

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001542.D
 Acq On : 06 Jan 2020 22:08
 Operator : JU
 Sample : L1009-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-010220

Manual Integrations
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Quant Time: Jan 07 03:46:26 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	54299	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	204950	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	133221	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	282210	20.00	ng	0.00
76) Chrysene-d12	21.18	240	224131	20.00	ng	0.00
87) Perylene-d12	23.43	264	235115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	271791	84.09	ng	0.00
7) Phenol-d6	6.89	99	395102	90.76	ng	0.00
23) Nitrobenzene-d5	8.83	82	271058	65.32	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	159655	105.89	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	557103	61.49	ng	0.00
79) Terphenyl-d14	19.67	244	720055	64.02	ng	0.00
Target Compounds						
10) Phenol	6.91	94	11438	2.498	ng	96
50) Dimethylphthalate	13.79	163	30947	2.972	ng	98
71) Phenanthrene	17.12	178	110255	7.203	ng	100
72) Anthracene	17.21	178	43677	2.879	ng	100
75) Fluoranthene	19.10	202	294992	15.920	ng	99
78) Pyrene	19.46	202	292925	18.010	ng	99
81) Benzo(a)anthracene	21.17	228	186710	11.872	ng	95
83) Chrysene	21.22	228	163009	10.810	ng	97
86) Indeno(1,2,3-cd)pyrene	25.70	276	83694	4.560	ng	97
88) Benzo(b)fluoranthene	22.76	252	199669	13.716	ng	# 95
89) Benzo(k)fluoranthene	22.80	252	70656m	5.067	ng	
90) Benzo(a)pyrene	23.33	252	146456	10.747	ng	# 95
92) Benzo(a,h,i)perylene	26.39	276	76401	5.656	ng	99

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

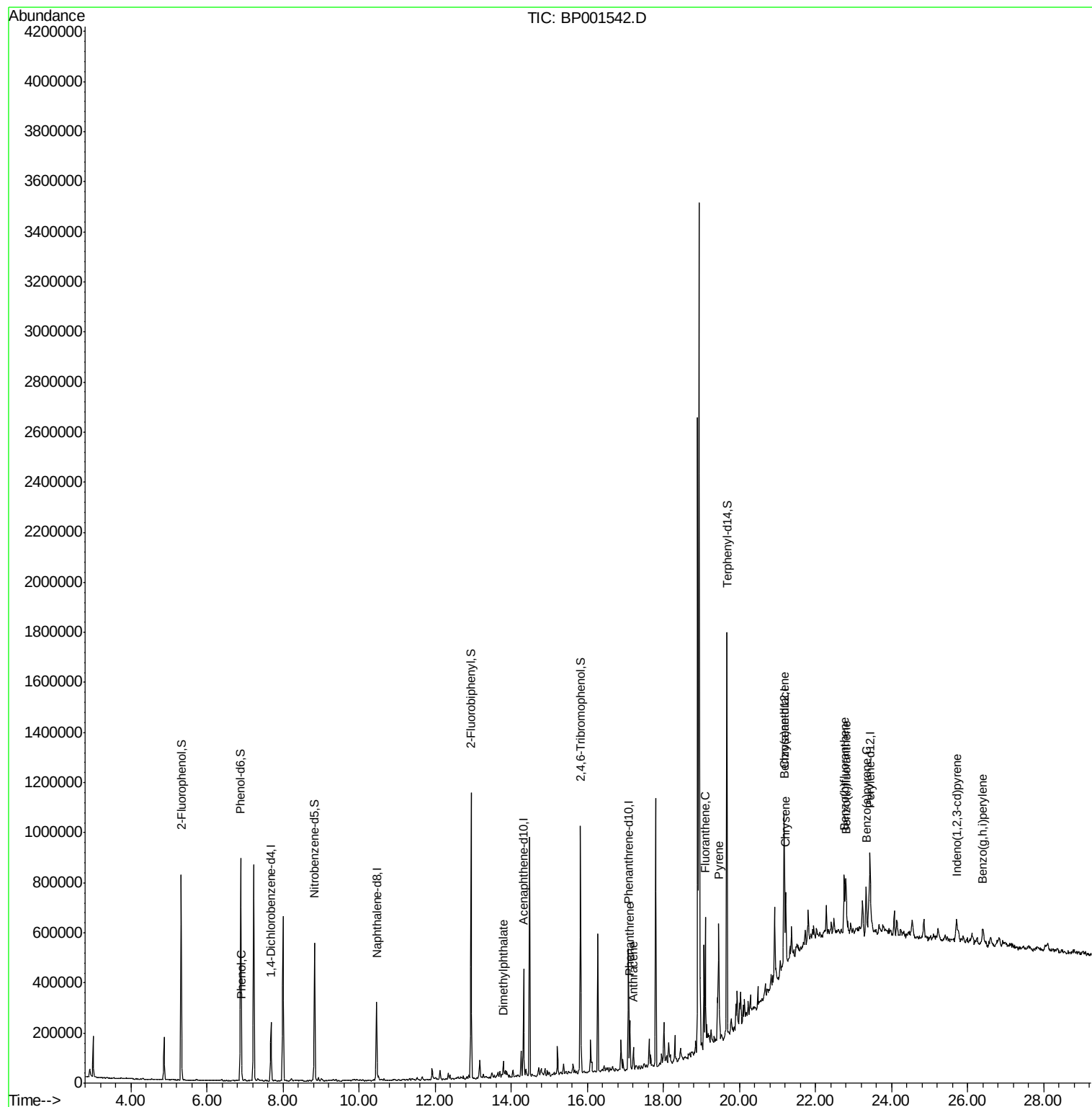
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

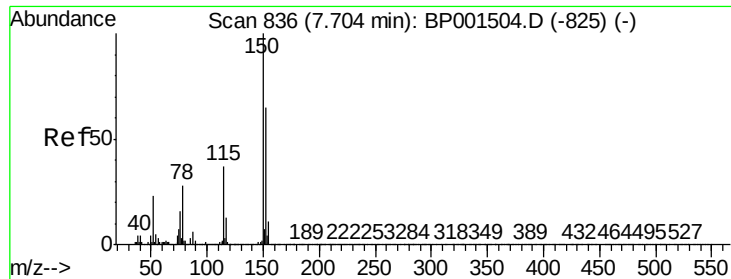
Instrument :
BNA_P
ClientSampleId :
NB-08-010220

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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

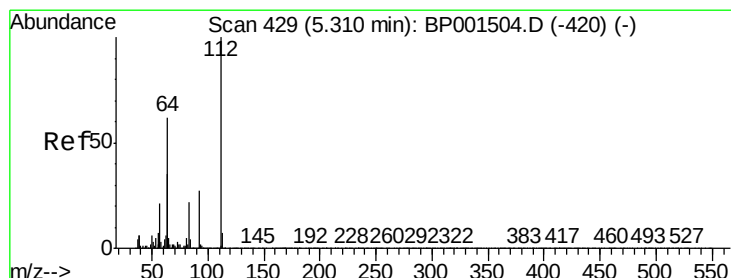
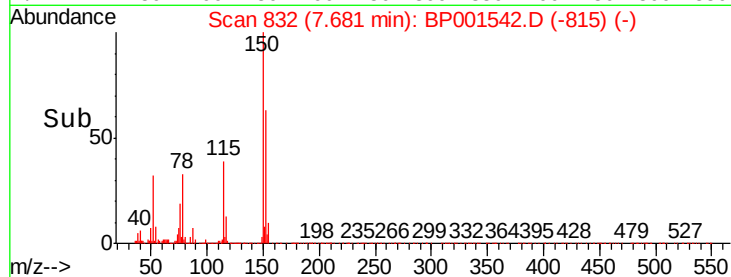
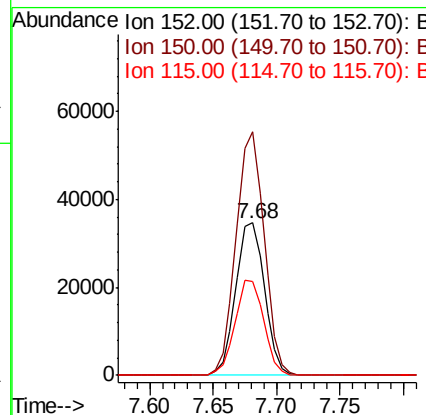
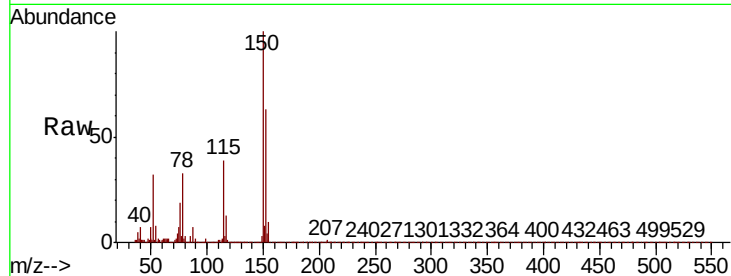
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	117.9	176.9
115	61.8	50.3	75.5

