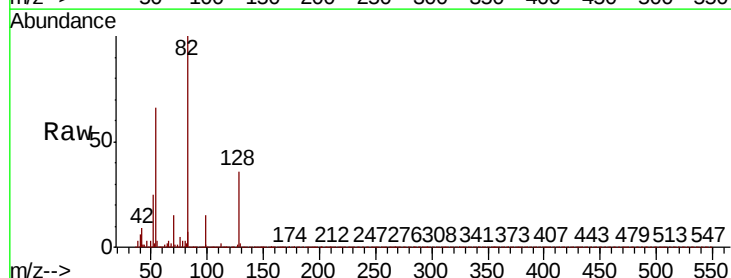
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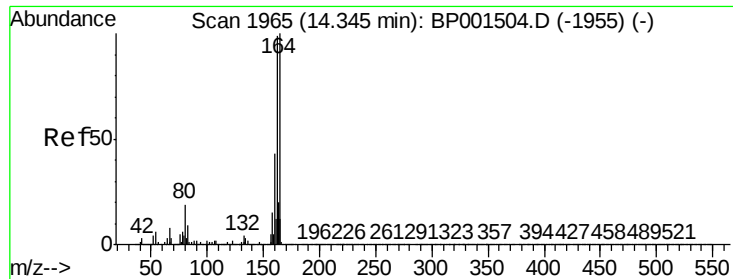
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#23
Nitrobenzene-d5
Concen: 66.049 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001531.D
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Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.9	26.9	40.3
54	66.1	51.8	77.8





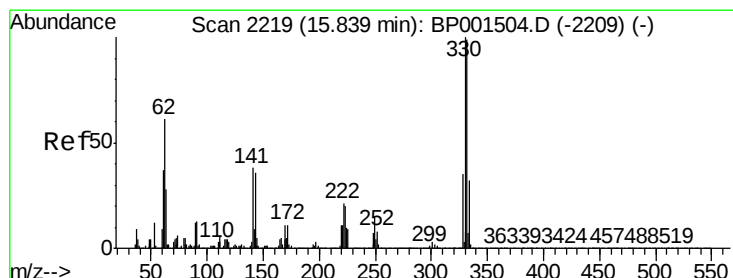
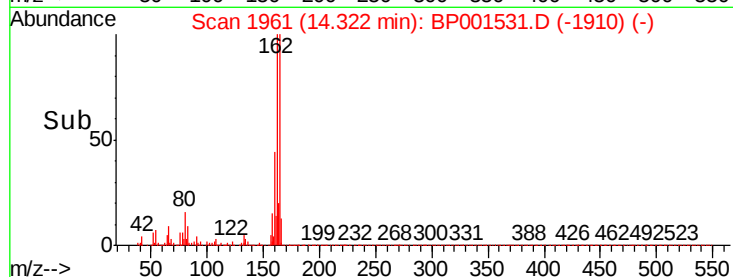
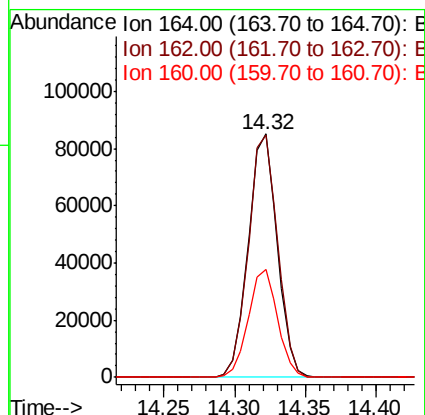
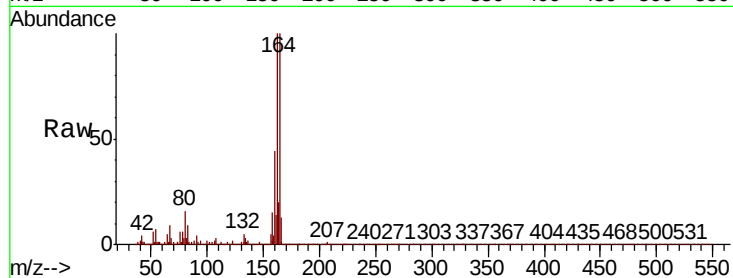
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.0	118.4
160	44.3	34.1	51.1

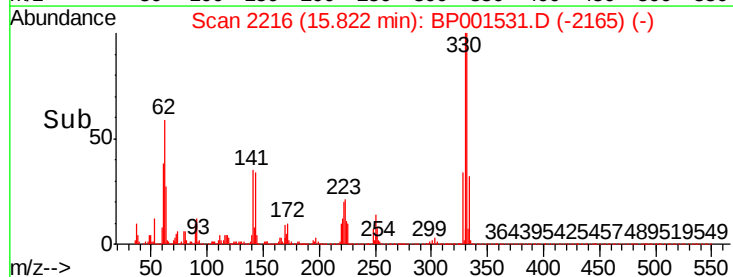
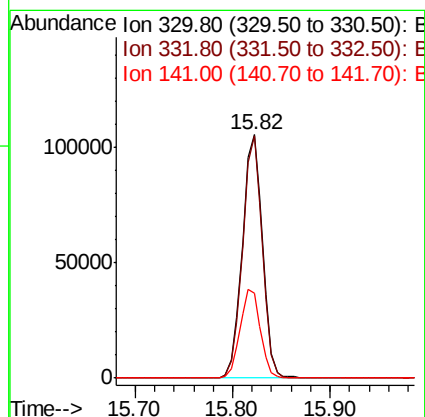
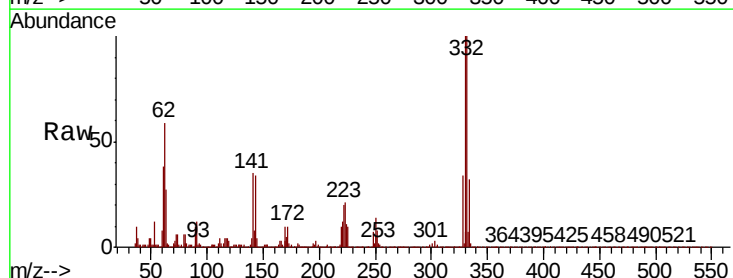
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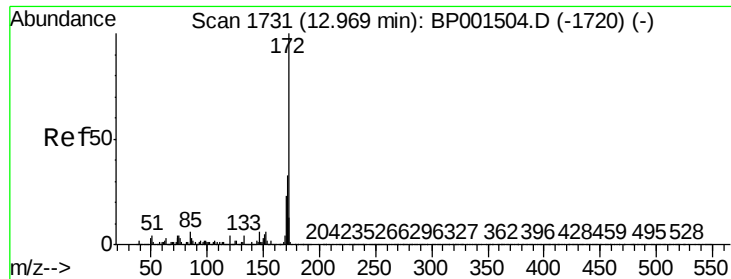
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#42
2,4,6-Tribromophenol
Concen: 108.752 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	36.7	28.7	43.1





