

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002524.D
 Acq On : 24 Jun 2020 15:53
 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 24 17:19:25 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	7.58	152	194515	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	731244	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	383857	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	710685	20.00	ng	0.00
76) Chrysene-d12	21.09	240	711293	20.00	ng	0.00
86) Perylene-d12	23.29	264	825788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1073844	102.15	ng	0.00
7) Phenol-d6	6.77	99	1385300	98.98	ng	0.00
23) Nitrobenzene-d5	8.72	82	926466	75.66	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	367189	99.91	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1790404	78.43	ng	0.00
79) Terphenyl-d14	19.57	244	2022143	67.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	320008	12.167	ng	99
71) Phenanthrene	17.03	178	229246	6.896	ng	99
75) Fluoranthene	19.01	202	236994	5.972	ng	98
78) Pyrene	19.36	202	229474	5.267	ng	99
81) Benzo(a)anthracene	21.07	228	115194	2.837	ng	94
83) Chrysene	21.12	228	105262	2.736	ng	95
88) Benzo(b)fluoranthene	22.63	252	131534m	2.954	ng	
90) Benzo(a)pyrene	23.19	252	102820	2.464	ng	# 97

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

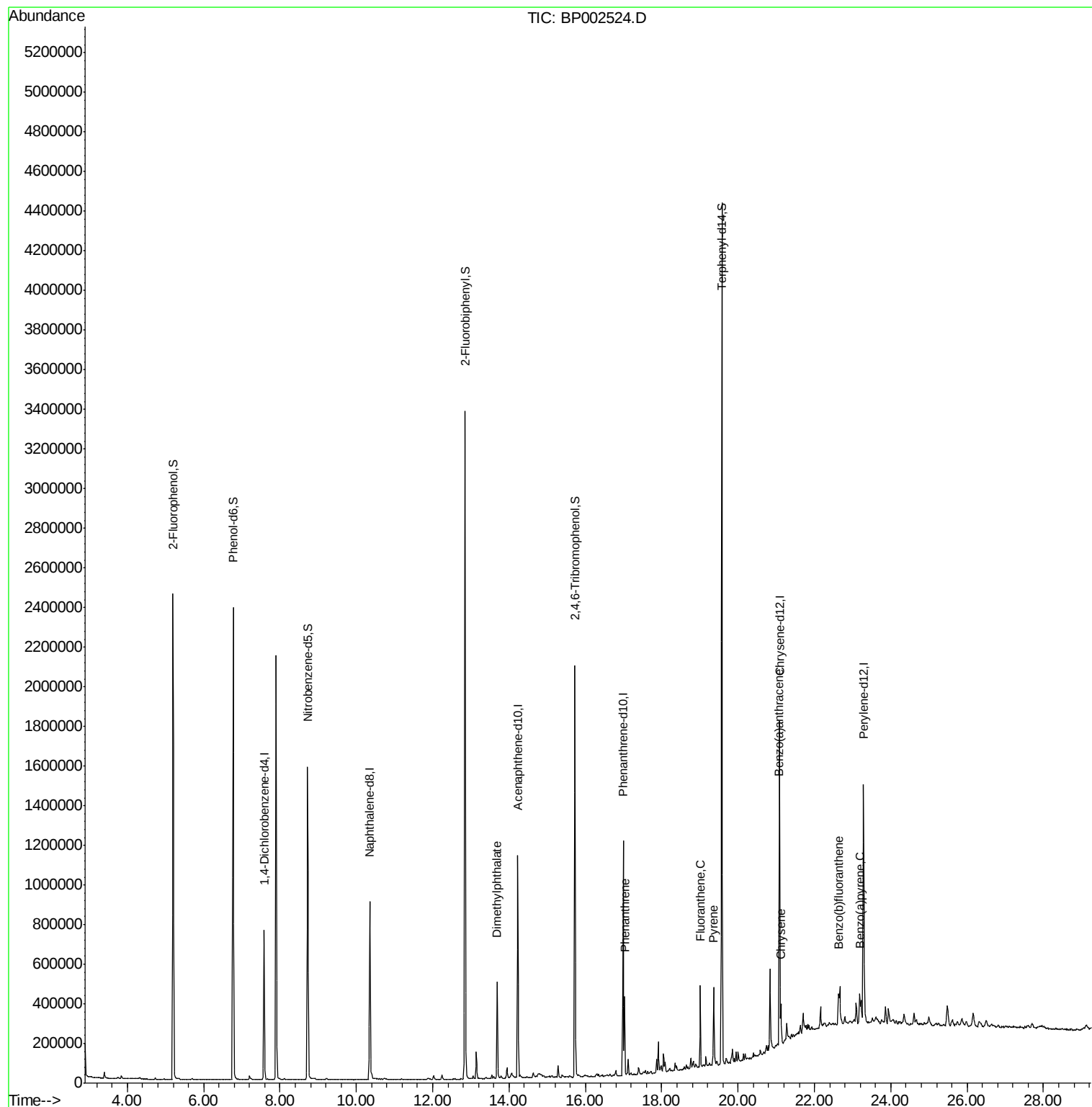
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Data File : BP002524.D
Acq On : 24 Jun 2020 15:53
Operator : CG/JU
Sample : L3094-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

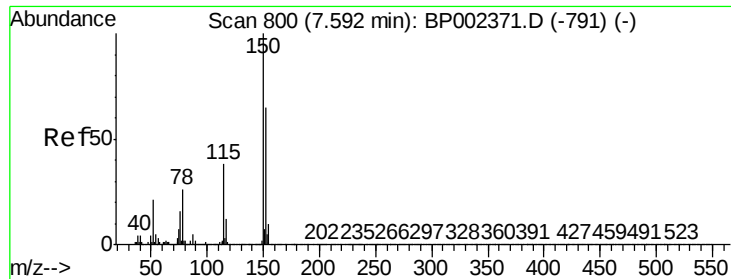
Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