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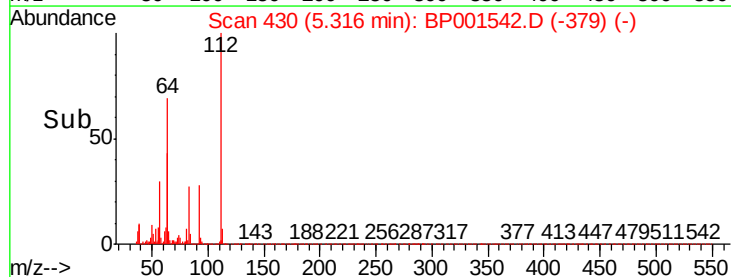
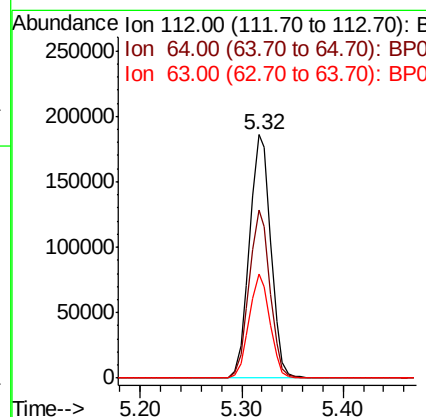
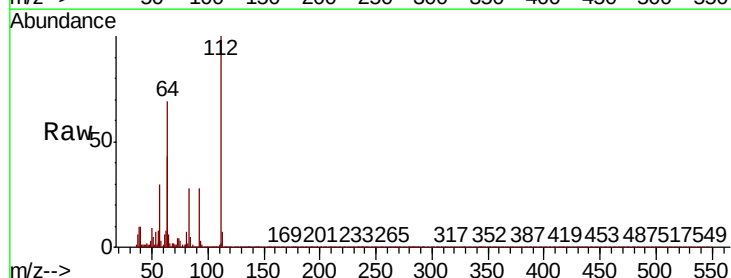
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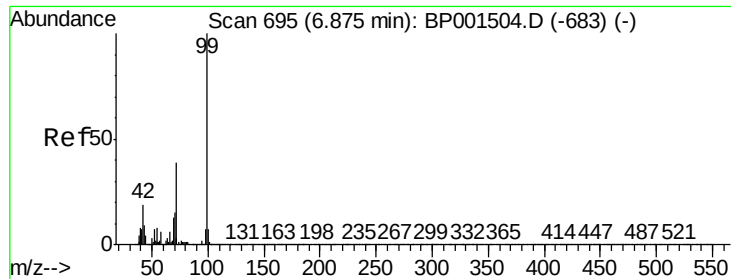


#5

2-Fluorophenol
Concen: 84.092 ng
RT: 5.32 min Scan# 430
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	52.6	79.0
63	42.6	32.6	48.8





#7

Phenol-d6

Concen: 90.759 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001542.D

Acq: 06 Jan 2020 22:08

Instrument :

BNA_P

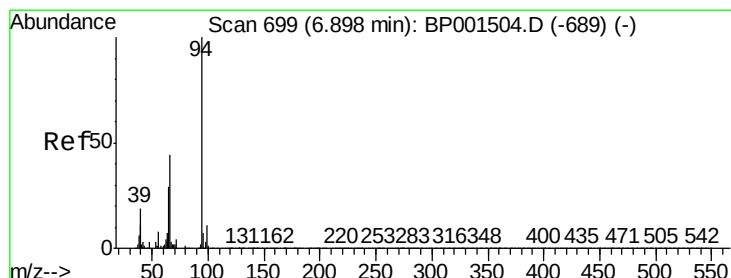
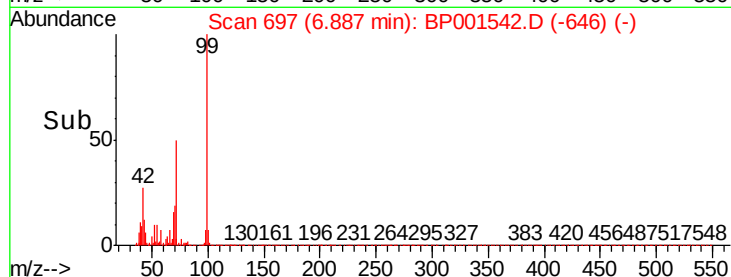
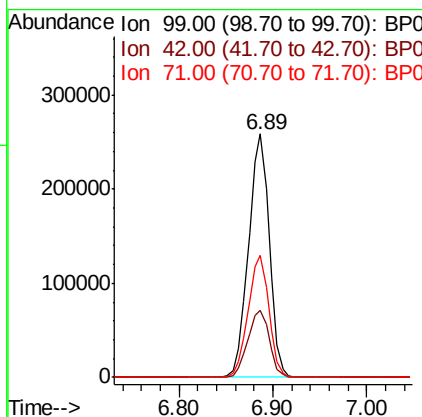
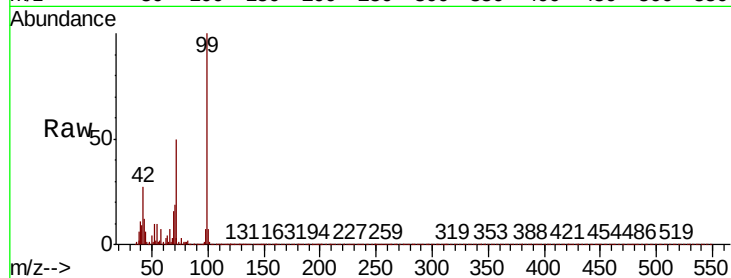
ClientSampleId :

NB-08-010220

Tot Ion:	99	Resp:	395102
Ion Ratio	Lower	Upper	
99	100		
42	27.3	21.2	31.8
71	50.1	40.0	60.0

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#10

Phenol

Concen: 2.498 ng

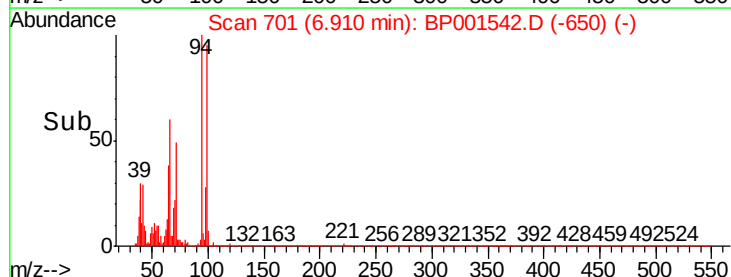
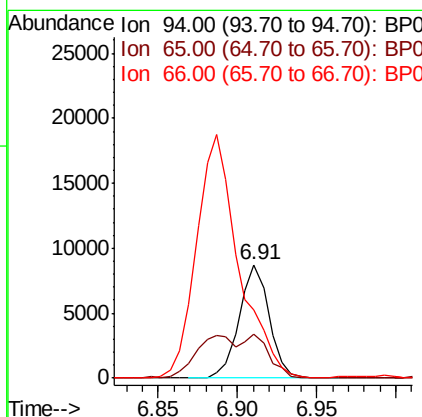
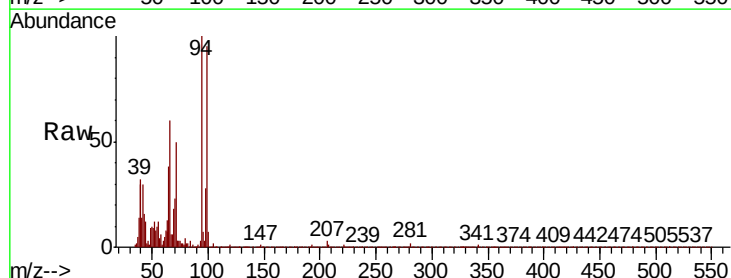
RT: 6.91 min Scan# 701

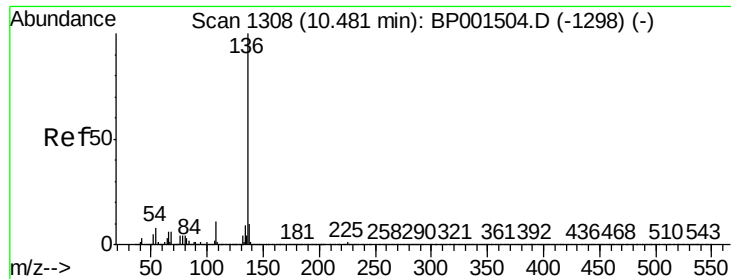
Delta R.T. -0.00 min

Lab File: BP001542.D

Acq: 06 Jan 2020 22:08

Tgt Ion:	94	Resp:	11438
Ion Ratio	Lower	Upper	
94	100		
65	38.2	15.7	55.7
66	60.4	37.8	77.8





