

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003217.D
 Acq On : 04 Sep 2020 18:24
 Operator : CG/JU
 Sample : L3877-14 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Sep 05 07:44:08 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	305184	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1164759	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	639627	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1093513	20.00	ng	0.00
76) Chrysene-d12	21.15	240	920346	20.00	ng	0.00
86) Perylene-d12	23.39	264	1075260	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	235146	13.62	ng	0.00
7) Phenol-d6	6.84	99	278895	12.89	ng	0.00
23) Nitrobenzene-d5	8.80	82	161259	9.98	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	98969	11.44	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	424977	9.73	ng	0.00
79) Terphenyl-d14	19.62	244	380770	9.10	ng	0.00
Target Compounds						
31) Naphthalene	10.48	128	357639	5.976	ng	99
37) 2-Methylnaphthalene	12.10	142	136504m	3.189	ng	
38) 1-Methylnaphthalene	12.32	142	238881	5.871	ng	# 98
49) Acenaphthylene	14.02	152	250551	4.219	ng	96
52) Acenaphthene	14.36	154	119403	3.273	ng	99
58) Fluorene	15.35	166	154738	3.506	ng	97
71) Phenanthrene	17.09	178	1424802	24.046	ng	100
72) Anthracene	17.18	178	414651	7.312	ng	99
75) Fluoranthene	19.07	202	1493858	21.813	ng	99
78) Pyrene	19.42	202	2738096	45.839	ng	99
81) Benzo(a)anthracene	21.13	228	1458337	25.297	ng	94
83) Chrysene	21.18	228	1677410	30.390	ng	97
87) Indeno(1,2,3-cd)pyrene	25.66	276	1050386	13.099	ng	96
88) Benzo(b)fluoranthene	22.72	252	1704118m	25.499	ng	
89) Benzo(k)fluoranthene	22.75	252	420519m	6.586	ng	
90) Benzo(a)pyrene	23.29	252	1746298	28.166	ng	98
91) Dibenzo(a,h)anthracene	25.66	278	355950	5.404	ng	# 83
92) Benzo(g,h,i)perylene	26.36	276	1384138	20.938	ng	98

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

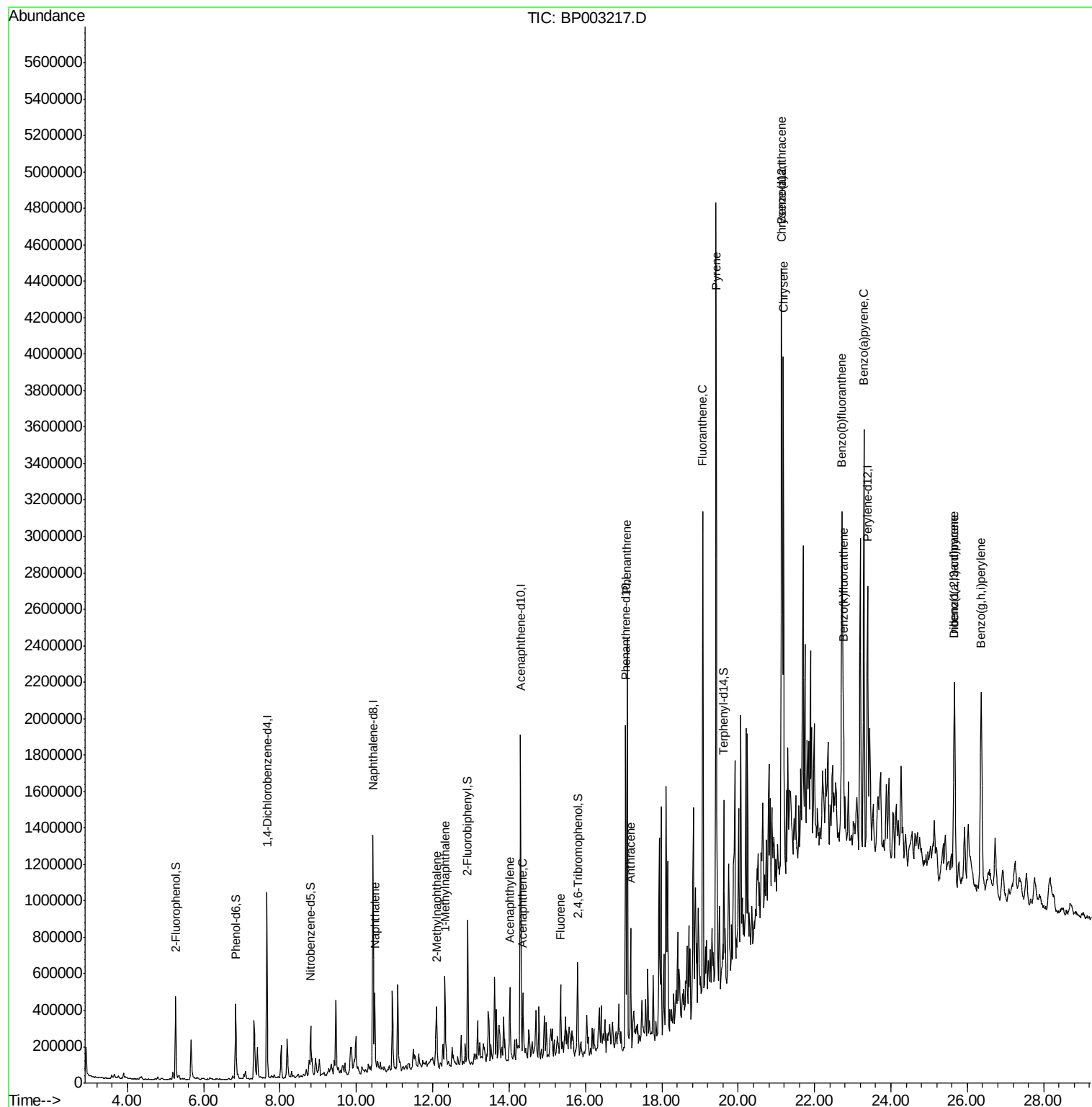
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
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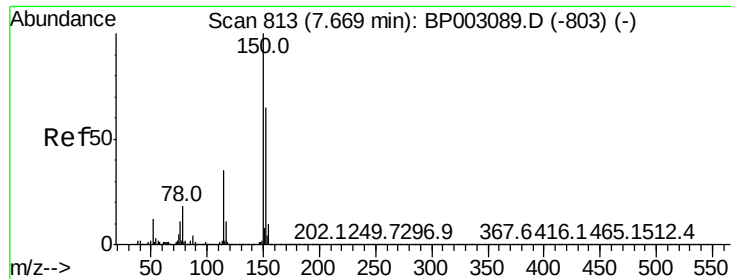
Instrument :
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TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

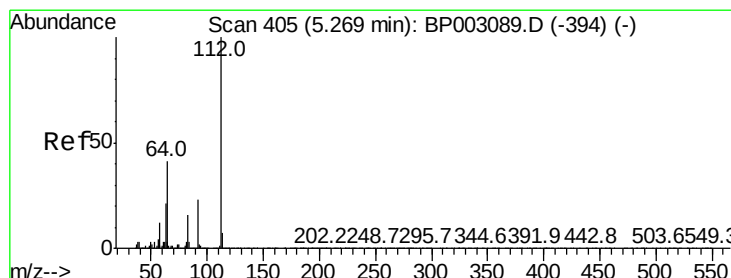
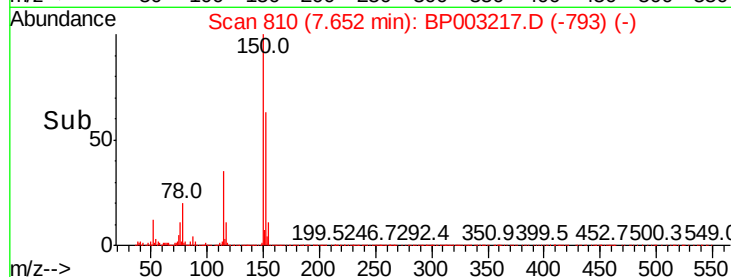
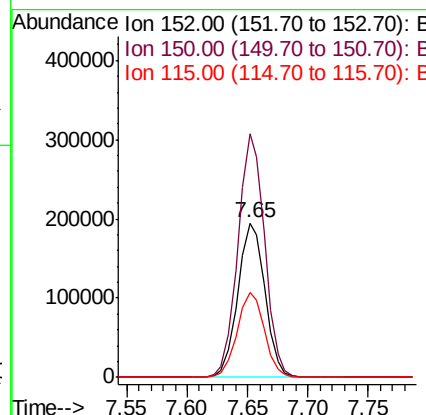
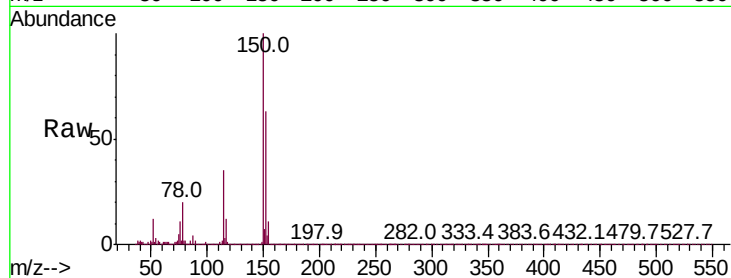
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.8	185.6
115	55.3	43.8	65.6

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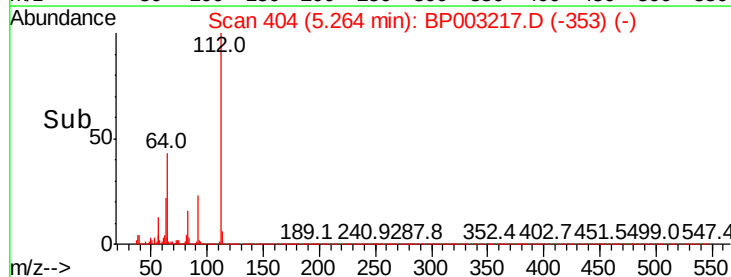
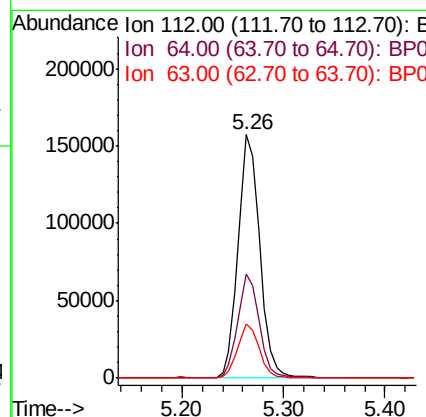
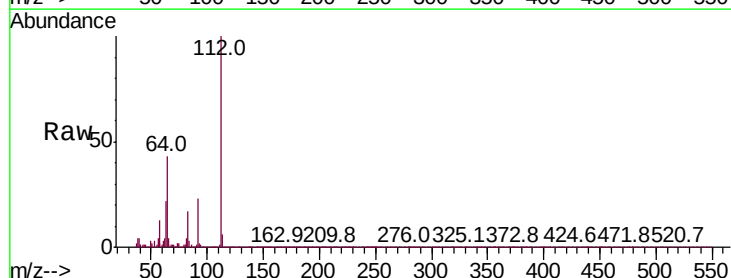
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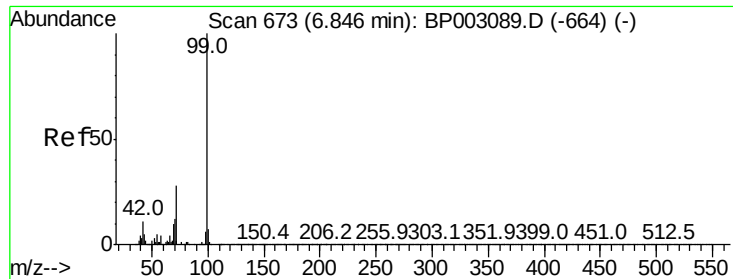