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Quant Time: Jun 24 17:19:25 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





#1

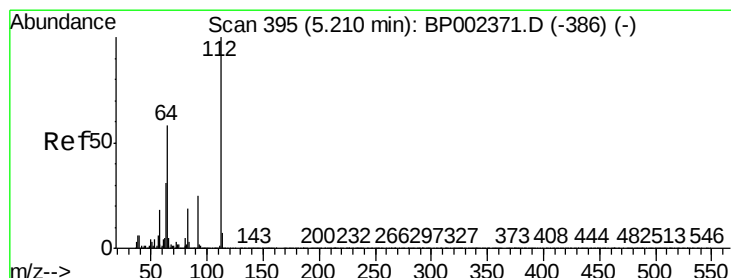
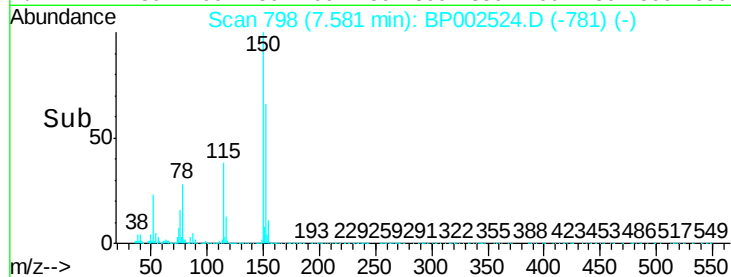
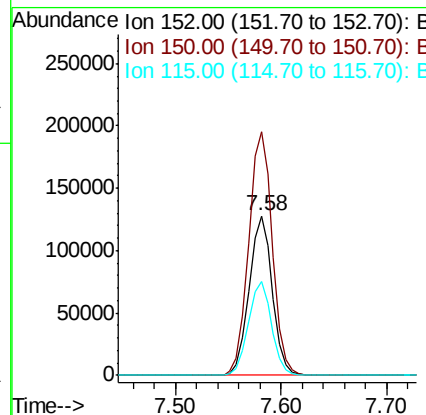
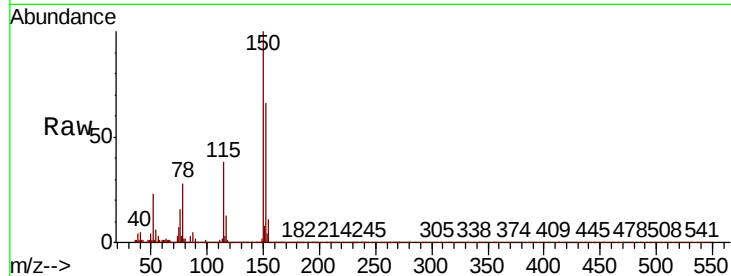
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.4	186.6
115	58.7	47.8	71.6

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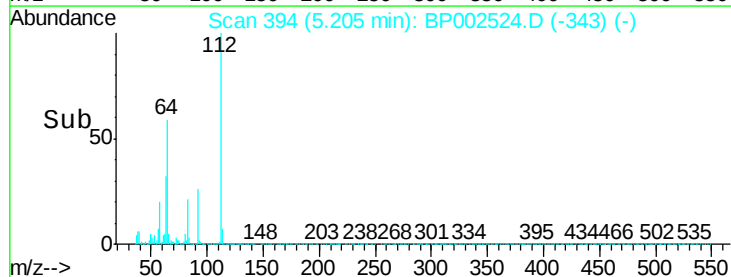
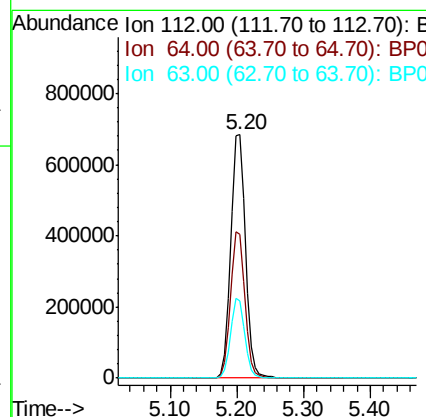
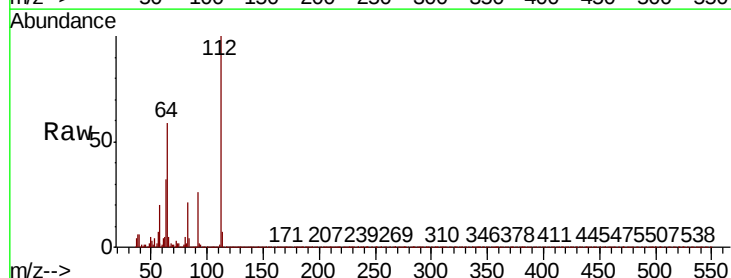
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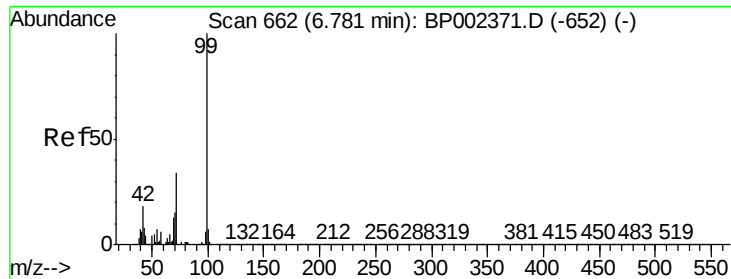


#5

2-Fluorophenol
Concen: 102.154 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.4	69.6
63	31.8	25.0	37.6





#7

Phenol-d6

Concen: 98.981 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Instrument :