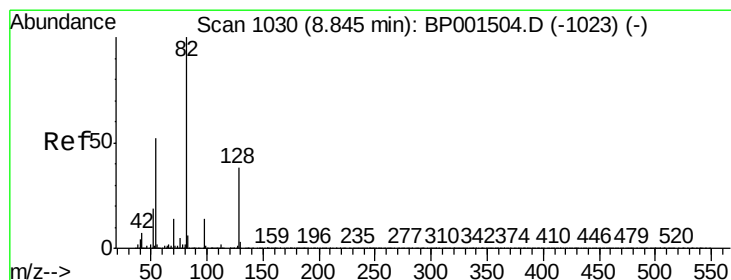
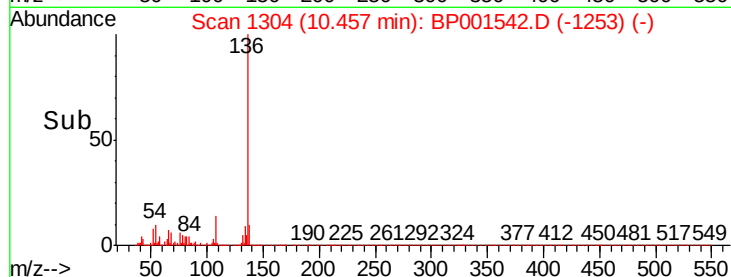
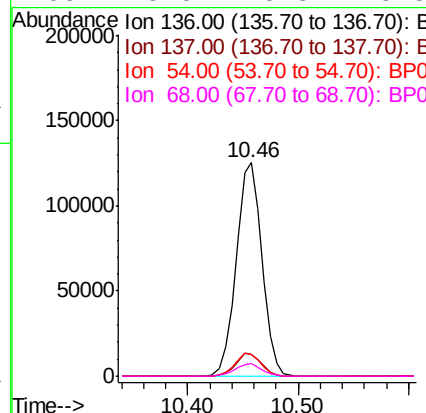
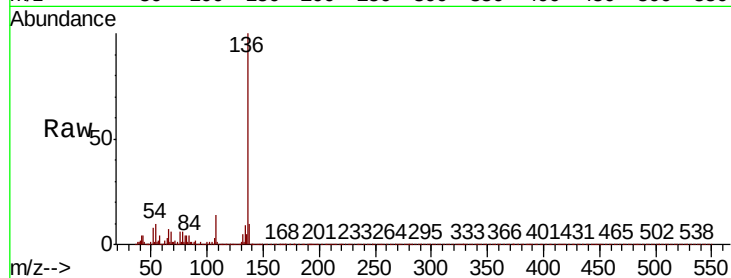
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	8.4	12.6
54	10.5	8.4	12.6
68	5.8	3.8	5.8#

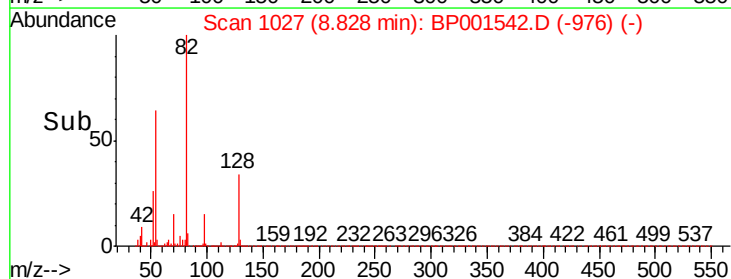
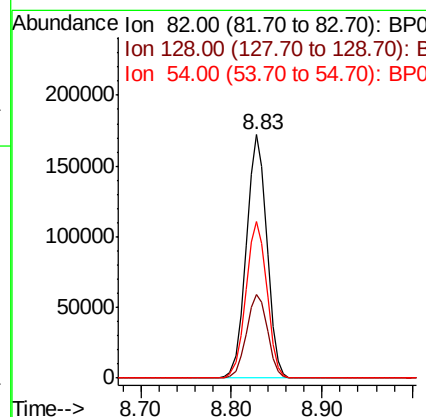
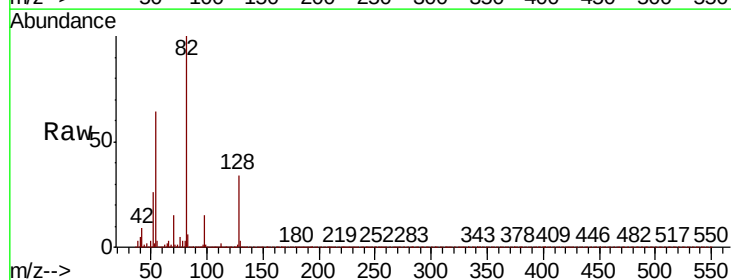
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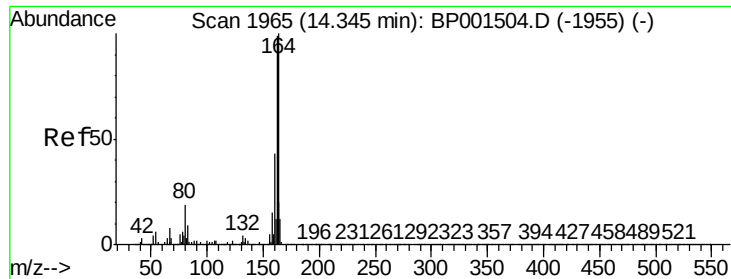
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#23
Nitrobenzene-d5
Concen: 65.324 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.3	26.9	40.3
54	64.3	51.8	77.8





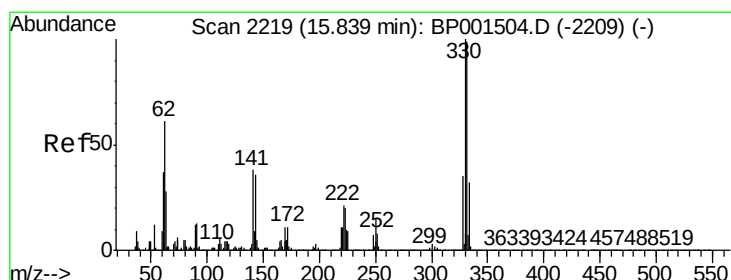
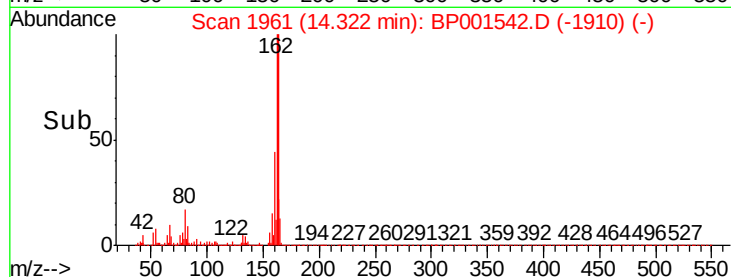
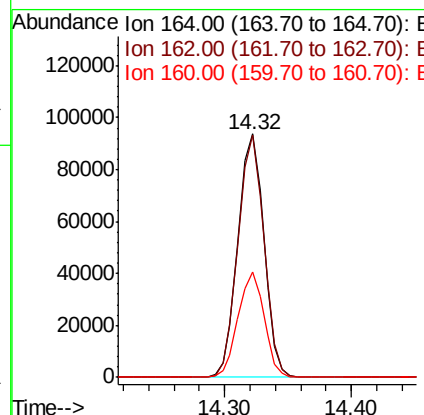
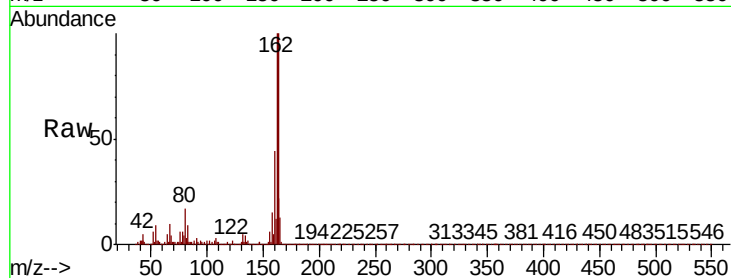
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.0	118.4
160	43.5	34.1	51.1

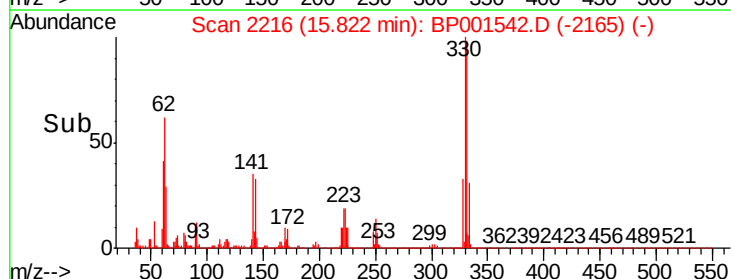
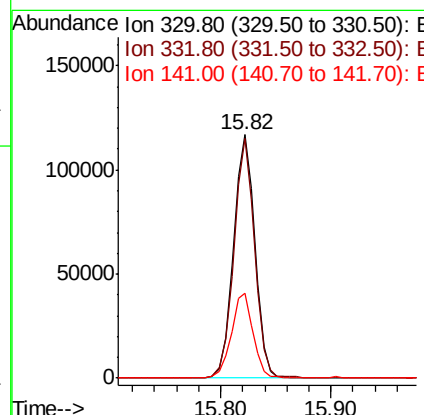
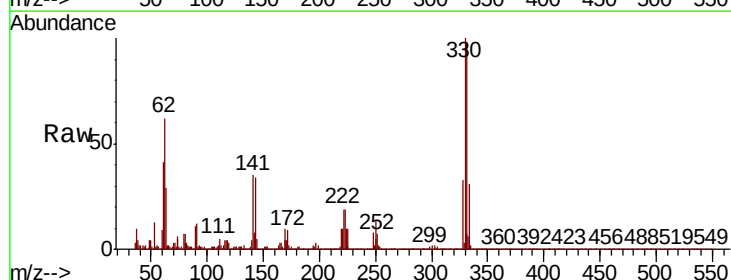
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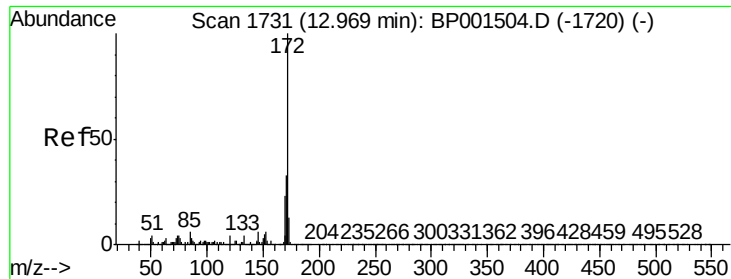
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#42
2,4,6-Tribromophenol
Concen: 105.889 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	35.7	28.7	43.1





