

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\
 Data File : BP002542.D
 Acq On : 25 Jun 2020 15:29
 Operator : CG/JU
 Sample : L3094-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

Manual Integrations
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Quant Time: Jun 25 16:20:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	137297	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	581448	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	375752	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	886843	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1019371	20.00	ng	0.01
86) Perylene-d12	23.31	264	1159375	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	765688	103.20	ng	0.00
7) Phenol-d6	6.77	99	1075467	108.87	ng	0.00
23) Nitrobenzene-d5	8.73	82	715585	73.50	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	446903	124.22	ng	0.01
45) 2-Fluorobiphenyl	12.85	172	1597061	71.47	ng	0.00
79) Terphenyl-d14	19.59	244	2757275	62.02	ng	0.01
Target Compounds						
50) Dimethylphthalate	13.70	163	306226	11.894	ng	99
71) Phenanthrene	17.03	178	286517	6.907	ng	99
75) Fluoranthene	19.02	202	346535	6.998	ng	99
78) Pyrene	19.37	202	339079	5.431	ng	98
81) Benzo(a)anthracene	21.09	228	163240	2.806	ng	97
83) Chrysene	21.14	228	151625	2.750	ng	97
88) Benzo(b)fluoranthene	22.65	252	184886m	2.957	ng	
90) Benzo(a)pyrene	23.21	252	146459	2.500	ng	# 97

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

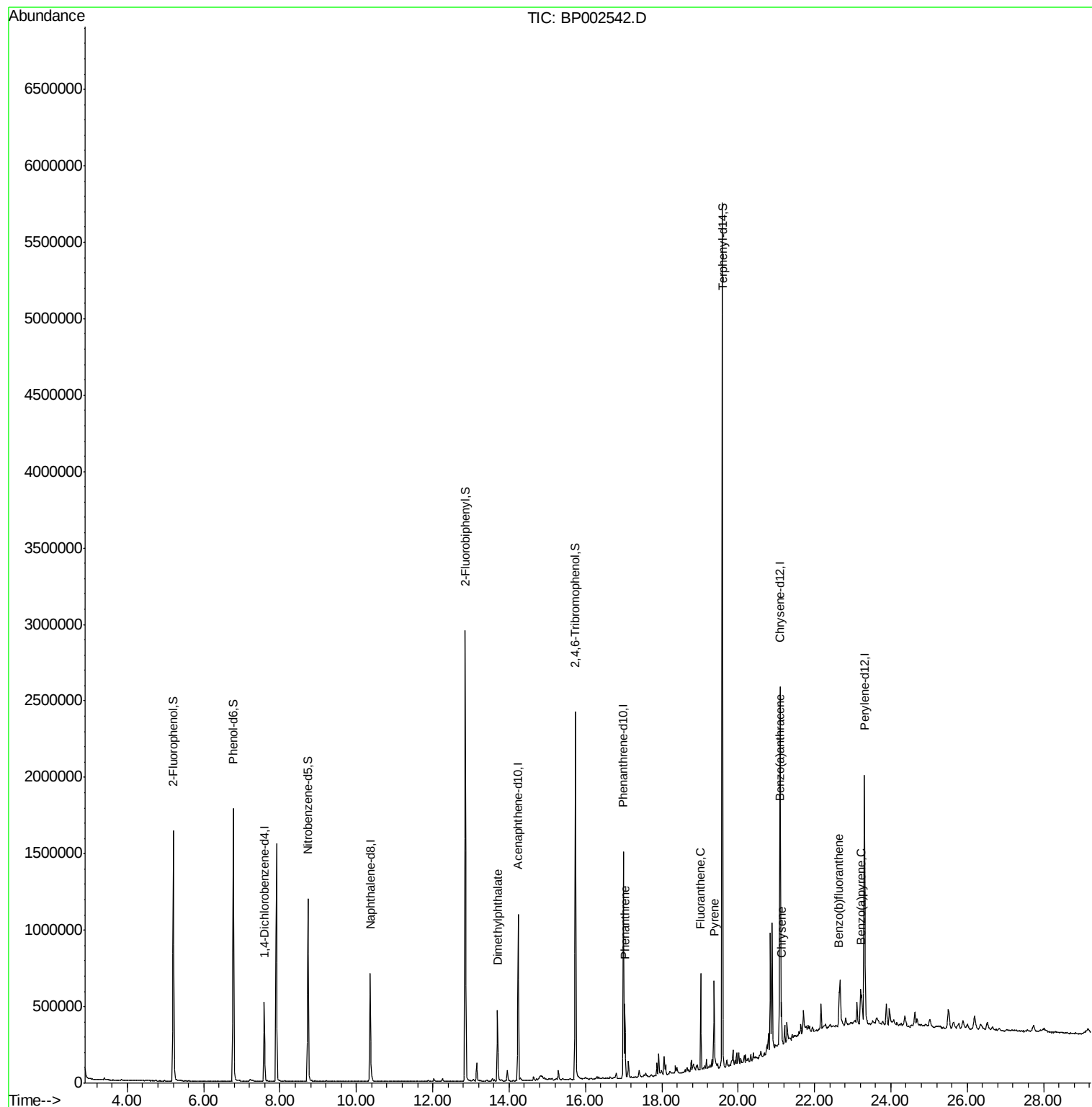
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Data File : BP002542.D
Acq On : 25 Jun 2020 15:29
Operator : CG/JU
Sample : L3094-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

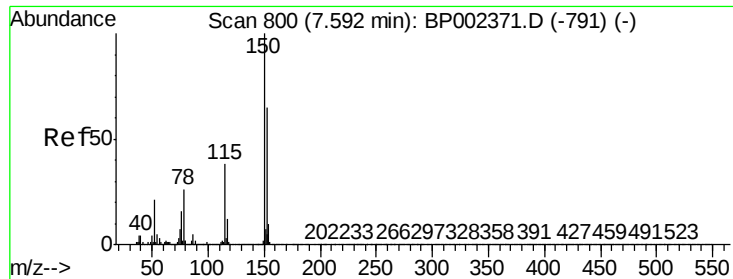
Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

