

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
 Data File : BP003234.D
 Acq On : 08 Sep 2020 19:12
 Operator : CG/JU
 Sample : L3877-17DL3 8X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4DL3

Manual Integrations
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Sohil
 9/9/2020 3:50:16 PM

Quant Time: Sep 09 09:01:12 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	7.65	152	277131	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	995265	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	534986	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	961913	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1000916	20.00	ng	0.00
86) Perylene-d12	23.38	264	1139394	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	133833	8.54	ng	0.00
7) Phenol-d6	6.84	99	158693	8.08	ng	0.00
23) Nitrobenzene-d5	8.80	82	94530	6.85	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	53060	7.33	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	230743	6.32	ng	0.00
79) Terphenyl-d14	19.62	244	256126	5.63	ng	0.00
Target Compounds						
31) Naphthalene	10.48	128	188654	3.689	ng	Qvalue # 94
37) 2-Methylnaphthalene	12.10	142	979077	26.766	ng	99
38) 1-Methylnaphthalene	12.33	142	1591532	45.777	ng	100
49) Acenaphthylene	14.02	152	200521	4.037	ng	# 81
52) Acenaphthene	14.36	154	264271	8.661	ng	98
58) Fluorene	15.35	166	361790	9.801	ng	# 98
71) Phenanthrene	17.09	178	1189684	22.825	ng	99
72) Anthracene	17.18	178	388683	7.792	ng	99
75) Fluoranthene	19.07	202	613370	10.182	ng	98
78) Pyrene	19.42	202	1078893	16.608	ng	99
81) Benzo(a)anthracene	21.13	228	363584m	5.799	ng	
83) Chrysene	21.18	228	355940	5.929	ng	95
88) Benzo(b)fluoranthene	22.71	252	267760m	3.781	ng	
90) Benzo(a)pyrene	23.28	252	252143	3.838	ng	96
92) Benzo(a,h,i)perylene	26.34	276	151946	2.169	ng	95

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

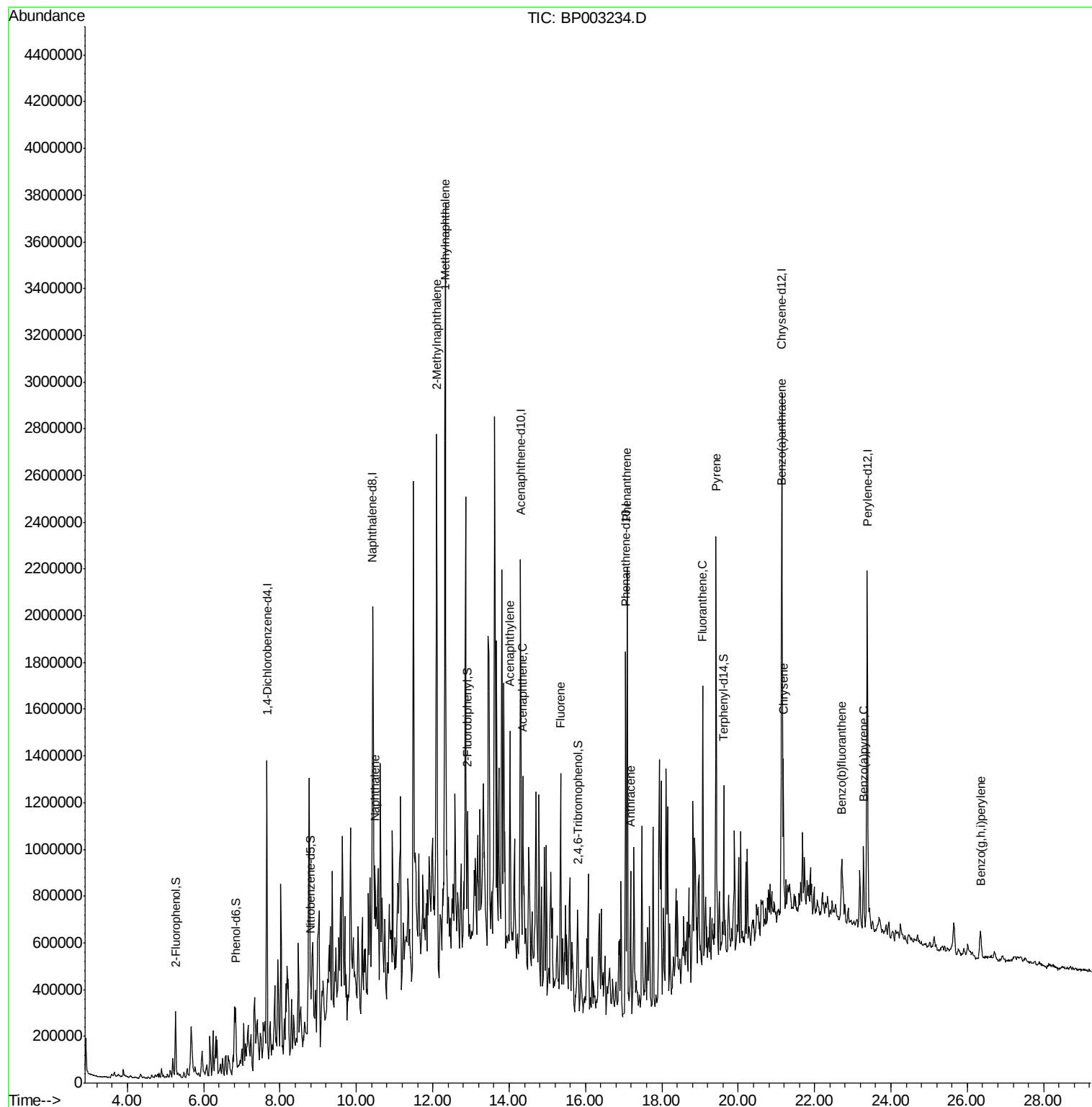
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003234.D
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Operator : CG/JU
Sample : L3877-17DL3 8X
Misc :
ALS Vial : 14 Sample Multiplier: 1

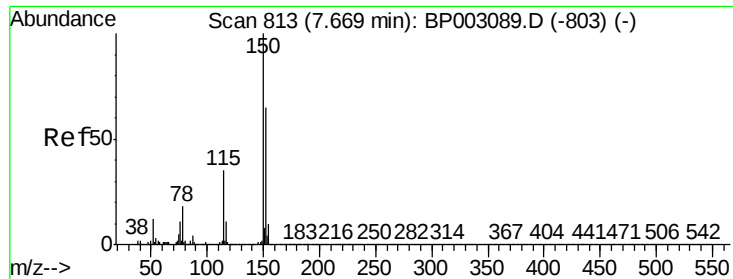
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#1

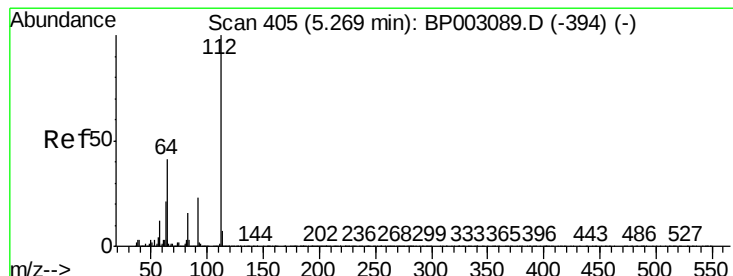
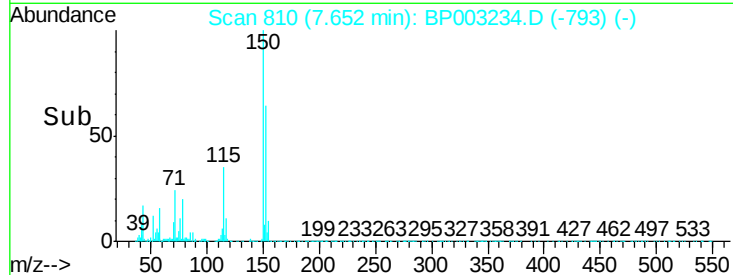
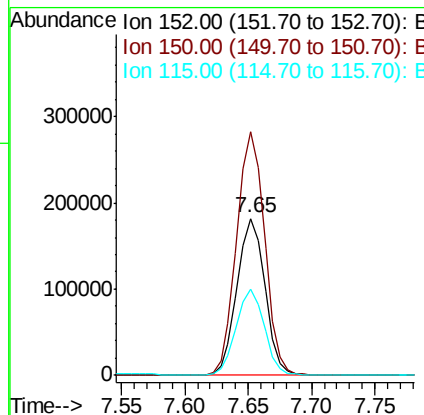
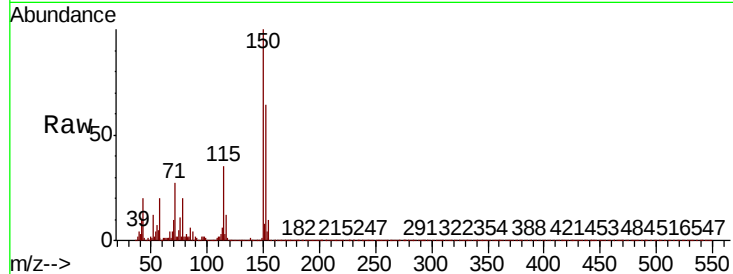
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. 0.00 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampled :
TP-4DL3

Tot Ion	Ratio	Resp	Lower	Upper
152	100	277131		
150	155.5	123.8	185.6	
115	54.8	43.8	65.6	