BNA_P

ClientSampleId :

BRENNAN-FL-001

Tot Ion: 99 Resp: 1385300

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

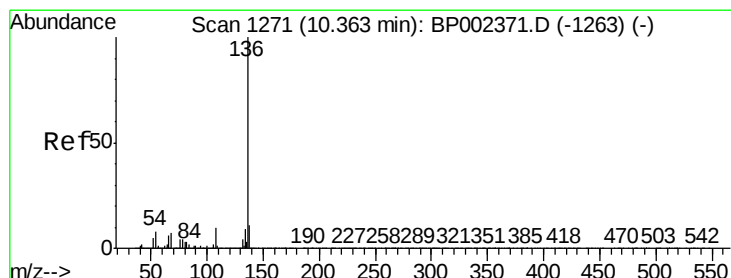
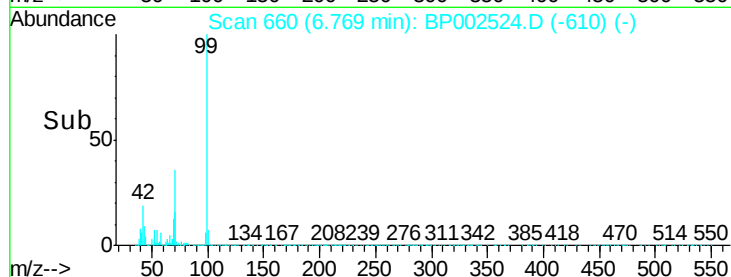
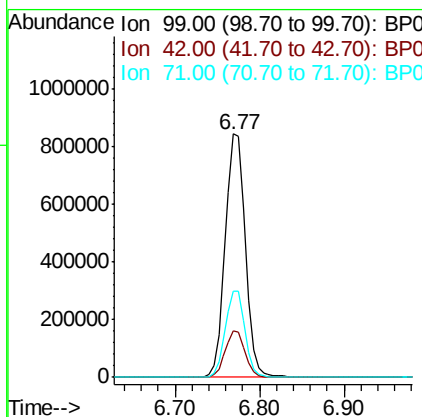
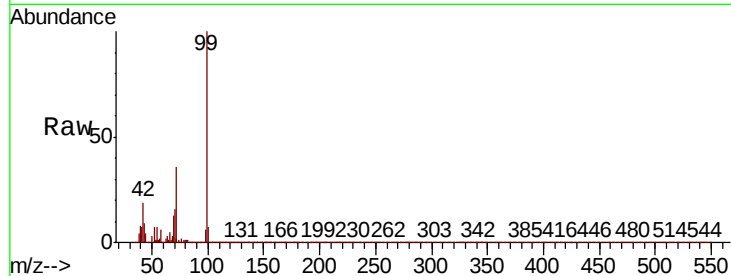
71 35.5 28.2 42.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP002524.D

Acq: 24 Jun 2020 15:53

Tgt Ion: 136 Resp: 731244

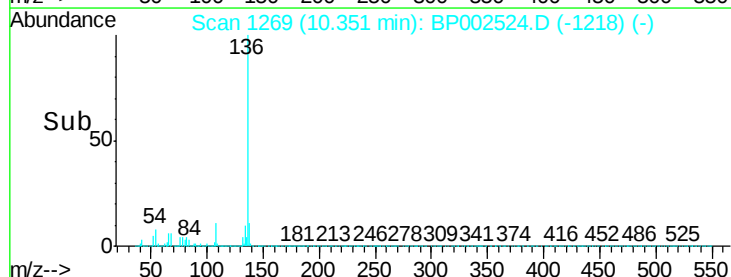
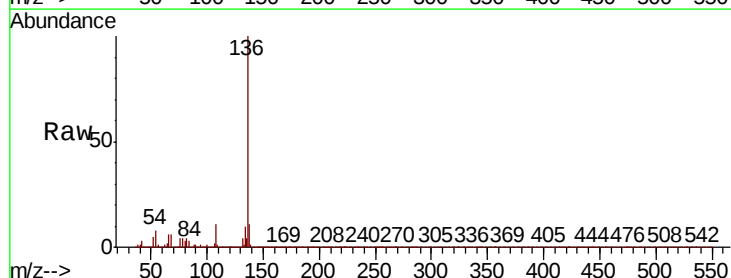
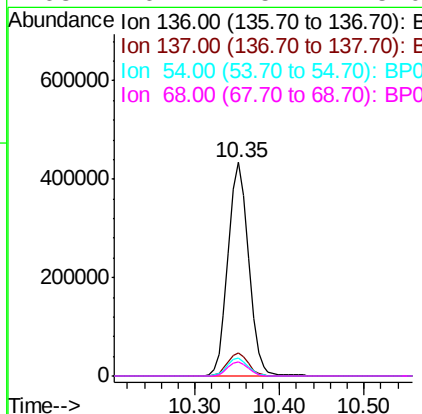
Ion Ratio Lower Upper