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

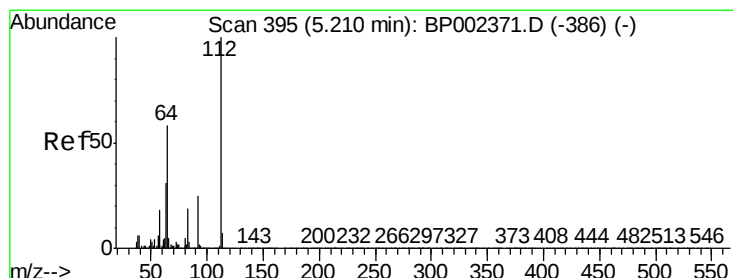
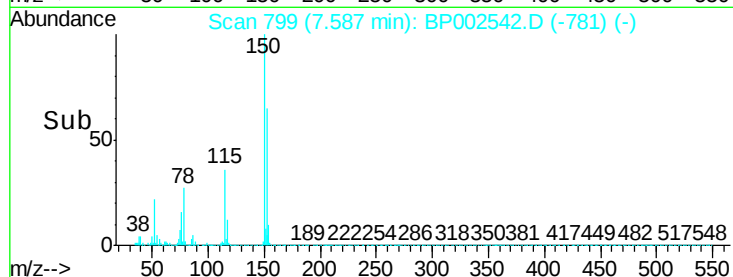
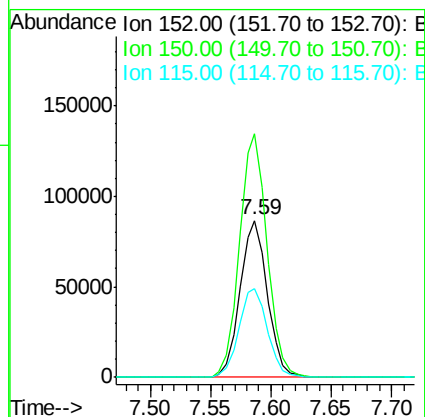
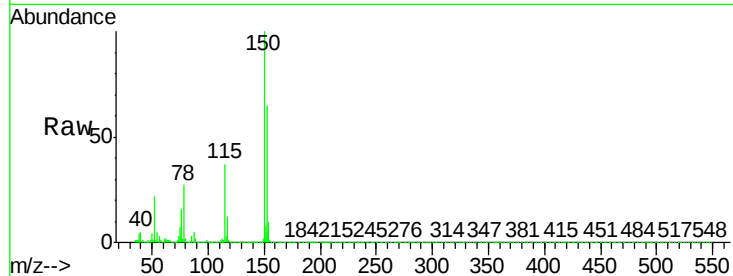
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.4	186.6
115	56.6	47.8	71.6

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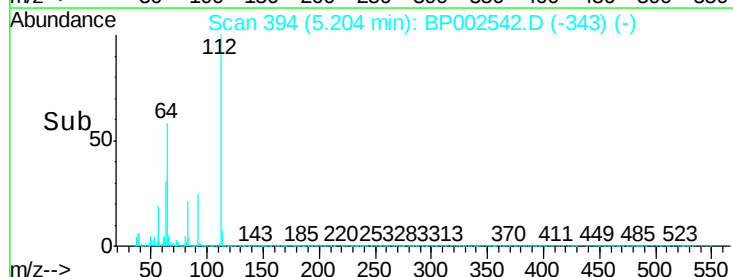
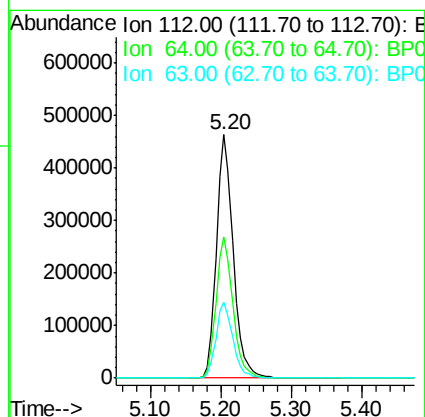
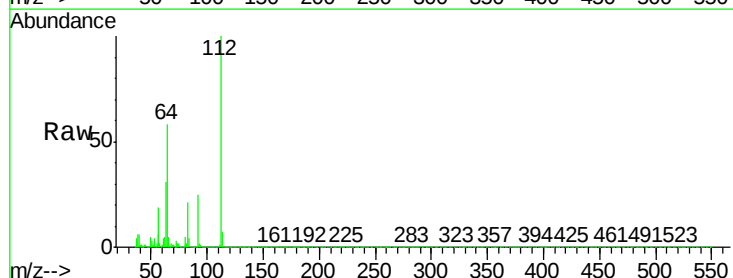
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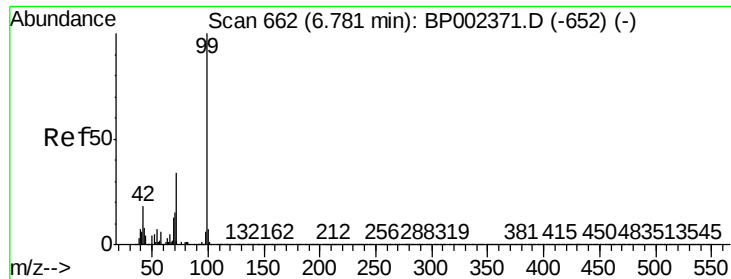


#5

2-Fluorophenol
Concen: 103.195 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.4	69.6
63	31.2	25.0	37.6





#7

Phenol-d6

Concen: 108.868 ng

RT: 6.77 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002542.D

Acq: 25 Jun 2020 15:29

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

Tot Ion: 99 Resp: 1075467

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

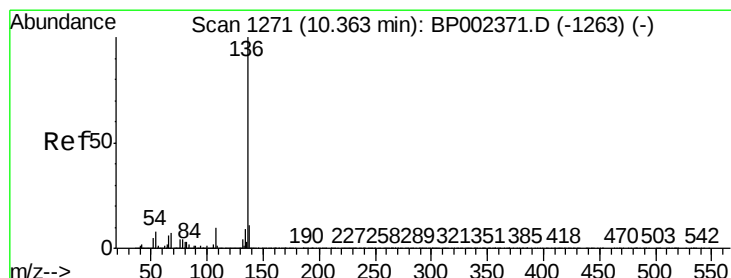
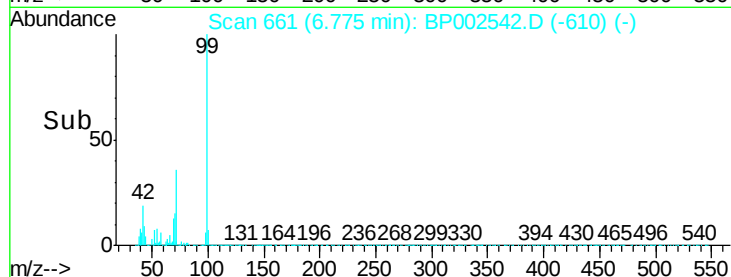
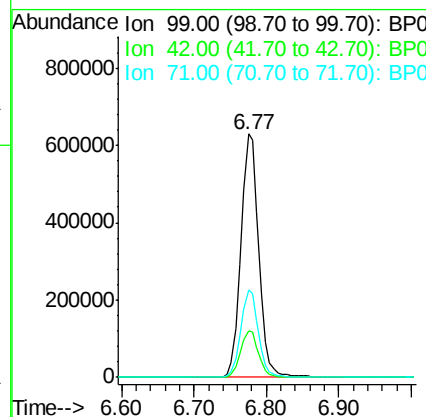
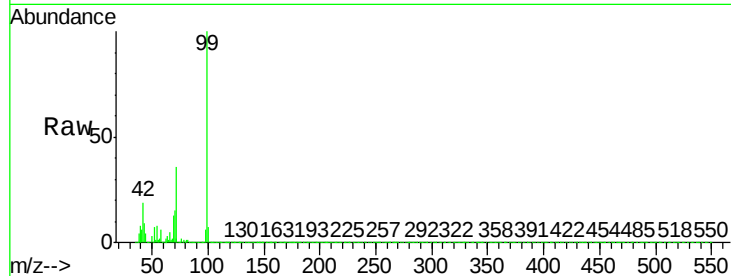
71 36.0 28.2 42.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP002542.D