#5

2-Fluorophenol
Concen: 13.623 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	32.8	49.2
63	22.3	17.0	25.4





#7

Phenol-d6

Concen: 12.889 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Instrument :

BNA_P

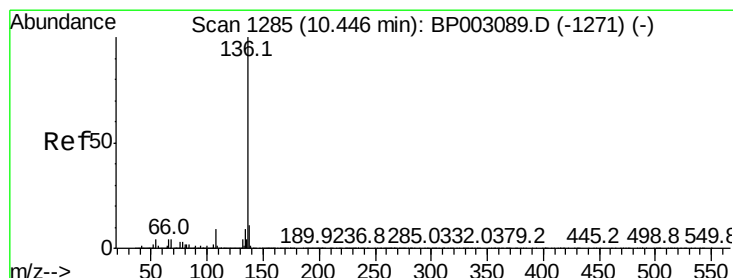
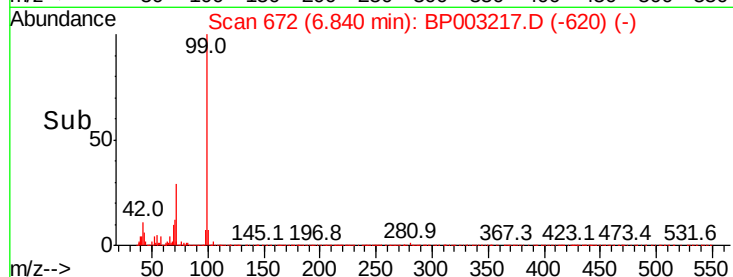
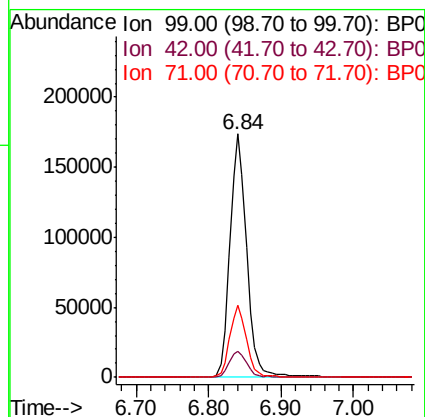
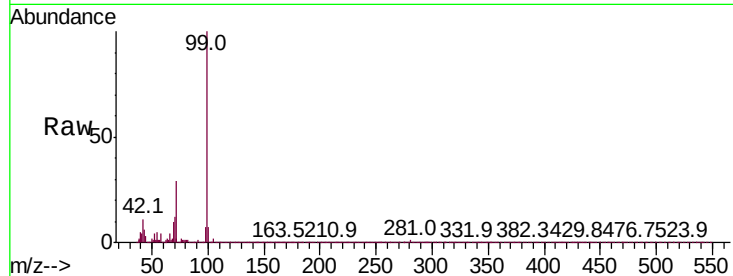
ClientSampleId :

TP-3

Tot Ion:	99	Resp:	278895
Ion Ratio	Lower	Upper	
99	100		
42	10.8	8.6	13.0
71	29.4	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

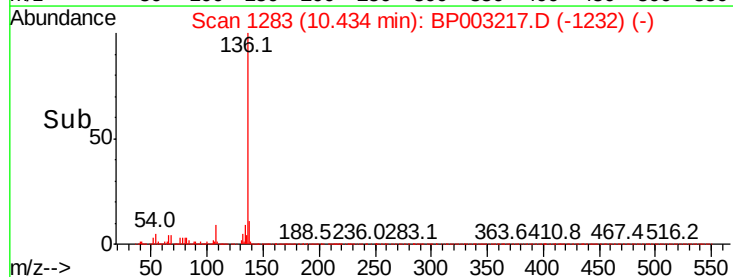
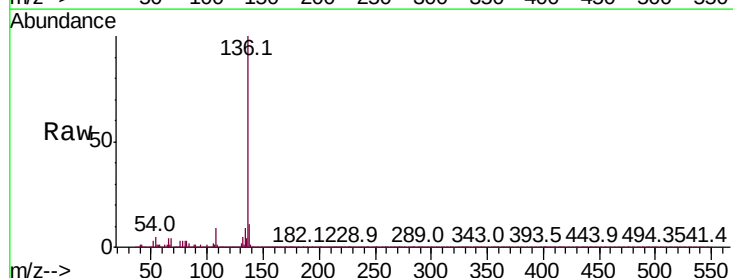
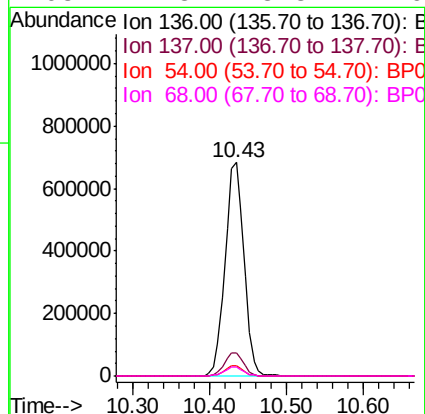
RT: 10.43 min Scan# 1283

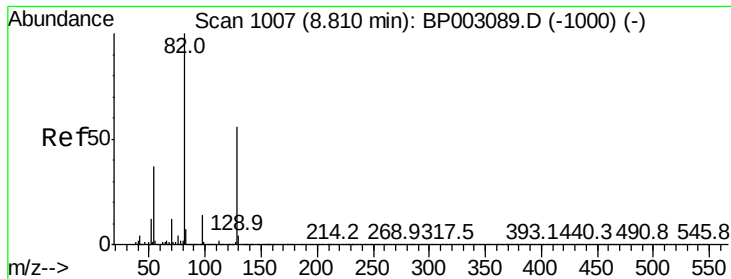
Delta R.T. -0.00 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Tgt Ion:	136	Resp:	1164759
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	4.6	3.6	5.4
68	4.3	3.3	4.9





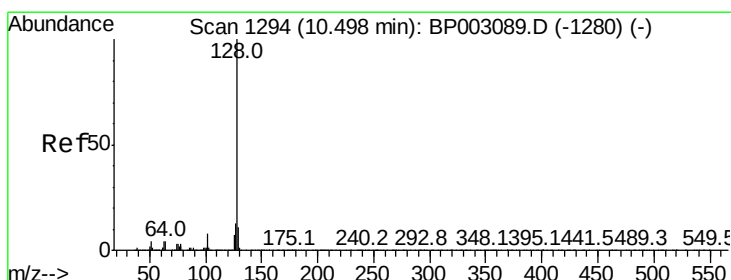
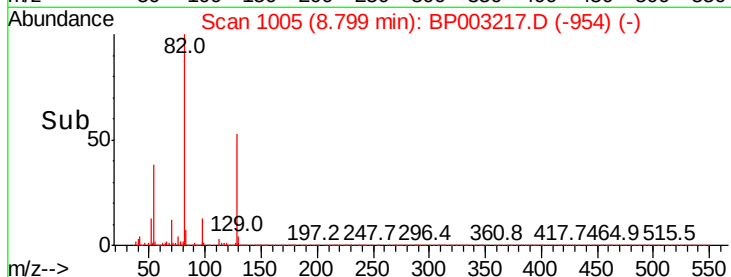
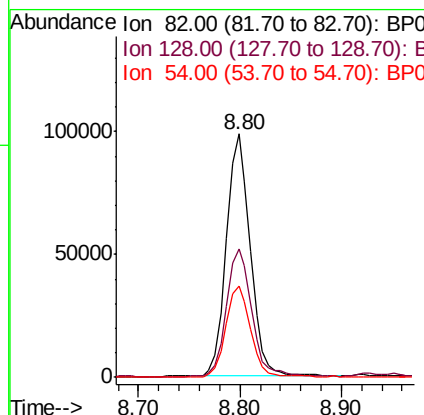
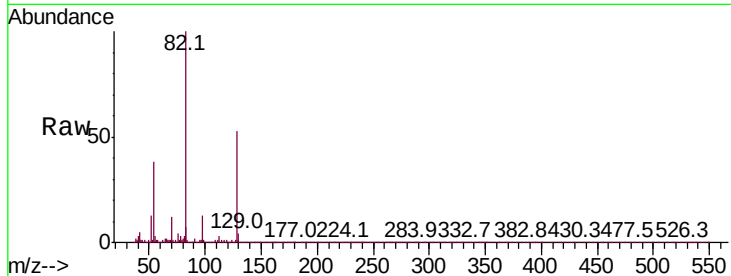
#23
Nitrobenzene-d5
Concen: 9.981 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.5	45.6	68.4	
54	37.5	30.1	45.1	