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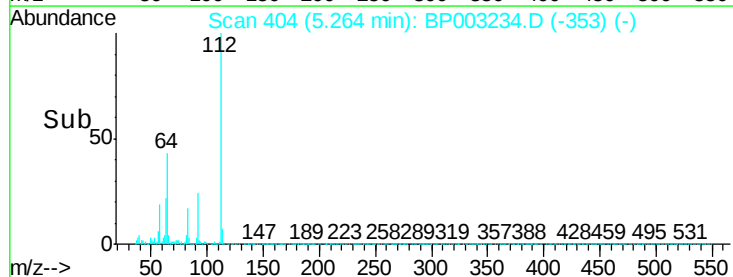
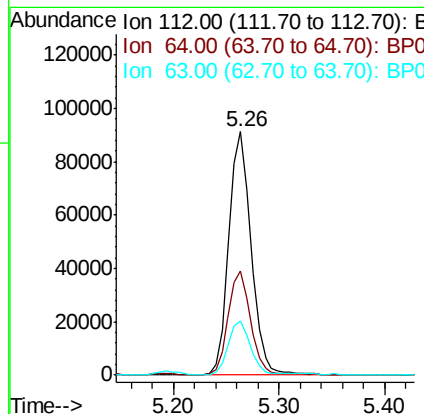
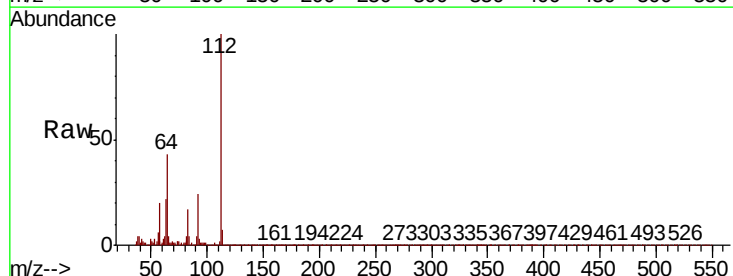
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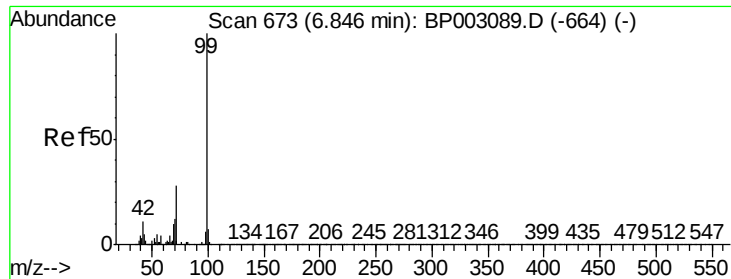


#5

2-Fluorophenol
Concen: 8.538 ng
RT: 5.26 min Scan# 404
Delta R.T. 0.00 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	133833		
64	43.0	32.8	49.2	
63	22.0	17.0	25.4	





#7

Phenol-d6

Concen: 8.076 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003234.D

Acq: 08 Sep 2020 19:12

Instrument :

BNA_P

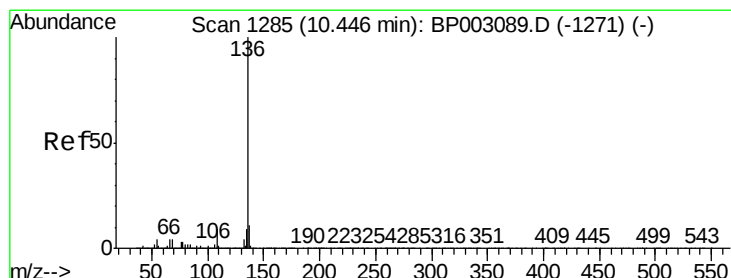
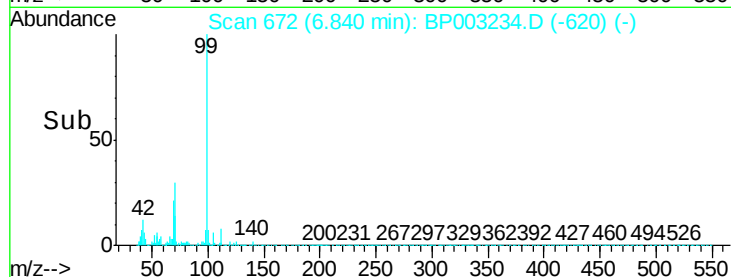
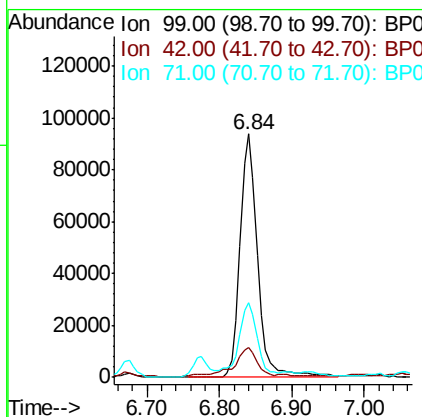
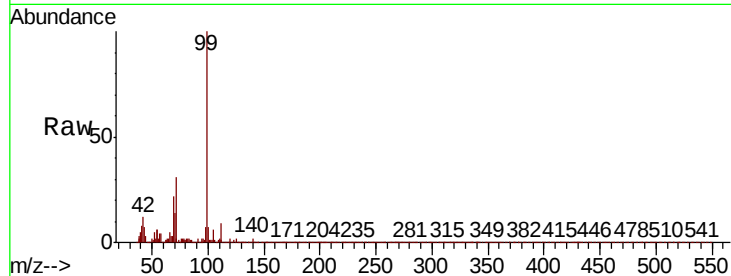
ClientSampleId :

TP-4DL3

Tot Ion:	99	Resp:	158693
Ion Ratio	Lower	Upper	
99	100		
42	12.1	8.6	13.0
71	30.6	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

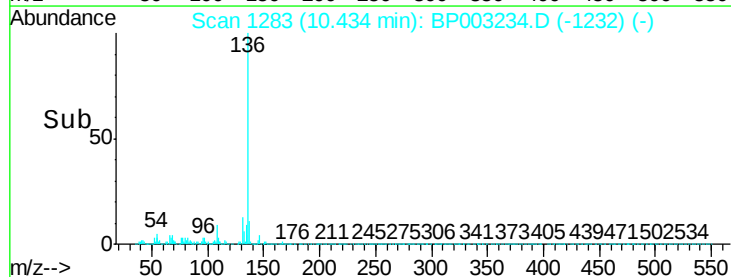
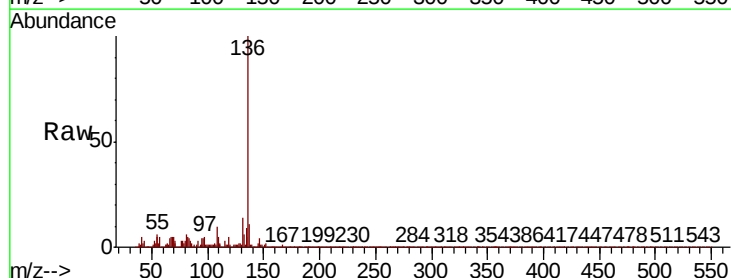
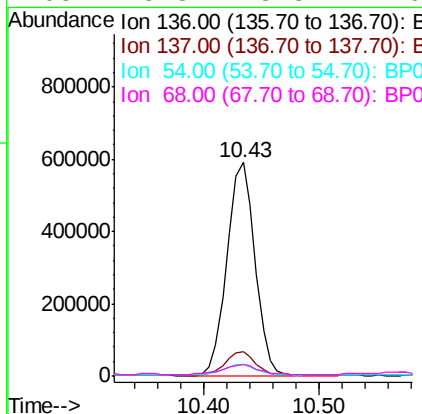
RT: 10.43 min Scan# 1283

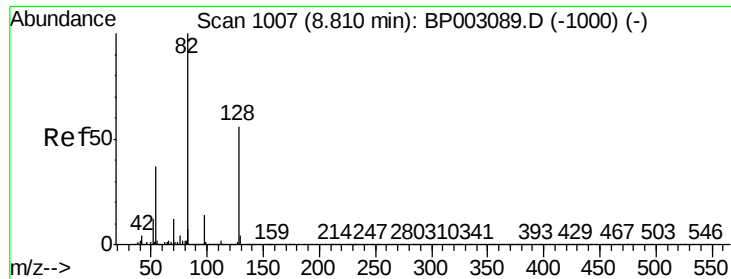
Delta R.T. 0.00 min

Lab File: BP003234.D

Acq: 08 Sep 2020 19:12

Tgt Ion:	136	Resp:	995265
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	5.2	3.6	5.4
68	5.3	3.3	4.9#





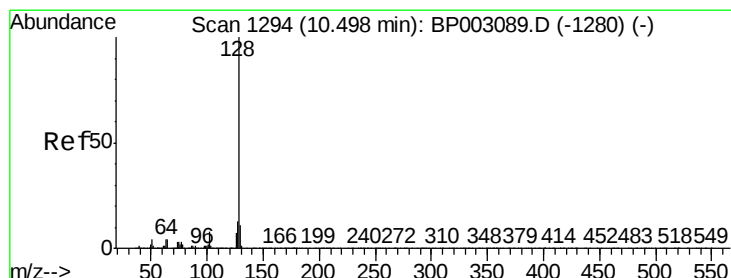
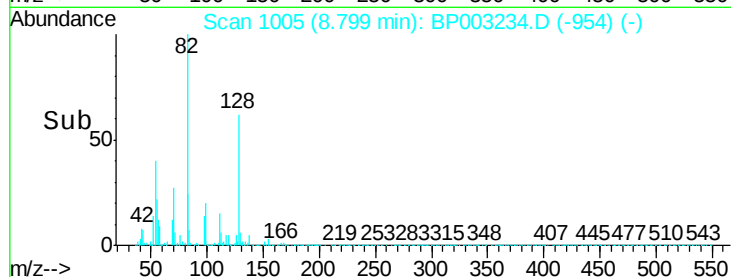
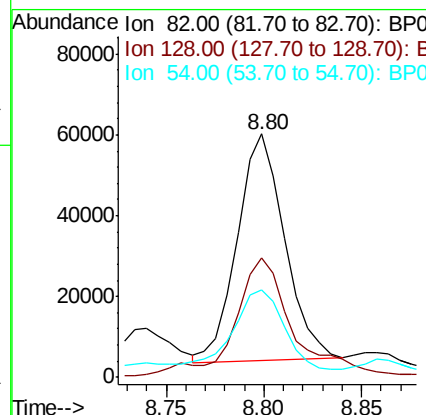
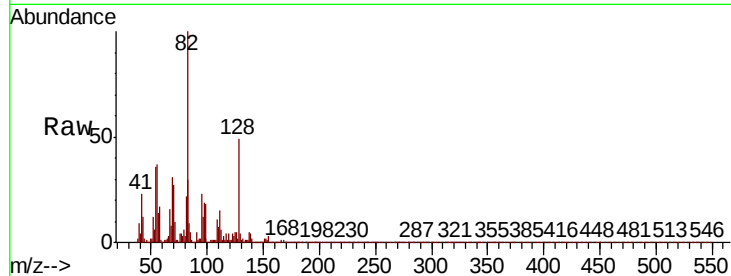
#23
 Nitrobenzene-d5
 Concen: 6.847 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Instrument :
 BNA_P
 ClientSampled :
 TP-4DL3