Acq: 25 Jun 2020 15:29

Tgt Ion: 136 Resp: 581448

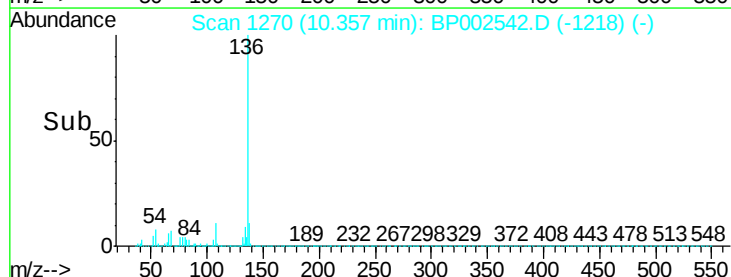
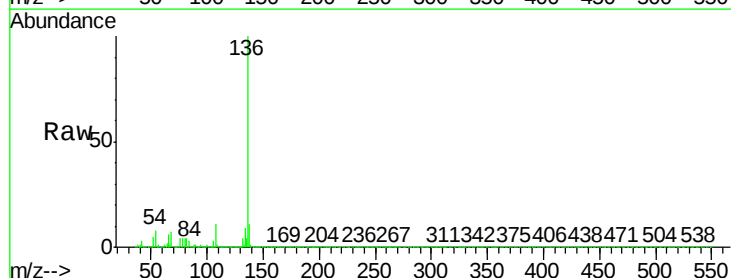
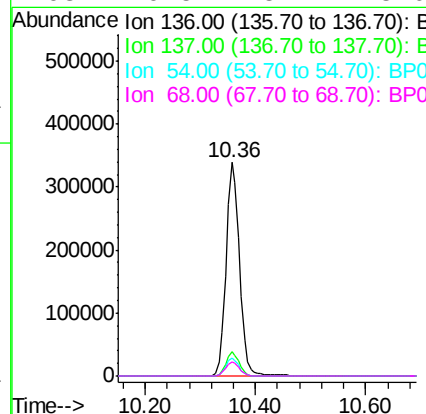
Ion Ratio Lower Upper

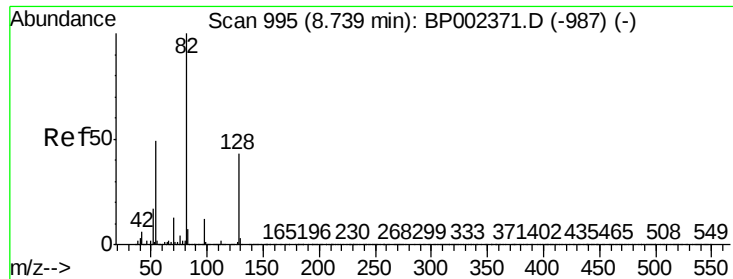
136 100

137 11.3 8.9 13.3

54 8.2 6.6 10.0

68 6.5 5.4 8.0





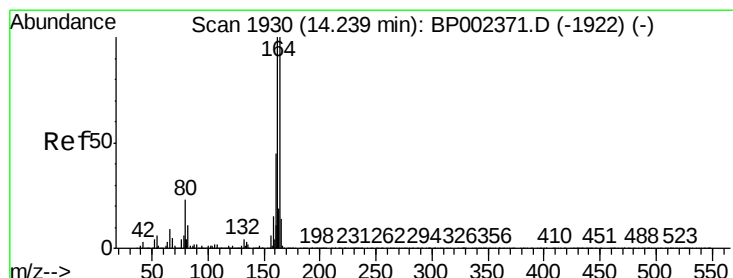
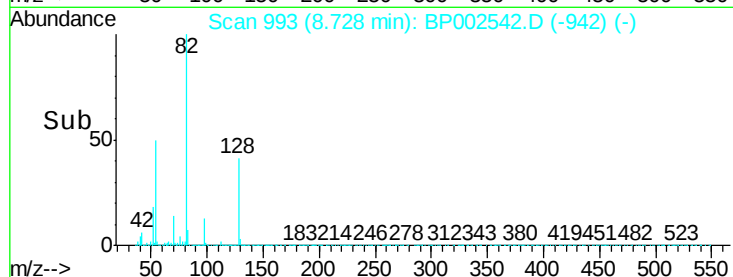
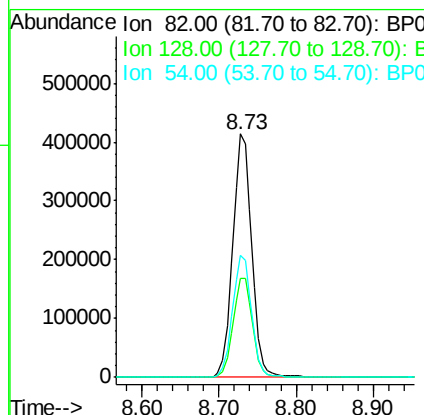
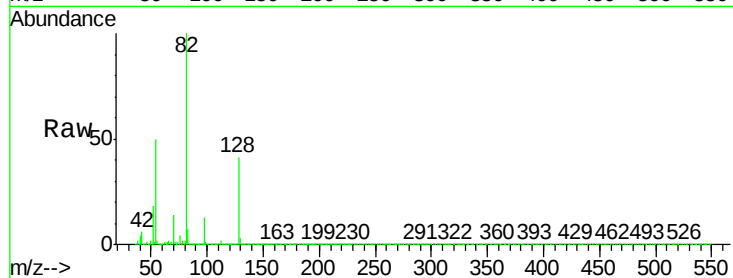
#23
Nitrobenzene-d5
Concen: 73.496 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	50.1	39.9	59.9

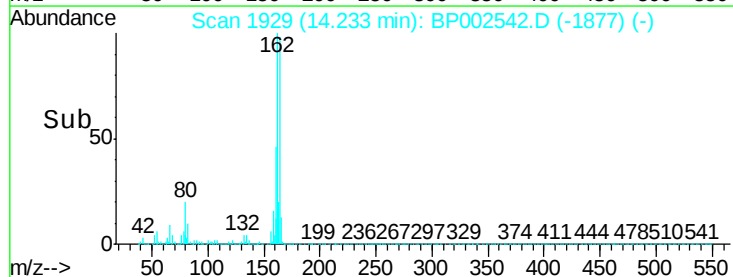
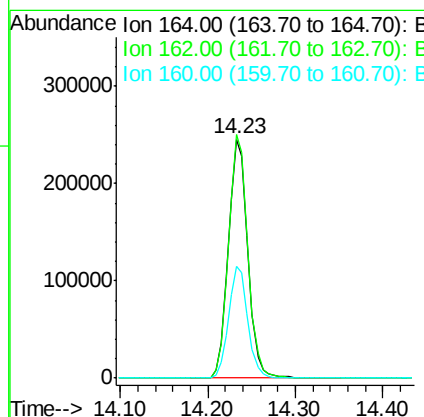
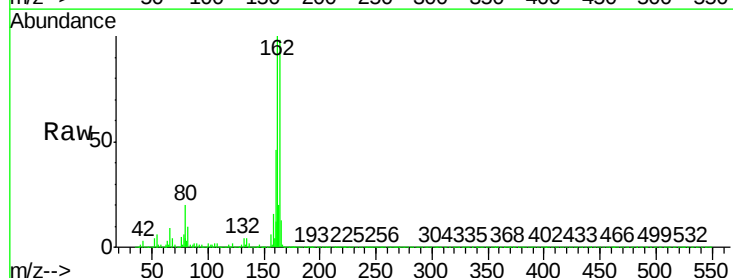
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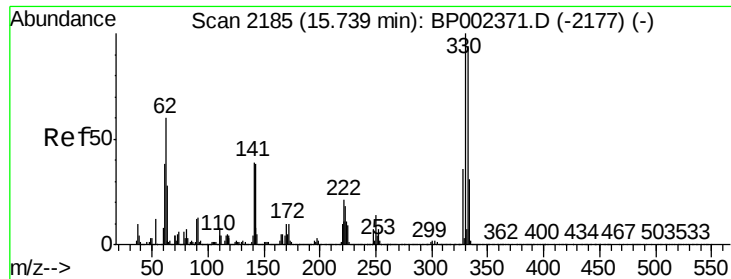
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	46.5	35.4	53.2