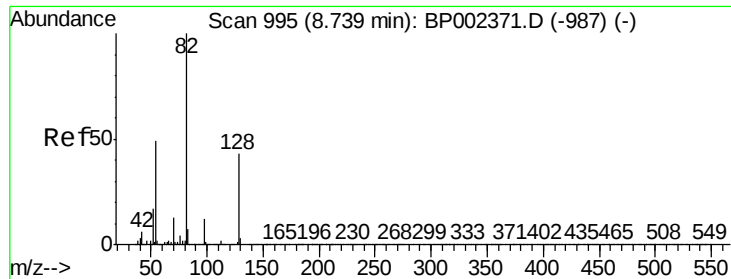
136 100

137 10.6 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0





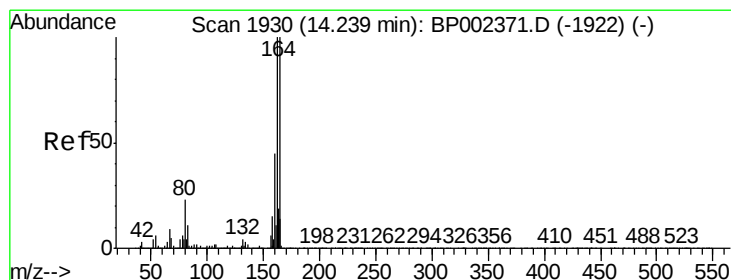
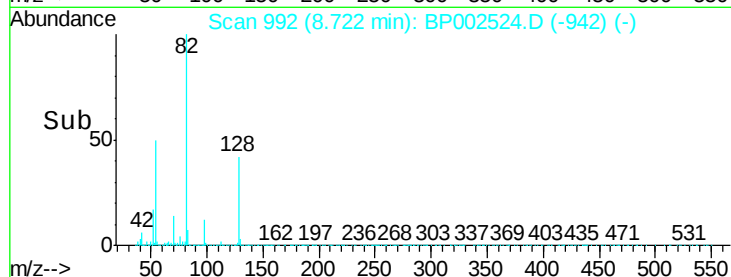
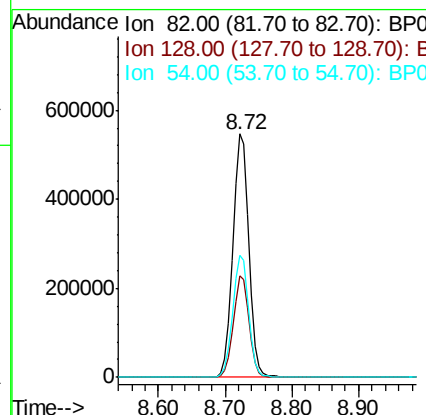
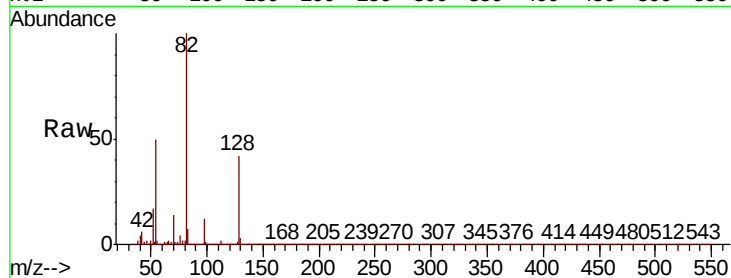
#23
Nitrobenzene-d5
Concen: 75.662 ng
RT: 8.72 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	50.4	39.9	59.9

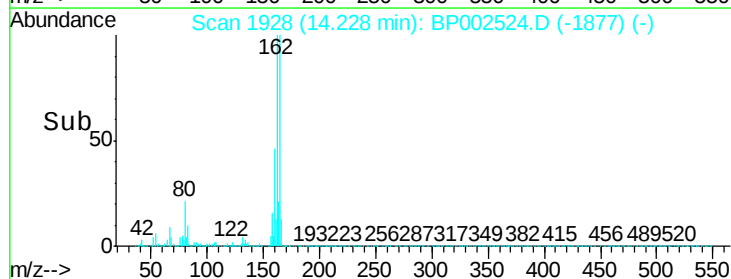
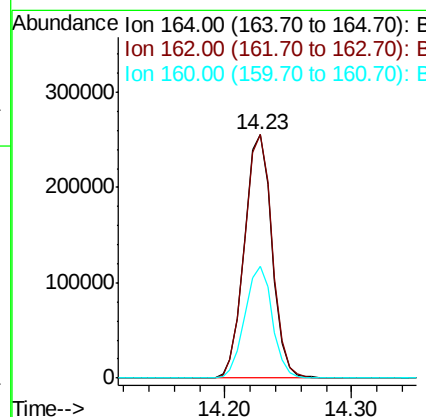
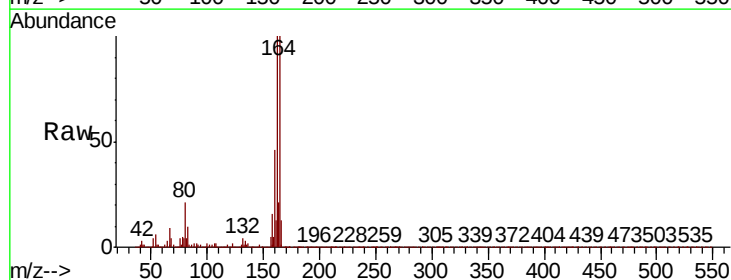
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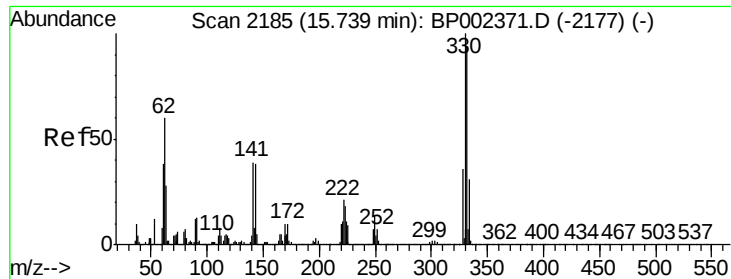
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	121.0
160	45.9	35.4	53.2