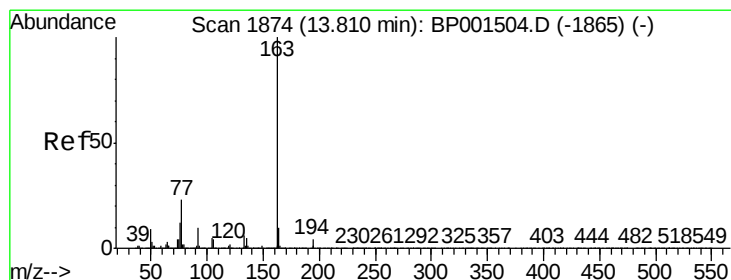
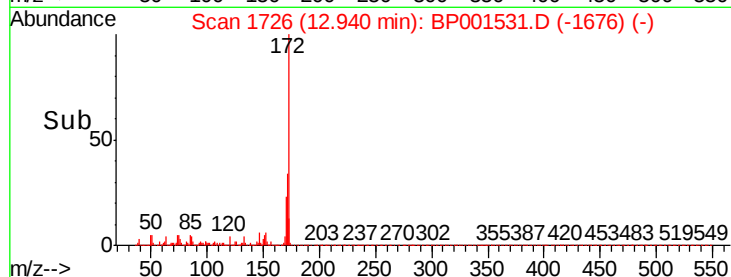
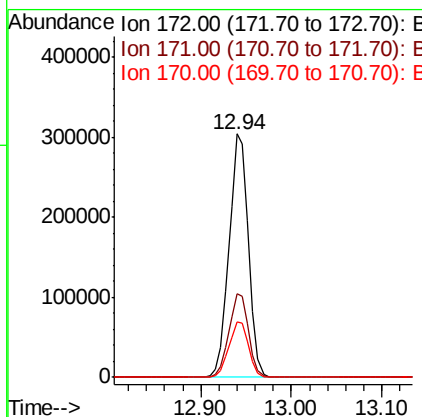
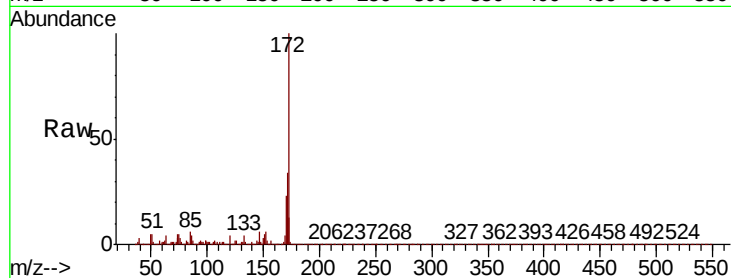
#45
2-Fluorobiphenyl
Concen: 53.786 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.0	42.0
170	23.0	18.6	27.8

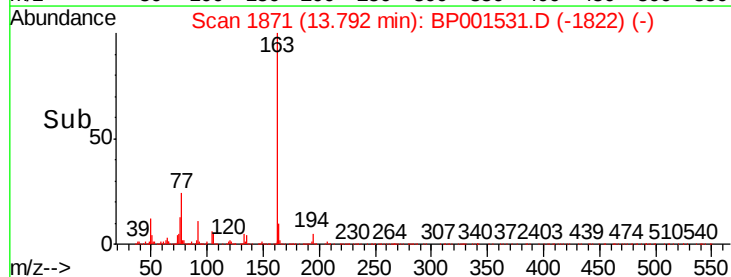
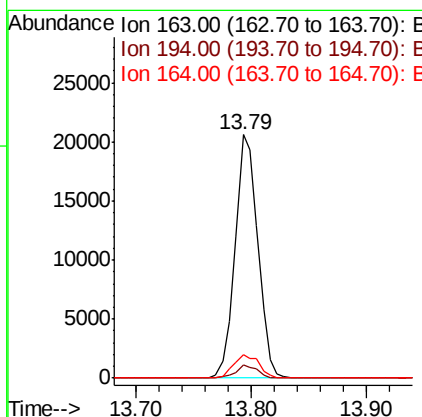
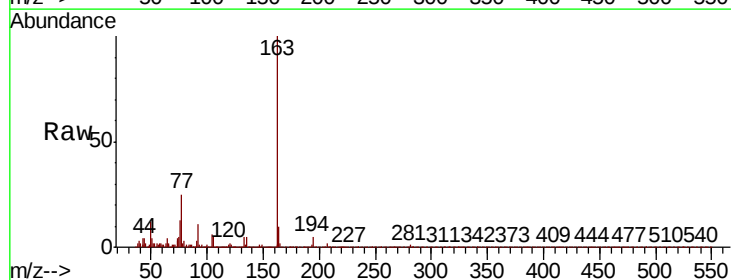
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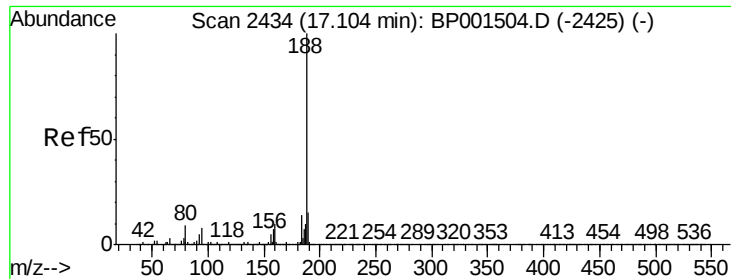
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#50
Dimethylphthalate
Concen: 2.922 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	9.9	7.9	11.9





