

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003281.D
 Acq On : 14 Sep 2020 22:21
 Operator : CG/JU
 Sample : L3863-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-091120

Manual Integrations
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Quant Time: Sep 15 04:50:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	188922	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	733584	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	425768	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	764765	20.00	ng	0.00
76) Chrysene-d12	21.14	240	692997	20.00	ng	0.00
86) Perylene-d12	23.37	264	819158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	188022	17.60	ng	0.00
7) Phenol-d6	6.84	99	226236	16.89	ng	0.00
23) Nitrobenzene-d5	8.79	82	135623	13.33	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	102875	17.87	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	390454	13.43	ng	-0.01
79) Terphenyl-d14	19.62	244	380415	12.08	ng	0.00
Target Compounds						
71) Phenanthrene	17.08	178	355183	8.571	ng	99
72) Anthracene	17.17	178	134847	3.400	ng	99
75) Fluoranthene	19.06	202	690095	14.409	ng	99
78) Pyrene	19.42	202	601800	13.380	ng	99
81) Benzo(a)anthracene	21.12	228	369274	8.507	ng	97
83) Chrysene	21.17	228	319040	7.676	ng	96
87) Indeno(1,2,3-cd)pyrene	25.64	276	227862	3.730	ng	# 95
88) Benzo(b)fluoranthene	22.70	252	430133	8.448	ng	# 91
89) Benzo(k)fluoranthene	22.74	252	168965m	3.473	ng	
90) Benzo(a)pyrene	23.27	252	340255	7.204	ng	94
92) Benzo(g,h,i)perylene	26.34	276	213792	4.245	ng	96

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

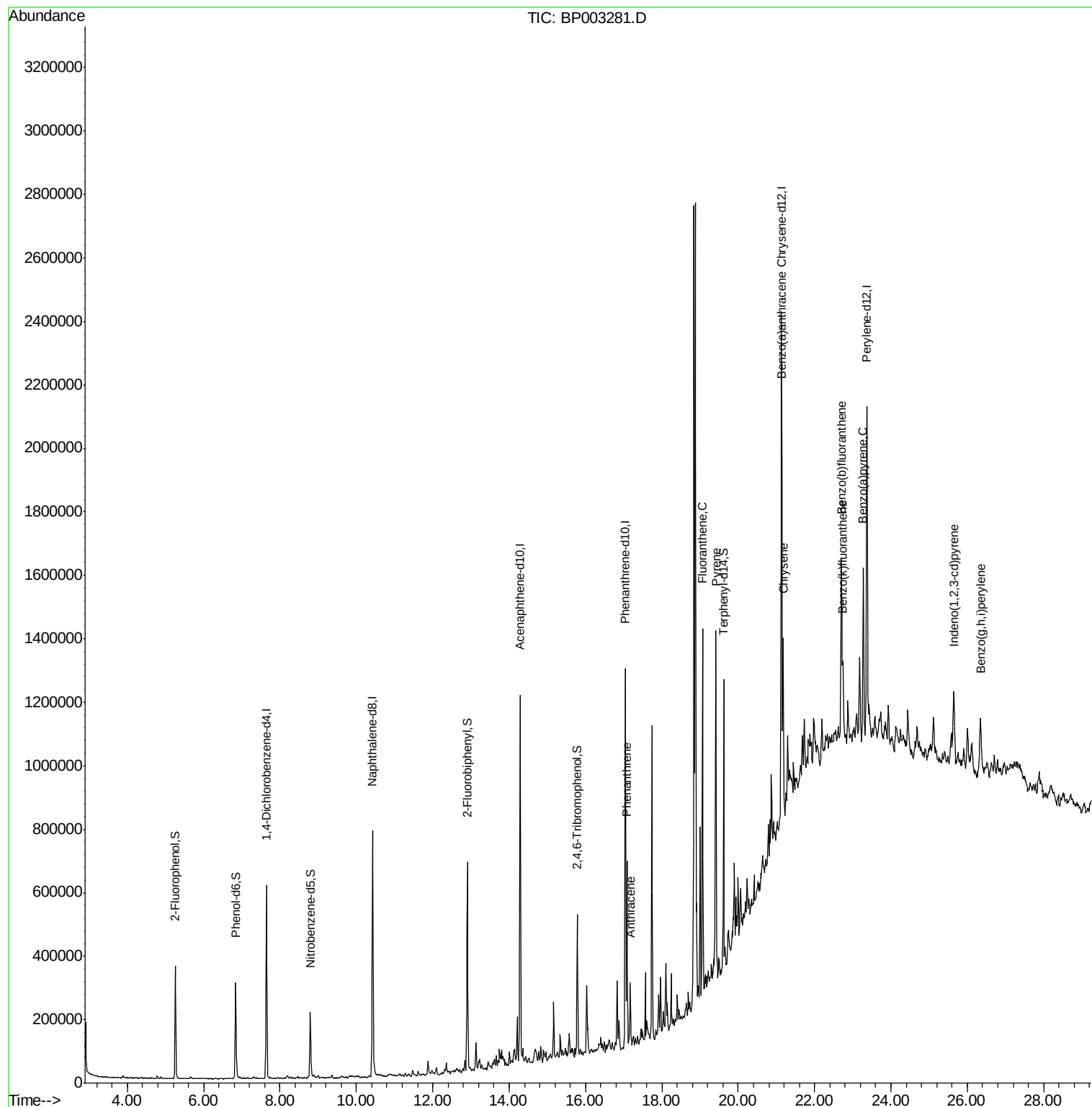
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003281.D
Acq On : 14 Sep 2020 22:21
Operator : CG/JU
Sample : L3863-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

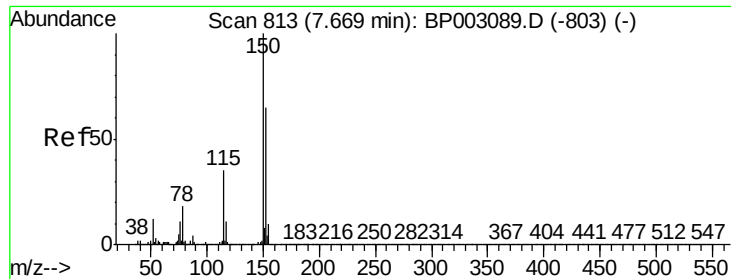
Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Quant Time: Sep 15 04:50:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
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#1

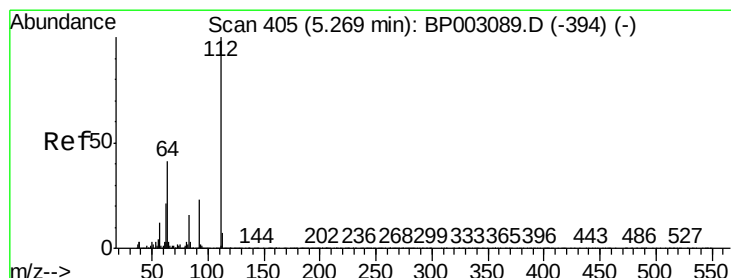
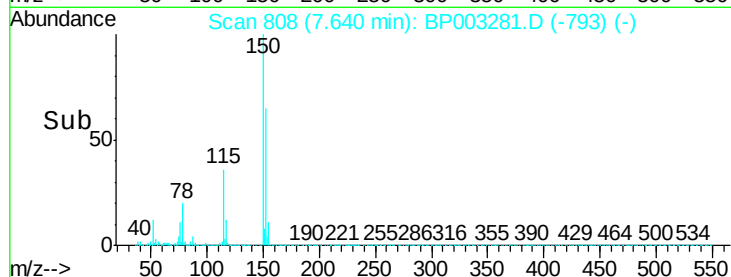
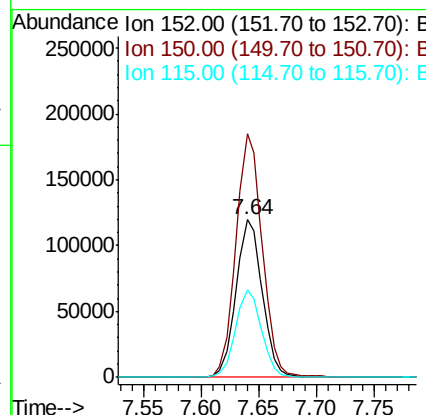
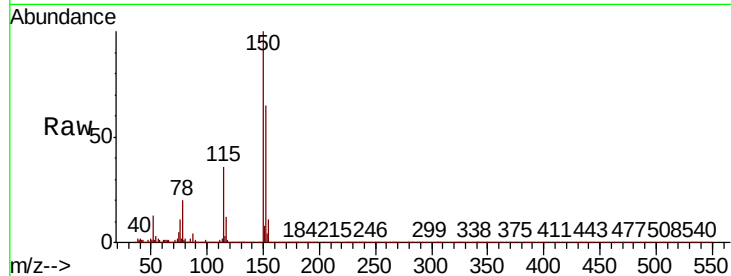
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tot Ion	Ratio	Resp	Lower	Upper
152	100	188922		
150	154.3	123.8	185.6	
115	55.2	43.8	65.6	