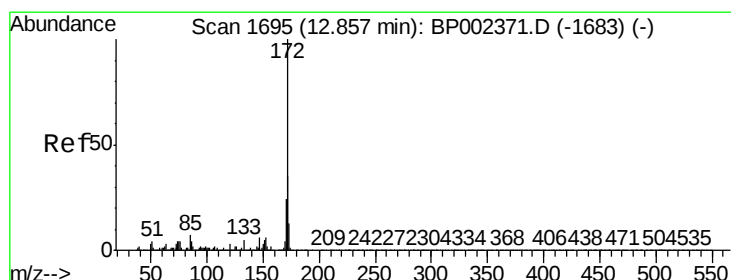
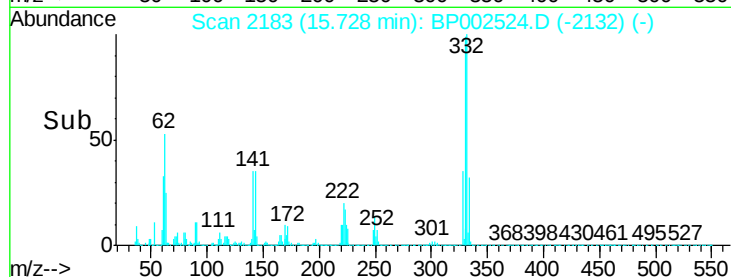
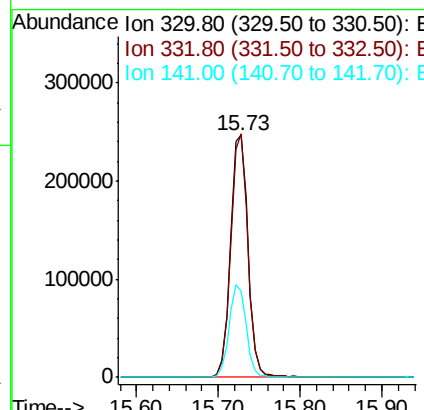
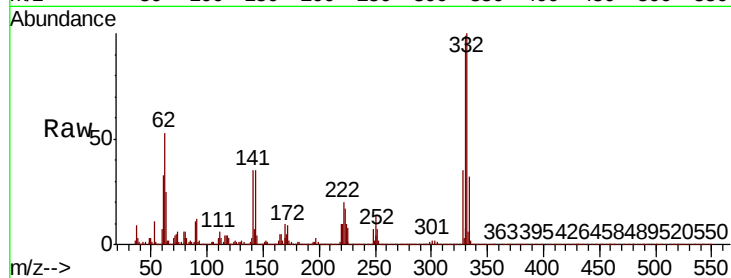
#42
 2,4,6-Tribromophenol
 Concen: 99.911 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BP002524.D
 Acq: 24 Jun 2020 15:53

Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	37.4	30.4	45.6

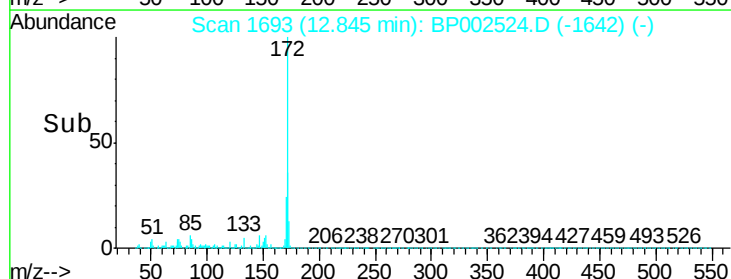
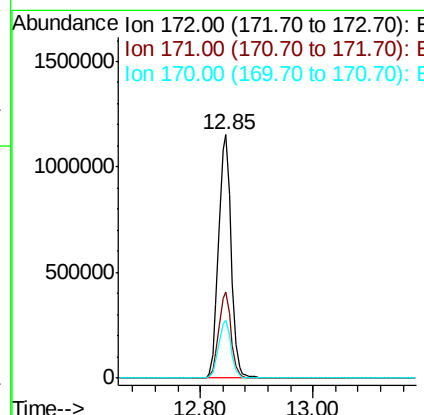
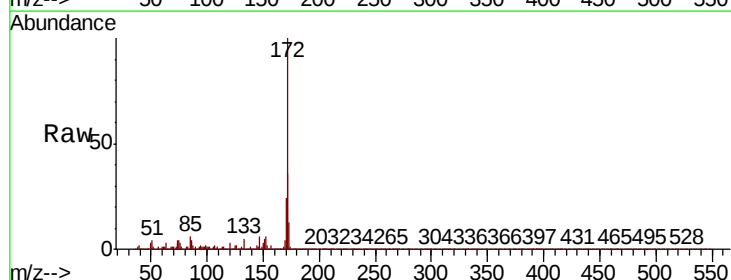
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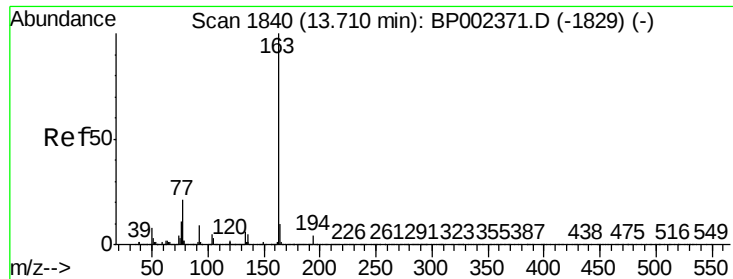
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#45
 2-Fluorobiphenyl
 Concen: 78.425 ng
 RT: 12.85 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BP002524.D
 Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.0	19.0	28.6