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	45.6	68.4
54	36.1	30.1	45.1

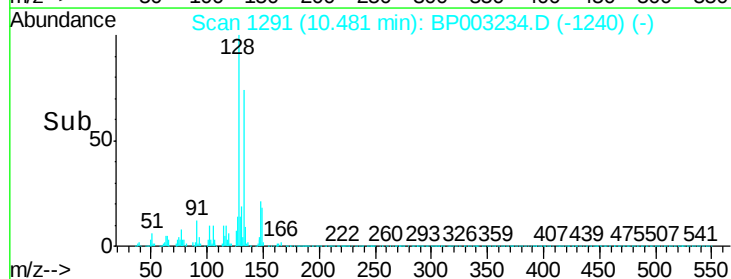
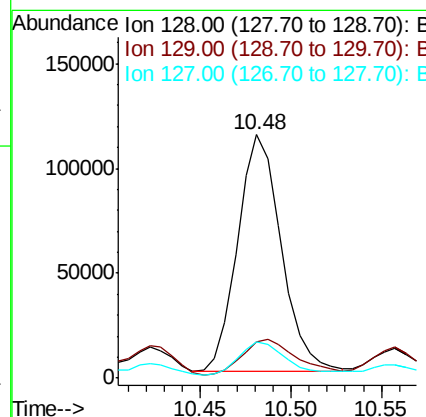
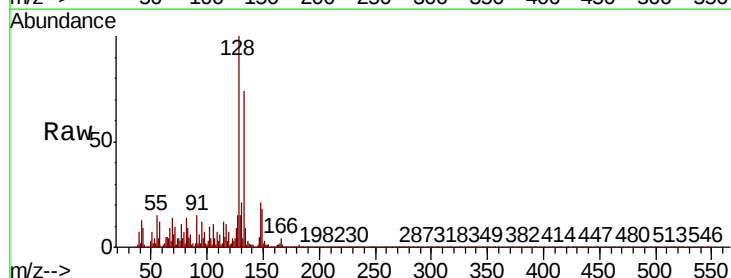
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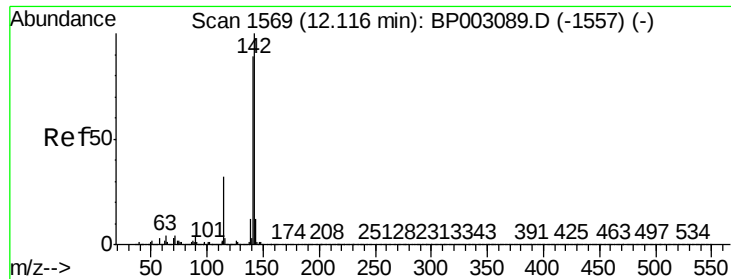
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#31
 Naphthalene
 Concen: 3.689 ng
 RT: 10.48 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.7	8.8	13.2#
127	14.6	10.6	15.8





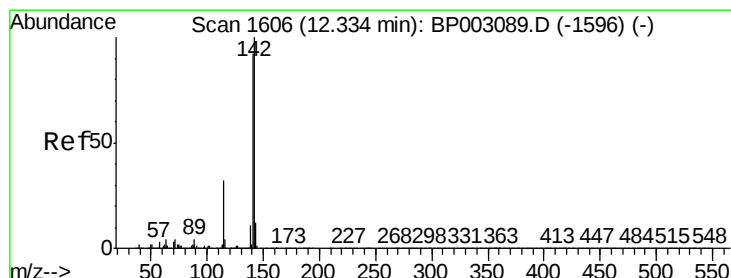
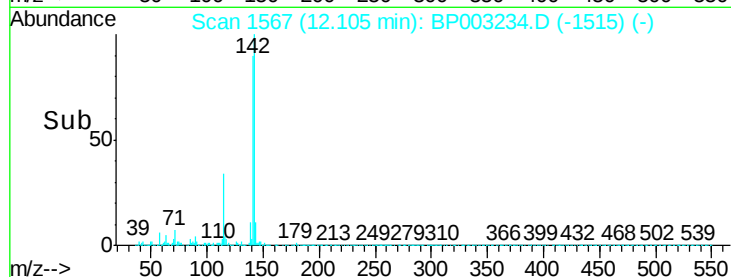
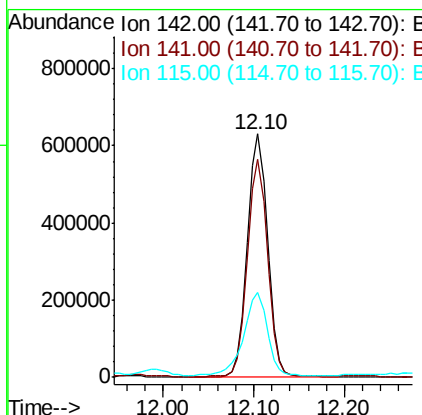
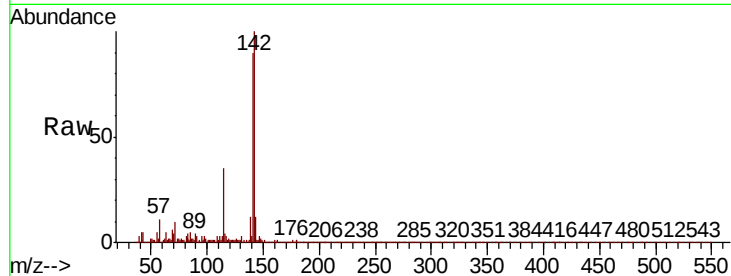
#37
 2-Methylnaphthalene
 Concen: 26.766 ng
 RT: 12.10 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Instrument :
 BNA_P
 ClientSampleId :
 TP-4DL3

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	34.6	25.8	38.6

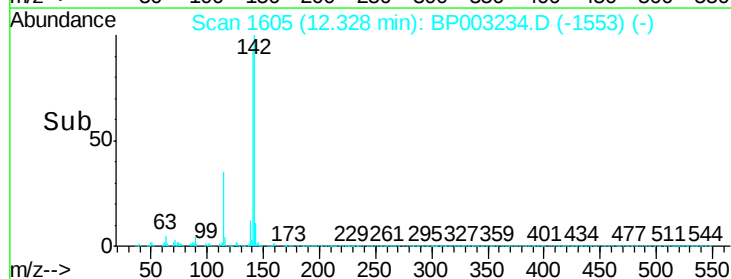
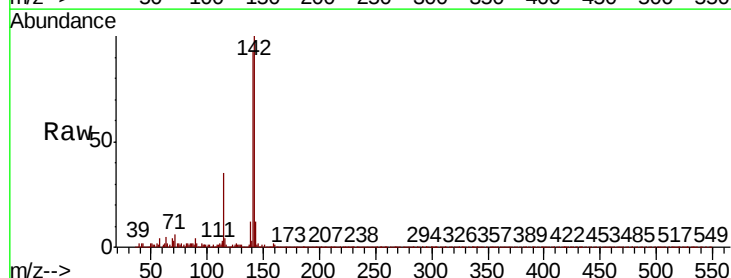
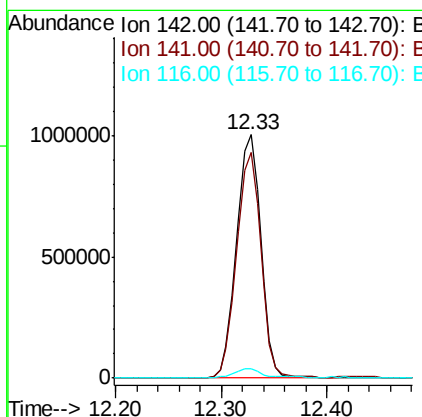
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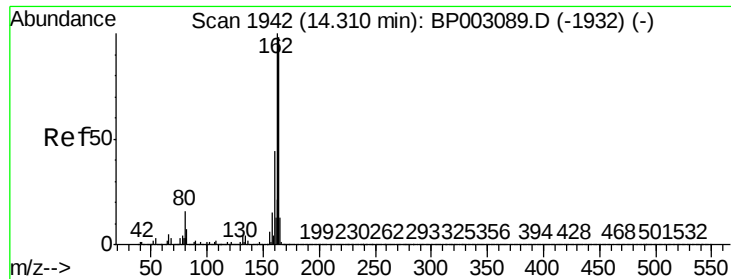
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#38
 1-Methylnaphthalene
 Concen: 45.777 ng
 RT: 12.33 min Scan# 1605
 Delta R.T. 0.01 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.4	111.6
116	3.7	2.9	4.3