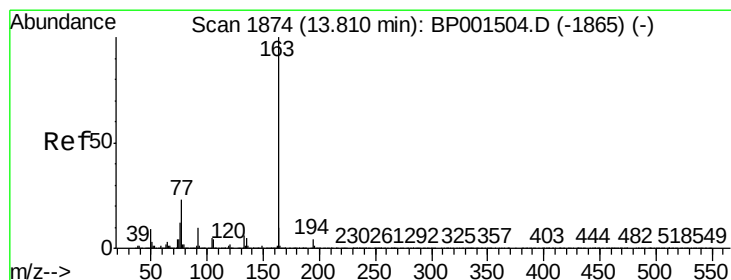
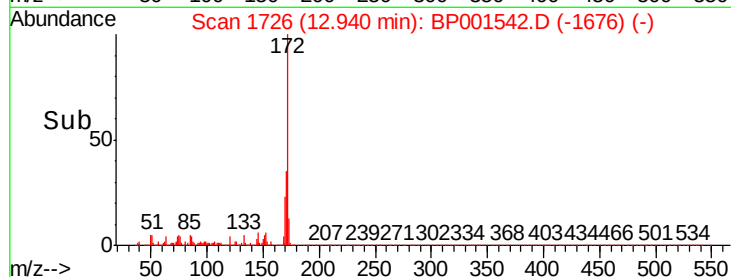
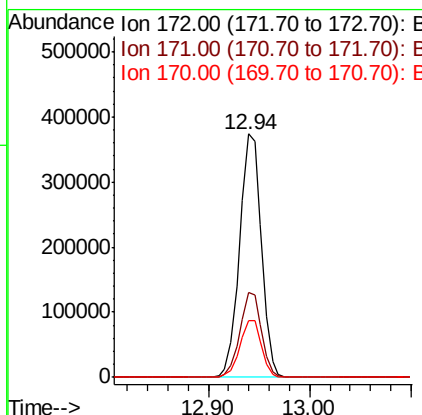
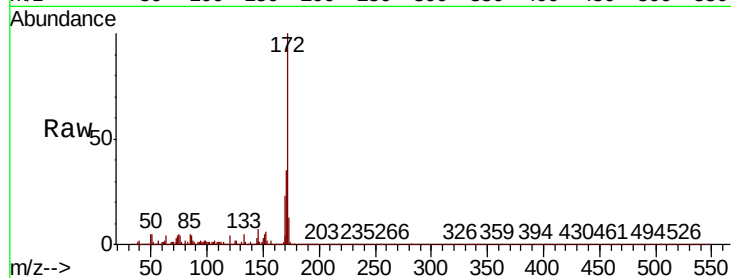
#45
2-Fluorobiphenyl
Concen: 61.489 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.2	18.6	27.8

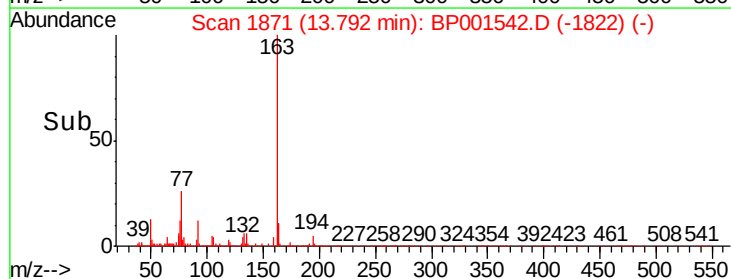
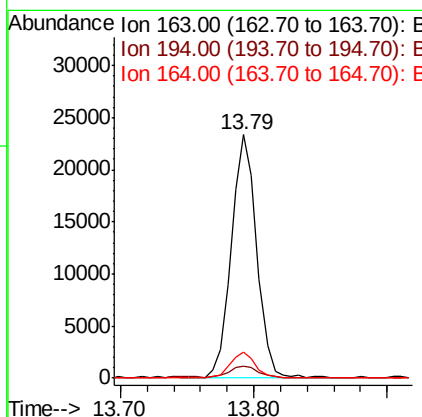
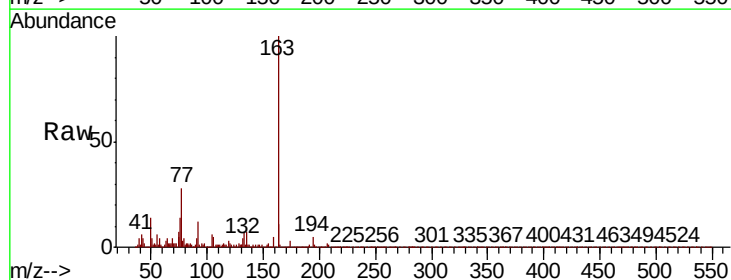
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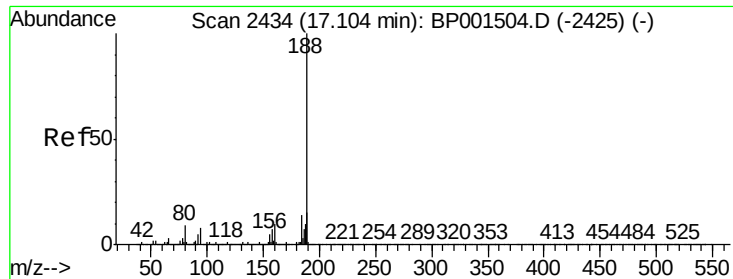
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#50
Dimethylphthalate
Concen: 2.972 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	10.8	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: BP001542.D

Acq: 06 Jan 2020 22:08

Instrument :

BNA_P

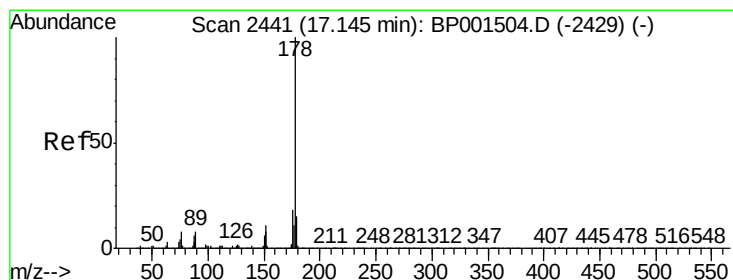
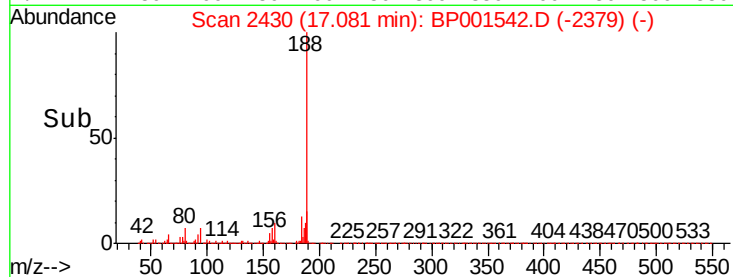
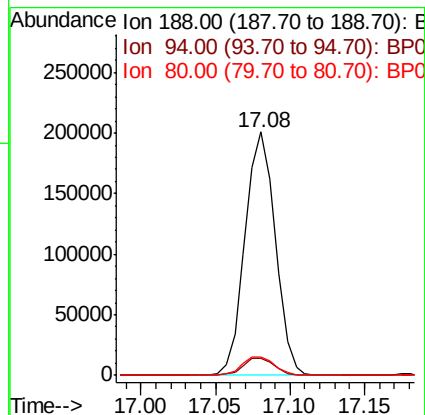
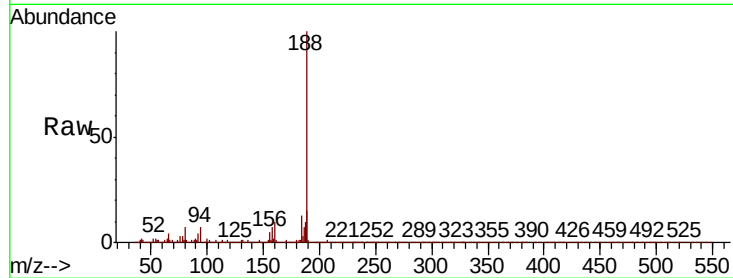
ClientSampleId :

NB-08-010220

Tot Ion:	188	Resp:	282210
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.4	8.0
80	7.5	6.3	9.5