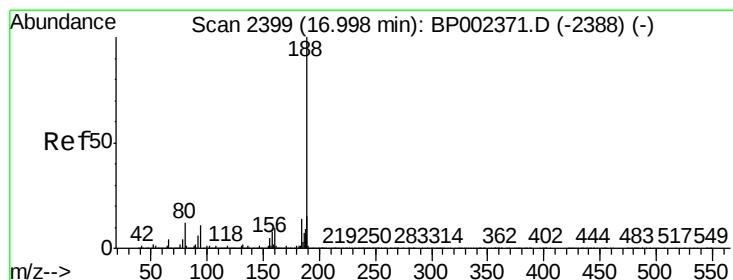
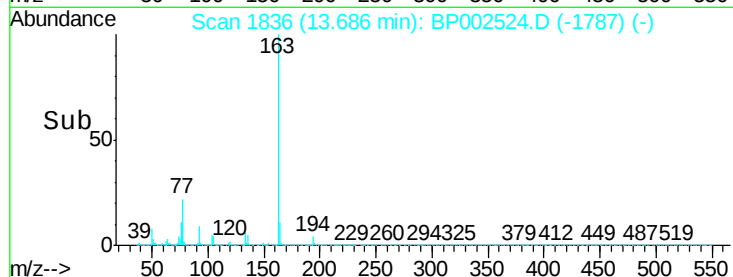
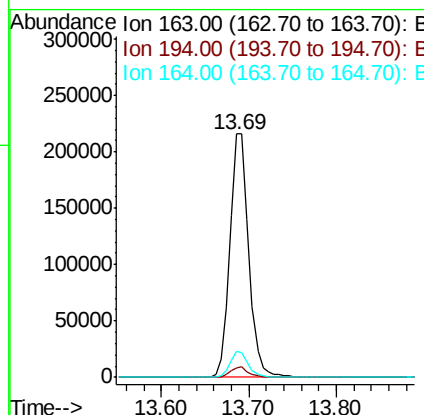
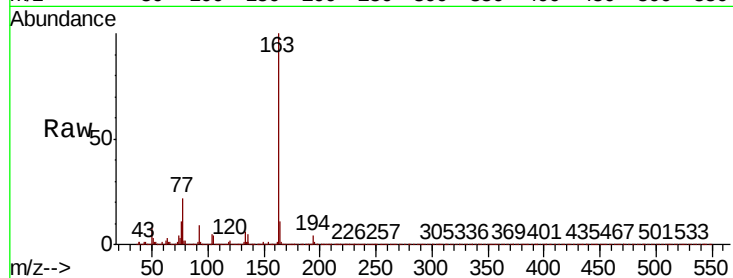
#50
Dimethylphthalate
Concen: 12.167 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	8.2	12.2

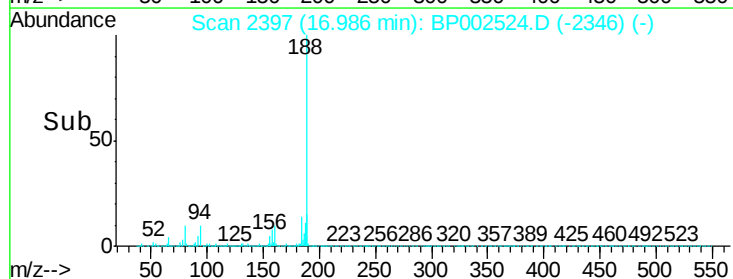
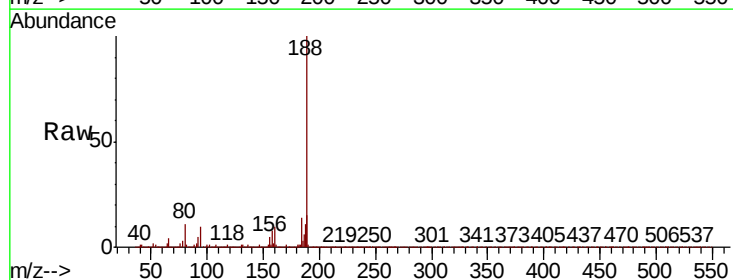
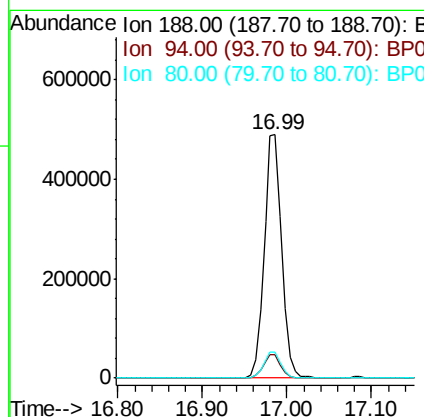
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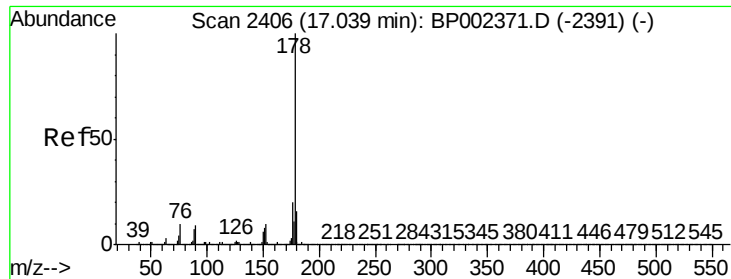
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.5	8.3	12.5