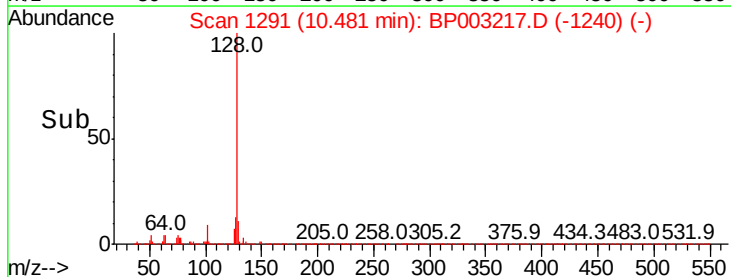
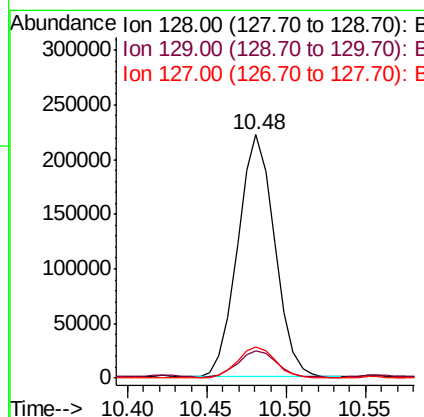
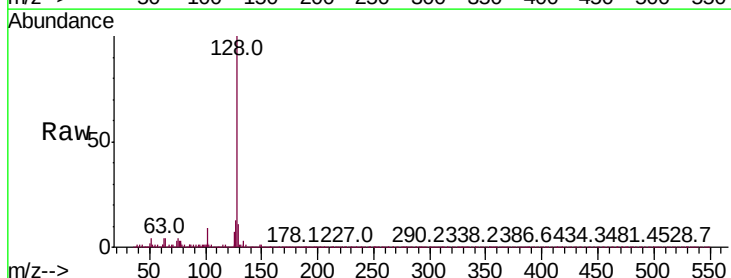
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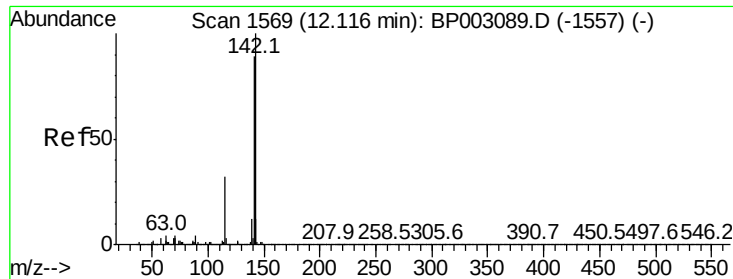
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#31
Naphthalene
Concen: 5.976 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	12.8	10.6	15.8	





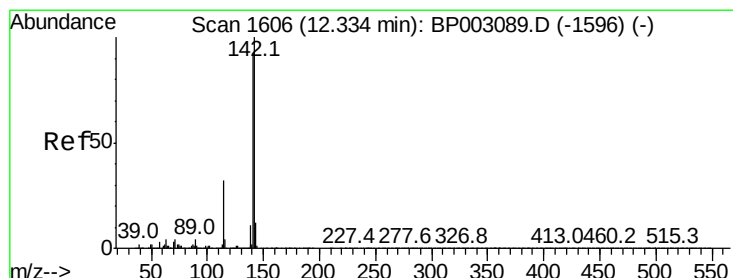
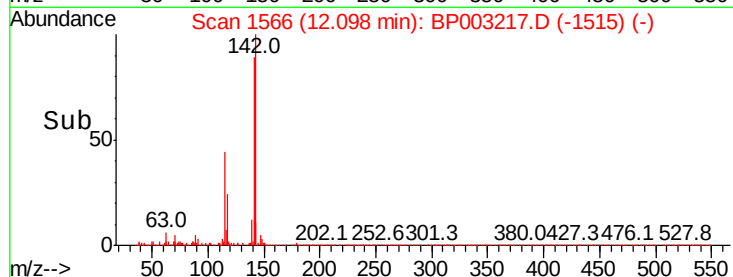
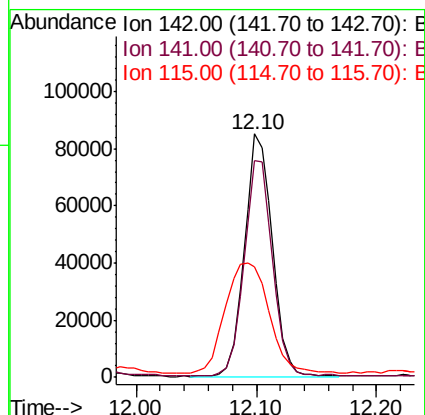
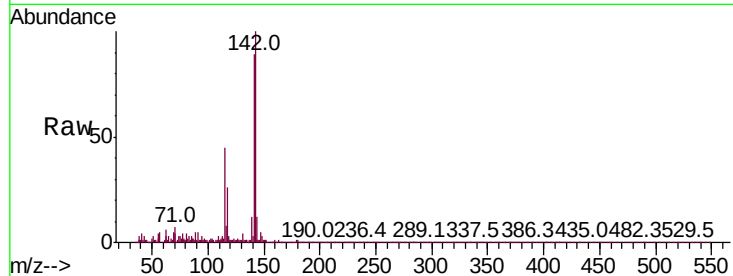
#37
2-Methylnaphthalene
Concen: 3.189 ng m
RT: 12.10 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
142	100	136504		
141	88.9	71.4	107.2	
115	45.4	25.8	38.6	

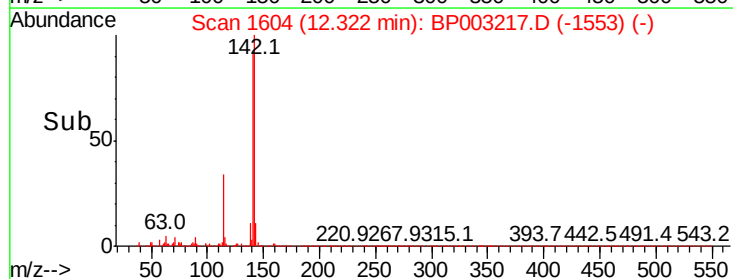
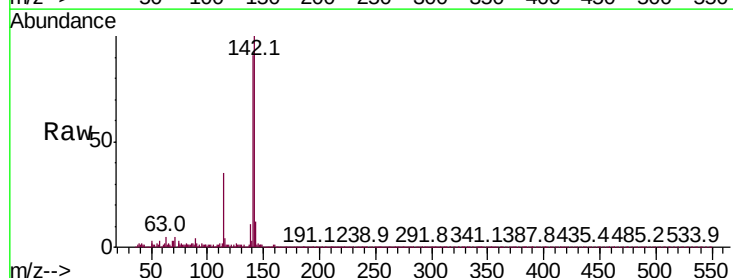
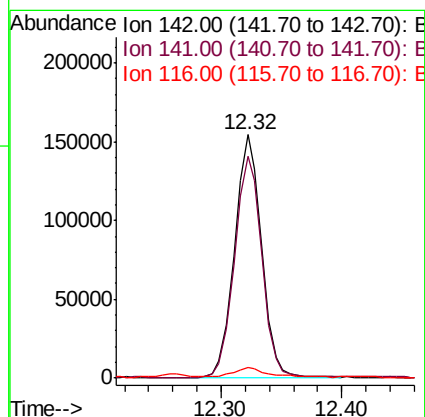
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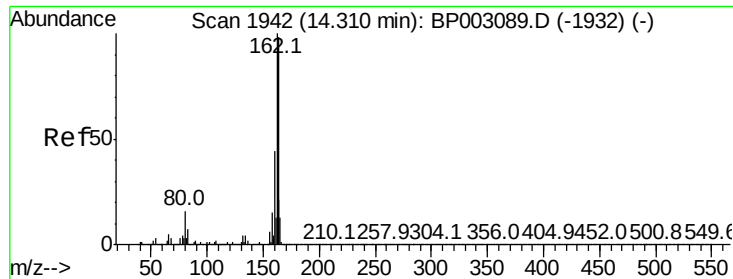
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#38
1-Methylnaphthalene
Concen: 5.871 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	238881		
141	91.1	74.4	111.6	
116	4.4	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: BP003217.D

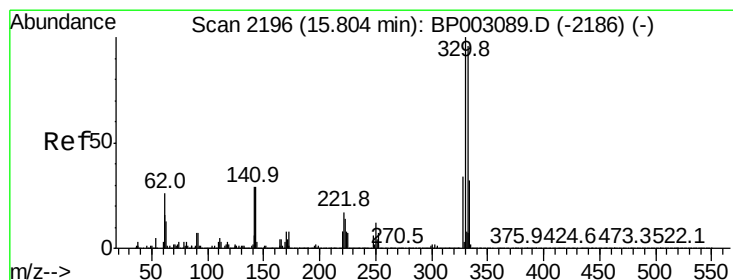
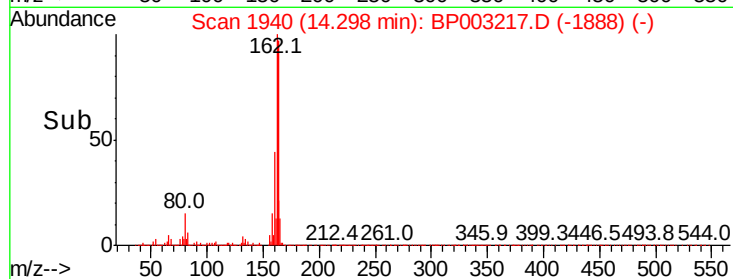
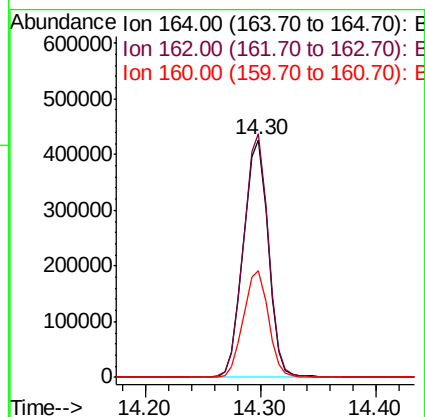
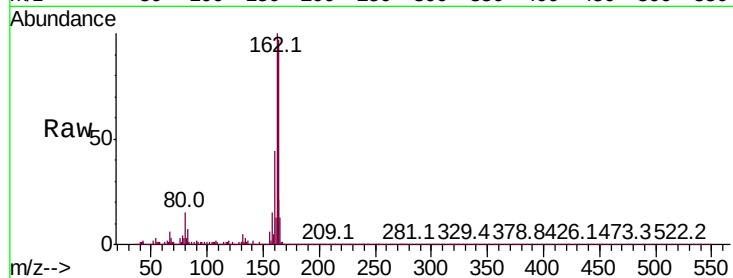
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion:164	Resp: 639627
Ion Ratio	Lower Upper
164 100	
162 102.6	79.4 119.2
160 45.2	36.1 54.1

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#42

2,4,6-Tribromophenol

Concen: 11.440 ng

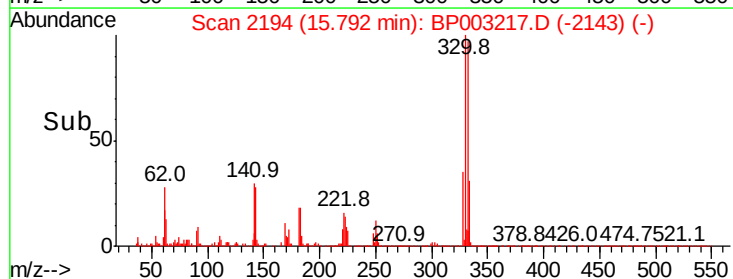
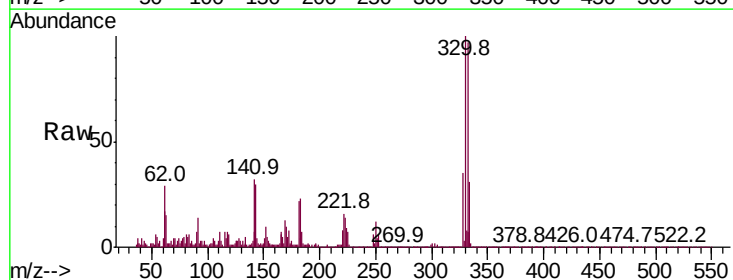
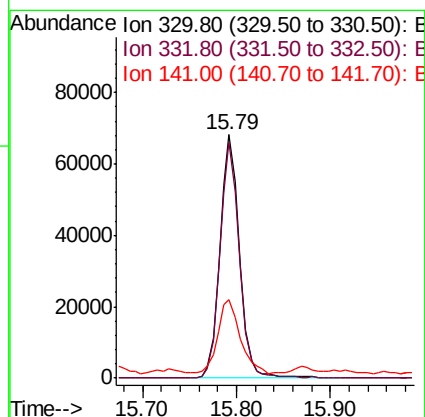
RT: 15.79 min Scan# 2194