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#71

Phenanthrene

Concen: 7.203 ng

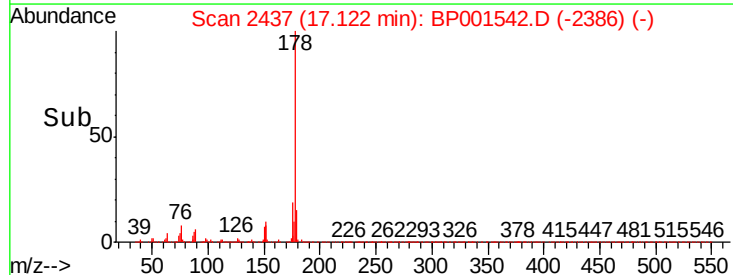
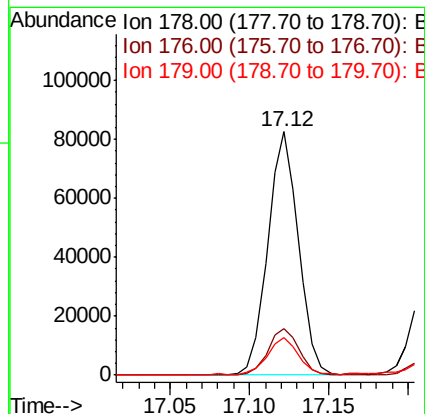
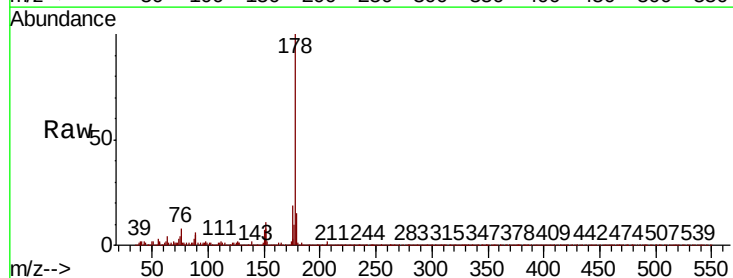
RT: 17.12 min Scan# 2437

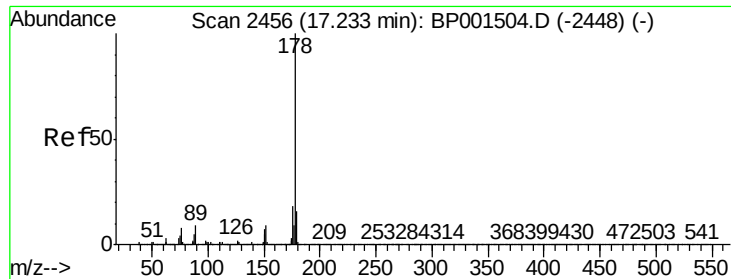
Delta R.T. -0.00 min

Lab File: BP001542.D

Acq: 06 Jan 2020 22:08

Tgt Ion:	178	Resp:	110255
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.1	22.7
179	15.3	12.2	18.4





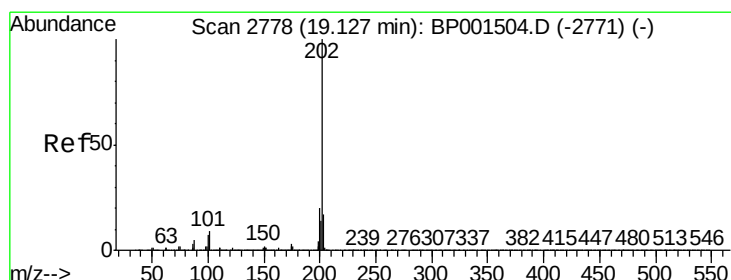
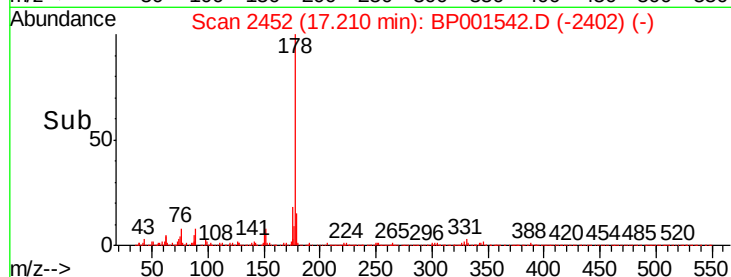
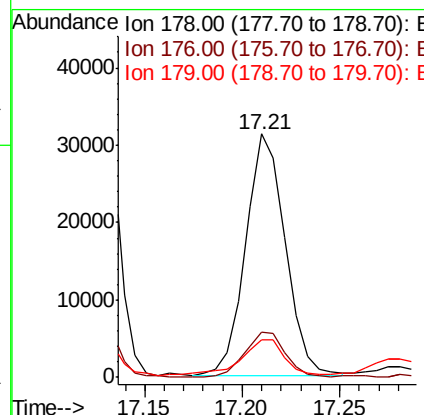
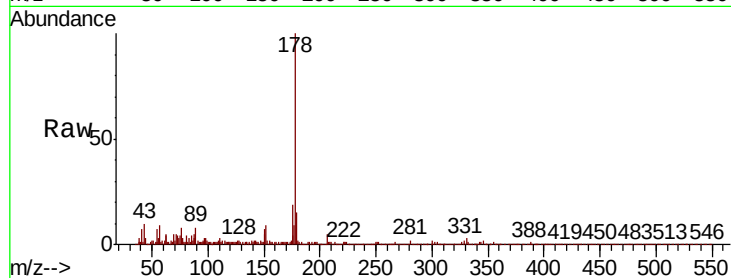
#72
 Anthracene
 Concen: 2.879 ng
 RT: 17.21 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BP001542.D
 Acq: 06 Jan 2020 22:08

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-010220

Tot Ion:	178	Resp:	43677
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.7	22.1
179	15.2	12.2	18.2

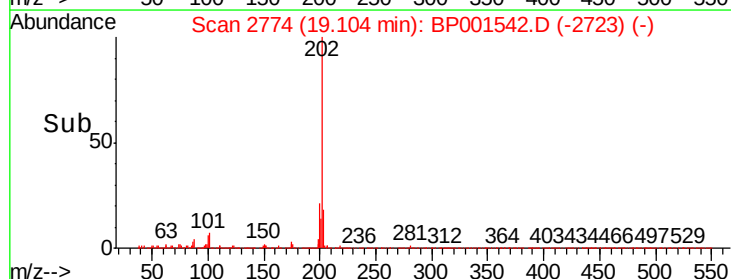
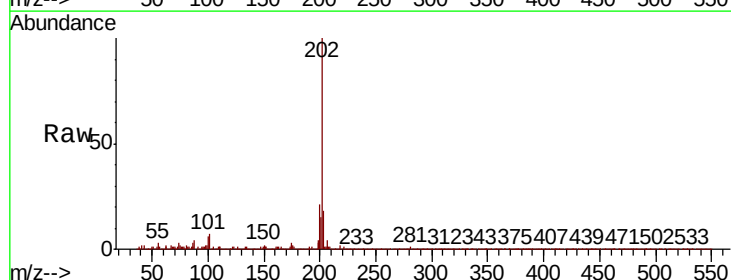
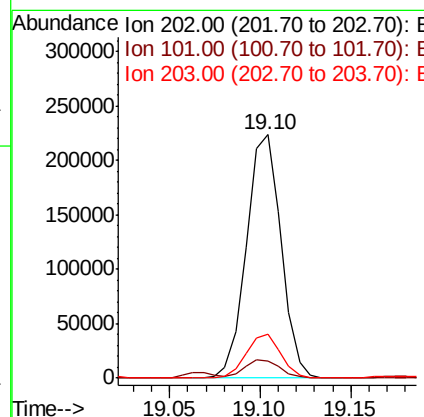
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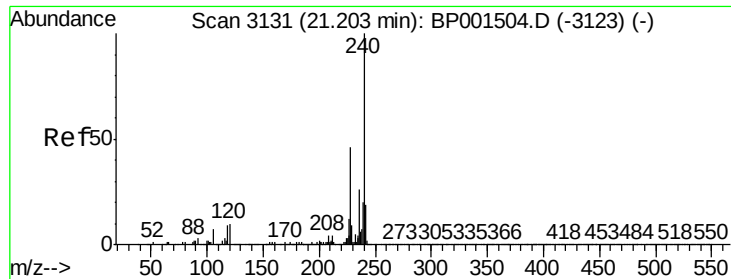
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#75
 Fluoranthene
 Concen: 15.920 ng
 RT: 19.10 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BP001542.D
 Acq: 06 Jan 2020 22:08

Tgt Ion:	202	Resp:	294992
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	27.1
203	17.9	0.0	37.6