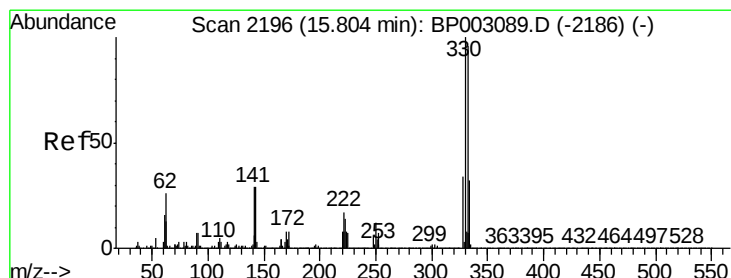
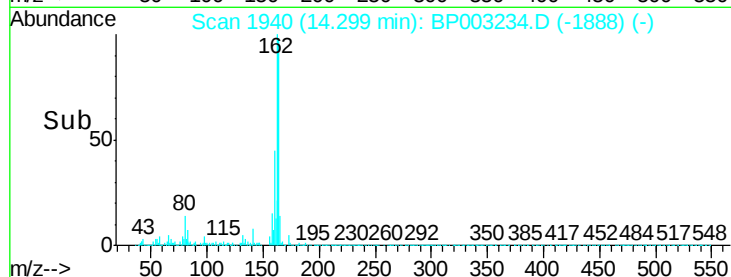
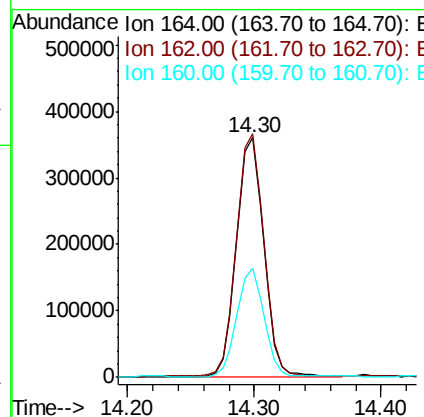
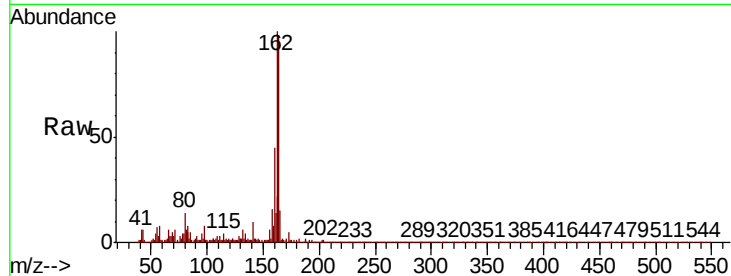
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampled :
TP-4DL3

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	79.4	119.2	
160	45.8	36.1	54.1	

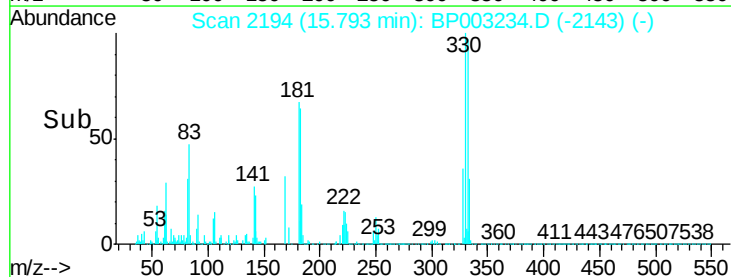
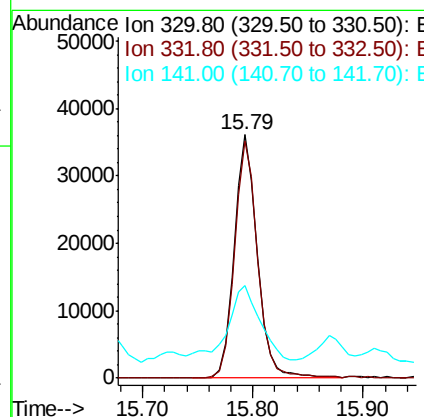
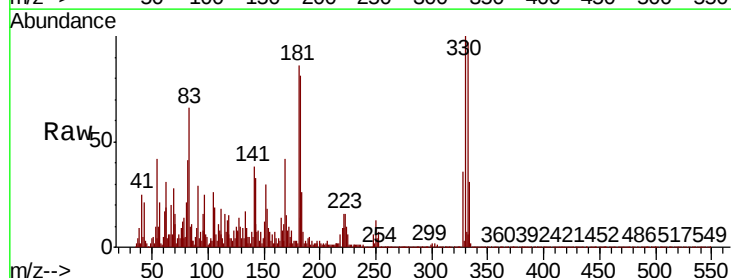
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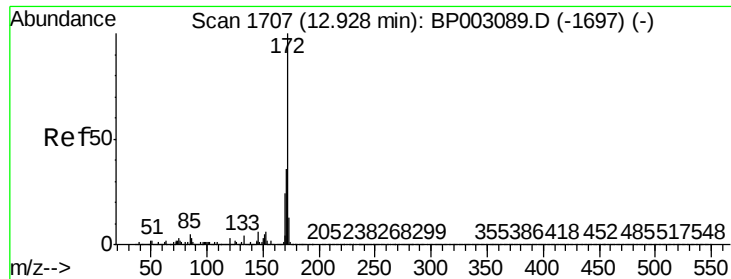
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#42
2,4,6-Tribromophenol
Concen: 7.333 ng
RT: 15.79 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.1	115.7	
141	41.9	23.4	35.2#	





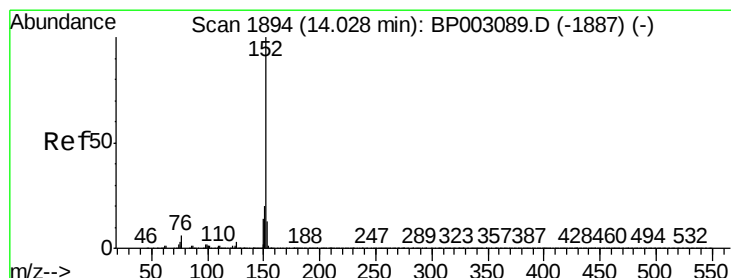
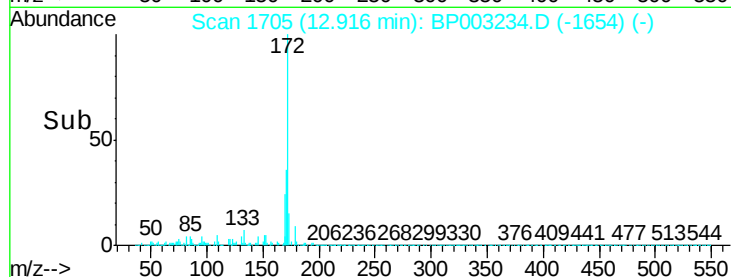
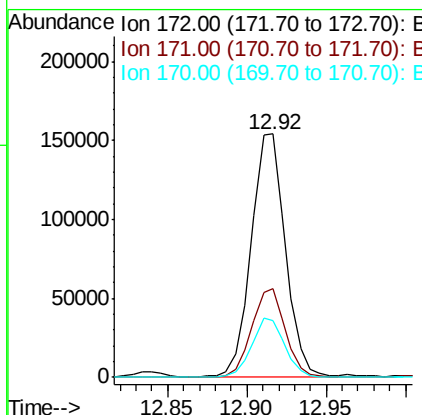
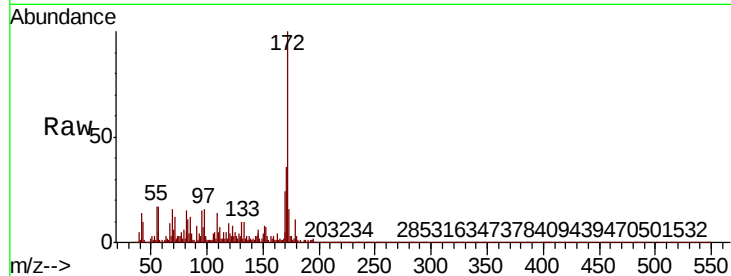
#45
2-Fluorobiphenyl
Concen: 6.316 ng
RT: 12.92 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampled :
TP-4DL3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.6	19.2	28.8

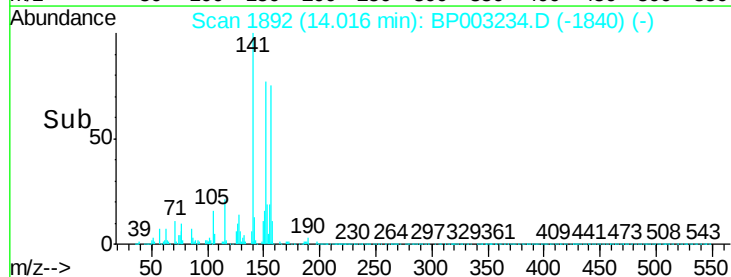
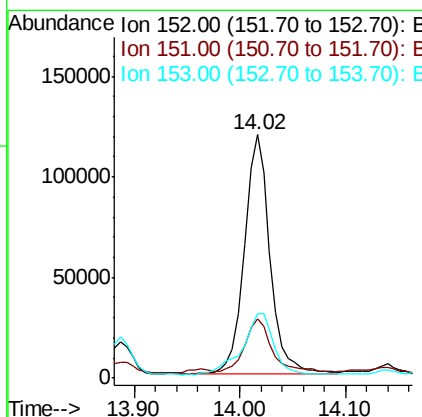
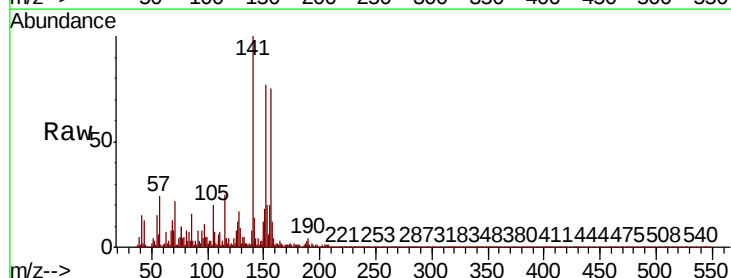
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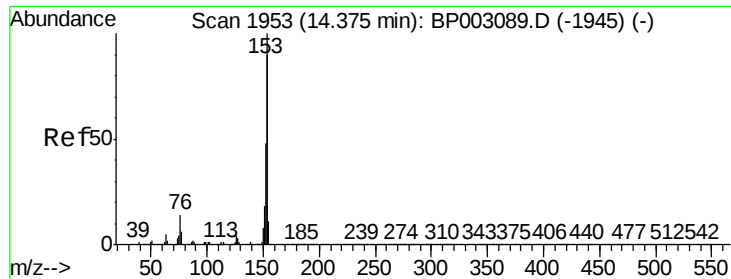
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#49
Acenaphthylene
Concen: 4.037 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.9	23.9#
153	26.5	10.5	15.7#