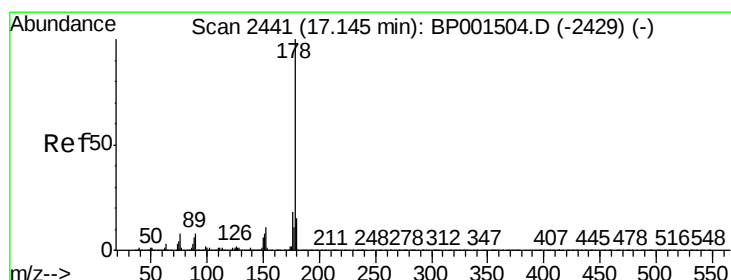
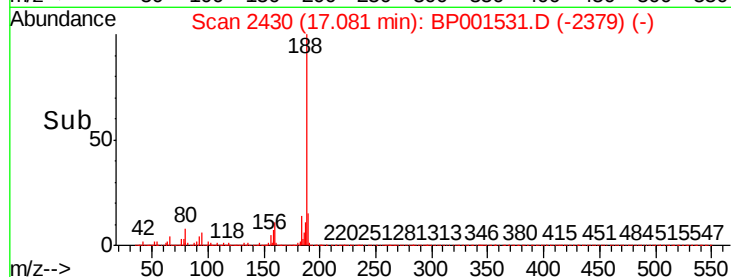
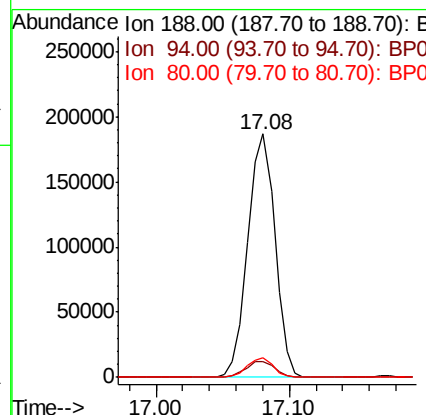
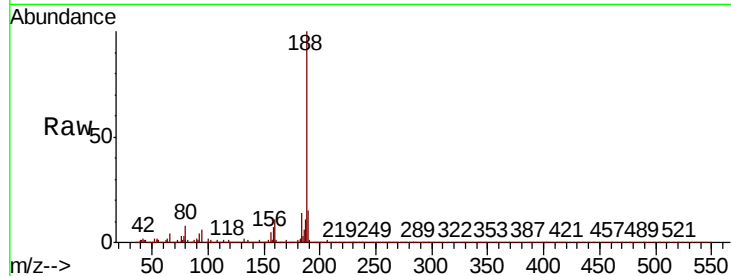
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		262314		
94	6.4	5.4	8.0		
80	8.0	6.3	9.5		

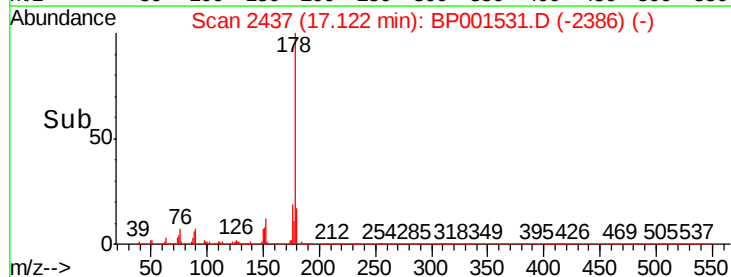
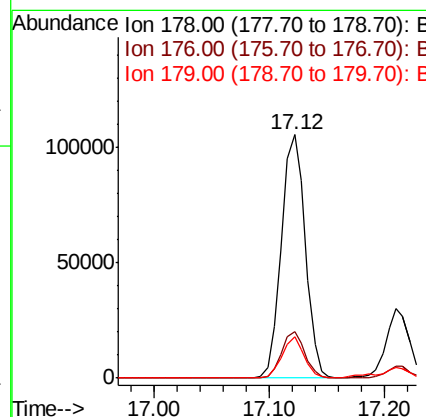
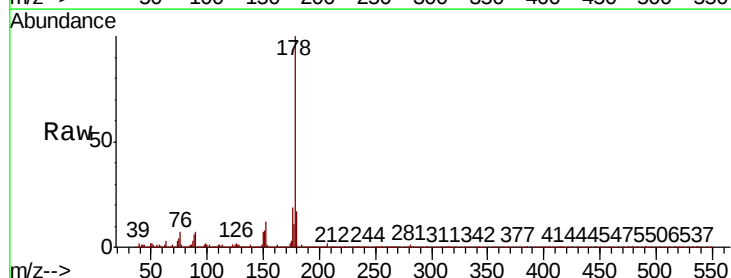
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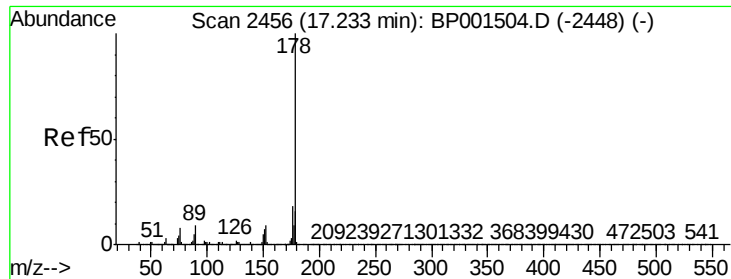
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#71
Phenanthrene
Concen: 10.683 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		151988		
176	19.0	15.1	22.7		
179	17.1	12.2	18.4		





#72

Anthracene

Concen: 2.927 ng

RT: 17.21 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BP001531.D

Acq: 06 Jan 2020 15:58

Instrument :

BNA_P

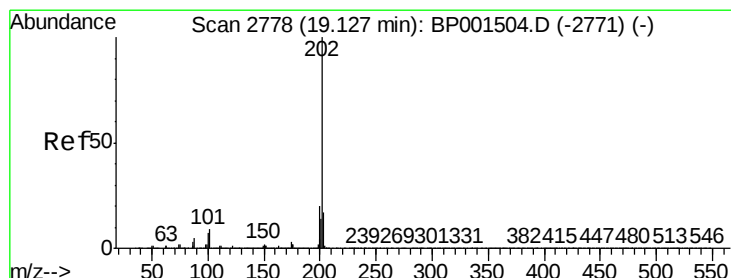
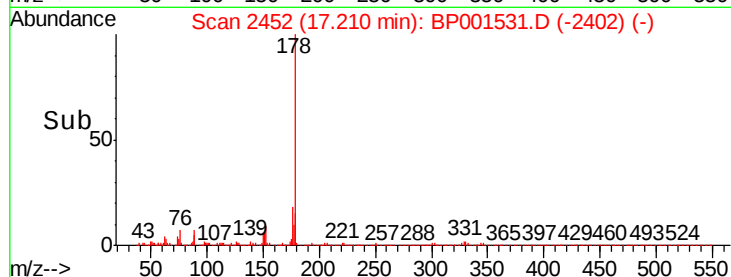
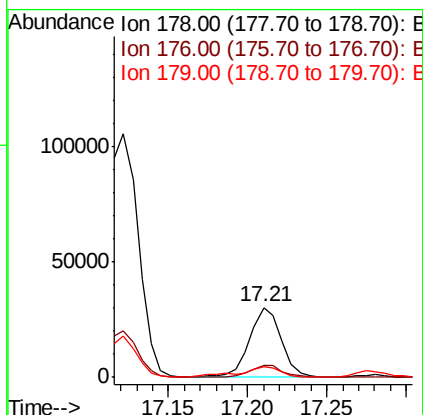
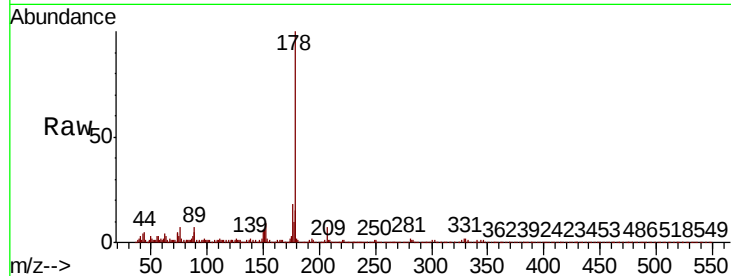
ClientSampleId :