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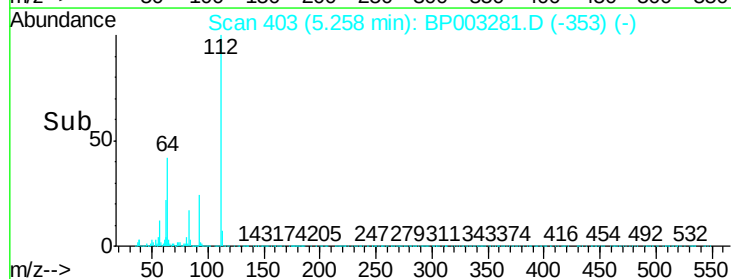
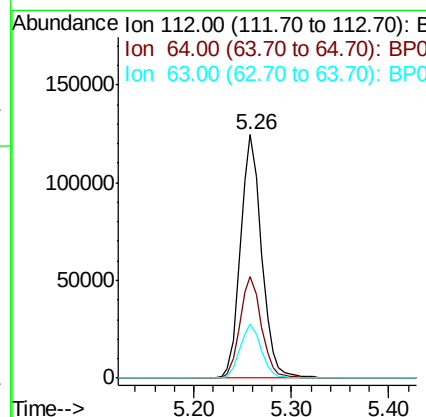
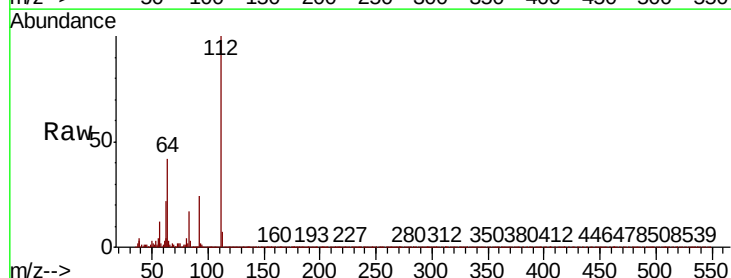
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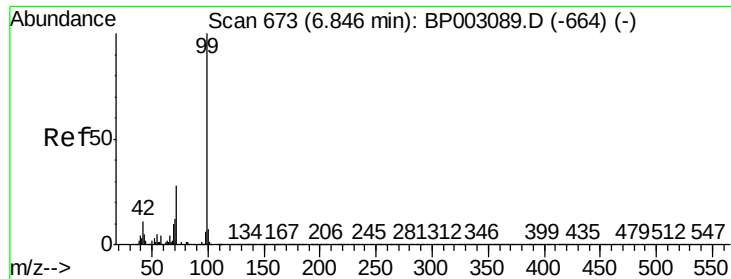


#5

2-Fluorophenol
Concen: 17.596 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	188022		
64	41.5	32.8	49.2	
63	22.0	17.0	25.4	





#7

Phenol-d6

Concen: 16.890 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003281.D

Acq: 14 Sep 2020 22:21

Instrument :

BNA_P

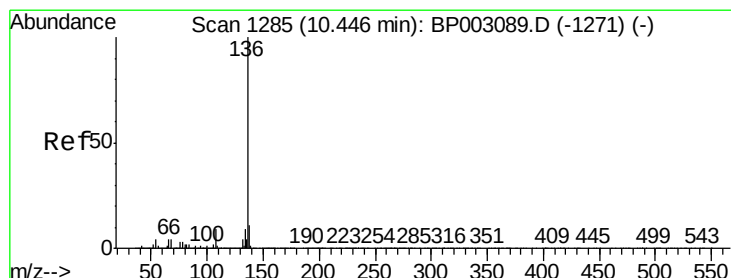
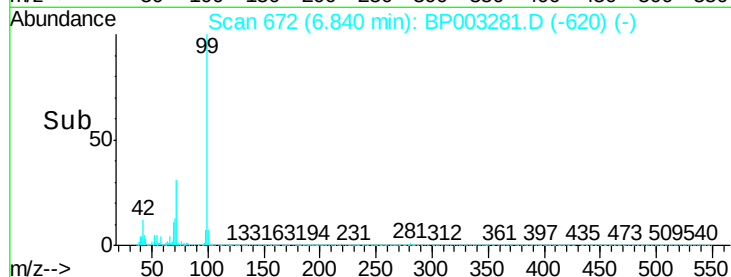
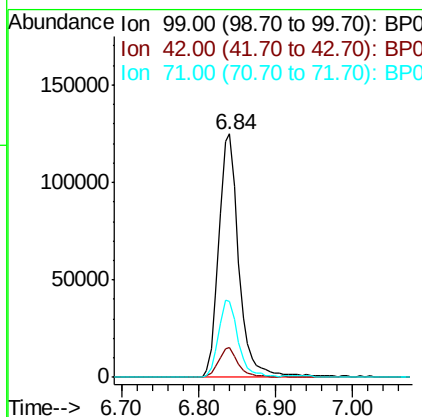
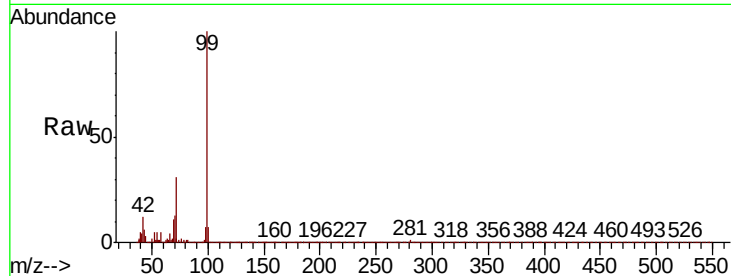
ClientSampleId :

HD-02-091120

Tot Ion:	99	Resp:	226236
Ion Ratio	Lower	Upper	
99	100		
42	12.1	8.6	13.0
71	31.2	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

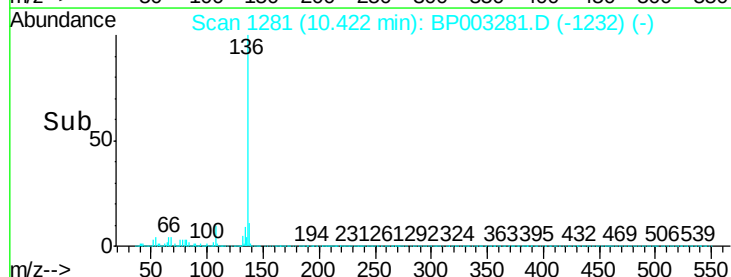
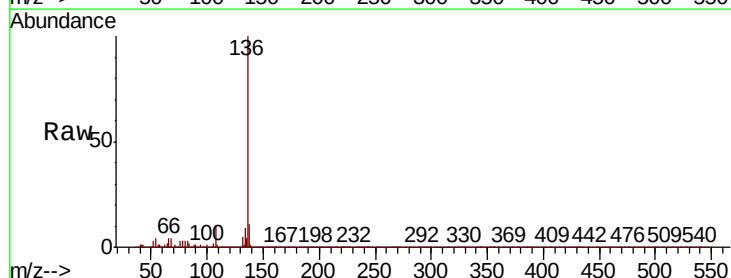
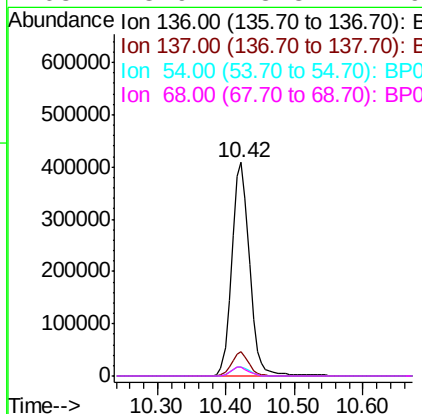
RT: 10.42 min Scan# 1281