#52

Acenaphthene

Concen: 8.661 ng

RT: 14.36 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BP003234.D

Acq: 08 Sep 2020 19:12

Instrument :

BNA_P

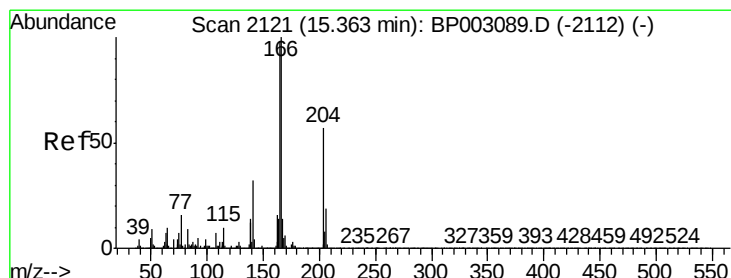
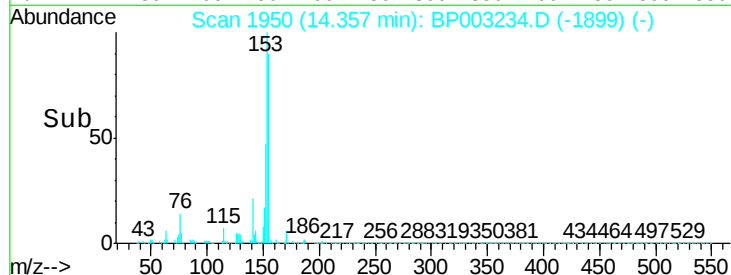
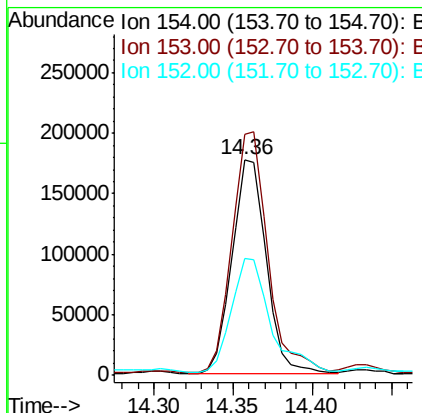
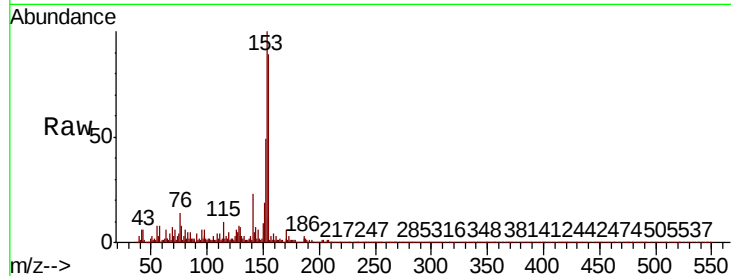
ClientSampled :

TP-4DL3

Tot Ion:	154	Resp:	264271
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.0	136.6
152	54.4	43.0	64.6

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#58

Fluorene

Concen: 9.801 ng

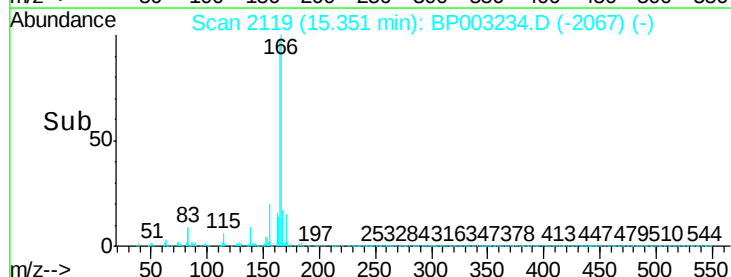
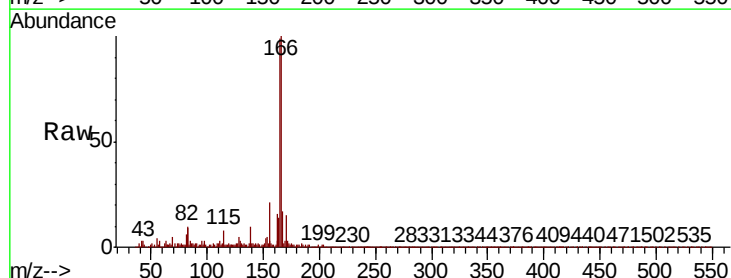
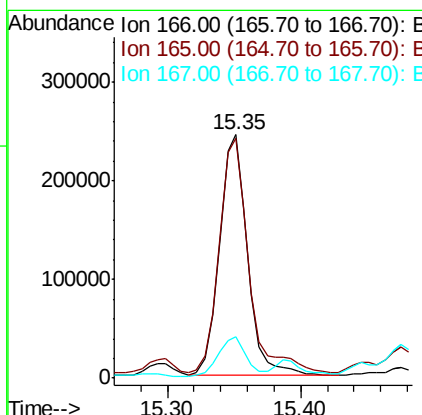
RT: 15.35 min Scan# 2119

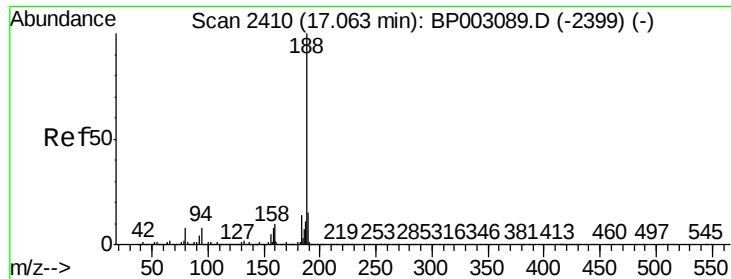
Delta R.T. 0.01 min

Lab File: BP003234.D

Acq: 08 Sep 2020 19:12

Tgt Ion:	166	Resp:	361790
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.8	116.8
167	16.9	11.0	16.4#





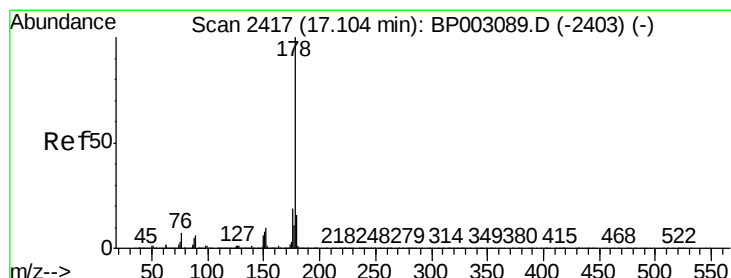
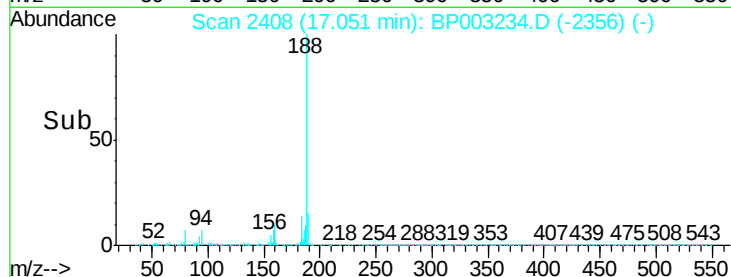
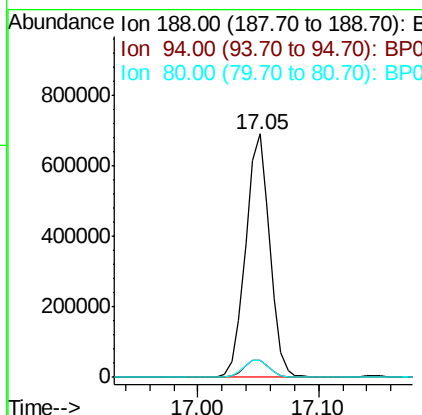
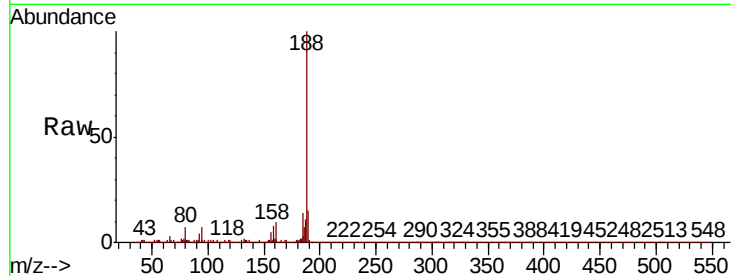
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampleId :
TP-4DL3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.1	6.2	9.2