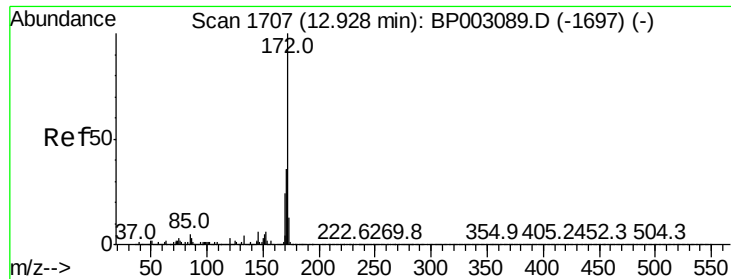
Delta R.T. -0.00 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Tgt Ion:330	Resp: 98969
Ion Ratio	Lower Upper
330 100	
332 95.8	77.1 115.7
141 34.0	23.4 35.2





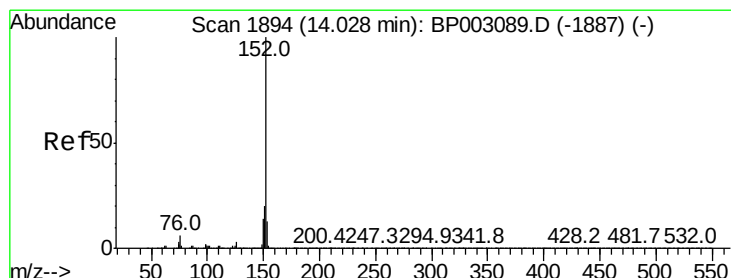
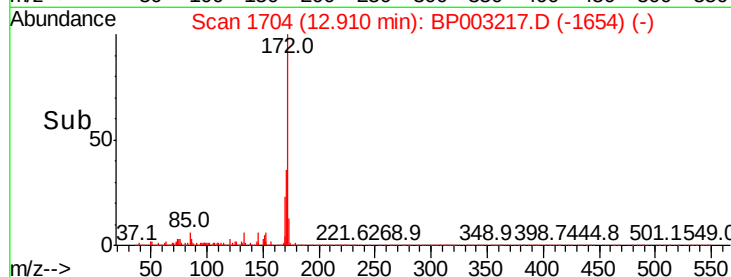
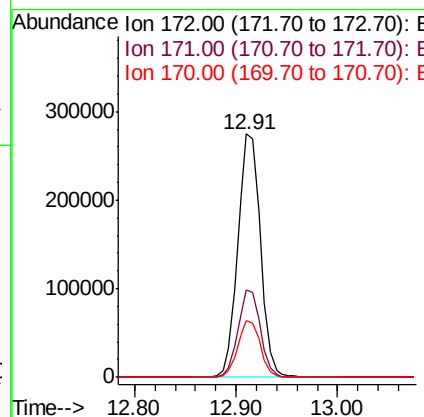
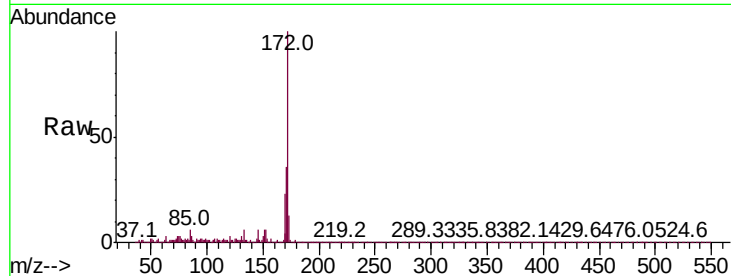
#45
2-Fluorobiphenyl
Concen: 9.730 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion:	172	Resp:	424977
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.5	42.7
170	23.2	19.2	28.8

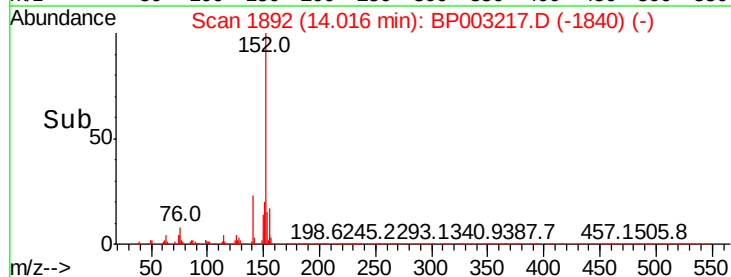
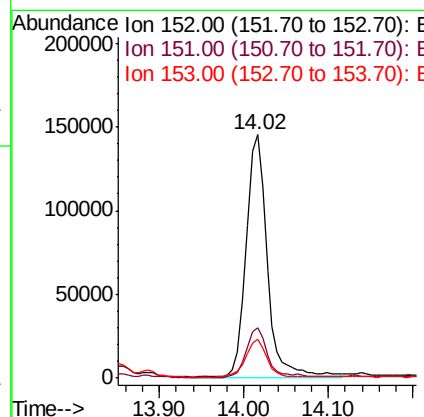
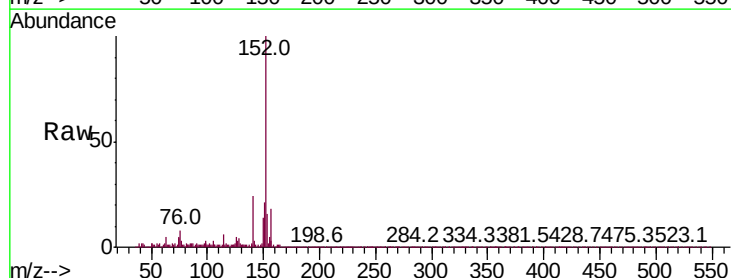
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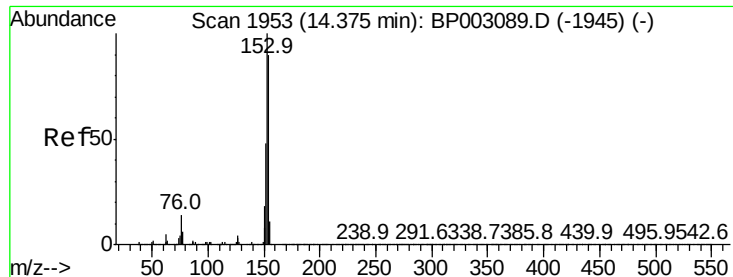
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#49
Acenaphthylene
Concen: 4.219 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion:	152	Resp:	250551
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.9	23.9
153	15.7	10.5	15.7





#52

Acenaphthene

Concen: 3.273 ng

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Instrument :

BNA_P

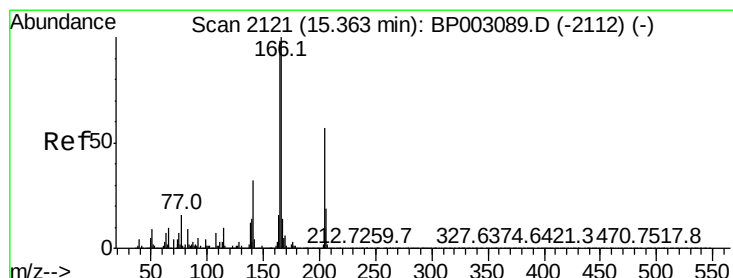
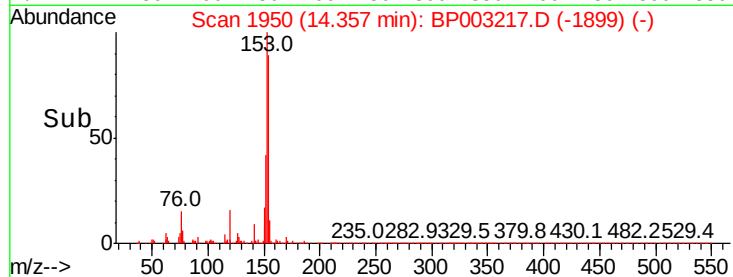
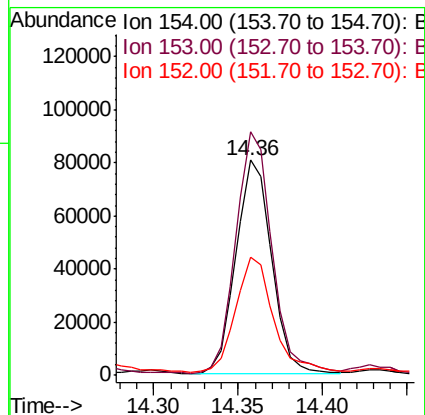
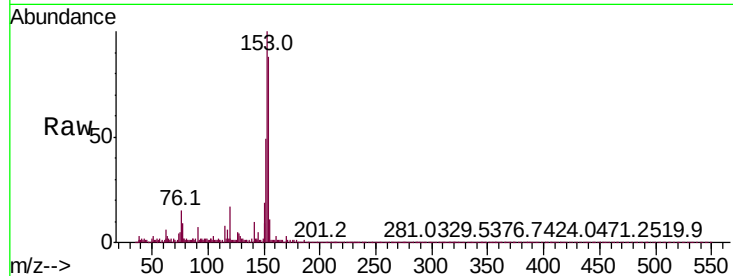
ClientSampled :

TP-3

Tot Ion:	154	Resp:	119403
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.0	136.6
152	55.3	43.0	64.6