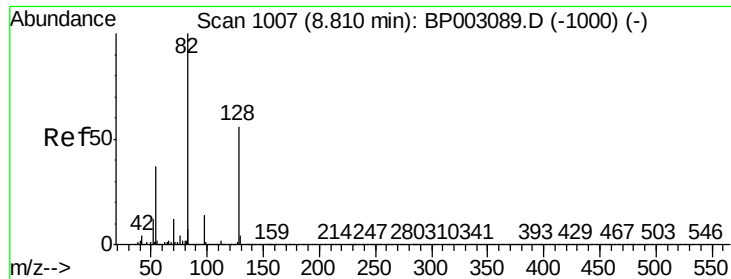
Delta R.T. -0.01 min

Lab File: BP003281.D

Acq: 14 Sep 2020 22:21

Tgt Ion:	136	Resp:	733584
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	4.4	3.6	5.4
68	3.9	3.3	4.9





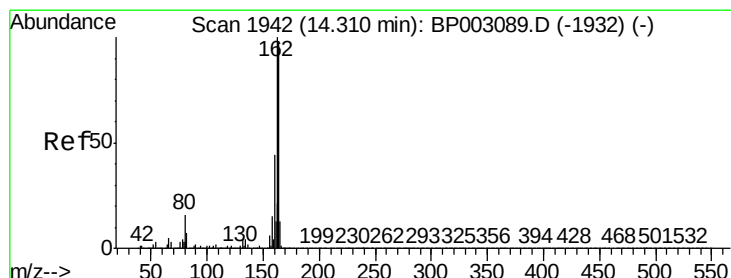
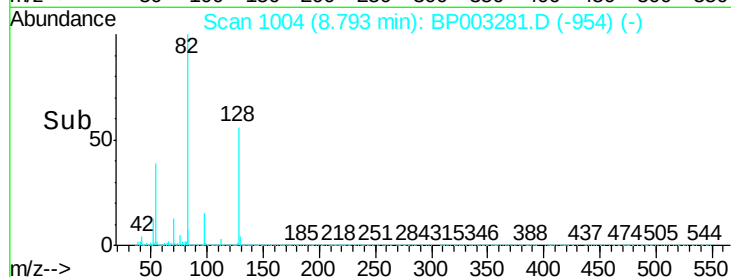
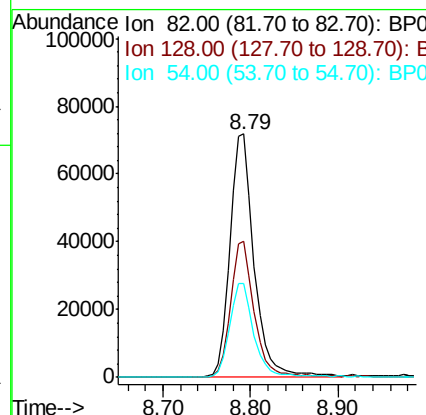
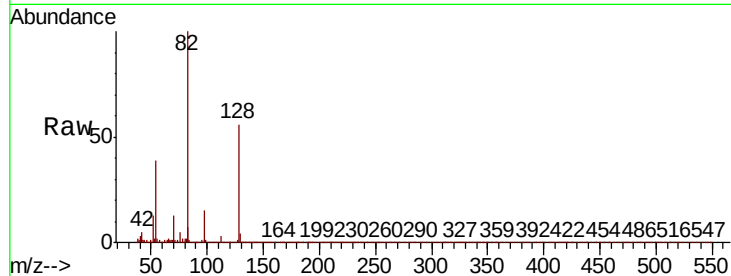
#23
 Nitrobenzene-d5
 Concen: 13.328 ng
 RT: 8.79 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-091120

Tot Ion	82	Resp	135623
Ion Ratio	Lower	Upper	
82	100		
128	55.6	45.6	68.4
54	38.6	30.1	45.1

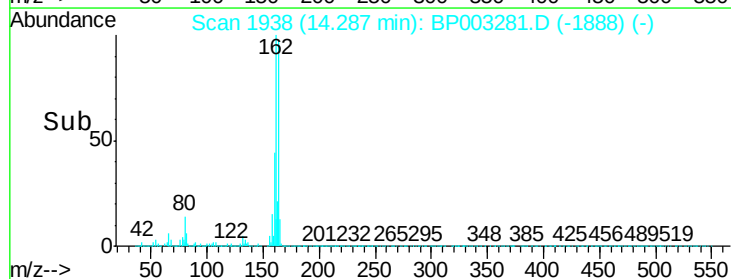
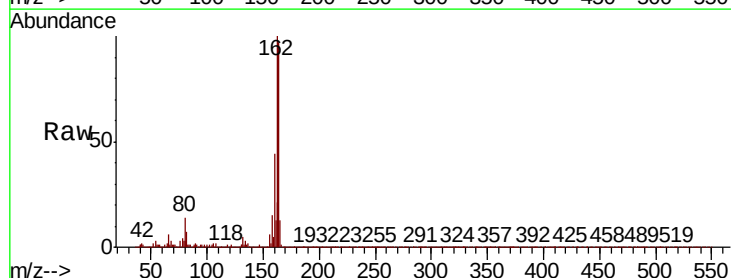
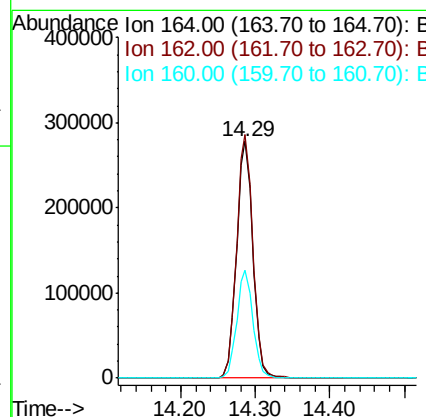
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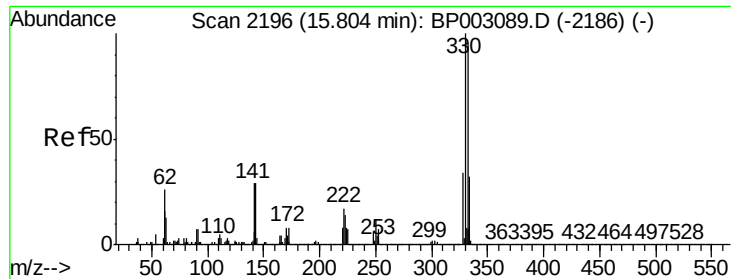
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Tgt Ion	164	Resp	425768
Ion Ratio	Lower	Upper	
164	100		
162	102.9	79.4	119.2
160	45.6	36.1	54.1





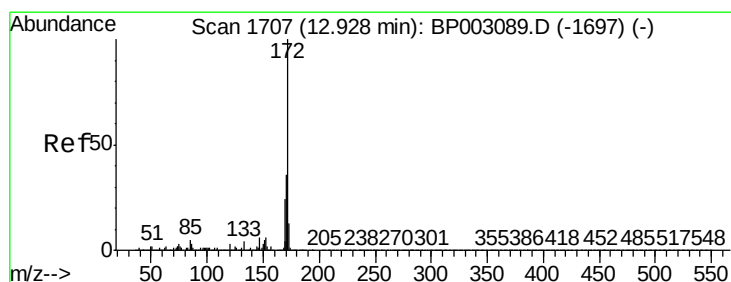
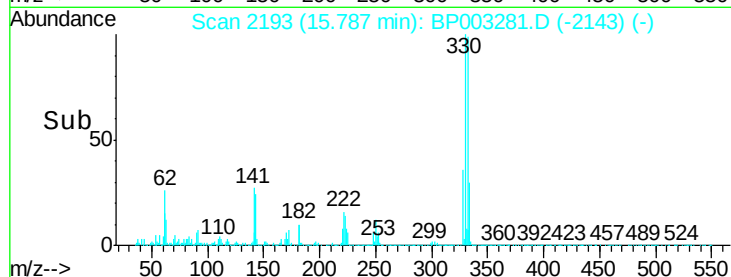
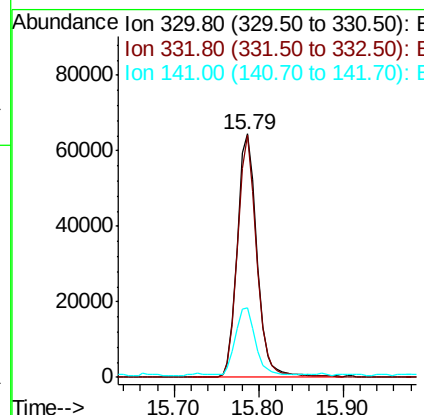
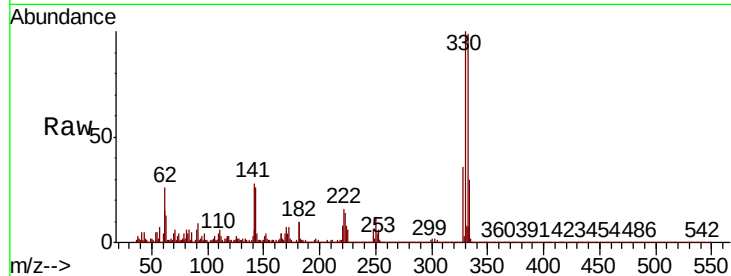
#42
2,4,6-Tribromophenol
Concen: 17.865 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tot Ion	Ratio	Resp	Lower	Upper
330	100	102875		
332	97.0		77.1	115.7
141	27.5		23.4	35.2