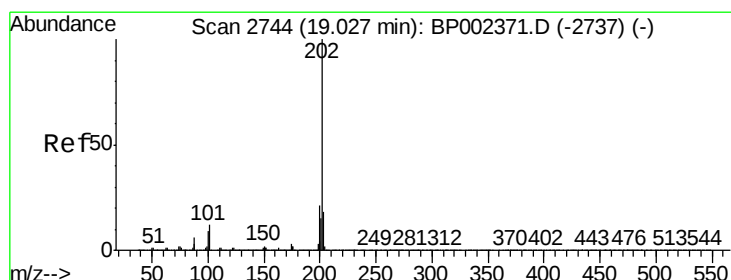
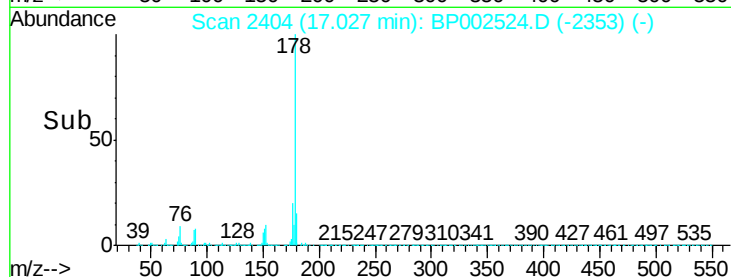
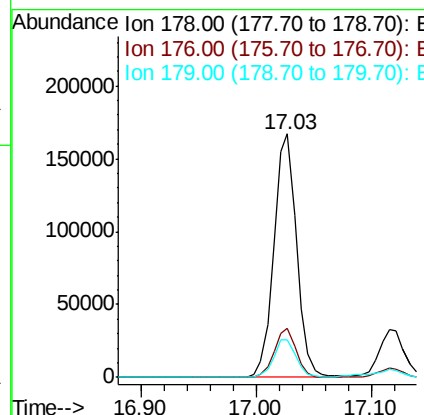
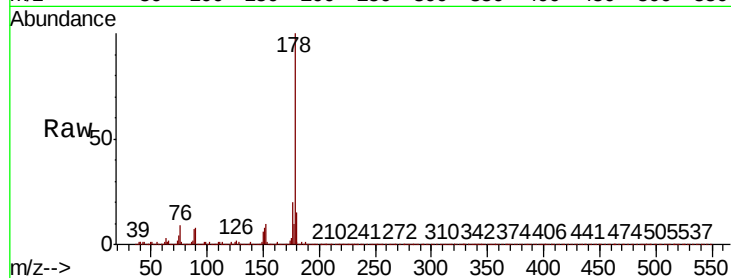
#71
Phenanthrene
Concen: 6.896 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.4	12.8	19.2

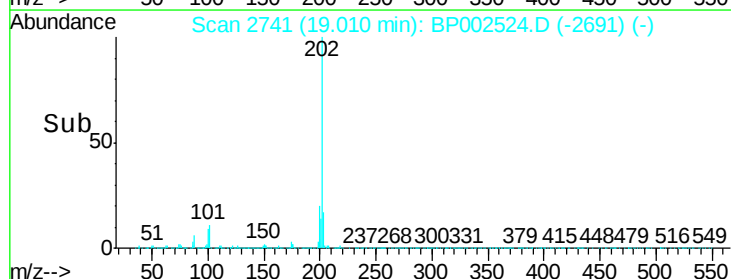
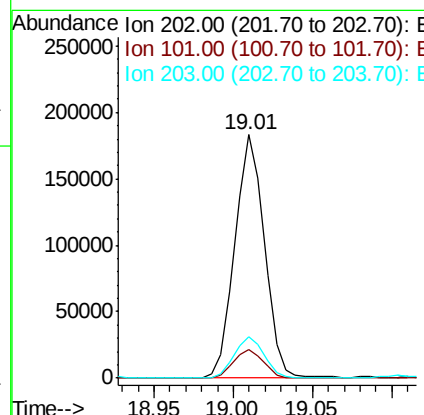
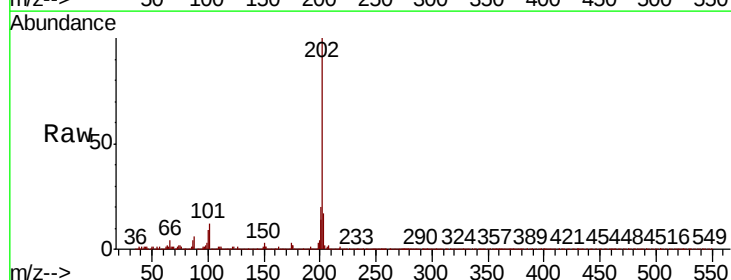
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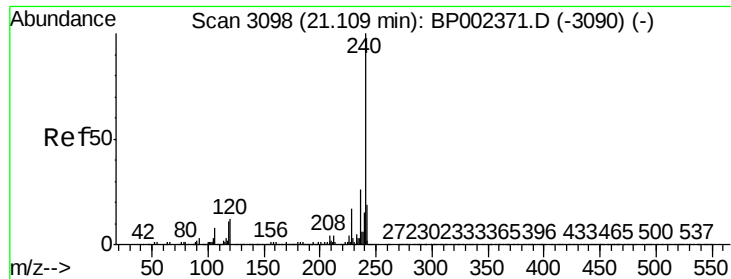
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#75
Fluoranthene
Concen: 5.972 ng
RT: 19.01 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
203	17.2	0.0	36.9