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#58

Fluorene

Concen: 3.506 ng

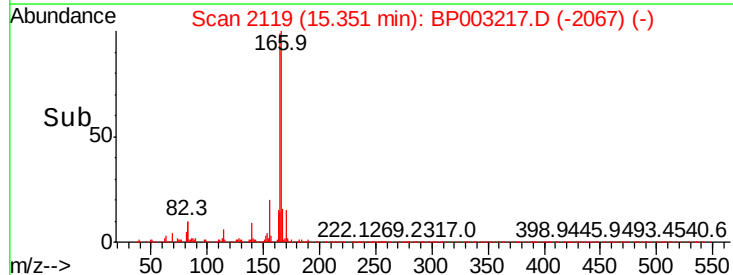
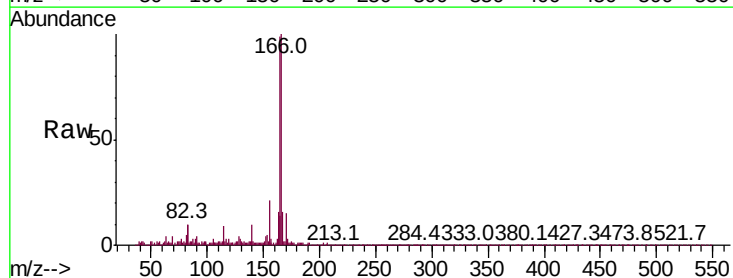
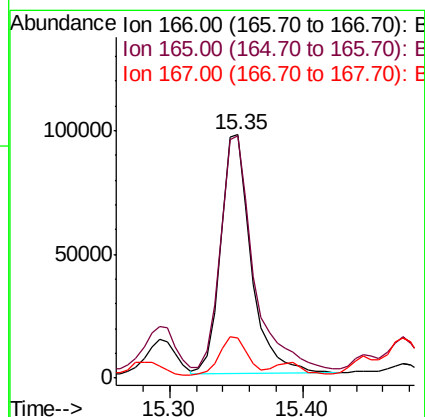
RT: 15.35 min Scan# 2119

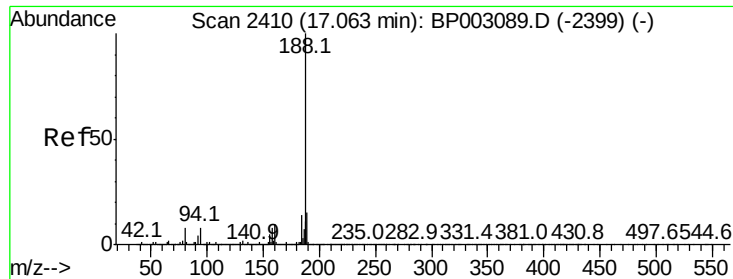
Delta R.T. 0.01 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Tgt Ion:	166	Resp:	154738
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	16.3	11.0	16.4





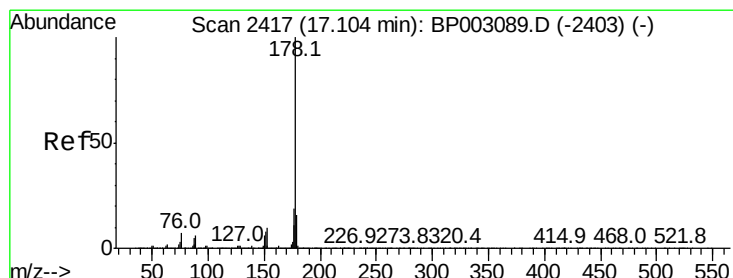
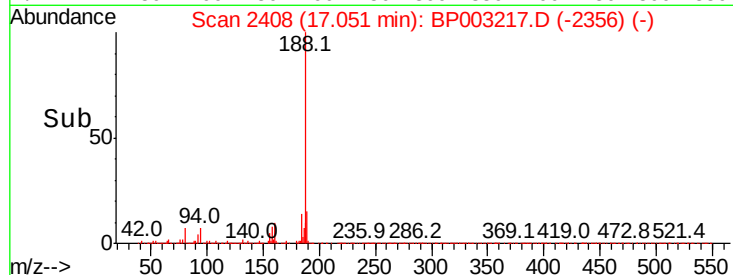
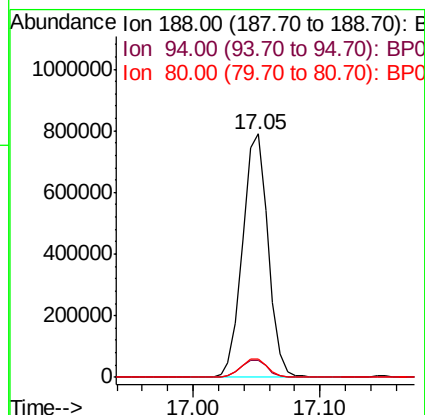
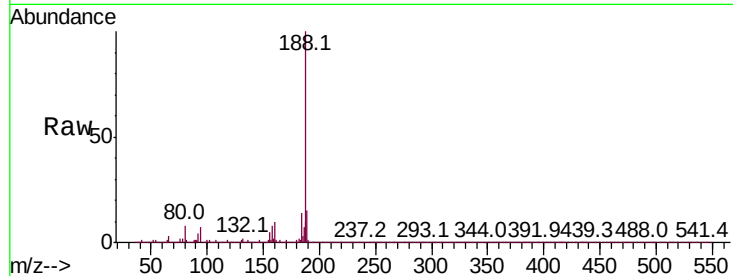
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.2
80	7.5	6.2	9.2

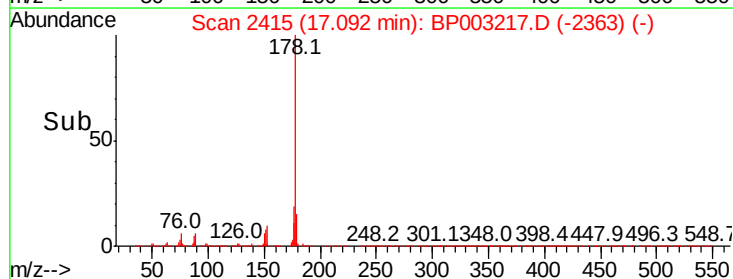
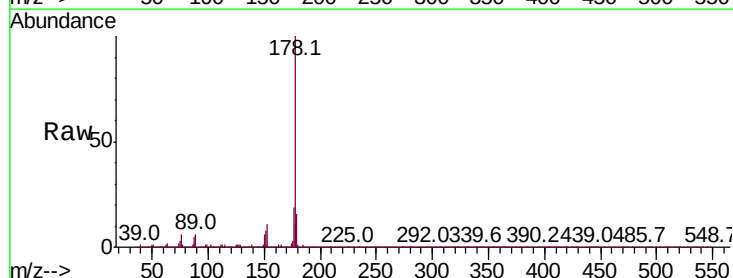
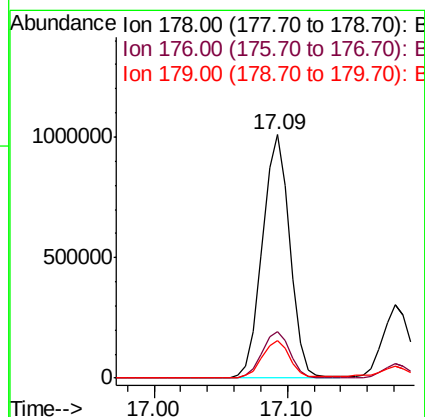
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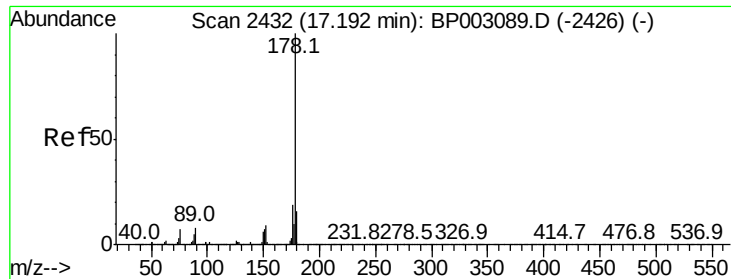
Sohil
9/9/2020 3:48:23 PM



#71
Phenanthrene
Concen: 24.046 ng
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.5	18.7





#72

Anthracene

Concen: 7.312 ng

RT: 17.18 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Instrument :

BNA_P

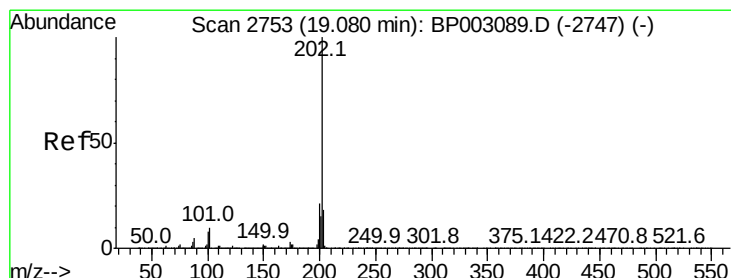
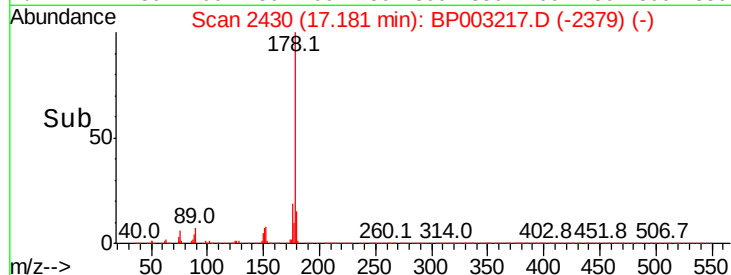
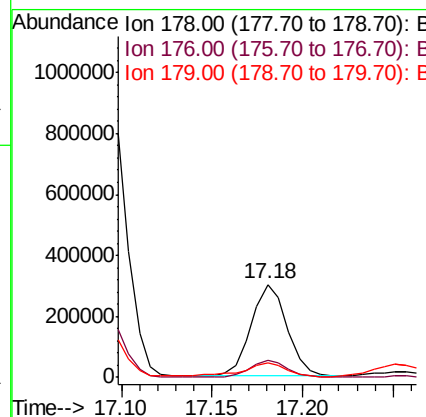
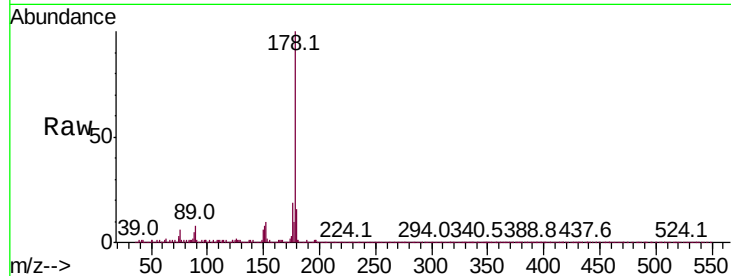
ClientSampled :

TP-3

Tot Ion:	178	Resp:	414651
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.4
179	15.8	12.5	18.7