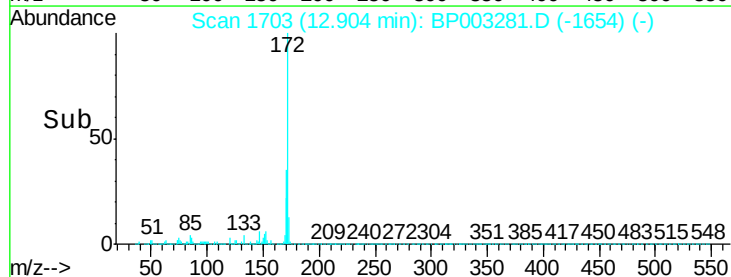
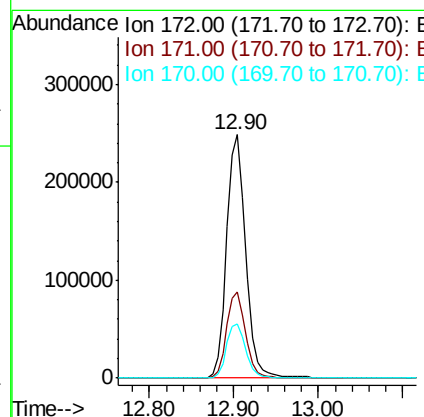
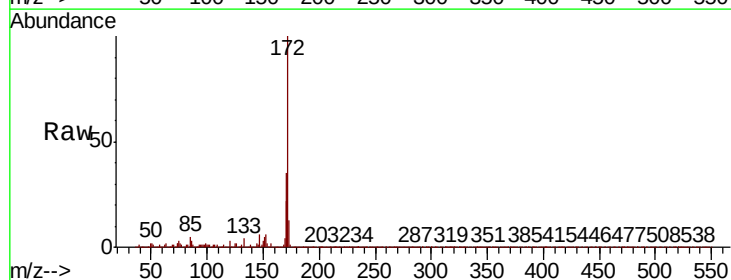
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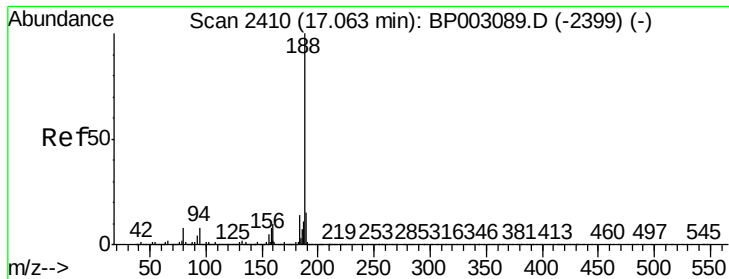
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#45
2-Fluorobiphenyl
Concen: 13.430 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	390454		
171	35.4		28.5	42.7
170	22.5		19.2	28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BP003281.D

Acq: 14 Sep 2020 22:21

Instrument :

BNA_P

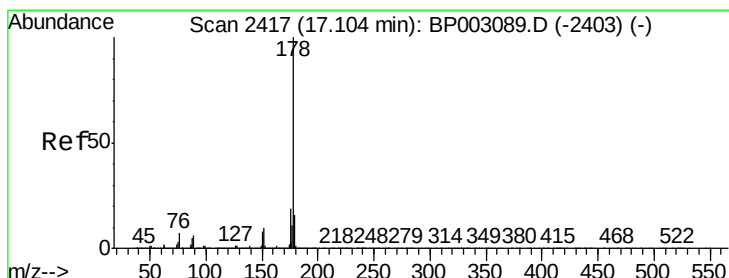
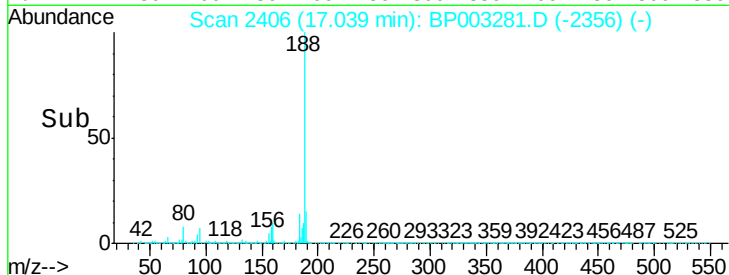
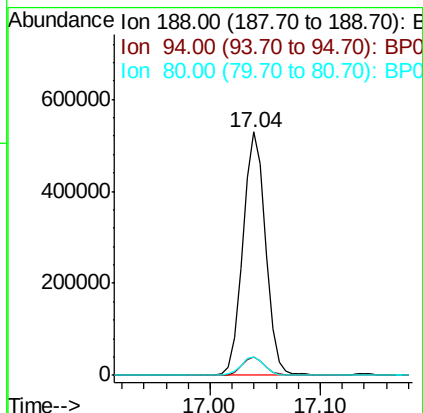
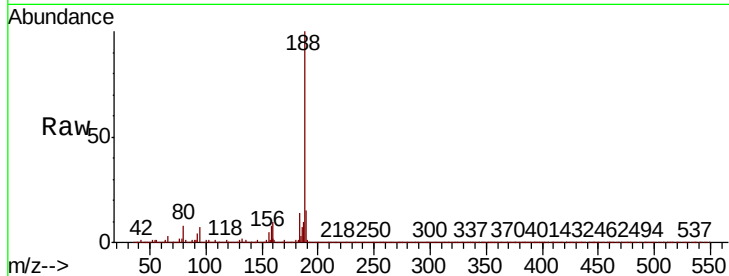
ClientSampleId :

HD-02-091120

Tot Ion:	188	Resp:	764765
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.2	9.2
80	7.7	6.2	9.2

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#71

Phenanthrene

Concen: 8.571 ng

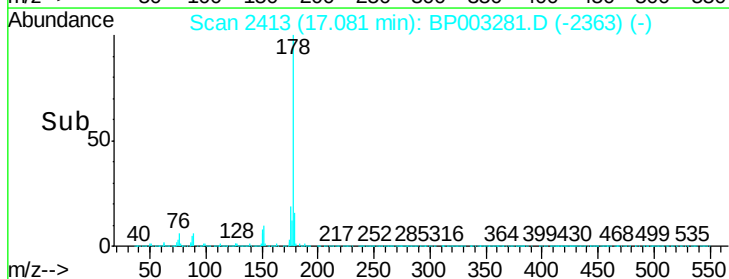
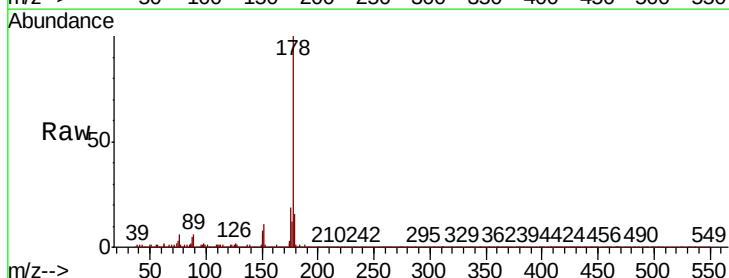
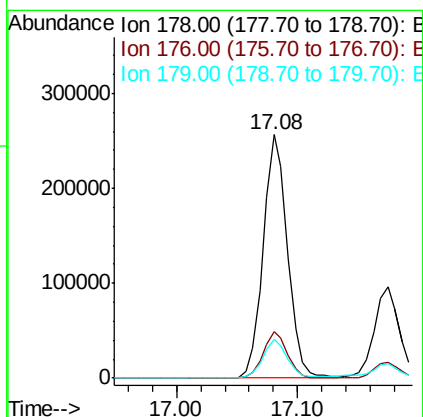
RT: 17.08 min Scan# 2413