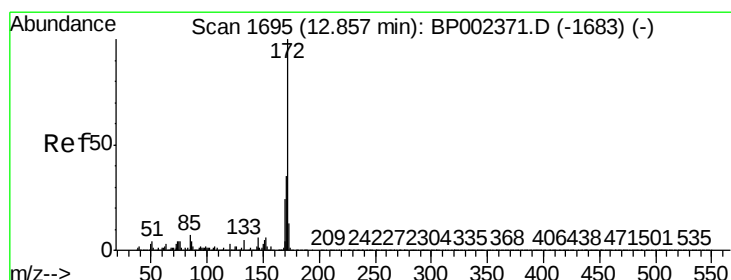
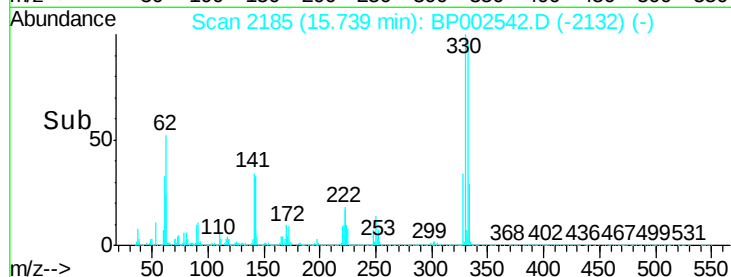
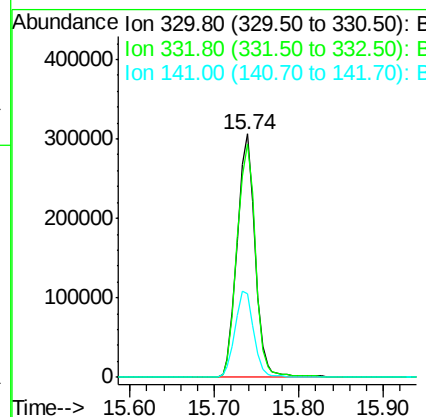
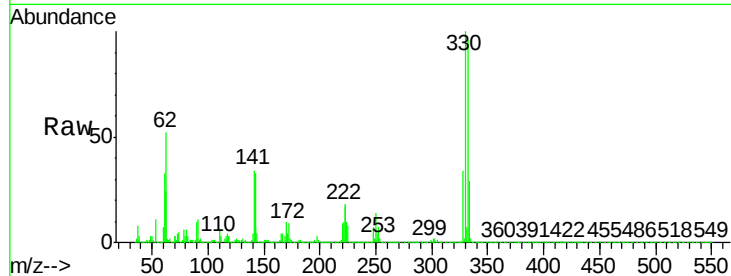
#42
 2,4,6-Tribromophenol
 Concen: 124.224 ng
 RT: 15.74 min Scan# 2185
 Delta R.T. 0.01 min
 Lab File: BP002542.D
 Acq: 25 Jun 2020 15:29

Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.2	115.8
141	36.8	30.4	45.6

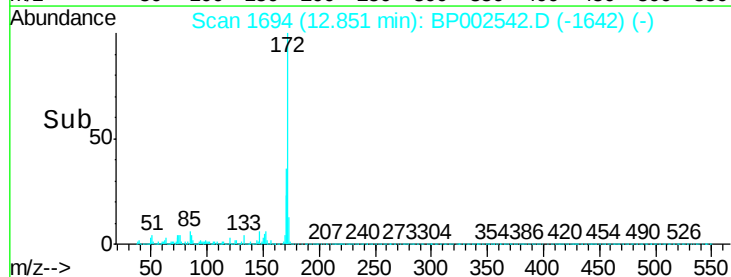
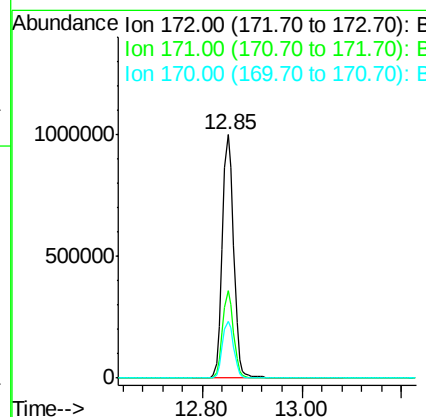
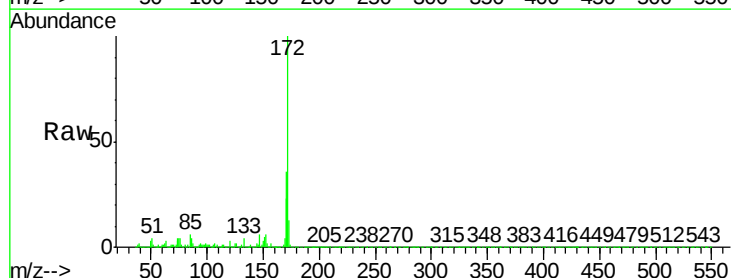
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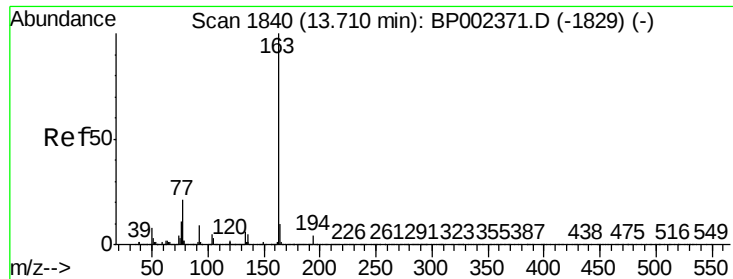
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#45
 2-Fluorobiphenyl
 Concen: 71.465 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: BP002542.D
 Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	23.2	19.0	28.6