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#75

Fluoranthene

Concen: 21.813 ng

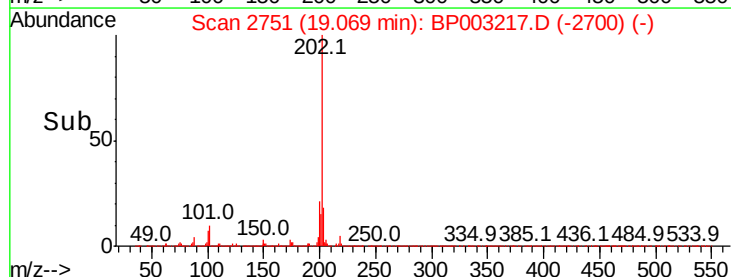
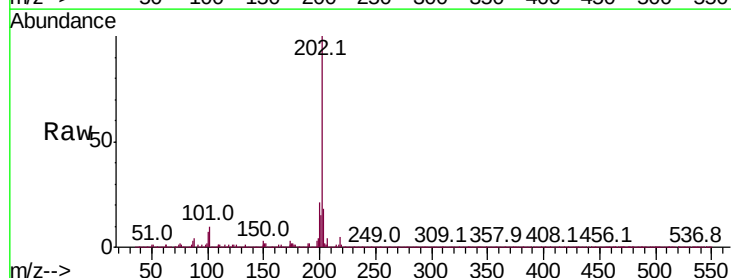
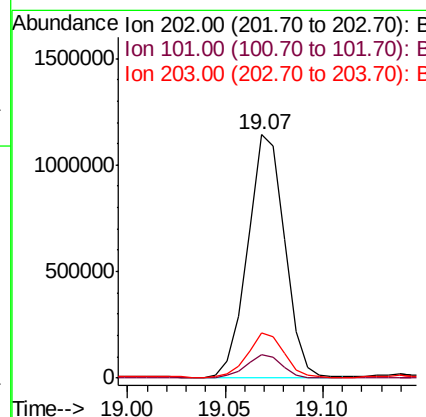
RT: 19.07 min Scan# 2751

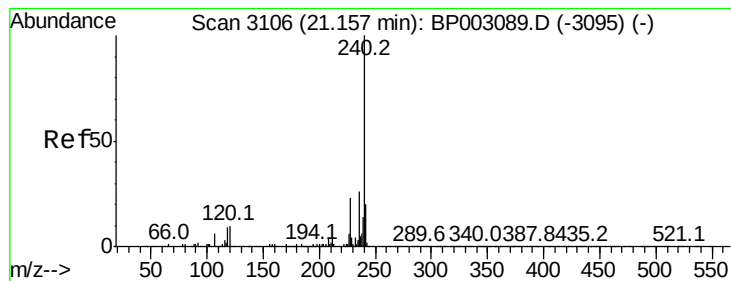
Delta R.T. -0.00 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Tgt Ion:	202	Resp:	1493858
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.4
203	18.5	0.0	37.8





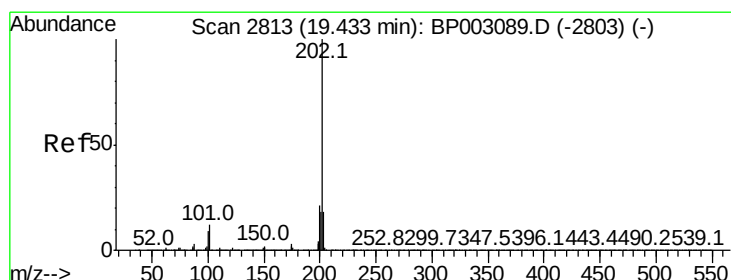
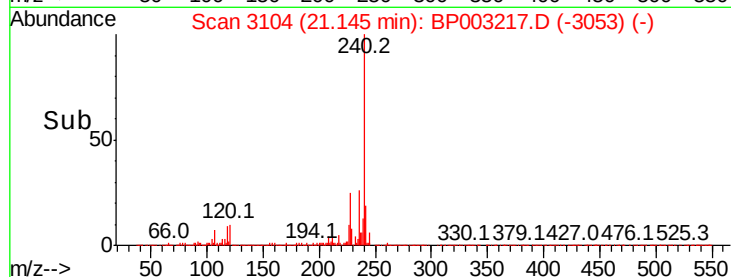
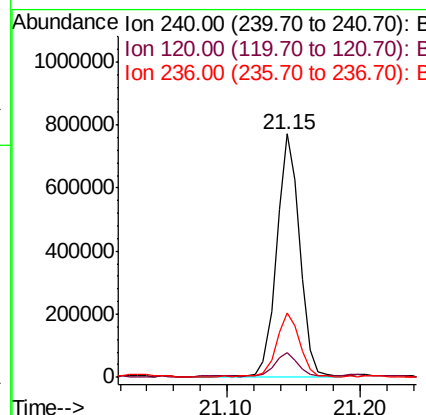
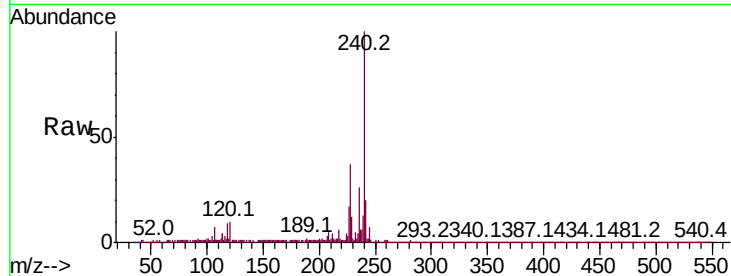
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	26.3	20.8	31.2

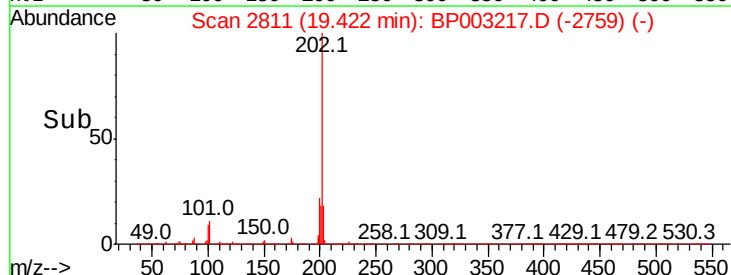
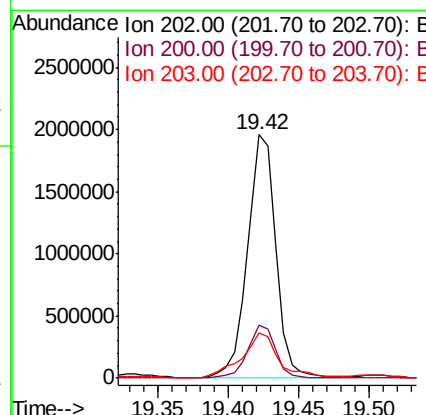
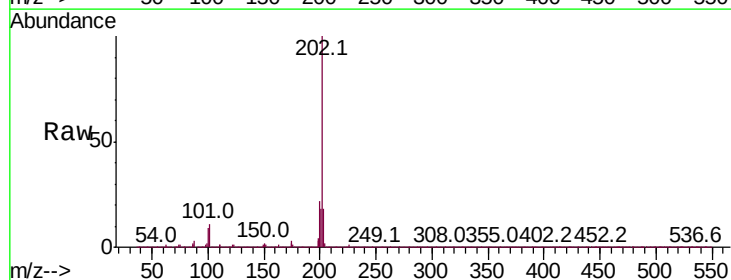
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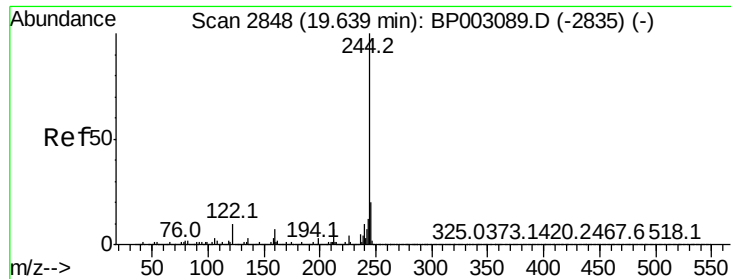
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#78
Pyrene
Concen: 45.839 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.5	14.2	21.2





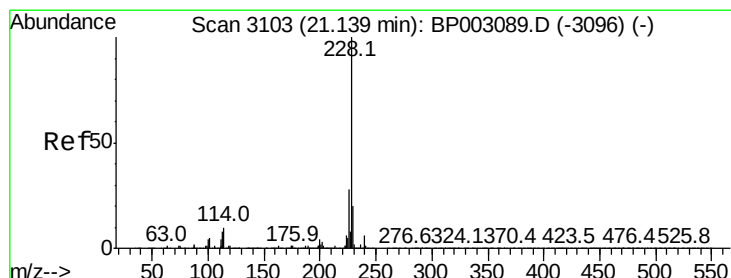
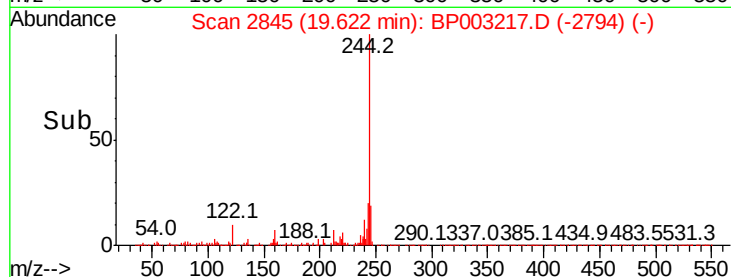
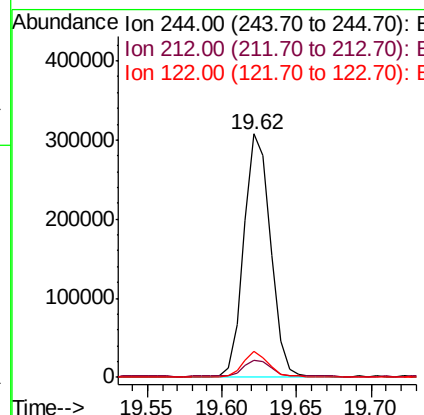
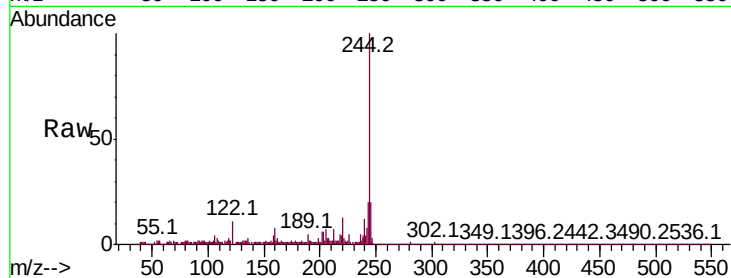
#79
 Terphenyl-d14
 Concen: 9.104 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003217.D
 Acq: 04 Sep 2020 18:24

Instrument :
 BNA_P
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.7	7.8	11.8