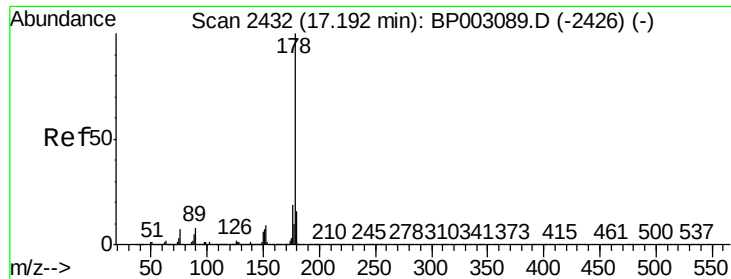
Delta R.T. -0.01 min

Lab File: BP003281.D

Acq: 14 Sep 2020 22:21

Tgt Ion:	178	Resp:	355183
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.3	22.9
179	15.9	12.5	18.7





#72

Anthracene

Concen: 3.400 ng

RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BP003281.D

Acq: 14 Sep 2020 22:21

Instrument :

BNA_P

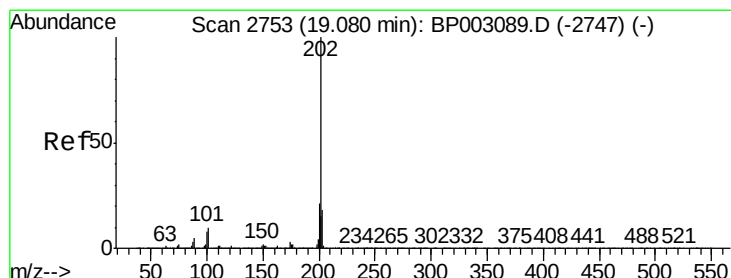
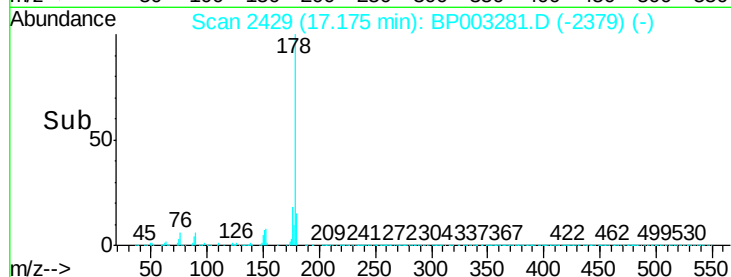
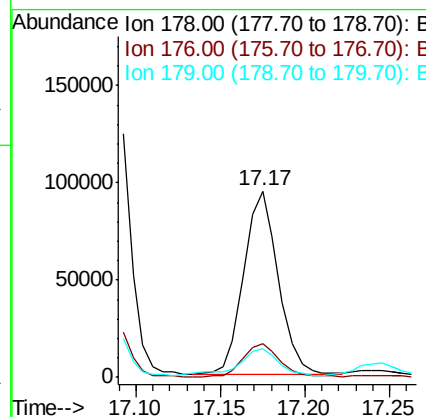
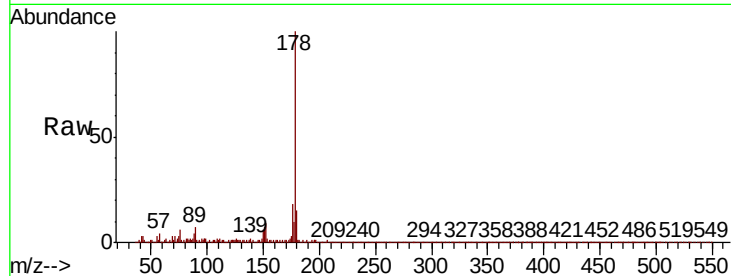
ClientSampleId :

HD-02-091120

Tot Ion:	178	Resp:	134847
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.0	22.4
179	15.3	12.5	18.7

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#75

Fluoranthene

Concen: 14.409 ng

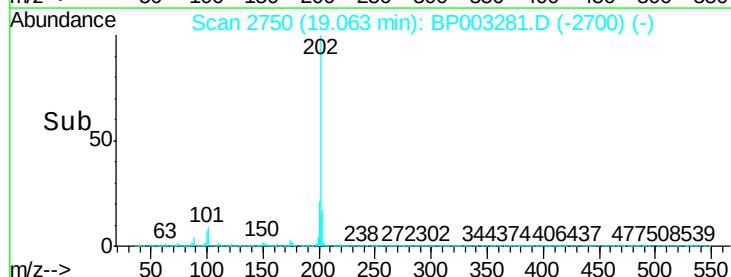
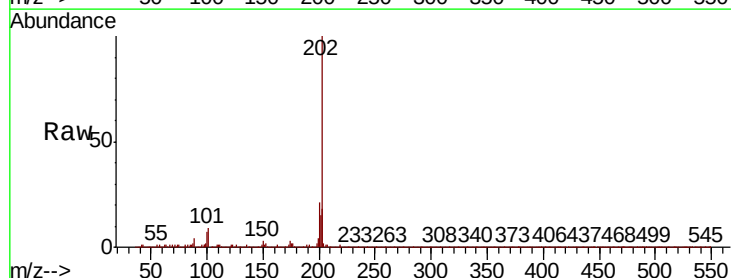
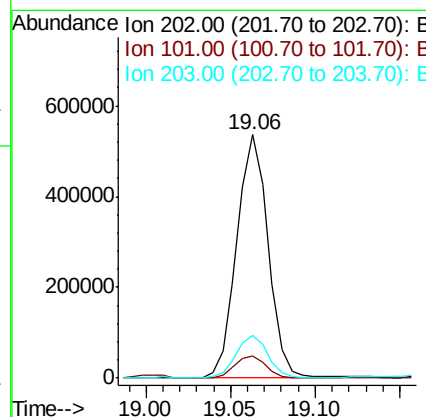
RT: 19.06 min Scan# 2750

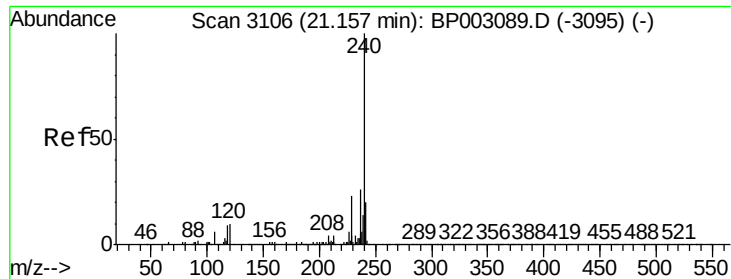
Delta R.T. -0.01 min

Lab File: BP003281.D

Acq: 14 Sep 2020 22:21

Tgt Ion:	202	Resp:	690095
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.4
203	17.6	0.0	37.8





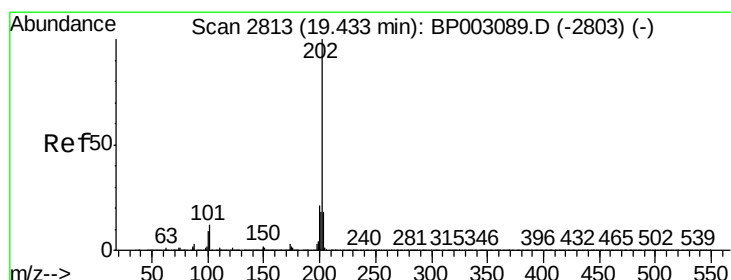
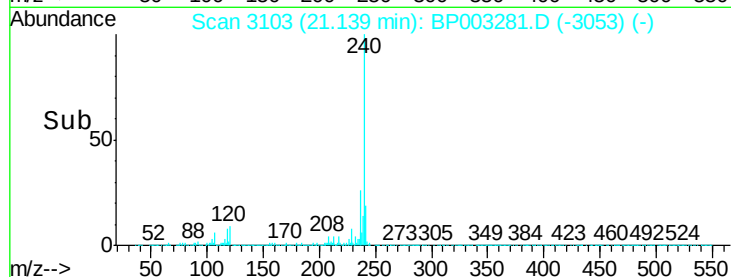
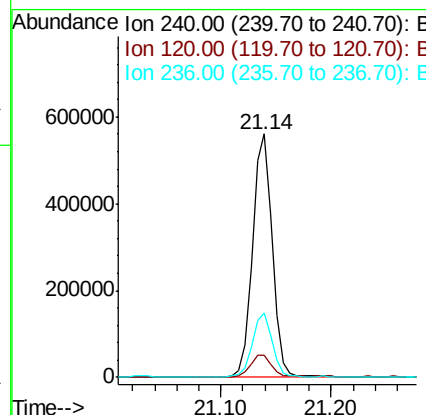
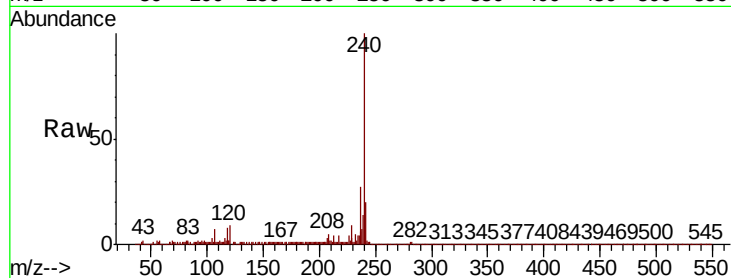
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.6
236	26.5	20.8	31.2