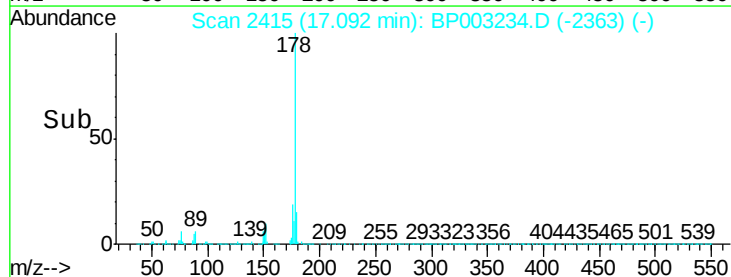
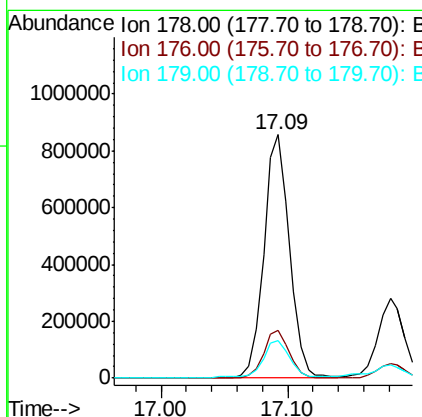
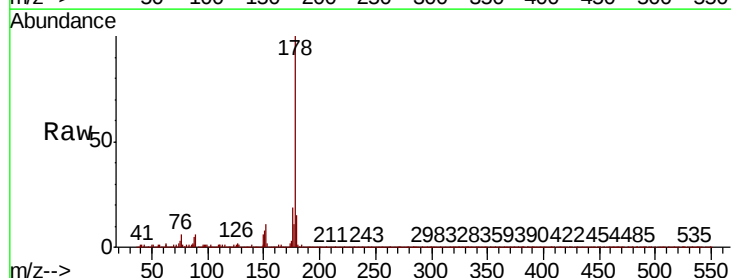
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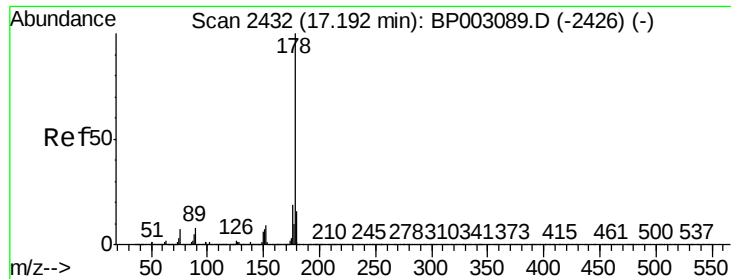
Sohil
9/9/2020 3:50:16 PM



#71
Phenanthrene
Concen: 22.825 ng
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.3	12.5	18.7





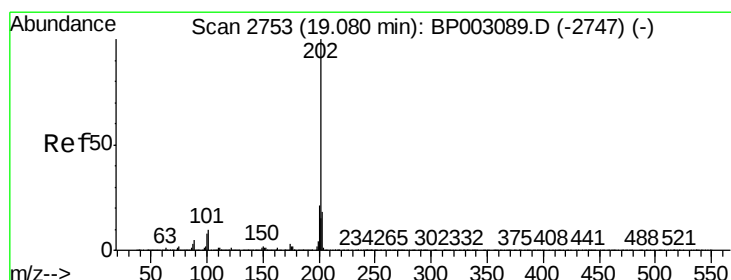
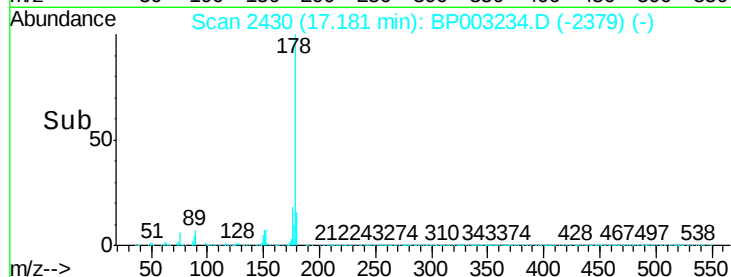
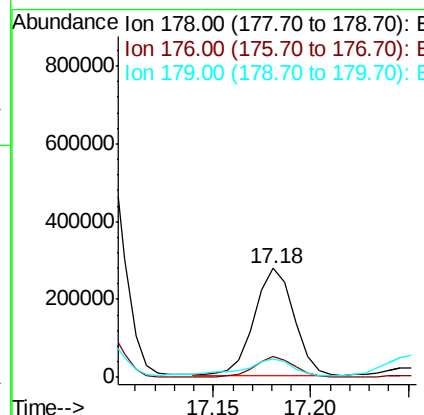
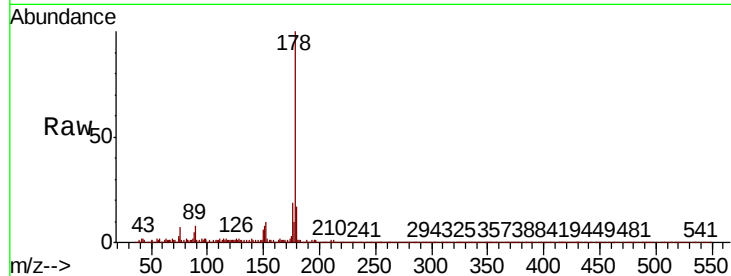
#72
 Anthracene
 Concen: 7.792 ng
 RT: 17.18 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Instrument :
 BNA_P
 ClientSampled :
 TP-4DL3

Tot Ion:178	Resp:	388683
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	16.8	12.5 18.7

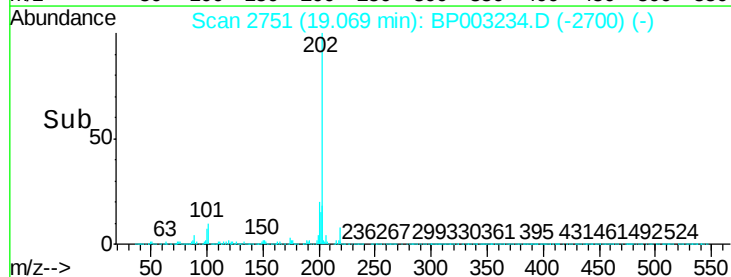
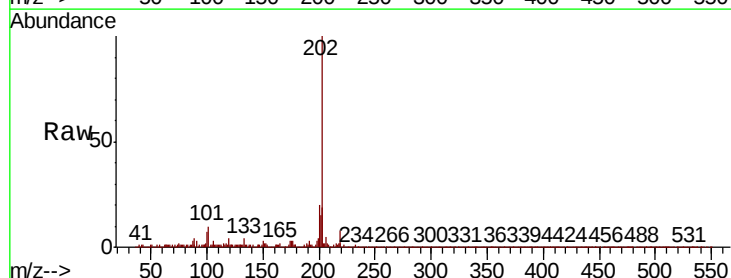
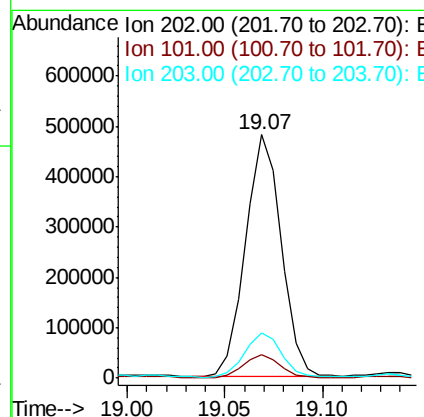
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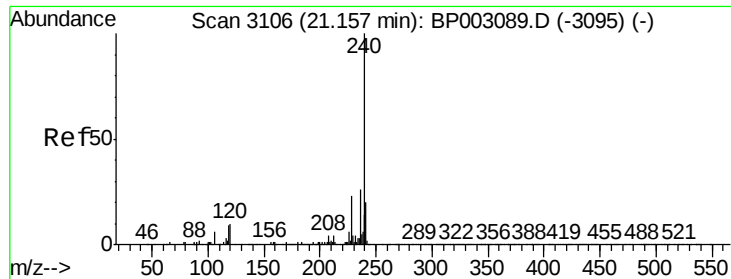
Sohil
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#75
 Fluoranthene
 Concen: 10.182 ng
 RT: 19.07 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Tgt Ion:202	Resp:	613370
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 29.4
203	18.7	0.0 37.8





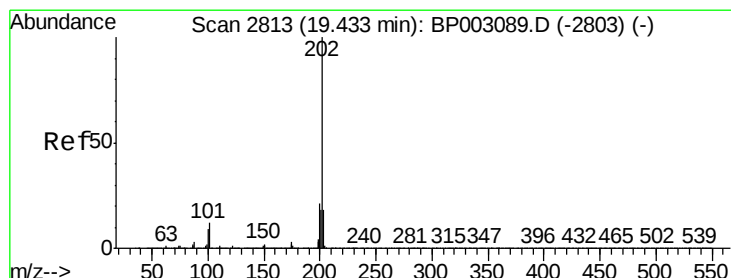
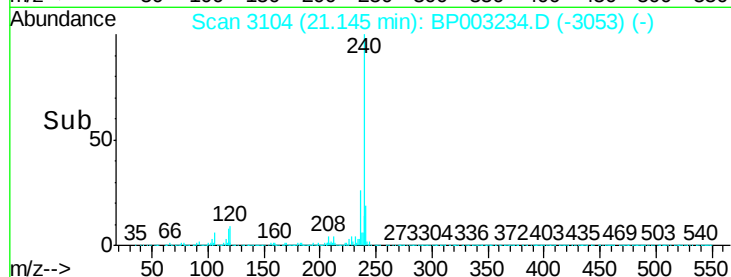
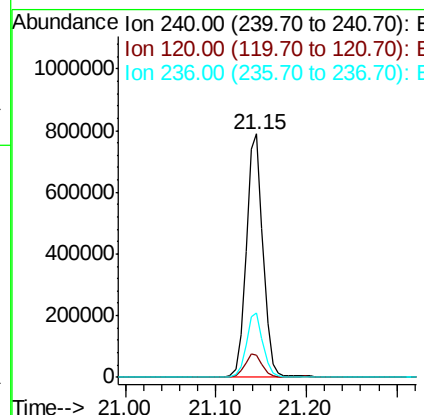
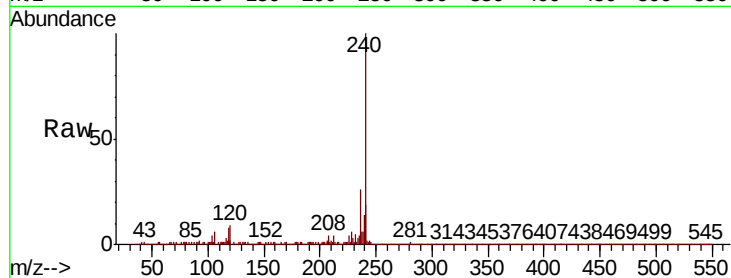
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampled :
TP-4DL3