NORTH-BERGEN

Tot Ion:	178	Resp:	41272
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.7	22.1
179	15.1	12.2	18.2

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#75

Fluoranthene

Concen: 18.944 ng

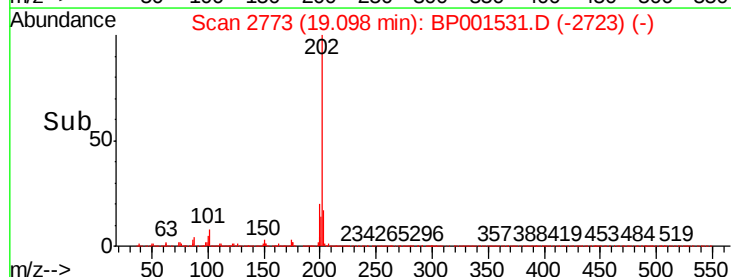
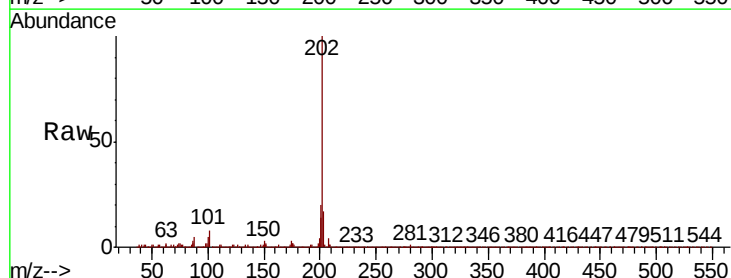
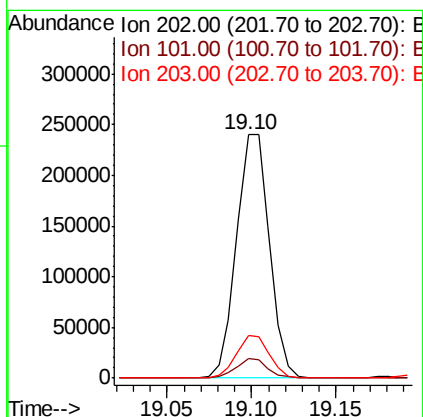
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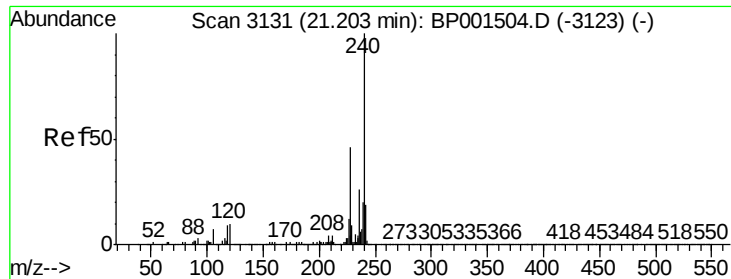
Delta R.T. -0.01 min

Lab File: BP001531.D

Acq: 06 Jan 2020 15:58

Tgt Ion:	202	Resp:	326269
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	27.1
203	17.4	0.0	37.6





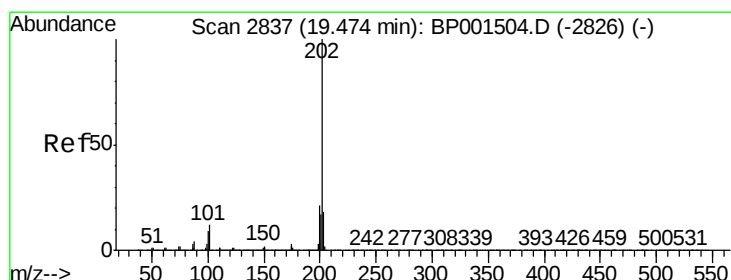
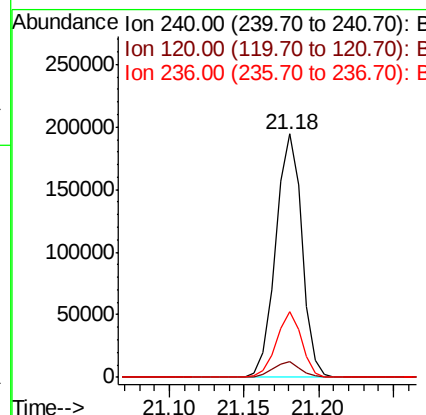
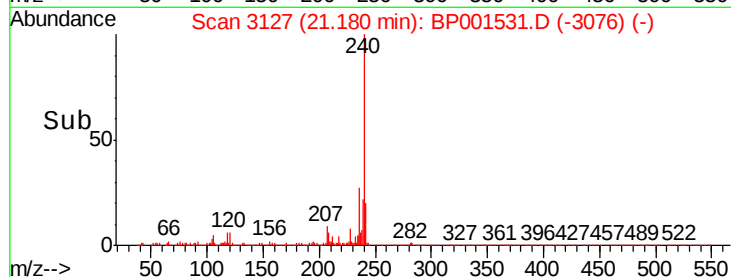
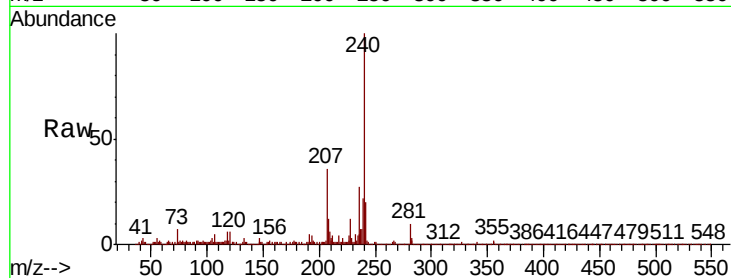
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleID :
NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.2	7.8
236	26.8	21.4	32.2