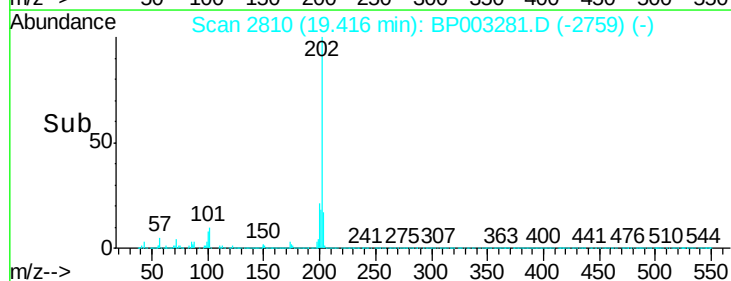
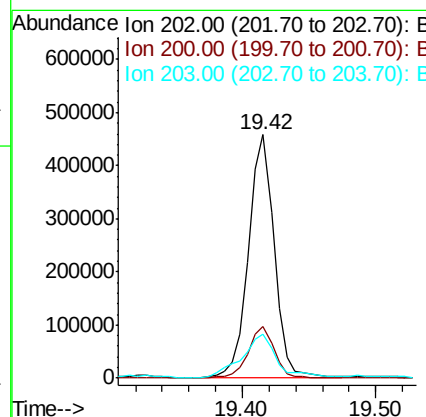
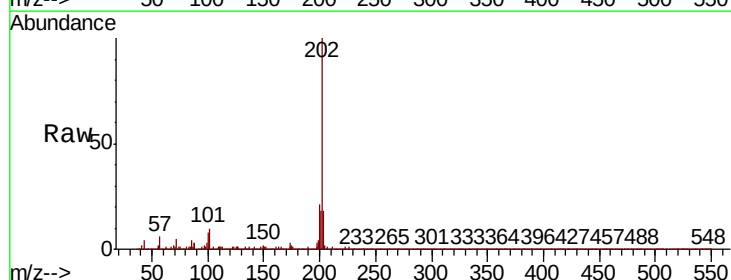
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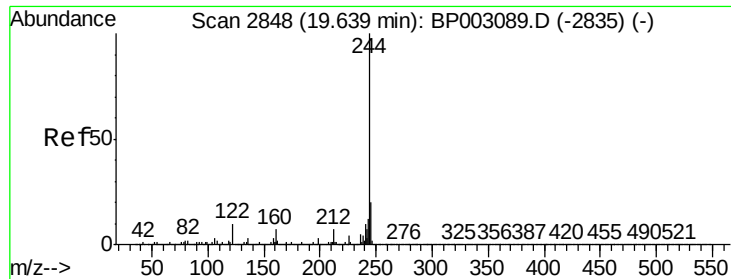
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#78
Pyrene
Concen: 13.380 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.8	14.2	21.2





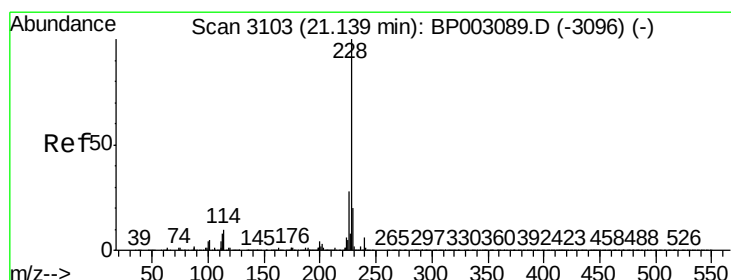
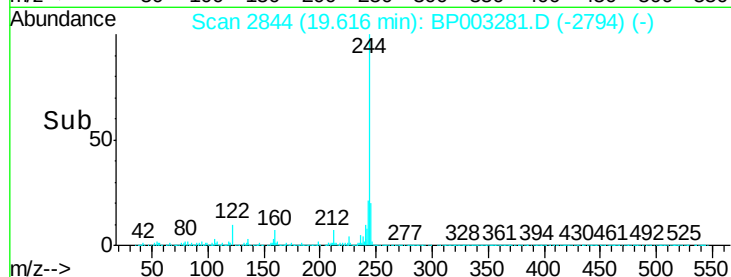
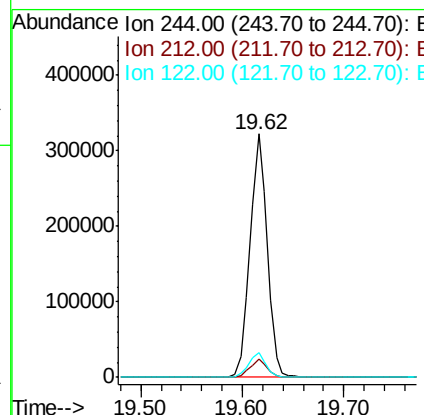
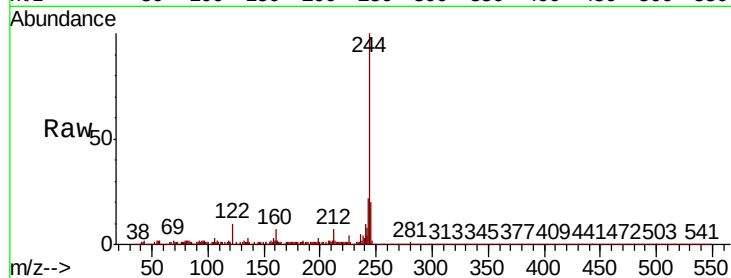
#79
 Terphenyl-d14
 Concen: 12.079 ng
 RT: 19.62 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.1	7.8	11.8

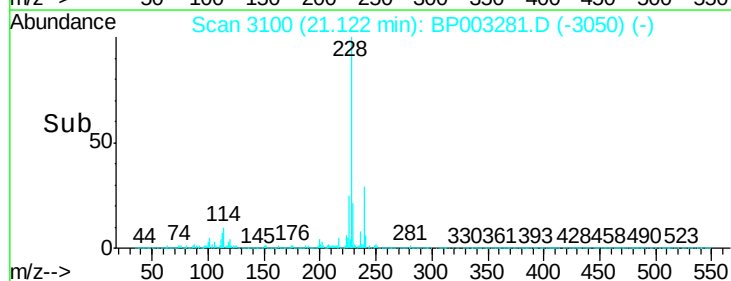
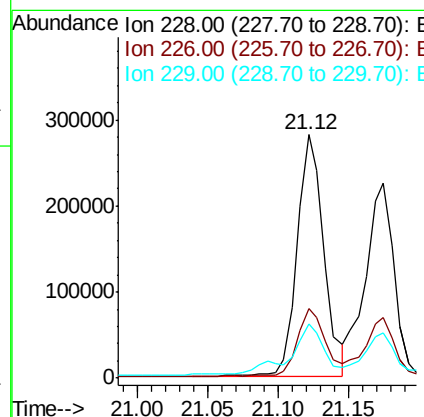
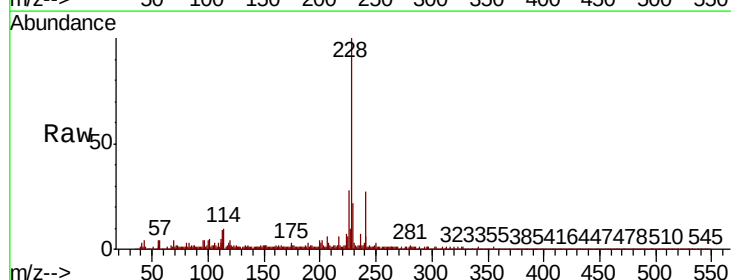
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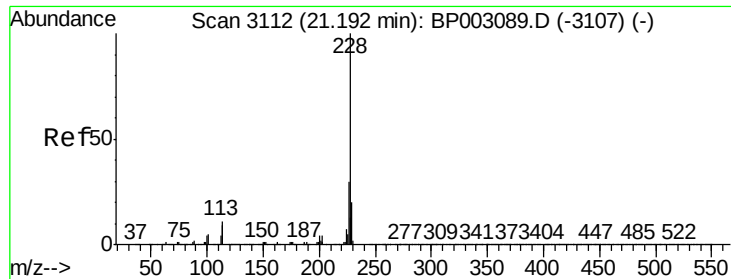
mohammad
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#81
 Benzo(a)anthracene
 Concen: 8.507 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	22.0	15.9	23.9