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.8	11.6
236	26.2	20.8	31.2

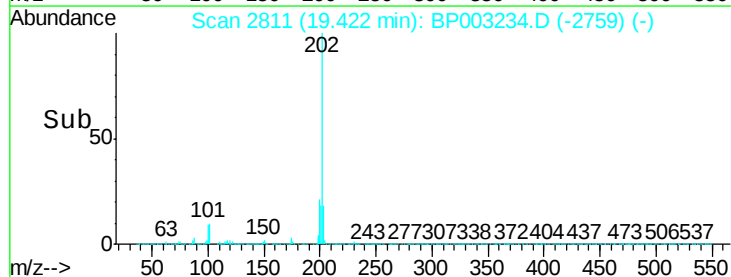
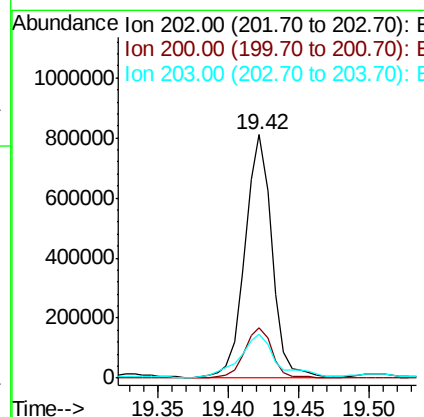
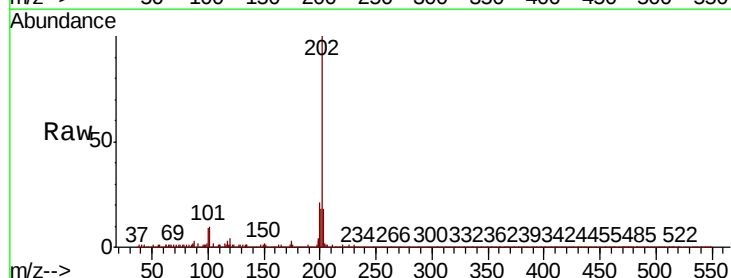
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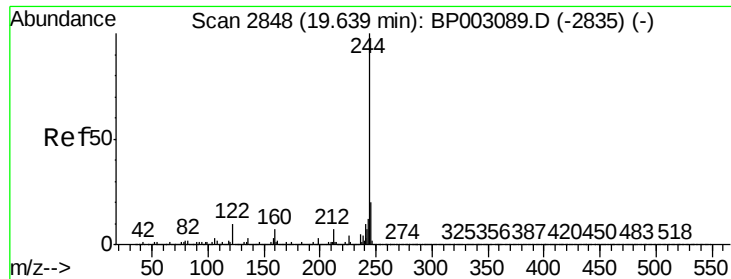
Sohil
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#78
Pyrene
Concen: 16.608 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.9	14.2	21.2





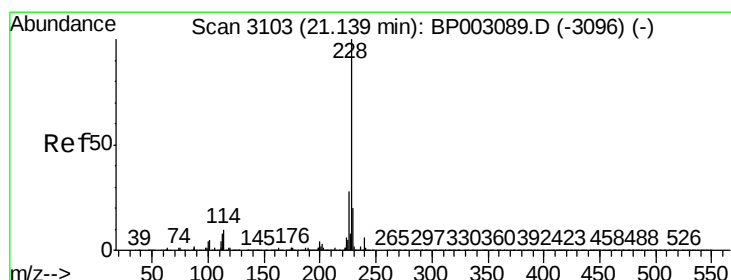
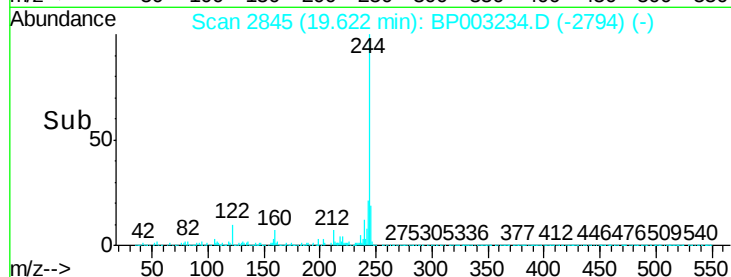
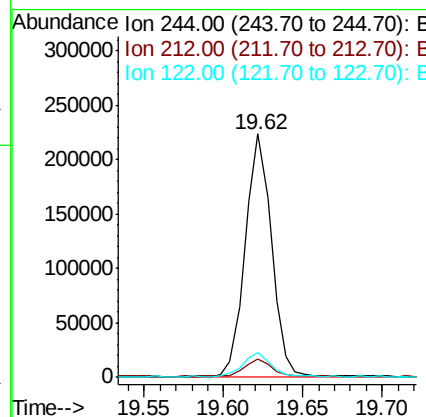
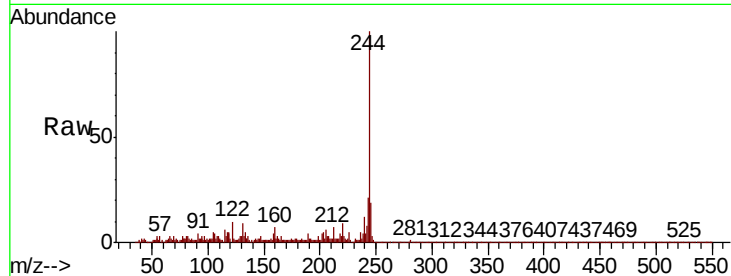
#79
 Terphenyl-d14
 Concen: 5.631 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Instrument :
 BNA_P
 ClientSampleId :
 TP-4DL3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.4	7.8	11.8

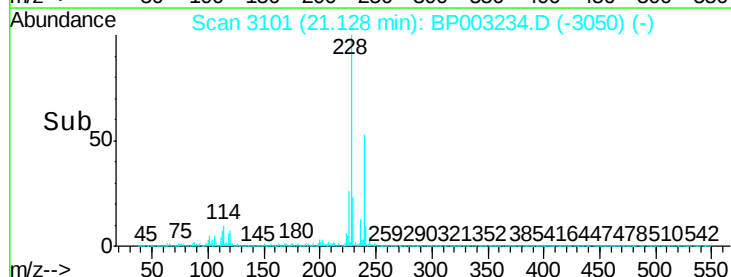
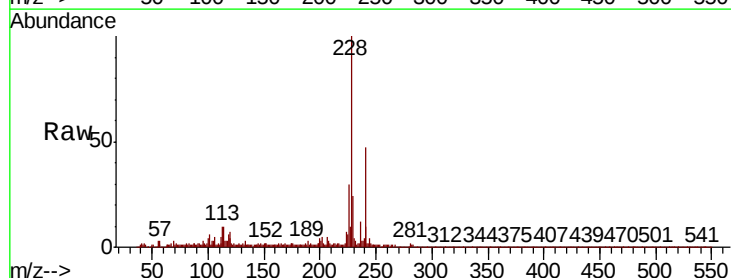
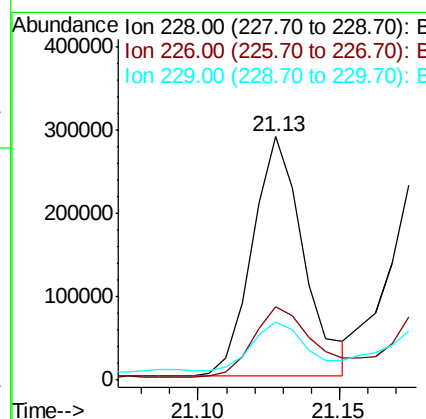
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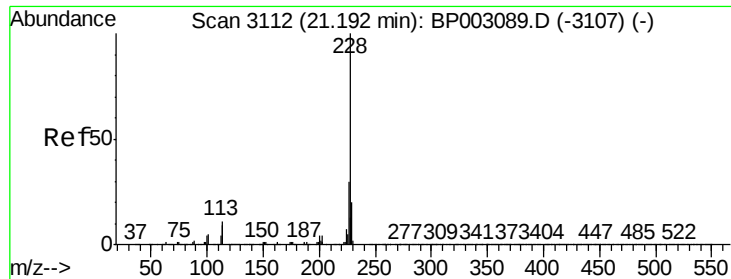
Sohil
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#81
 Benzo(a)anthracene
 Concen: 5.799 ng m
 RT: 21.13 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BP003234.D
 Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	24.0	15.9	23.9#