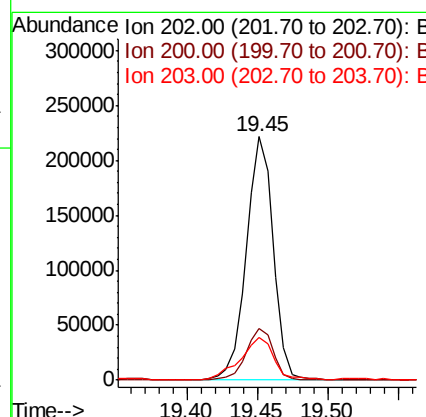
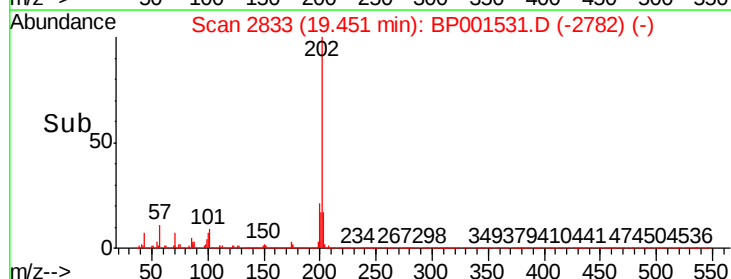
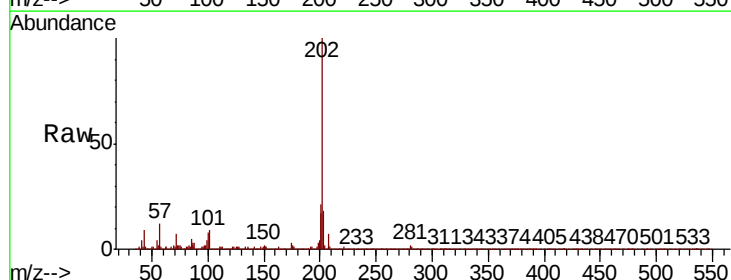
Manual Integrations
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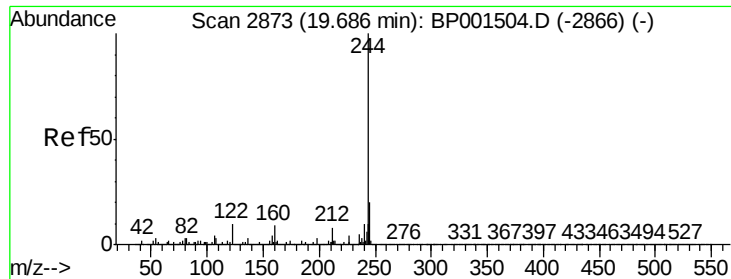
mohammad
1/7/2020 12:31:21 PM



#78
Pyrene
Concen: 17.187 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.2	24.4
203	17.6	13.6	20.4





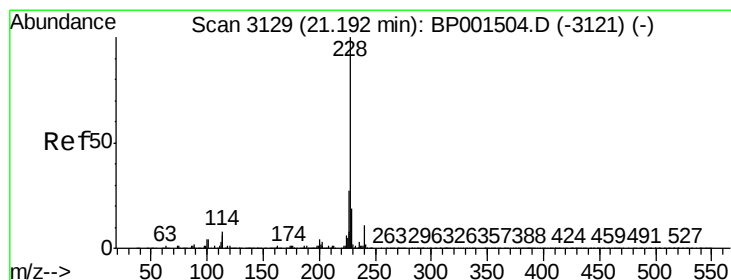
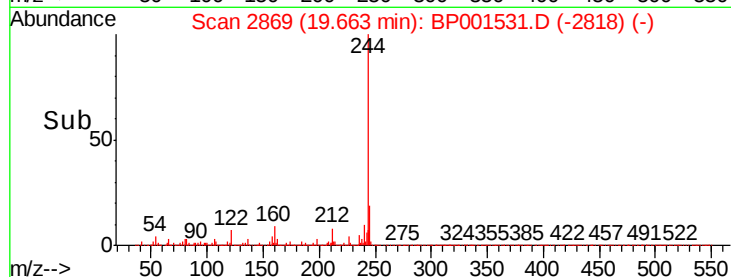
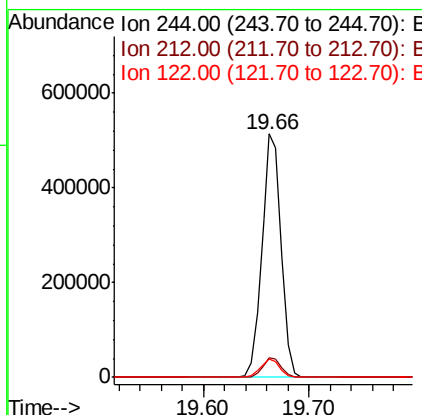
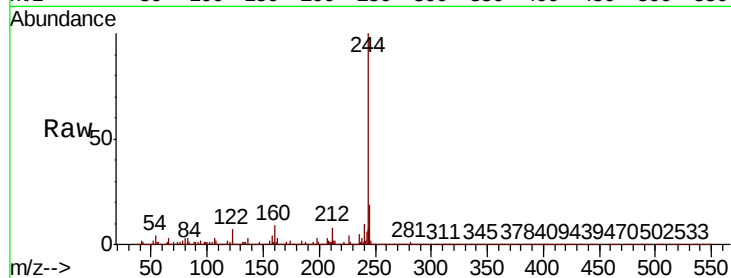
#79
 Terphenyl-d14
 Concen: 54.550 ng
 RT: 19.66 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: BP001531.D
 Acq: 06 Jan 2020 15:58