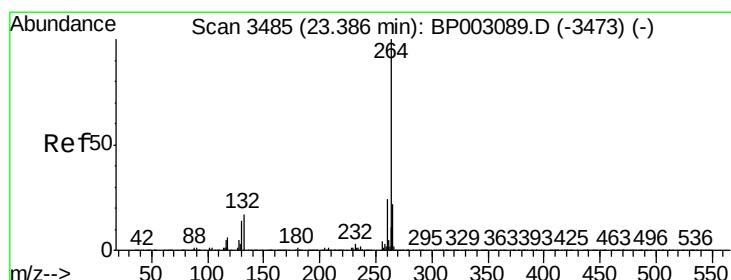
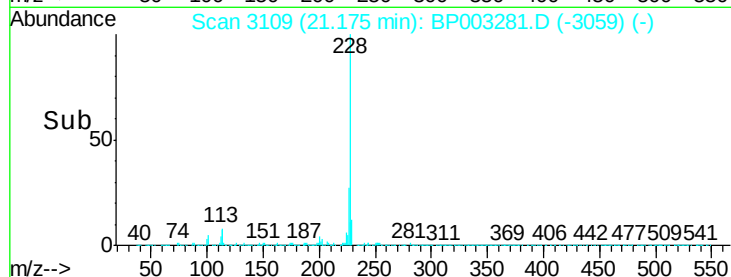
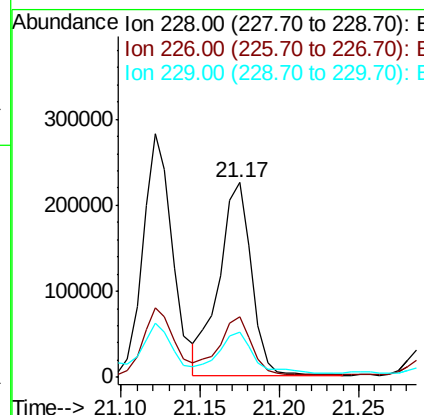
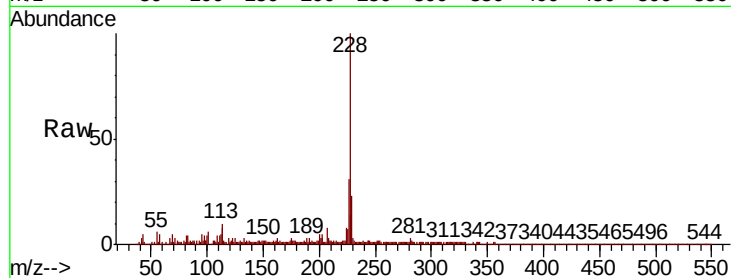
#83
Chrysene
Concen: 7.676 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		319040		
226	31.0		24.4	36.6	
229	23.3		15.8	23.6	

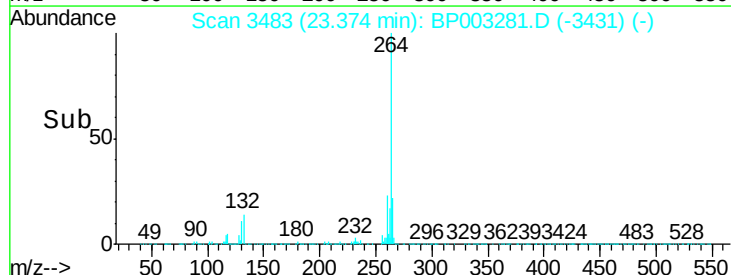
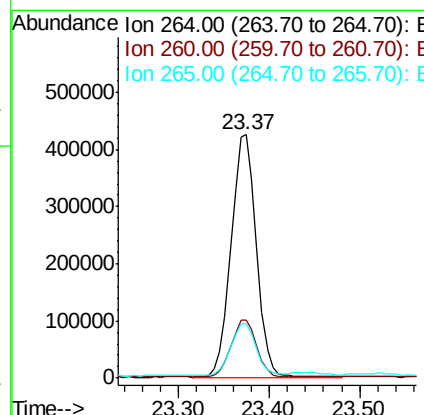
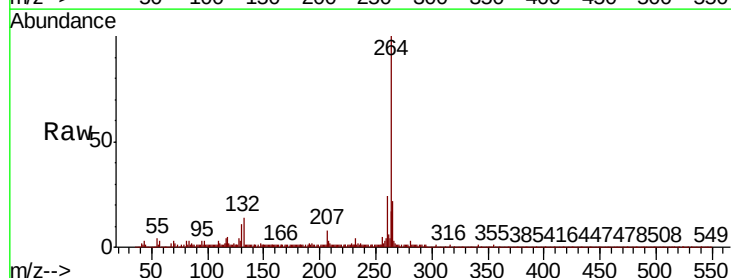
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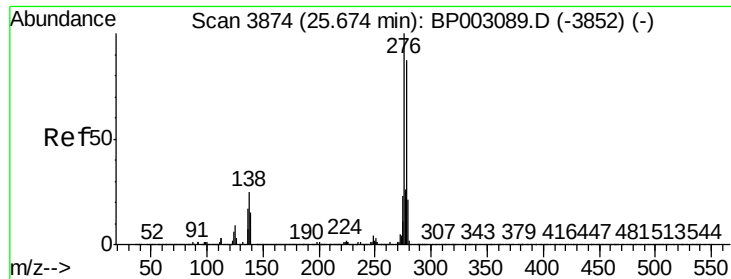
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		819158		
260	23.8		18.8	28.2	
265	22.5		17.4	26.2	





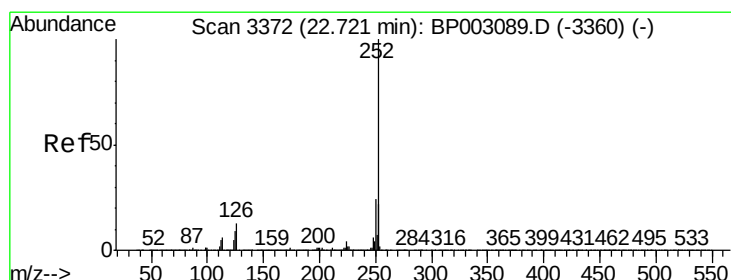
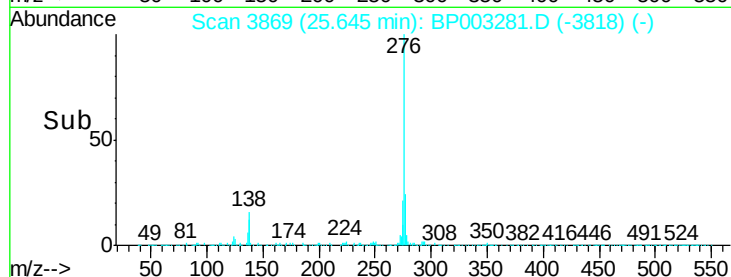
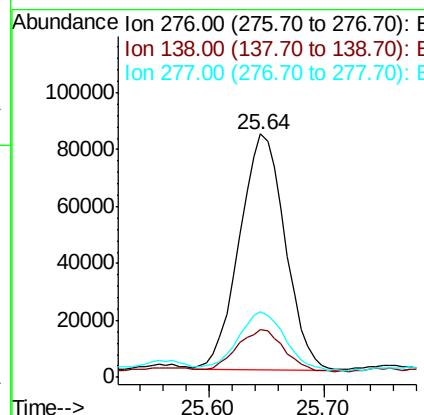
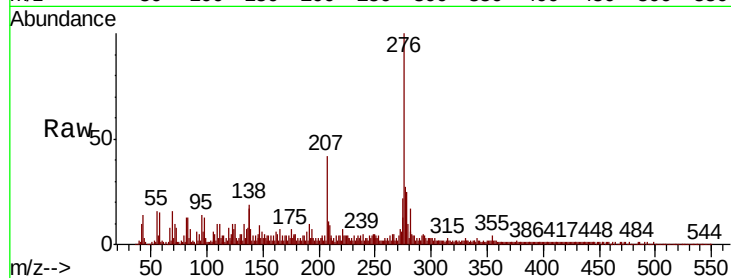
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.730 ng
 RT: 25.64 min Scan# 3869
 Delta R.T. -0.00 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	18.7	28.1#
277	25.8	20.4	30.6