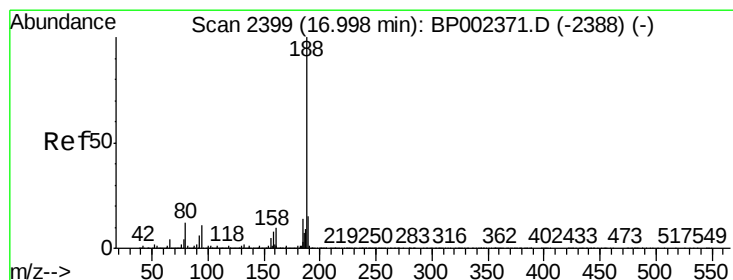
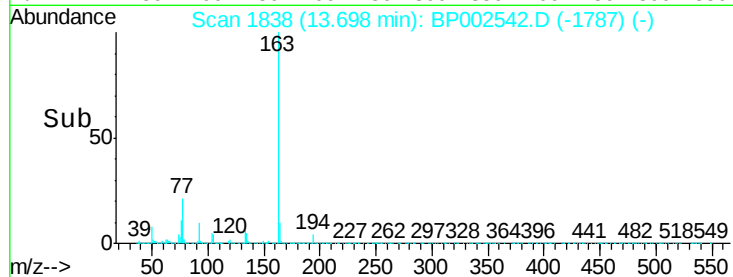
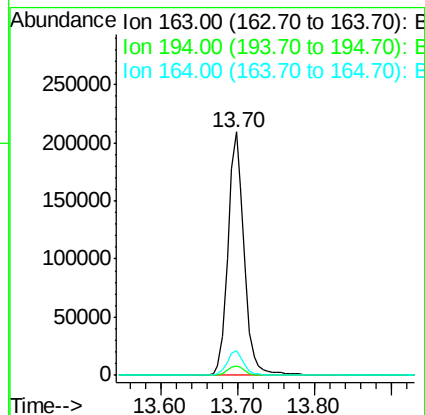
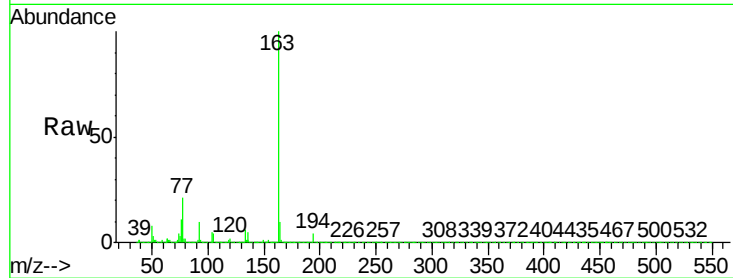
#50
Dimethylphthalate
Concen: 11.894 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion:	163	Resp:	306226
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	10.1	8.2	12.2

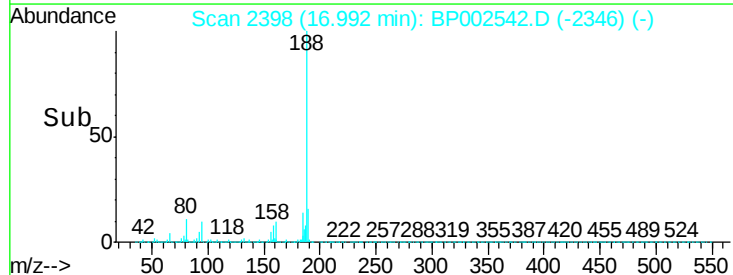
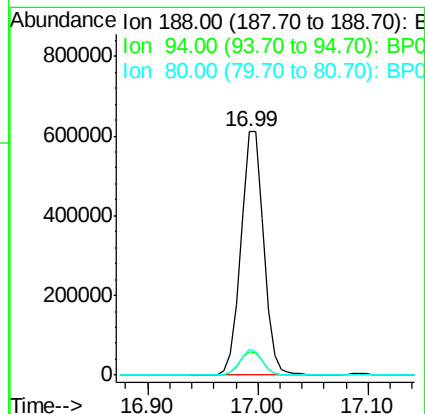
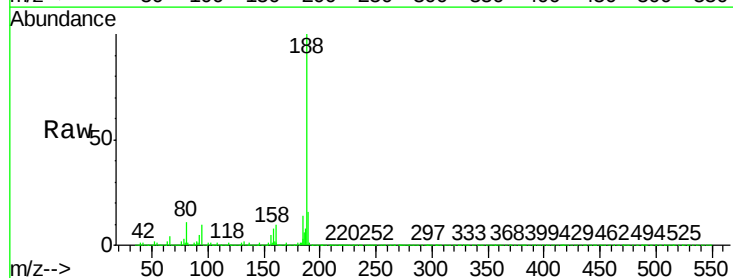
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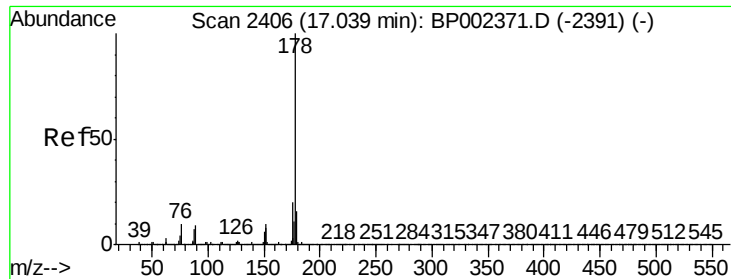
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion:	188	Resp:	886843
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.6	11.4
80	10.6	8.3	12.5





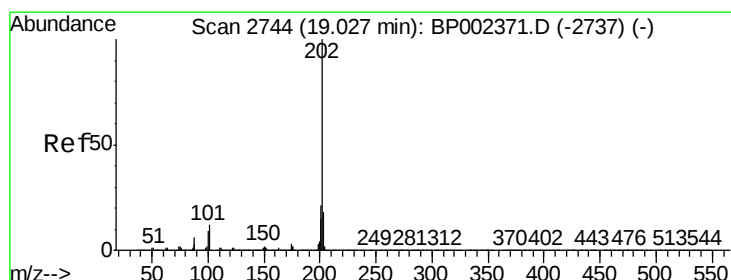
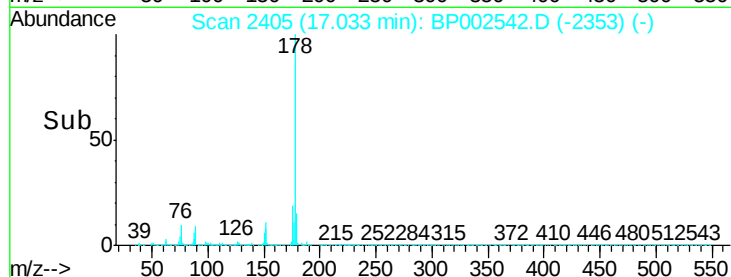
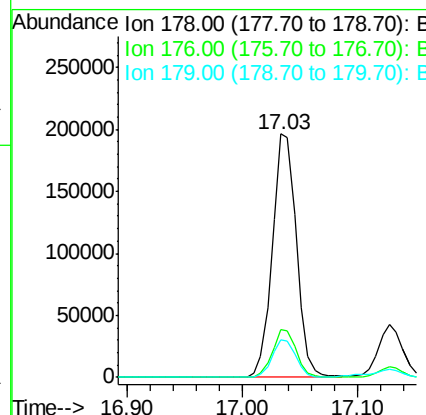
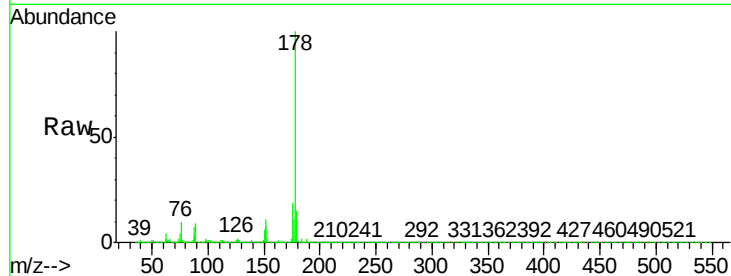
#71
Phenanthrene
Concen: 6.907 ng
RT: 17.03 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.8	19.2