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.7	10.1
122	7.4	6.0	9.0

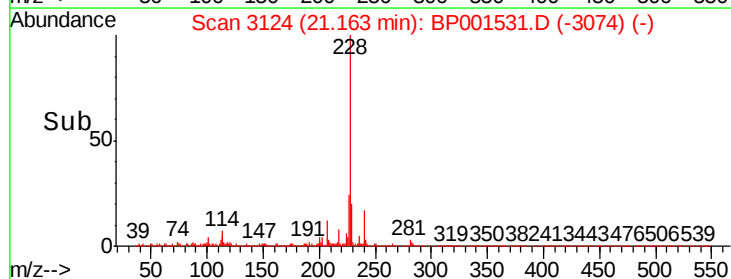
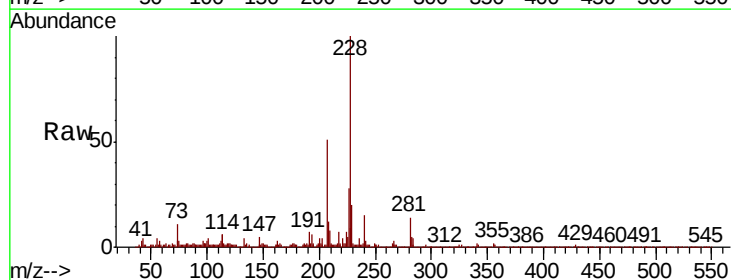
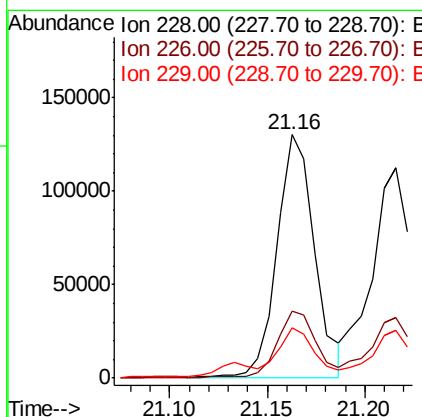
Manual Integrations
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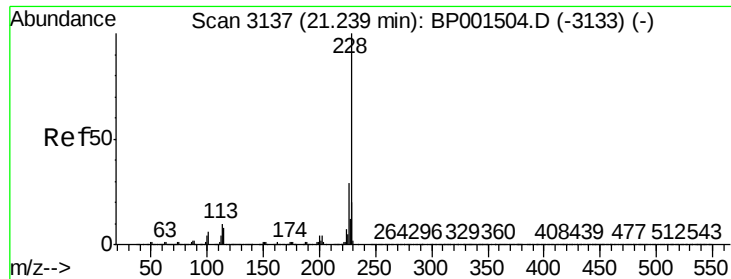
mohammad
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#81
 Benzo(a)anthracene
 Concen: 10.404 ng
 RT: 21.16 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BP001531.D
 Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.2
229	20.5	15.5	23.3





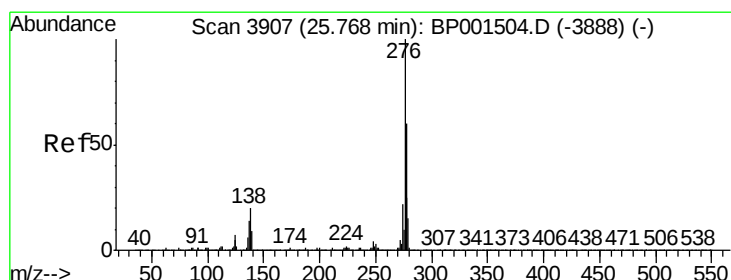
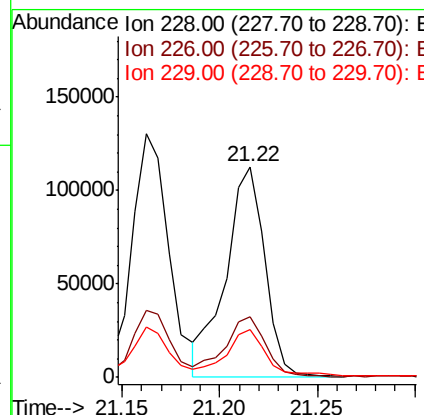
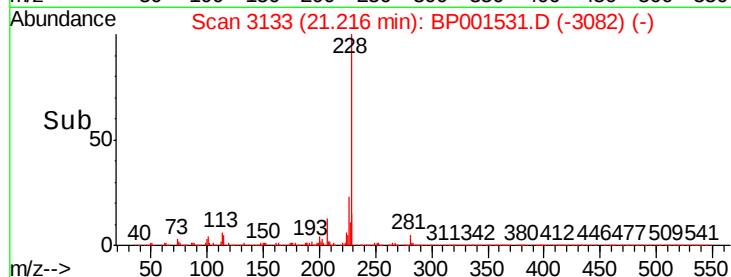
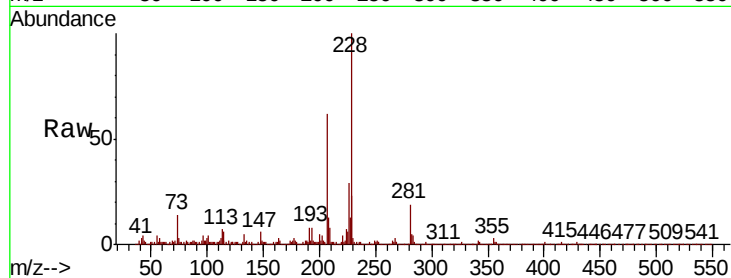
#83
Chrysene
Concen: 9.802 ng
RT: 21.22 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.1	34.7
229	22.8	15.6	23.4