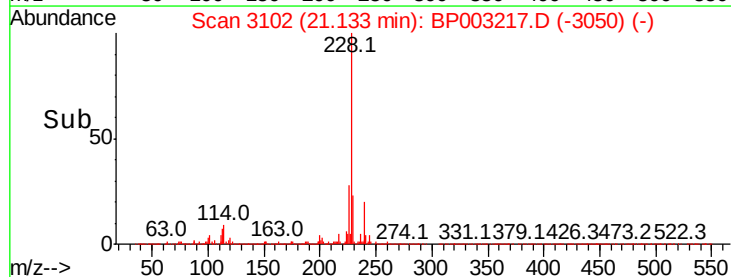
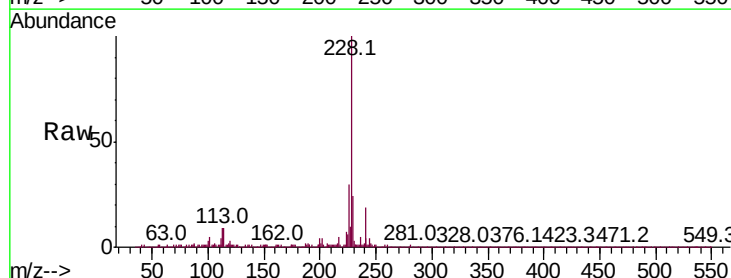
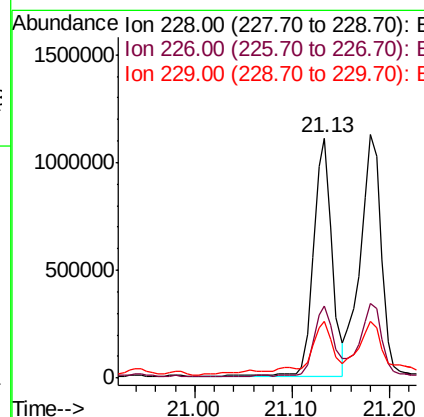
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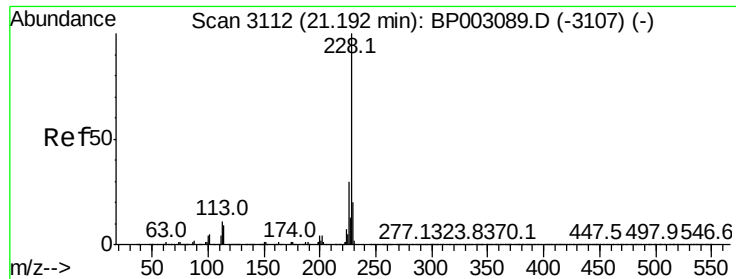
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#81
 Benzo(a)anthracene
 Concen: 25.297 ng
 RT: 21.13 min Scan# 3102
 Delta R.T. 0.01 min
 Lab File: BP003217.D
 Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	23.7	15.9	23.9





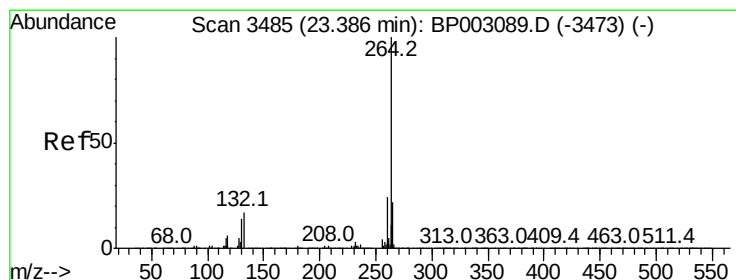
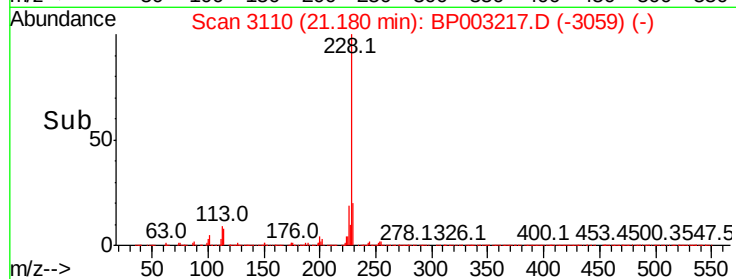
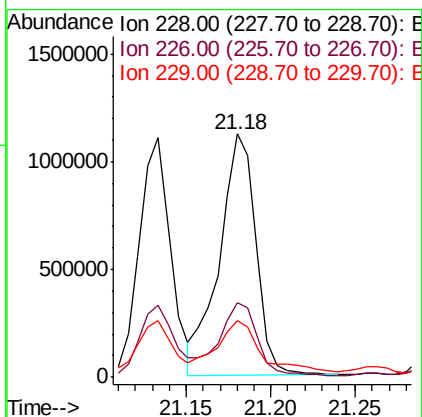
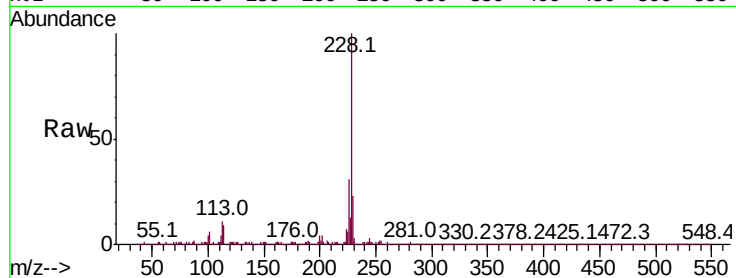
#83
Chrysene
Concen: 30.390 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	23.3	15.8	23.6

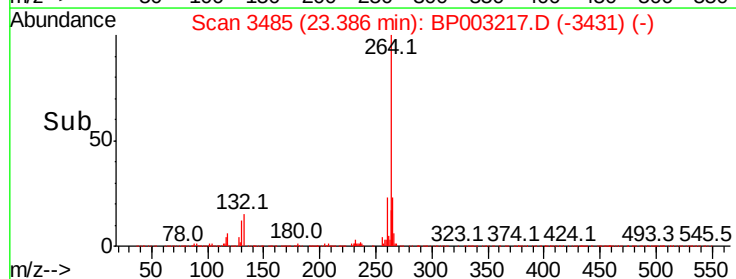
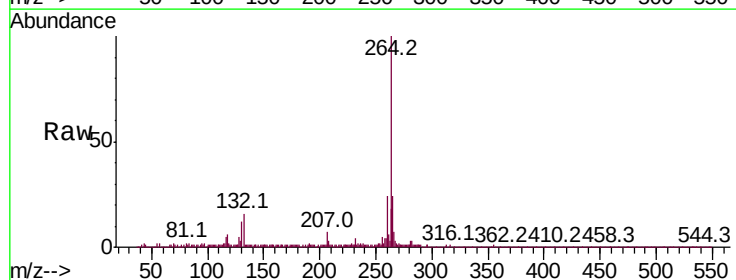
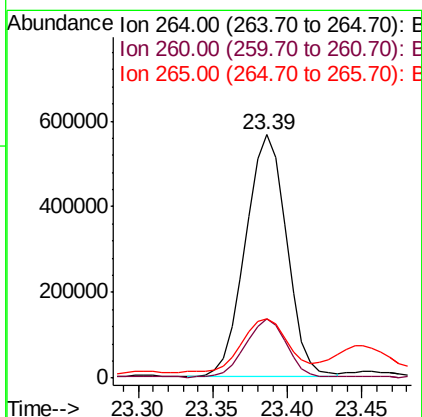
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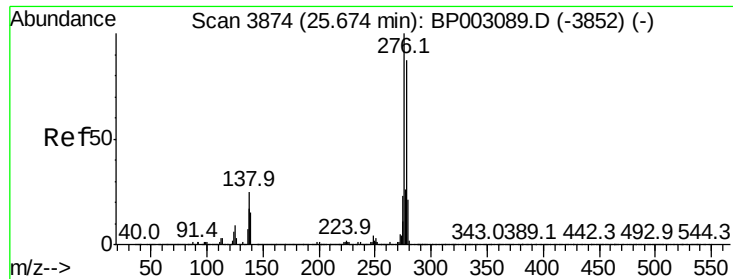
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3485
Delta R.T. 0.02 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	24.5	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 13.099 ng

RT: 25.66 min Scan# 3872

Delta R.T. 0.02 min

Lab File: BP003217.D

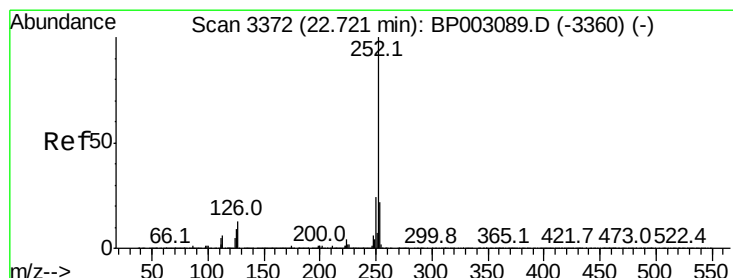
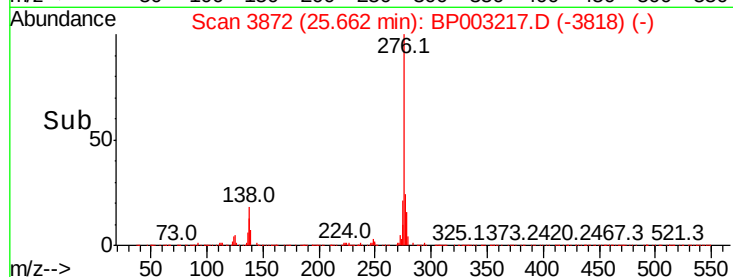
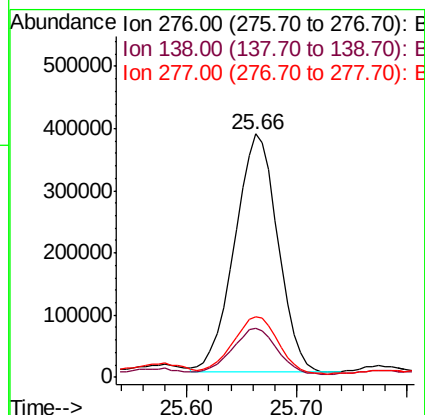
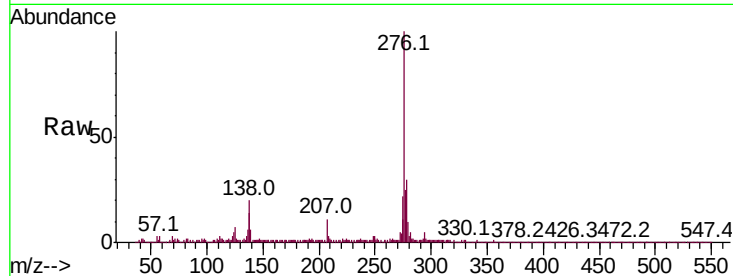
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.7	28.1
277	25.2	20.4	30.6