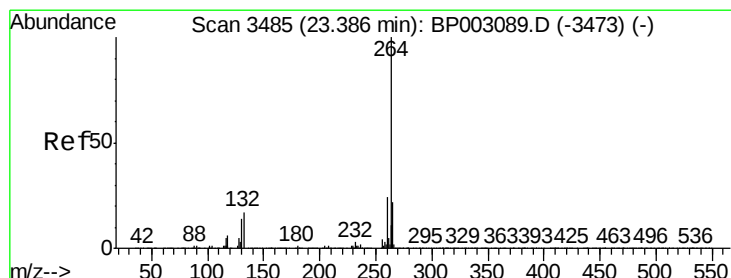
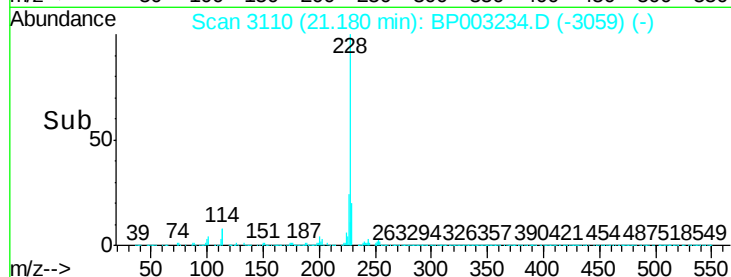
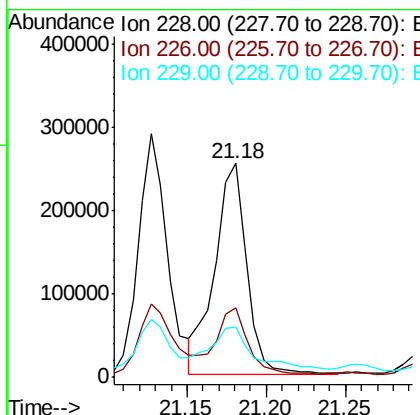
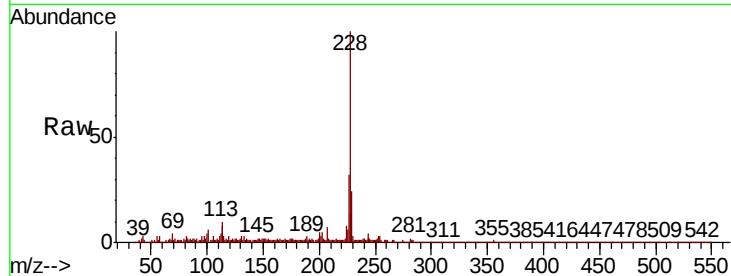
#83
Chrysene
Concen: 5.929 ng
RT: 21.18 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
Client Sampled :
TP-4DL3

Tot Ion:	228	Resp:	355940
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.4	36.6
229	23.6	15.8	23.6

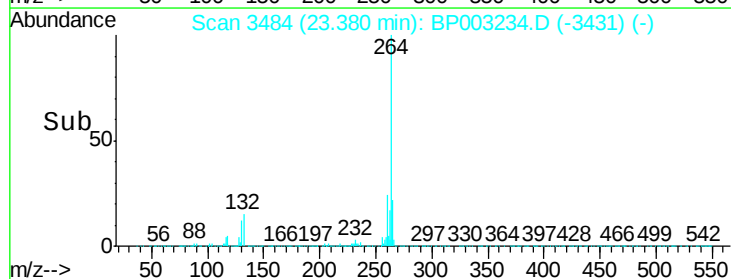
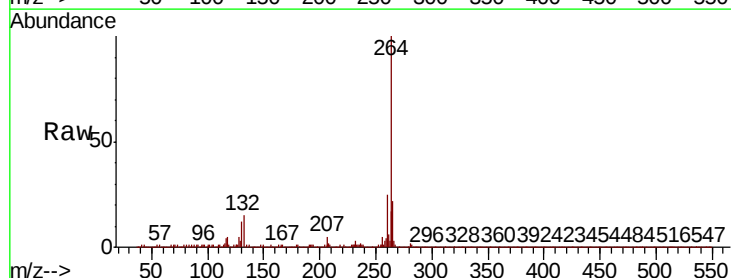
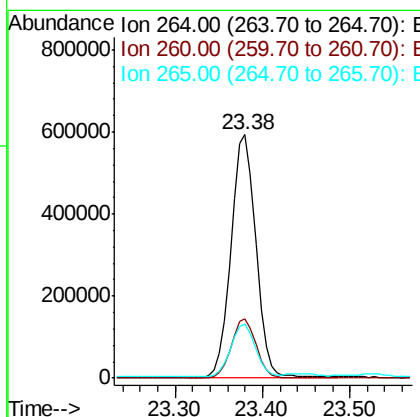
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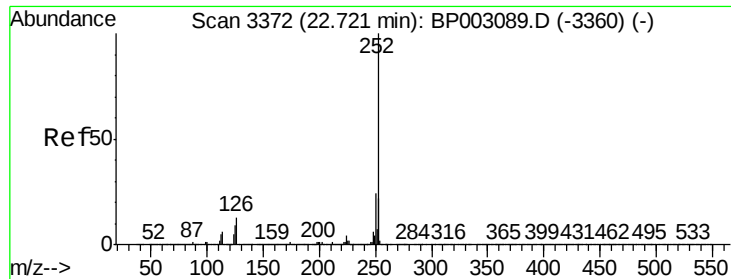
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion:	264	Resp:	1139394
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.8	28.2
265	22.2	17.4	26.2





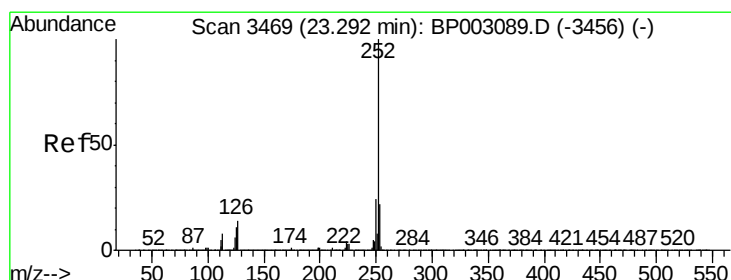
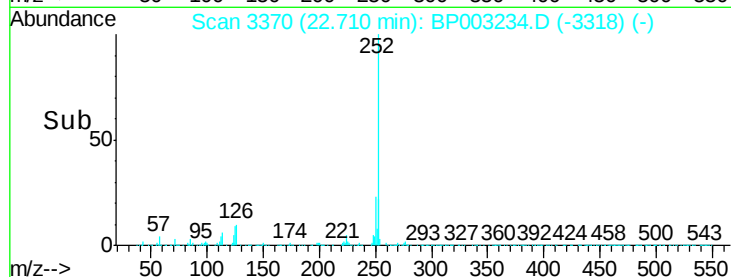
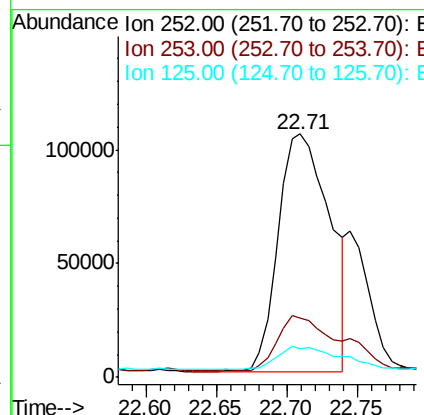
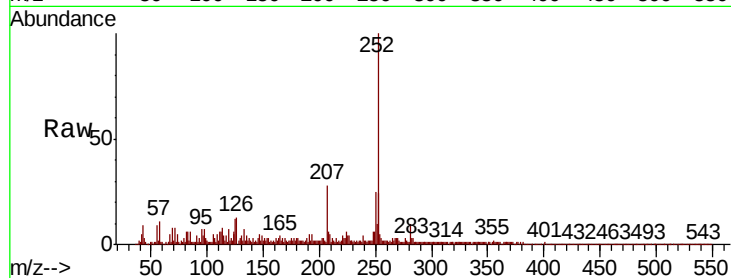
#88
Benzo(b)fluoranthene
Concen: 3.781 ng m
RT: 22.71 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampled :
TP-4DL3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	11.7	7.3	10.9

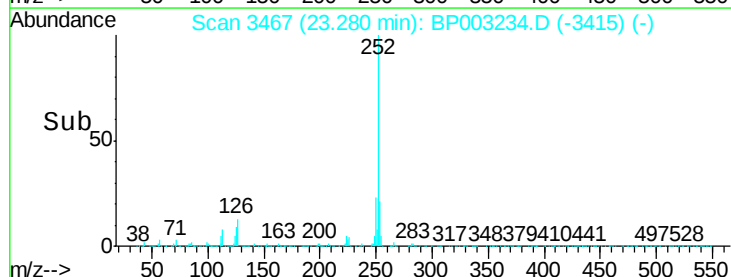
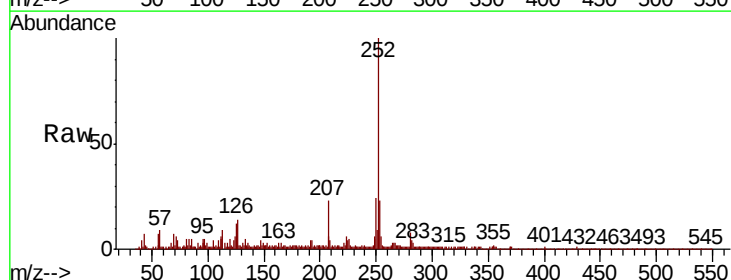
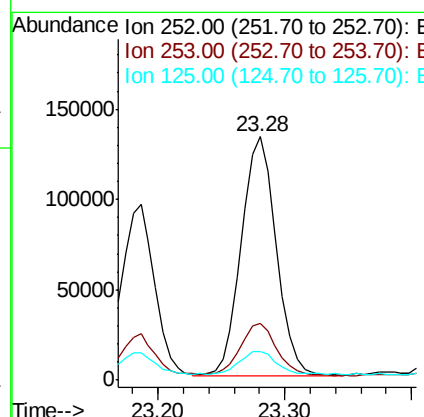
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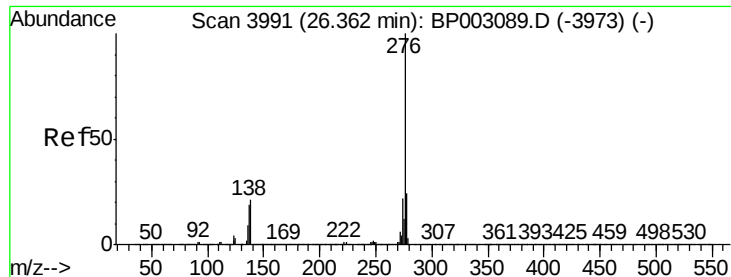
Sohil
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#90
Benzo(a)pyrene
Concen: 3.838 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.7	8.2	12.4





#92
Benzo(a,h,i)perylene
Concen: 2.169 ng
RT: 26.34 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BP003234.D
Acq: 08 Sep 2020 19:12

Instrument :
BNA_P
ClientSampleId :
TP-4DL3

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.0	28.6
138	19.2	16.6	24.8

Manual Integrations
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