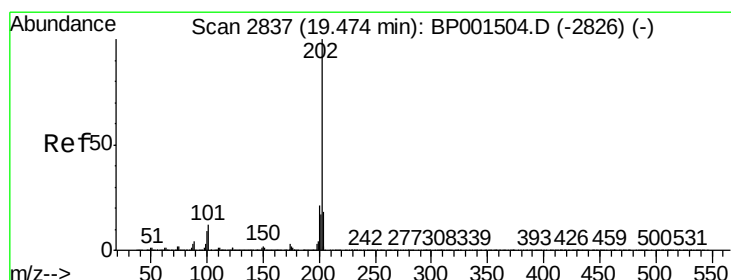
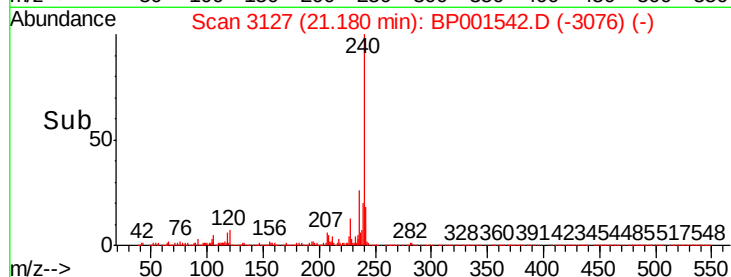
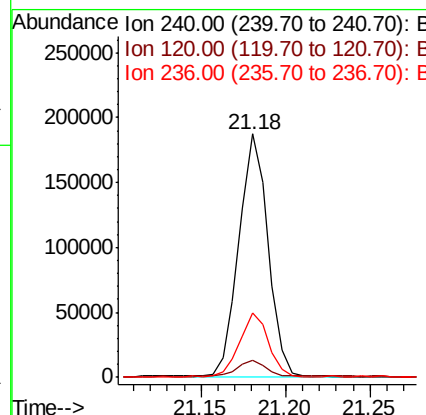
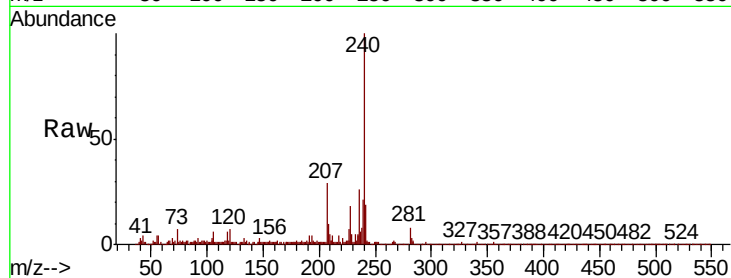
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.2	7.8
236	26.3	21.4	32.2

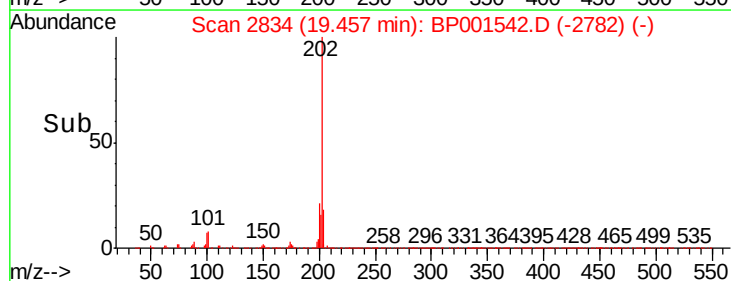
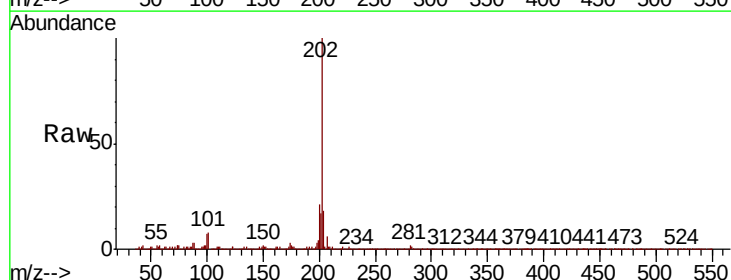
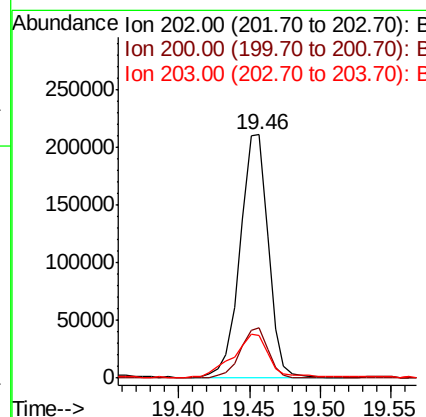
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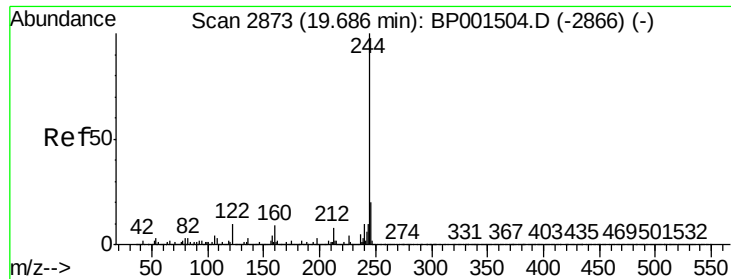
mohammad
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#78
Pyrene
Concen: 18.010 ng
RT: 19.46 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.8	13.6	20.4





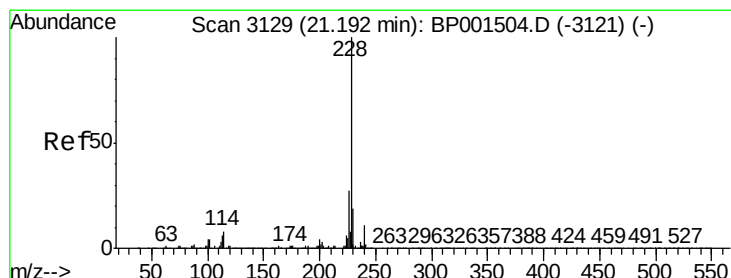
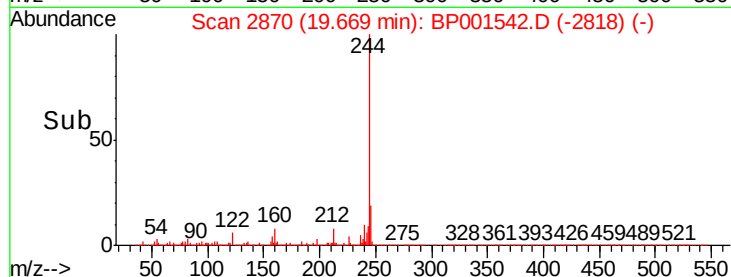
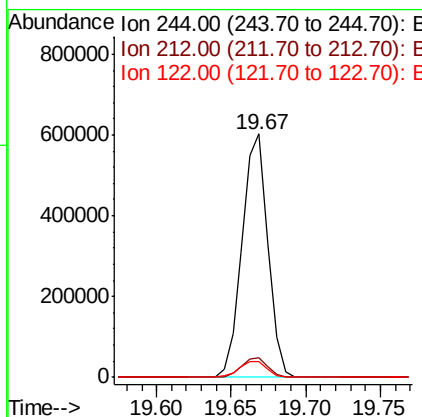
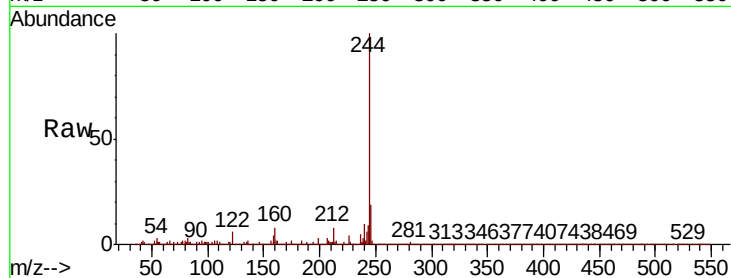
#79
 Terphenyl-d14
 Concen: 64.024 ng
 RT: 19.67 min Scan# 2870
 Delta R.T. 0.01 min
 Lab File: BP001542.D
 Acq: 06 Jan 2020 22:08

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-010220

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.7	10.1
122	6.4	6.0	9.0

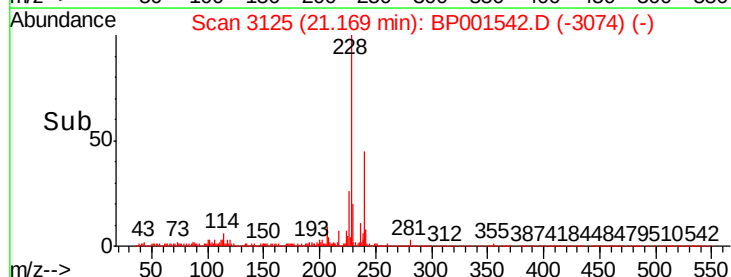
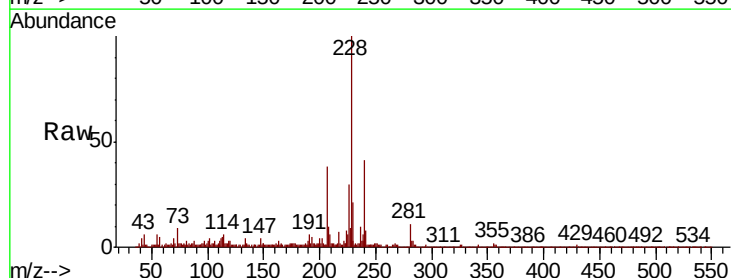
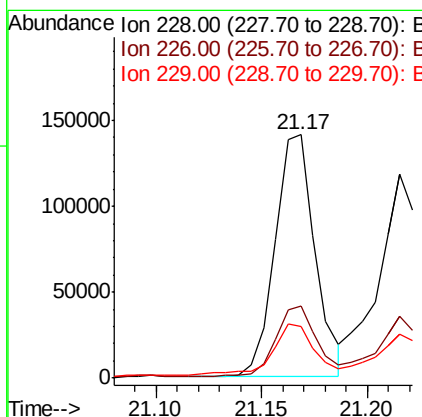
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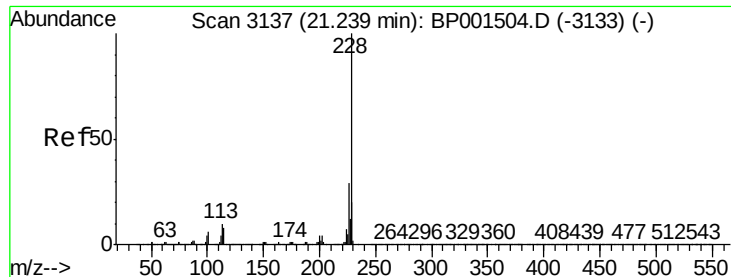
mohammad
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#81
 Benzo(a)anthracene
 Concen: 11.872 ng
 RT: 21.17 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BP001542.D
 Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.4	32.2
229	21.0	15.5	23.3