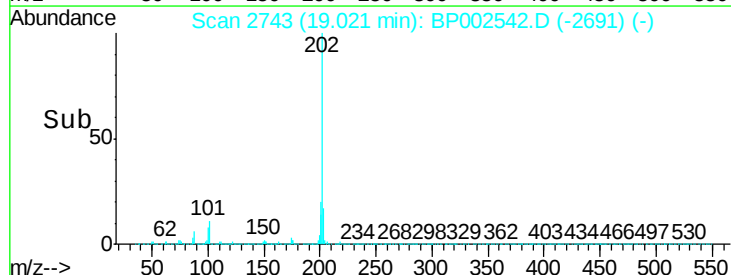
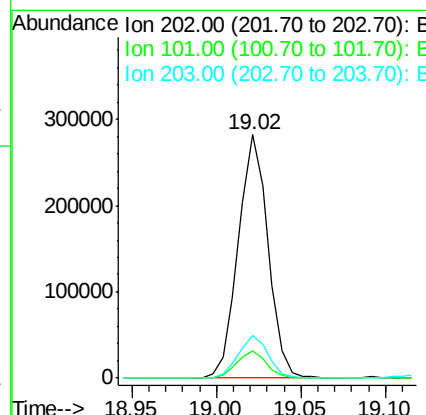
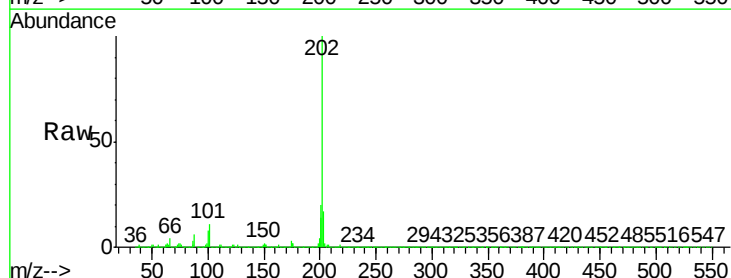
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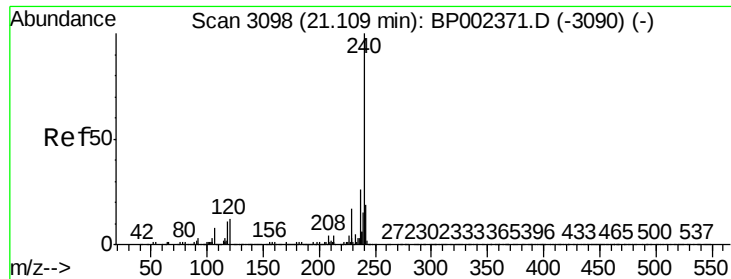
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#75
Fluoranthene
Concen: 6.998 ng
RT: 19.02 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	17.3	0.0	36.9





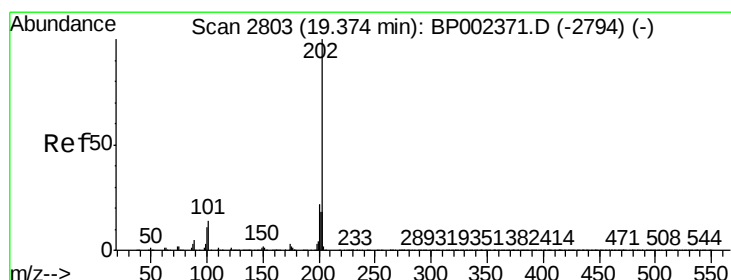
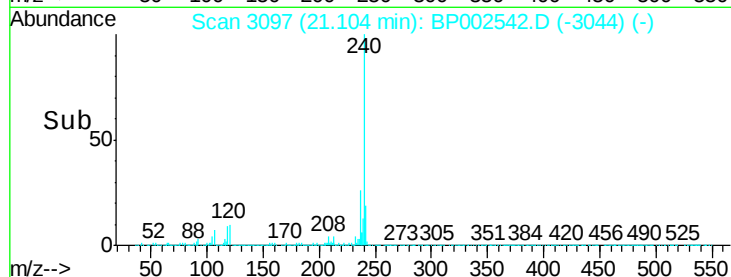
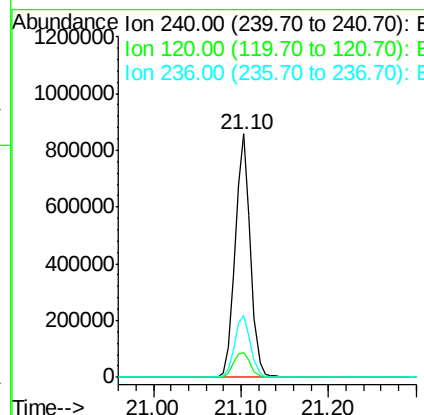
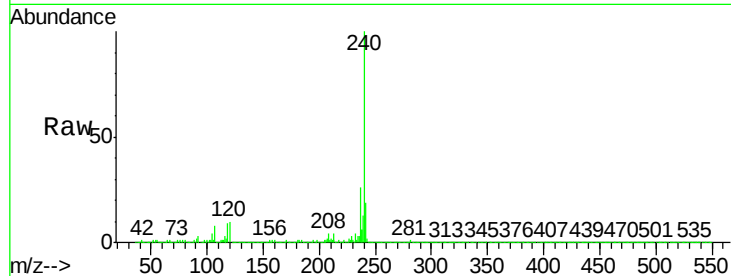
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.6	21.7	32.5

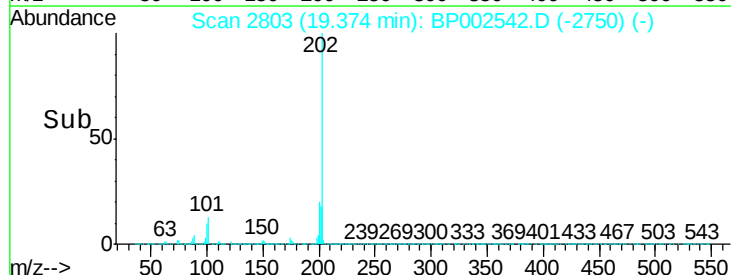
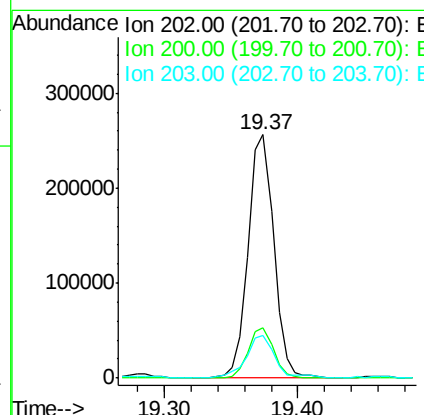
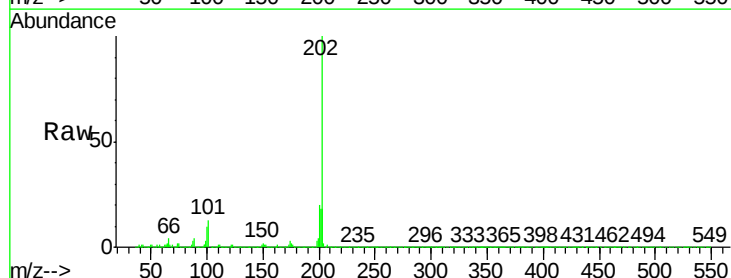
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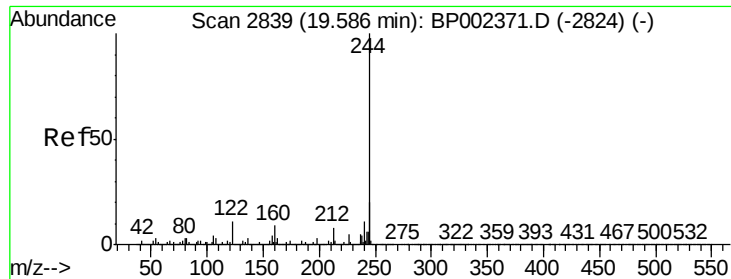
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#78
Pyrene
Concen: 5.431 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.6	14.1	21.1