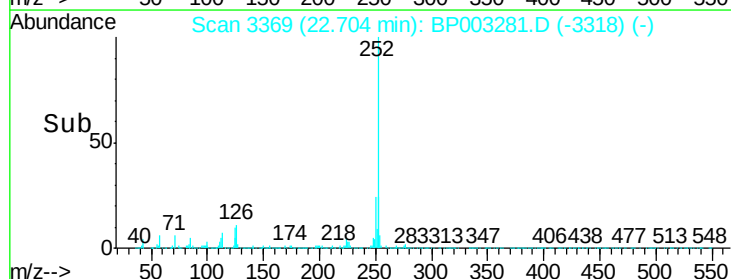
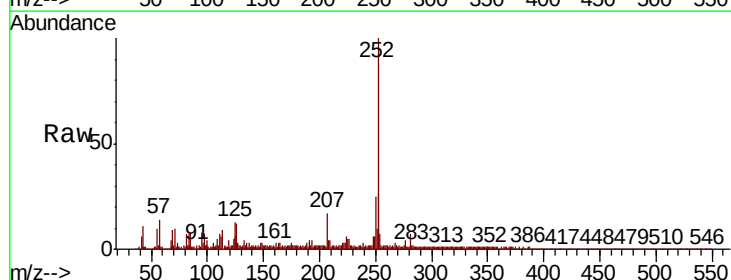
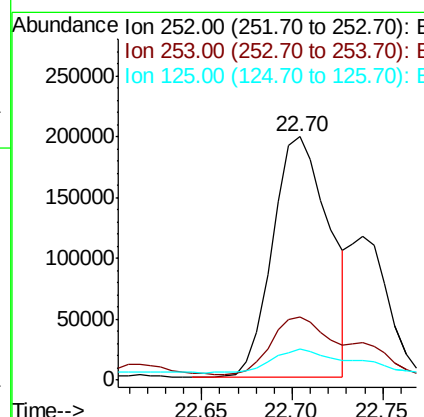
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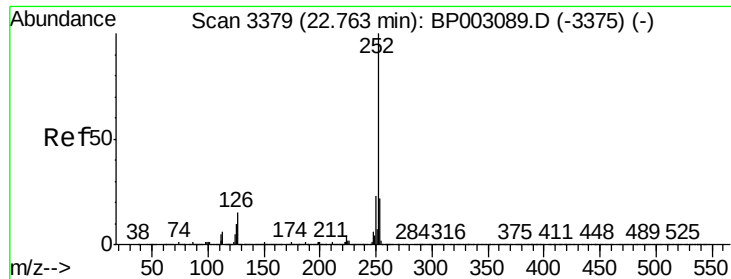
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 8.448 ng
 RT: 22.70 min Scan# 3369
 Delta R.T. -0.00 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	12.5	7.3	10.9#





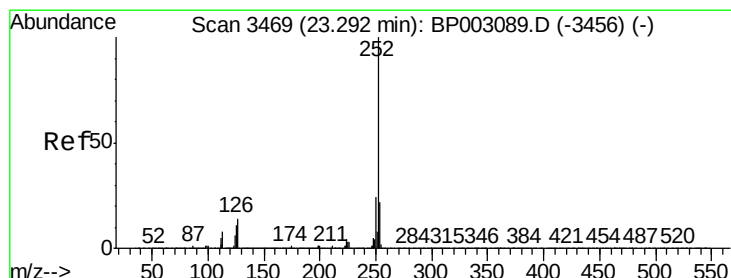
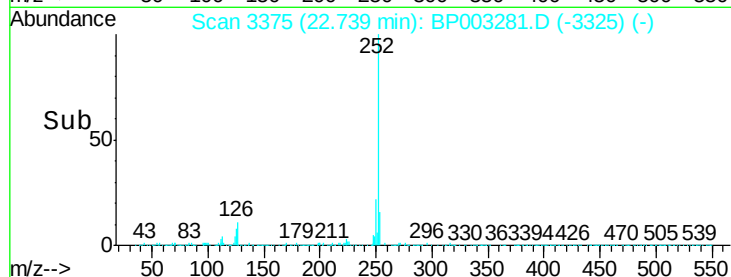
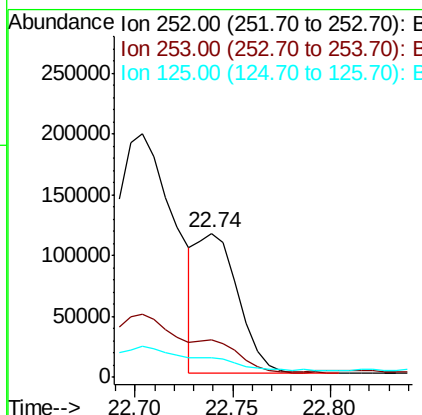
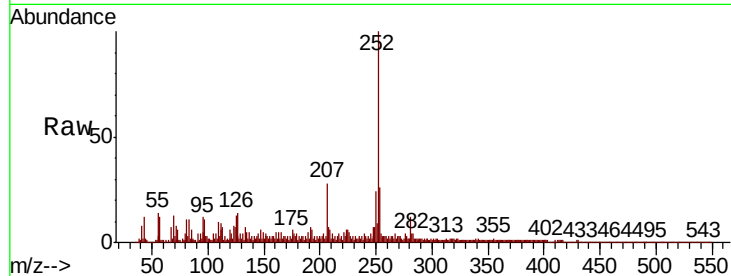
#89
Benzo(k)fluoranthene
Concen: 3.473 ng m
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	13.3	7.4	11.2

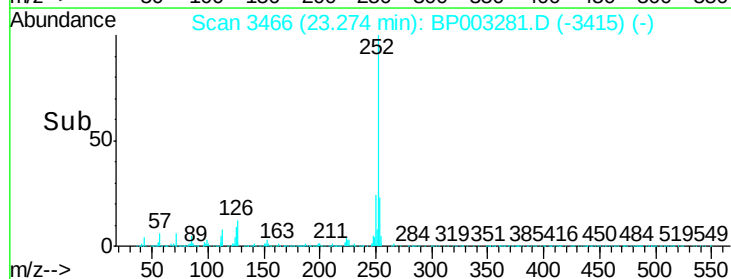
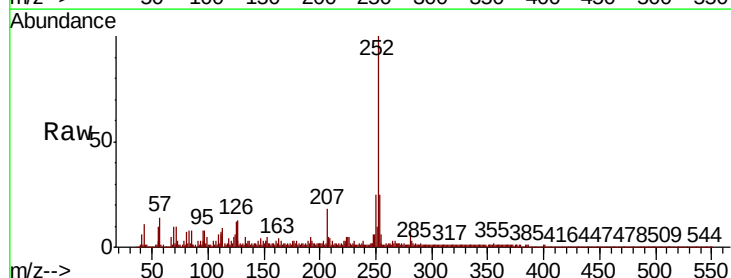
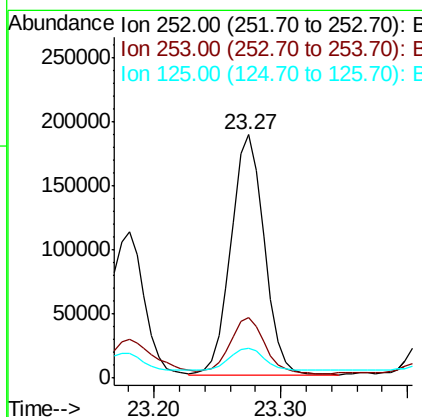
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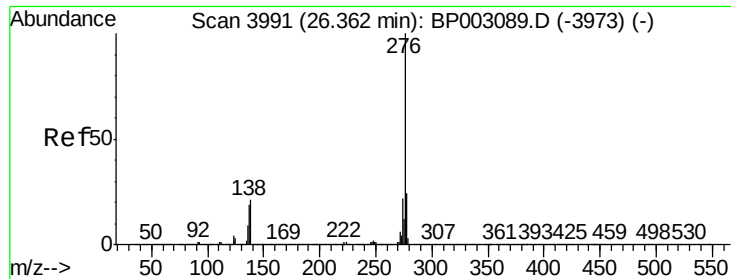
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#90
Benzo(a)pyrene
Concen: 7.204 ng
RT: 23.27 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	12.3	8.2	12.4





#92
 Benzo(a,h,i)perylene
 Concen: 4.245 ng
 RT: 26.34 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: BP003281.D
 Acq: 14 Sep 2020 22:21

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-091120

Tot Ion:	276	Resp:	213792
Ion Ratio		Lower	Upper
276	100		
277	27.0	19.0	28.6
138	19.9	16.6	24.8

Manual Integrations
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