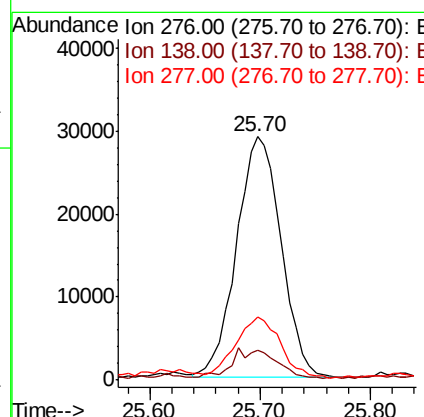
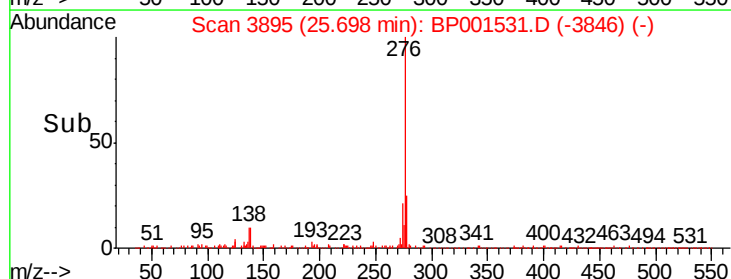
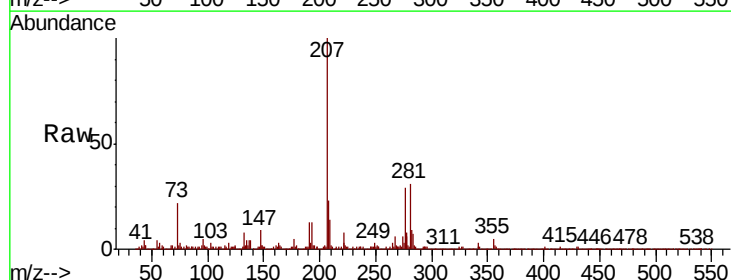
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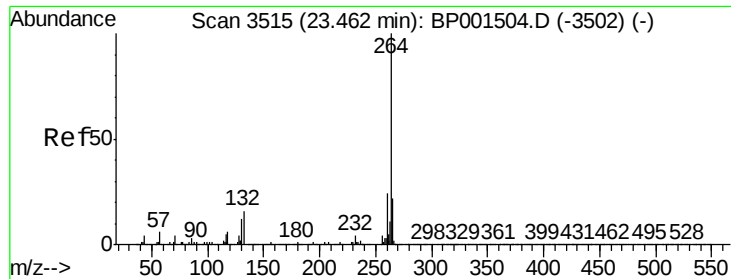
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.242 ng
RT: 25.70 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	11.0	16.6
277	25.3	20.1	30.1





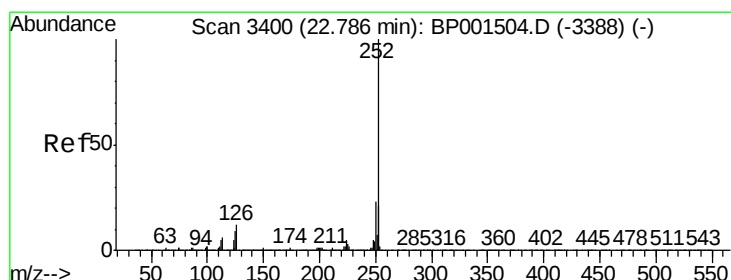
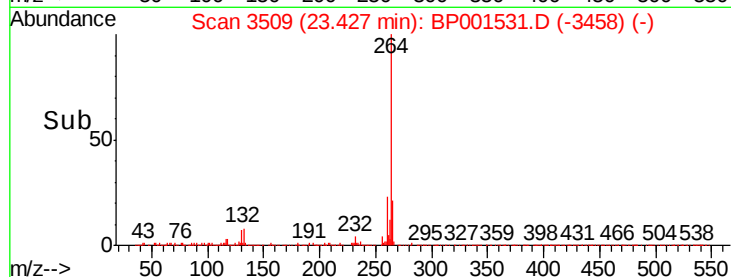
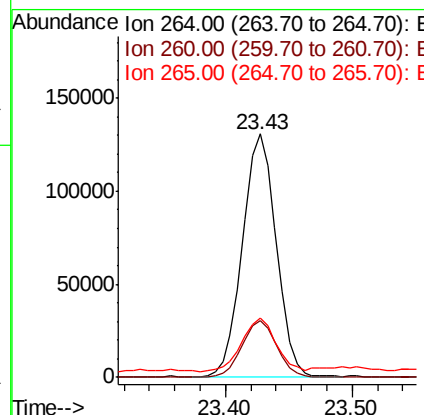
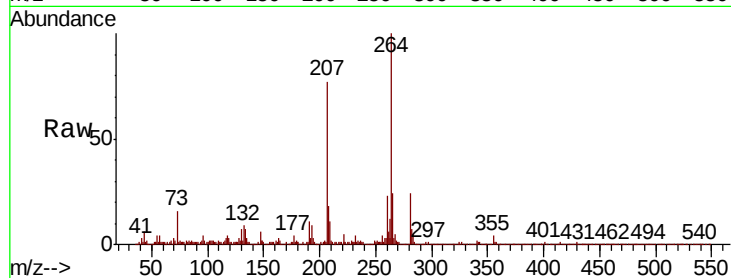
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	24.4	19.0	28.4

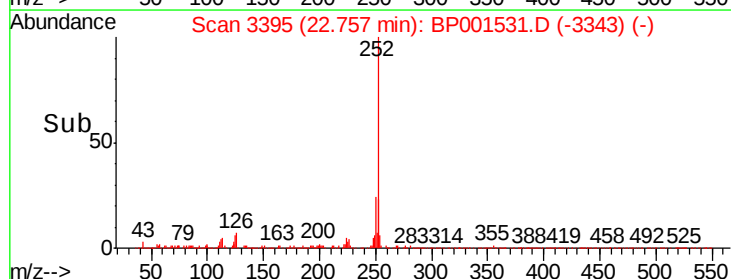
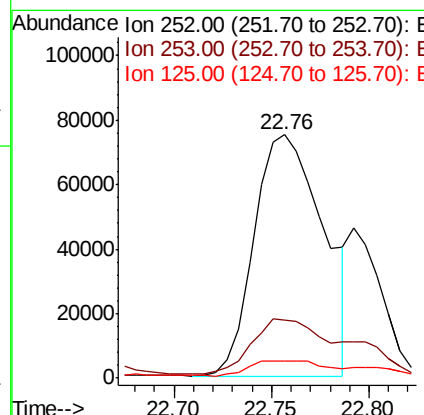
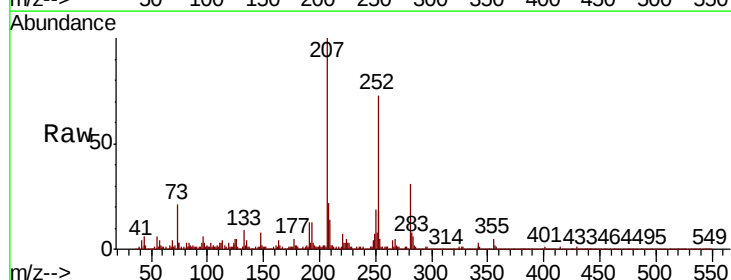
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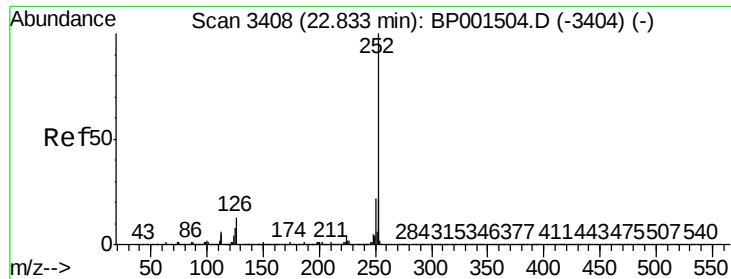
mohammad
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#88
Benzo(b)fluoranthene
Concen: 12.309 ng
RT: 22.76 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.7	25.1
125	7.1	4.2	6.2#