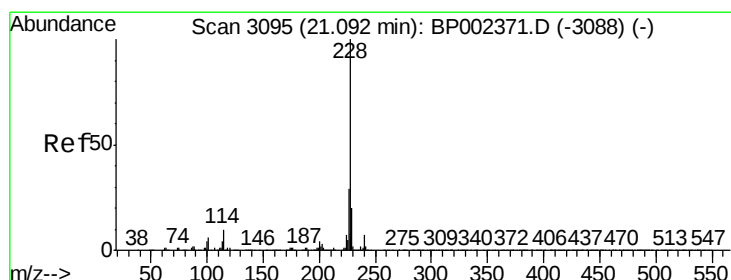
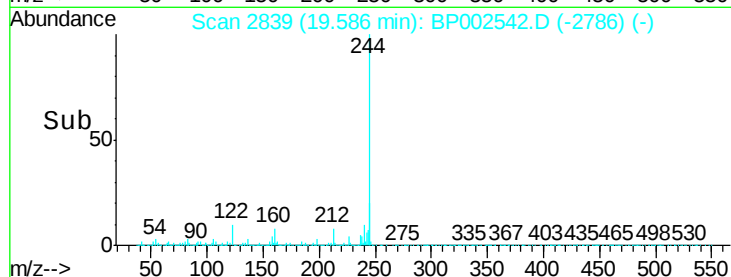
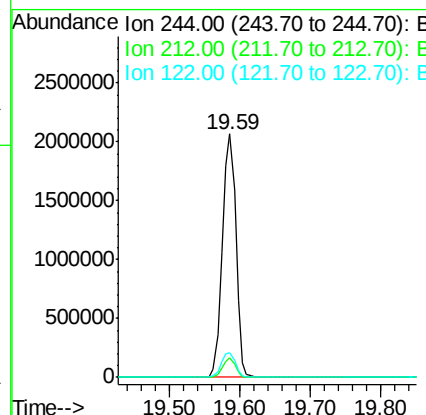
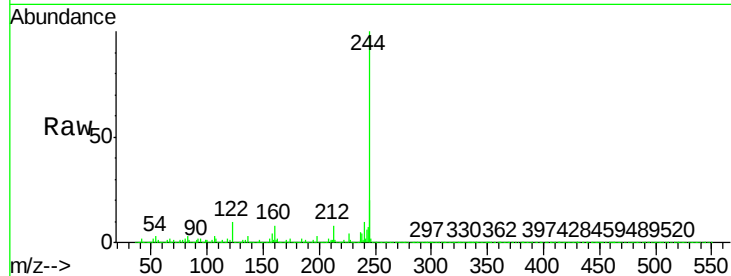
#79
 Terphenyl-d14
 Concen: 62.020 ng
 RT: 19.59 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BP002542.D
 Acq: 25 Jun 2020 15:29

Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.2	8.0	12.0

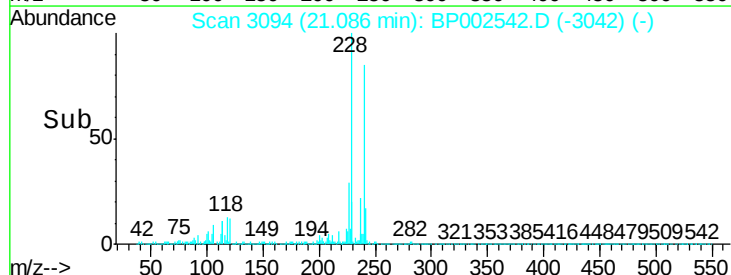
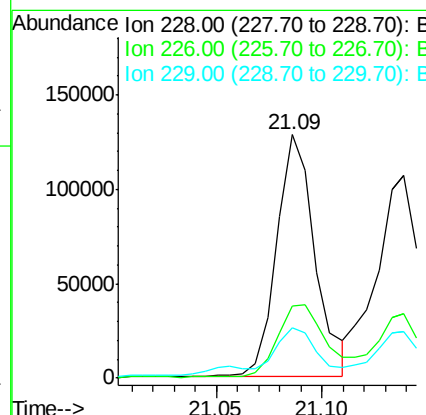
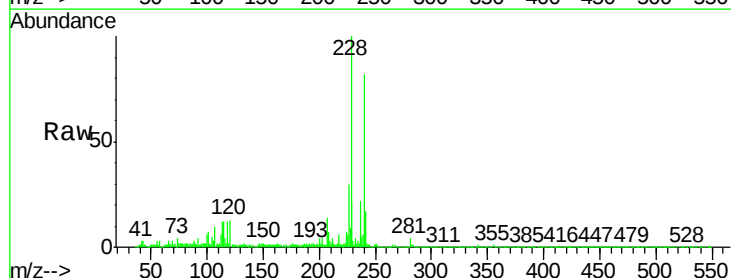
Manual Integrations
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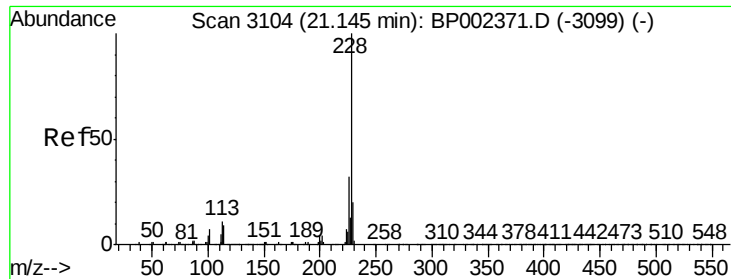
mohammad
 6/26/2020 12:19:25 PM



#81
 Benzo(a)anthracene
 Concen: 2.806 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. 0.01 min
 Lab File: BP002542.D
 Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.3	33.5
229	20.8	15.9	23.9