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#88

Benzo(b)fluoranthene

Concen: 25.499 ng m

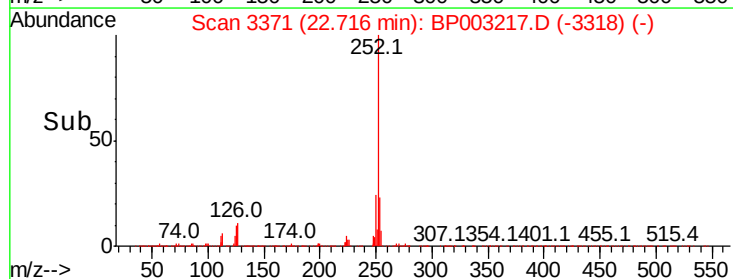
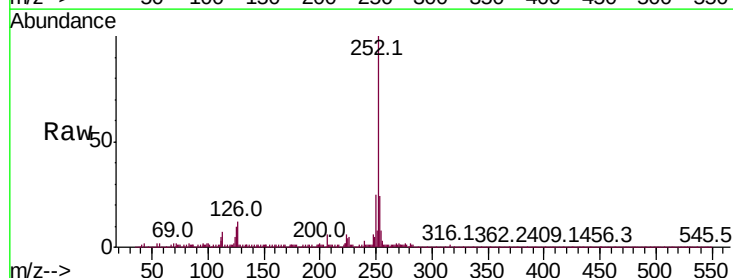
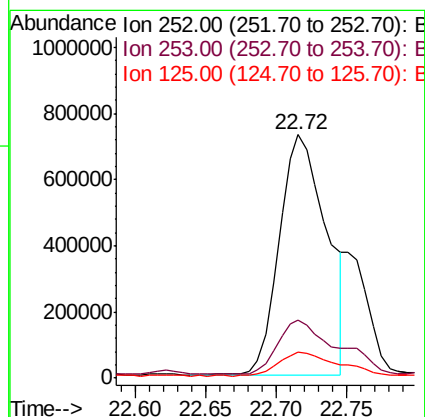
RT: 22.72 min Scan# 3371

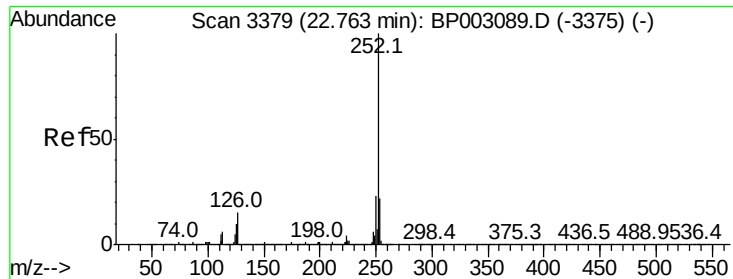
Delta R.T. 0.01 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	10.5	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 6.586 ng/mL

RT: 22.75 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BP003217.D

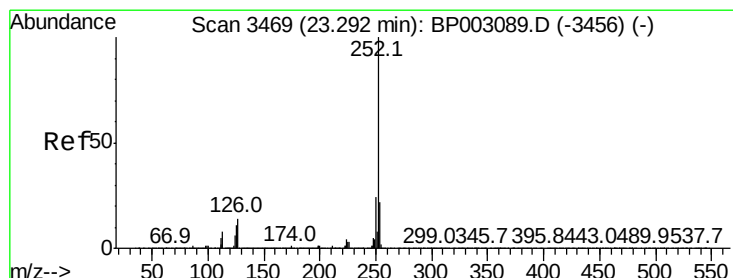
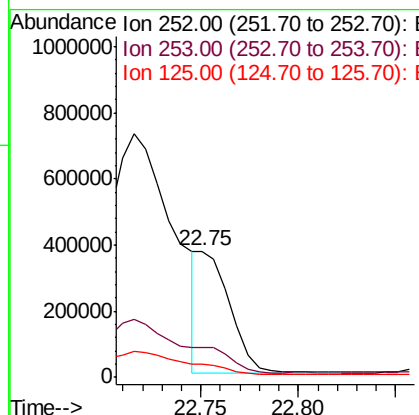
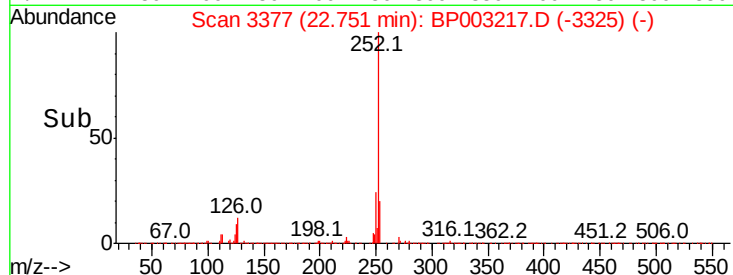
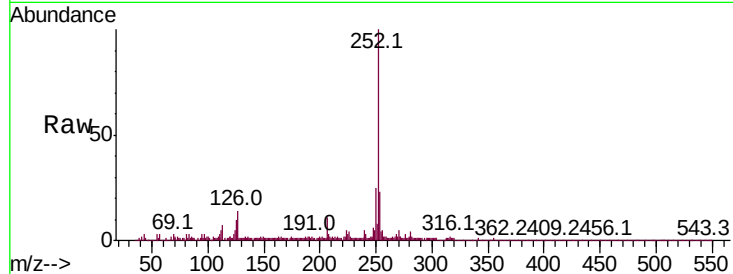
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion:	252	Resp:	420519
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	10.4	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 28.166 ng/mL

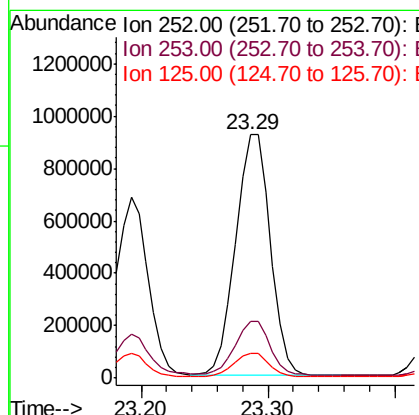
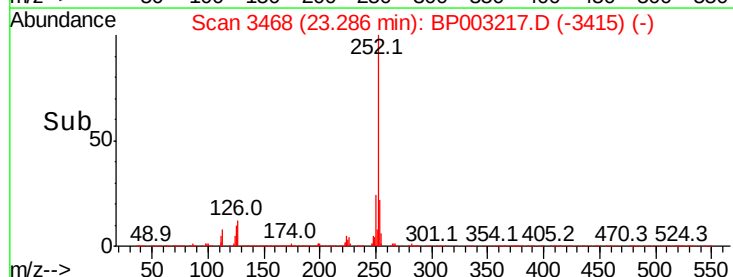
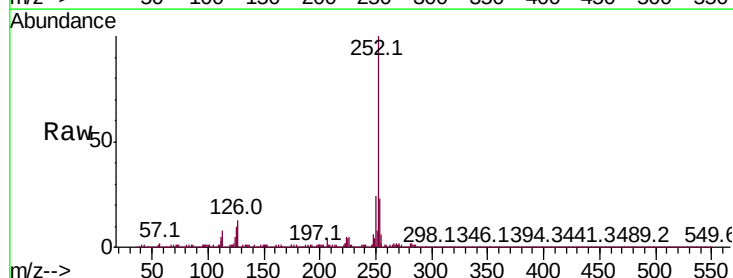
RT: 23.29 min Scan# 3468

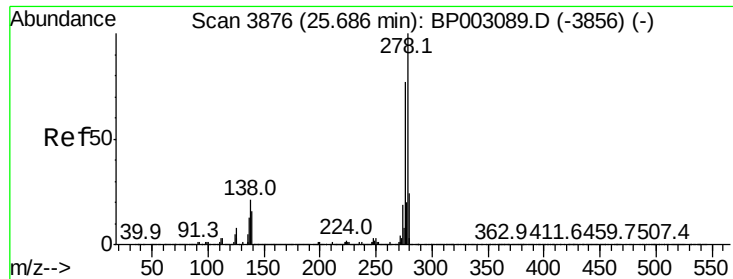
Delta R.T. 0.01 min

Lab File: BP003217.D

Acq: 04 Sep 2020 18:24

Tgt Ion:	252	Resp:	1746298
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	10.3	8.2	12.4





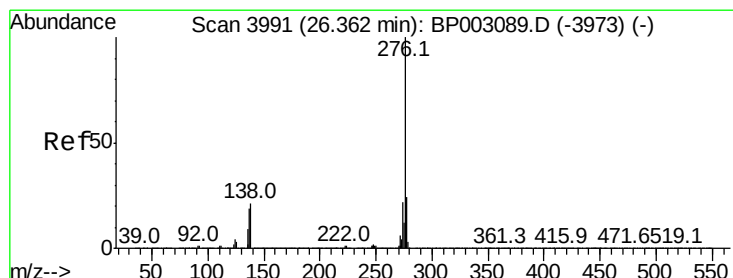
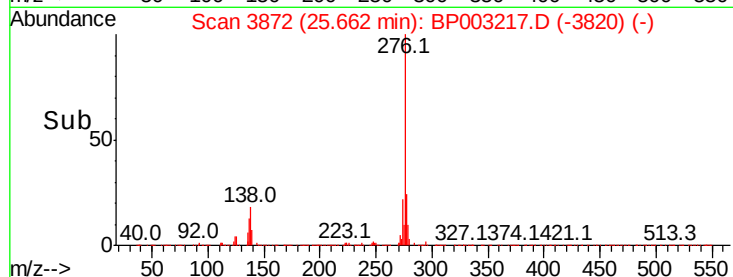
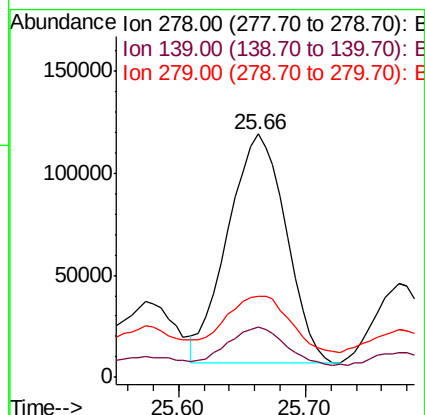
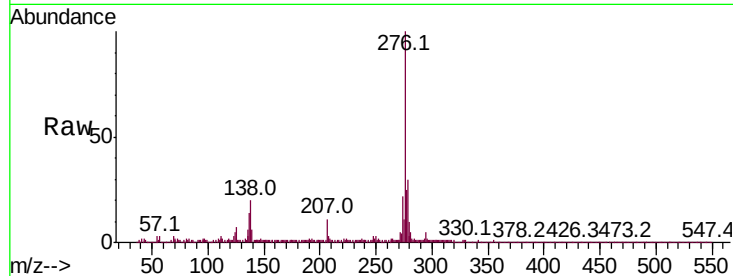
#91
Dibenzo(a,h)anthracene
Concen: 5.404 ng
RT: 25.66 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.9	12.4	18.6#
279	33.4	19.0	28.6#

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#92
Benzo(g,h,i)perylene
Concen: 20.938 ng
RT: 26.36 min Scan# 3991
Delta R.T. 0.03 min
Lab File: BP003217.D
Acq: 04 Sep 2020 18:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.0	28.6
138	20.1	16.6	24.8