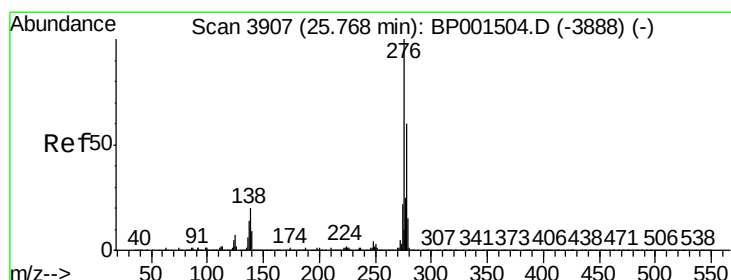
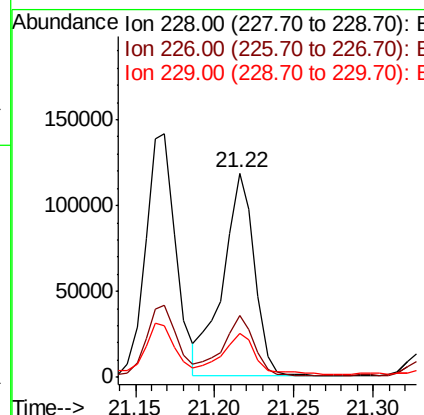
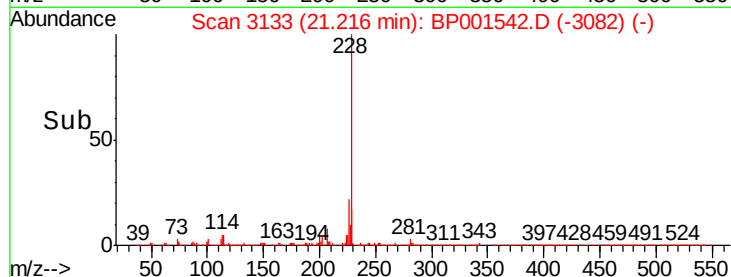
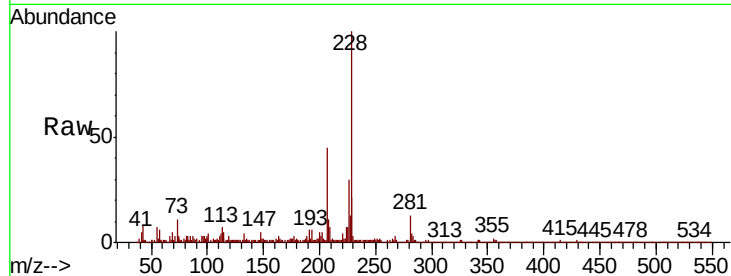
#83
Chrysene
Concen: 10.810 ng
RT: 21.22 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion:	228	Resp:	163009
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.1	34.7
229	21.4	15.6	23.4

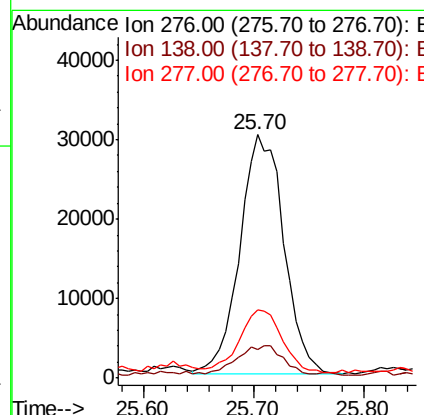
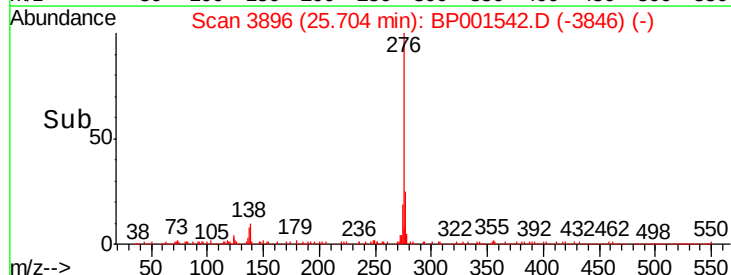
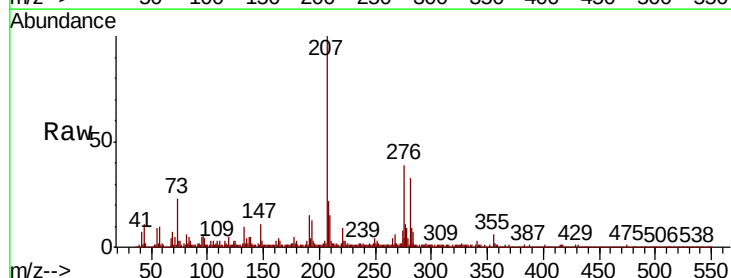
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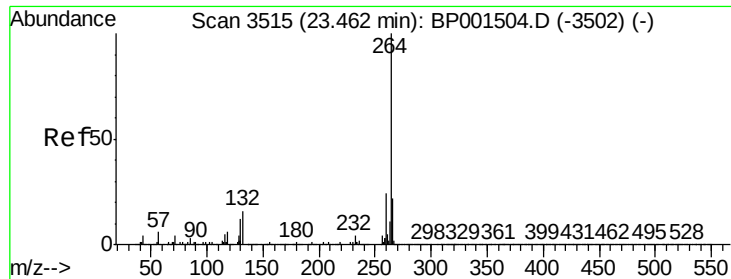
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.560 ng
RT: 25.70 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion:	276	Resp:	83694
Ion Ratio	Lower	Upper	
276	100		
138	12.1	11.0	16.6
277	26.0	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BP001542.D

Acq: 06 Jan 2020 22:08

Instrument :

BNA_P

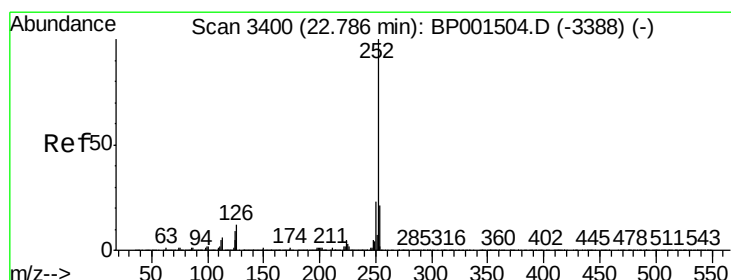
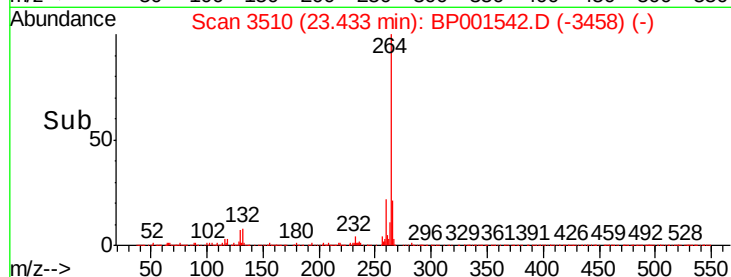
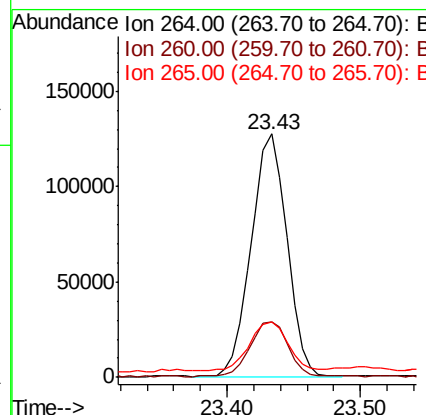
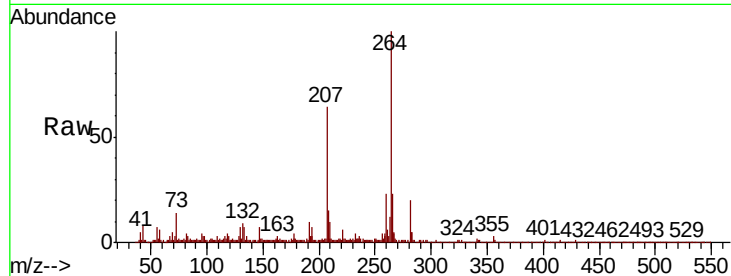
ClientSampleId :