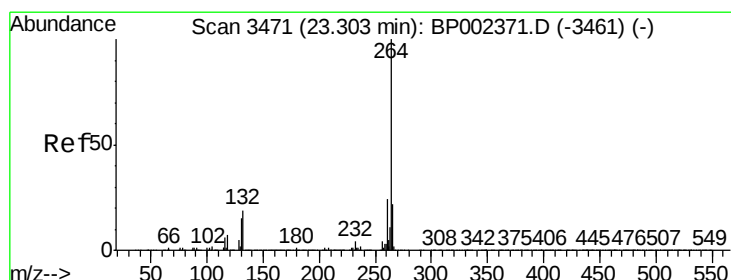
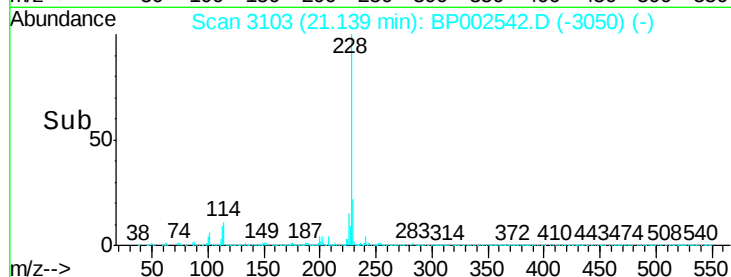
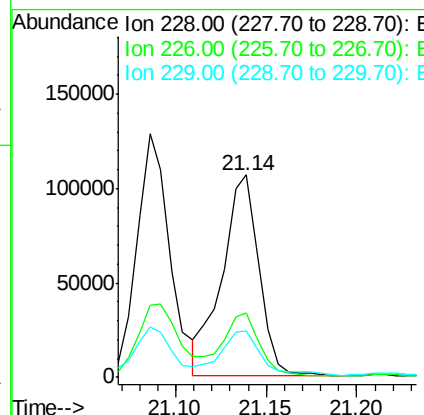
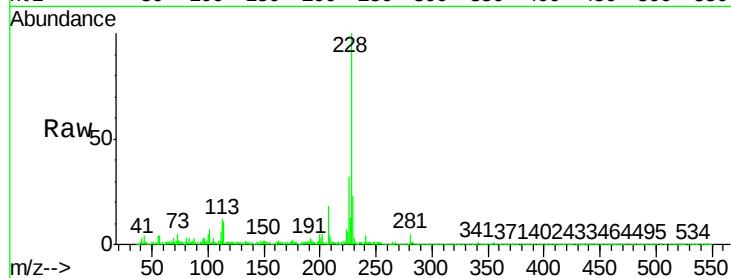
#83
Chrysene
Concen: 2.750 ng
RT: 21.14 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.9	15.7	23.5

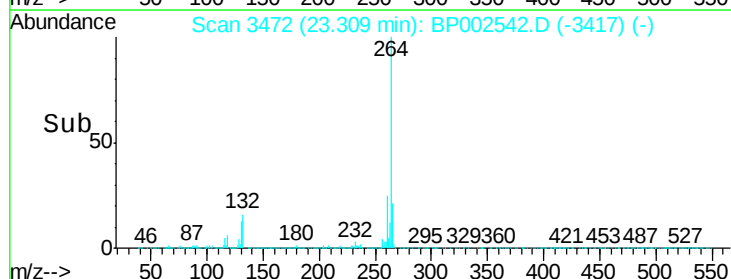
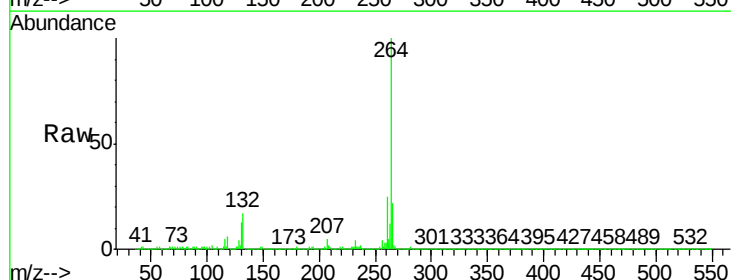
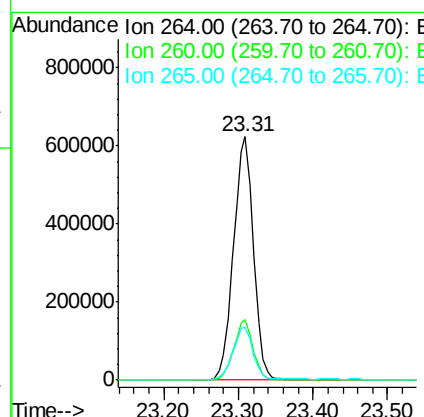
Manual Integrations
APPROVED

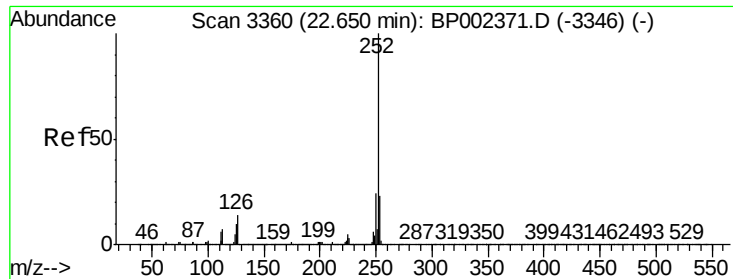
mohammad
6/26/2020 12:19:25 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.02 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.5	17.6	26.4





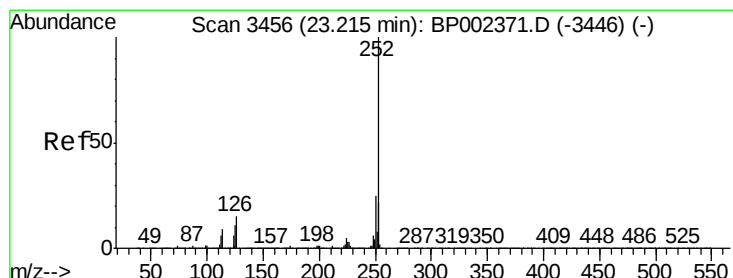
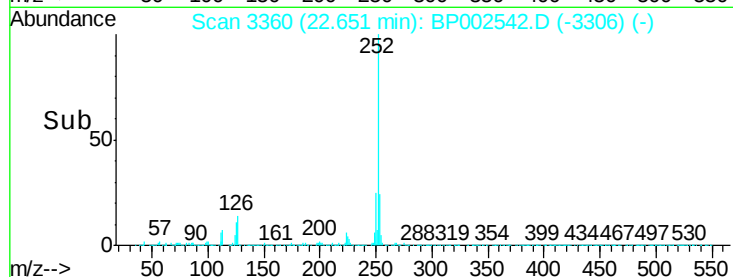
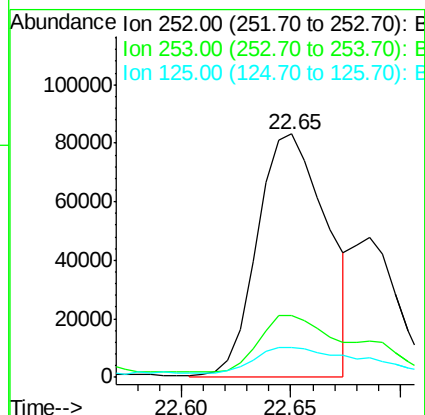
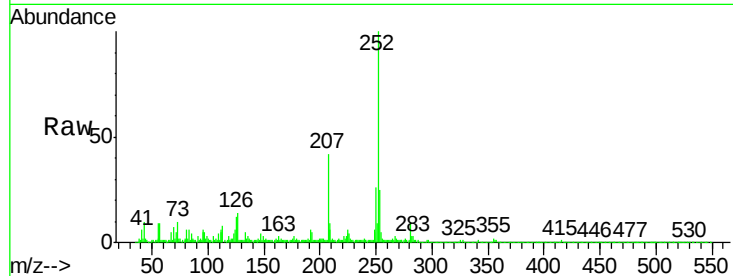
#88
Benzo(b)fluoranthene
Concen: 2.957 ng m
RT: 22.65 min Scan# 3360
Delta R.T. 0.02 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	12.5	7.5	11.3

Manual Integrations
APPROVED

mohammad
6/26/2020 12:19:25 PM



#90
Benzo(a)pyrene
Concen: 2.500 ng
RT: 23.21 min Scan# 3455
Delta R.T. 0.02 min
Lab File: BP002542.D
Acq: 25 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	13.1	8.7	13.1