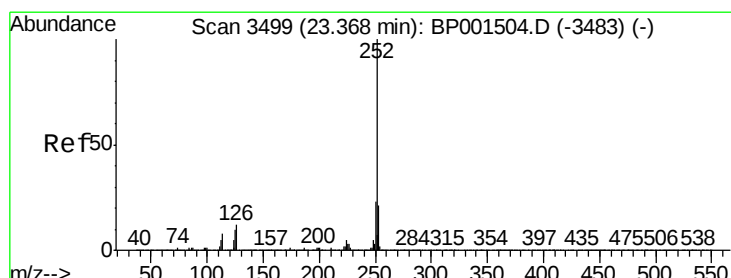
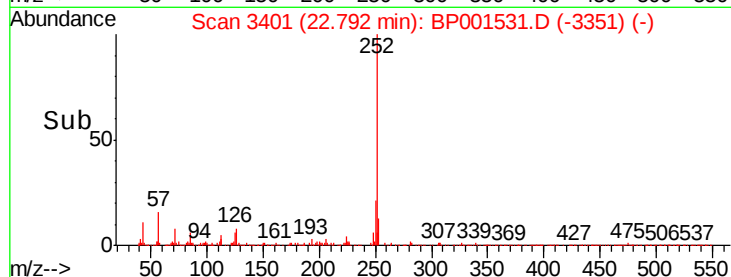
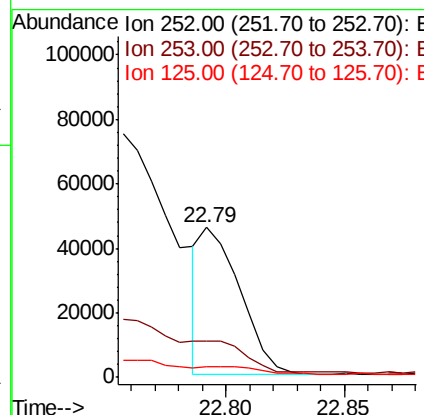
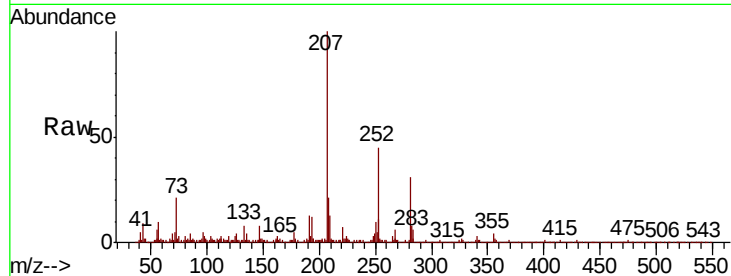
#89
Benzo(k)fluoranthene
Concen: 3.693 ng m
RT: 22.79 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NORTH-BERGEN

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	7.4	4.8	7.2#

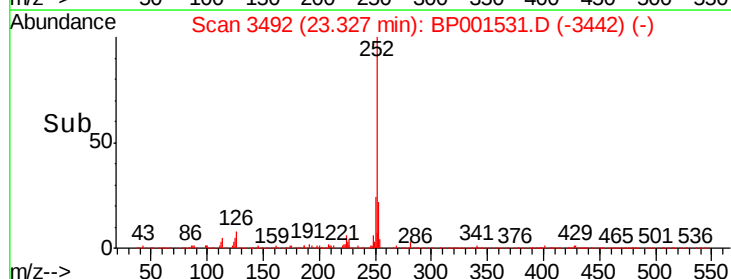
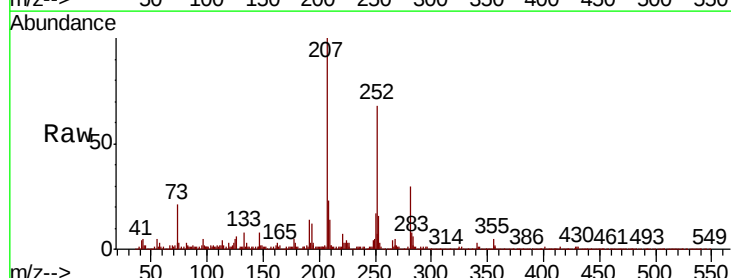
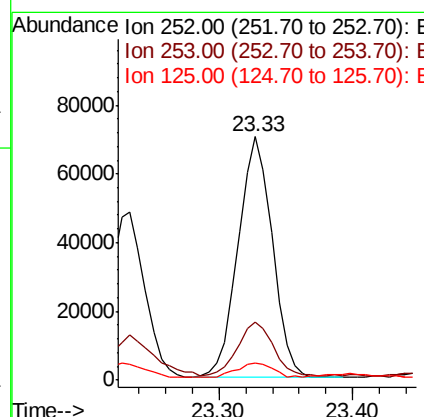
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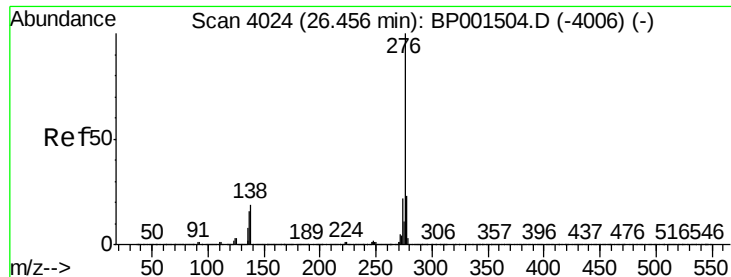
mohammad
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#90
Benzo(a)pyrene
Concen: 8.918 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001531.D
Acq: 06 Jan 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	6.8	4.6	6.8





#92

Benzo(a,h,i)perylene

Concen: 5.669 ng

RT: 26.39 min Scan# 4012

Delta R.T. -0.01 min

Lab File: BP001531.D

Acq: 06 Jan 2020 15:58

Instrument :

BNA_P

ClientSampleId :

NORTH-BERGEN

Tot Ion:	276	Resp:	78616
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.9	28.3
138	12.1	10.1	15.1

Manual Integrations
APPROVED

mohammad
1/7/2020 12:31:21 PM