NB-08-010220

Tot Ion:	264	Resp:	235115
Ion Ratio		Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.9	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 13.716 ng

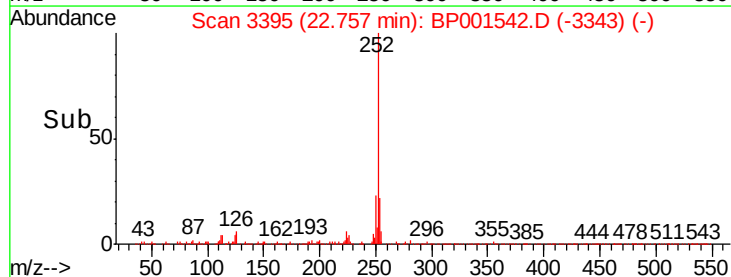
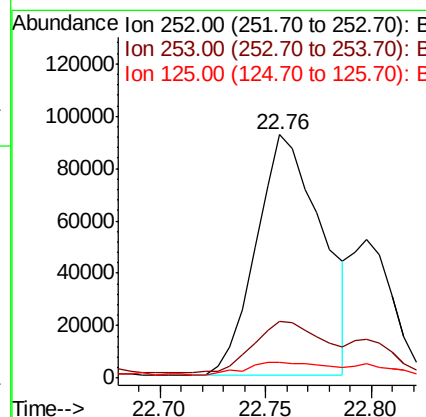
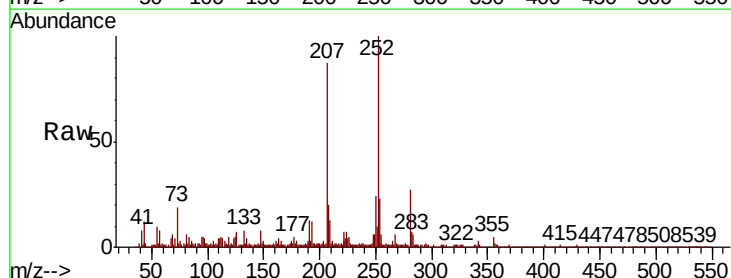
RT: 22.76 min Scan# 3395

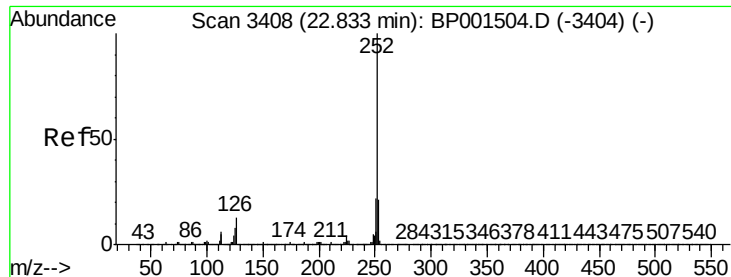
Delta R.T. 0.01 min

Lab File: BP001542.D

Acq: 06 Jan 2020 22:08

Tgt Ion:	252	Resp:	199669
Ion Ratio		Lower	Upper
252	100		
253	23.4	16.7	25.1
125	6.5	4.2	6.2#





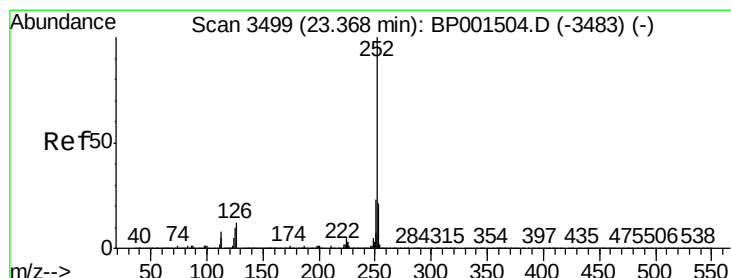
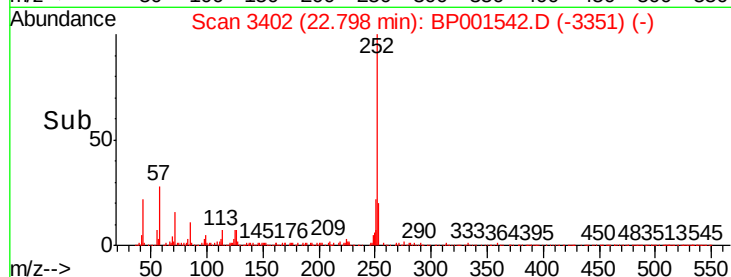
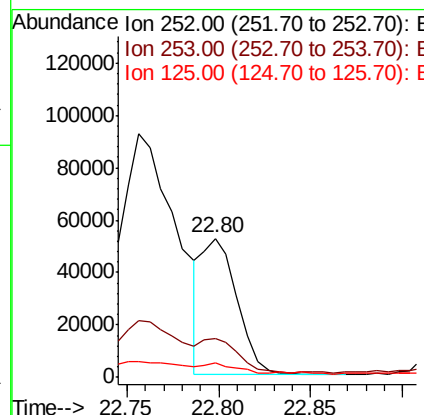
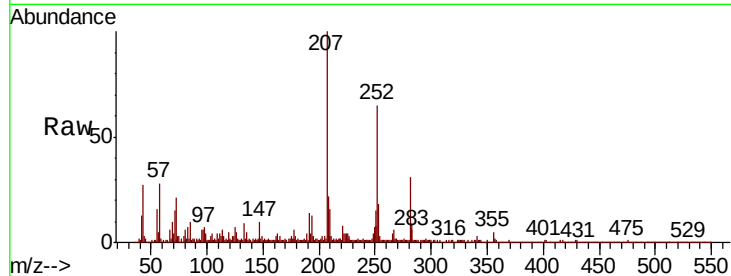
#89
Benzo(k)fluoranthene
Concen: 5.067 ng m
RT: 22.80 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Instrument :
BNA_P
ClientSampleId :
NB-08-010220

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.3	25.9#
125	10.2	4.8	7.2#

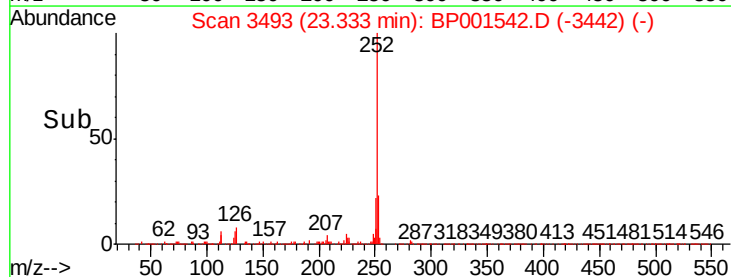
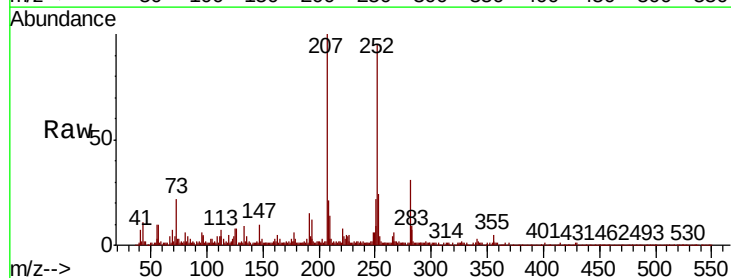
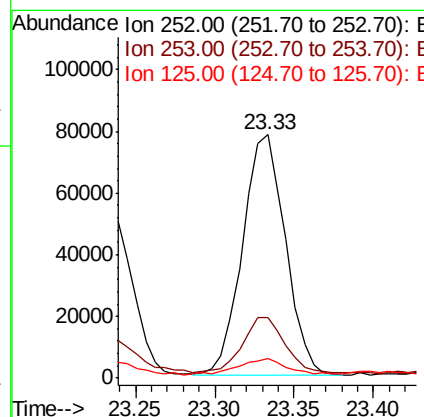
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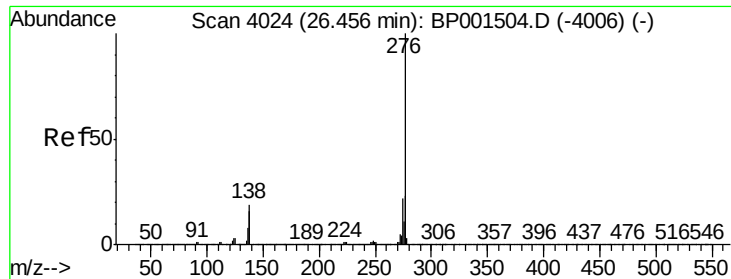
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#90
Benzo(a)pyrene
Concen: 10.747 ng
RT: 23.33 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BP001542.D
Acq: 06 Jan 2020 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	8.0	4.6	6.8#





#92
 Benzo(a,h,i)perylene
 Concen: 5.656 ng
 RT: 26.39 min Scan# 4013
 Delta R.T. -0.01 min
 Lab File: BP001542.D
 Acq: 06 Jan 2020 22:08

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-010220

Tot Ion:	276	Resp:	76401
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.9	28.3
138	12.3	10.1	15.1

Manual Integrations
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