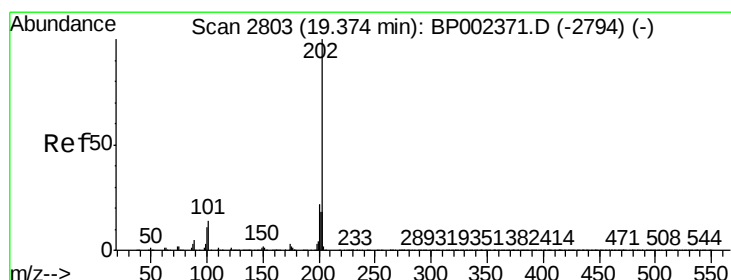
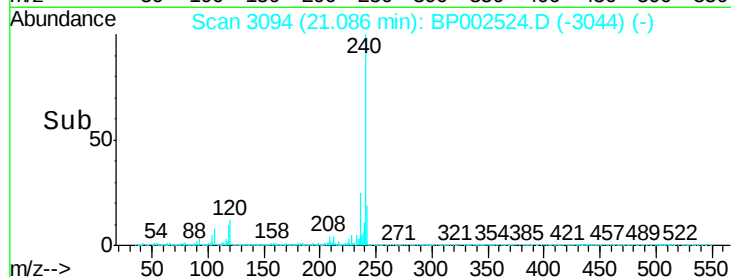
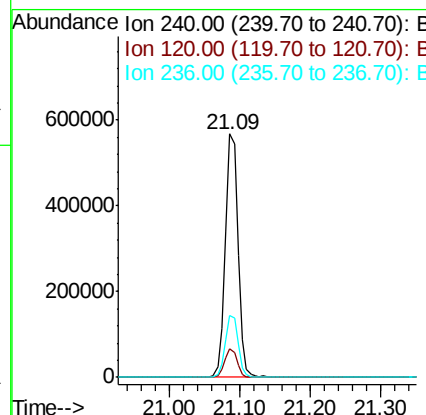
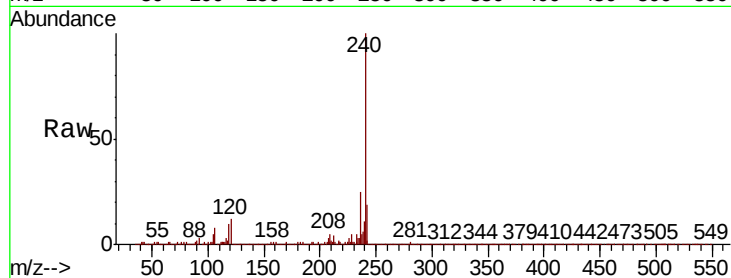
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.5	21.7	32.5

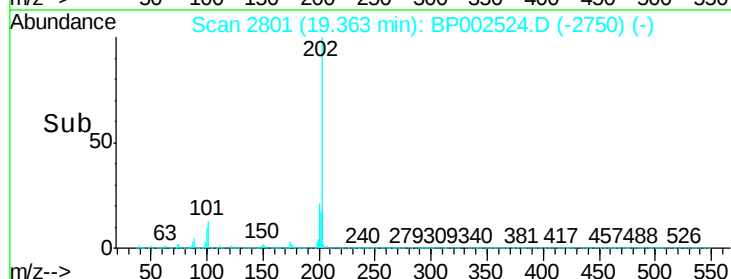
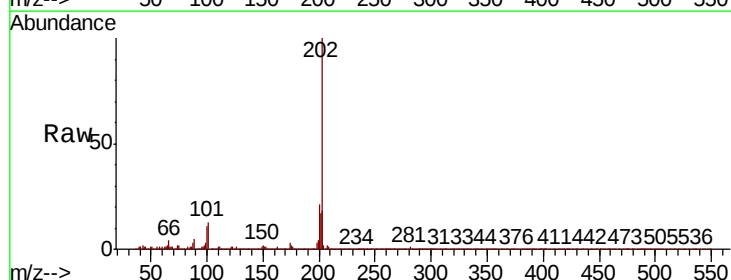
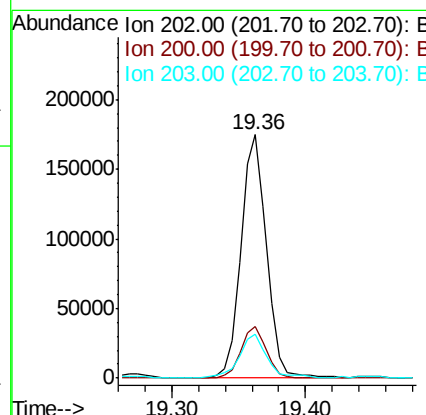
Manual Integrations
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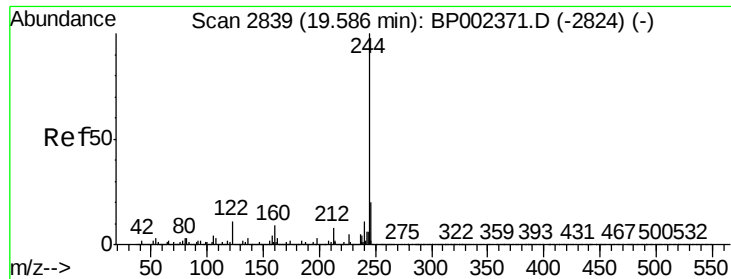
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#78
Pyrene
Concen: 5.267 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.0	14.1	21.1





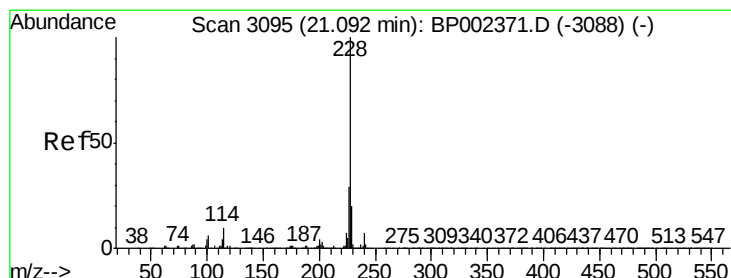
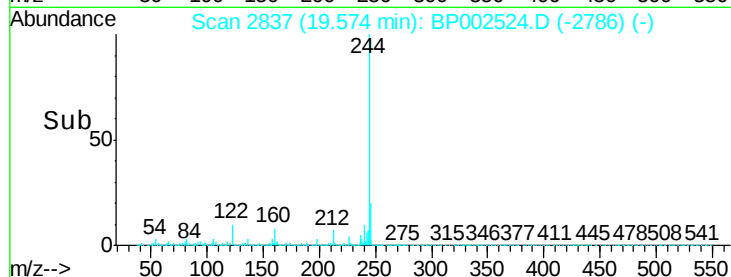
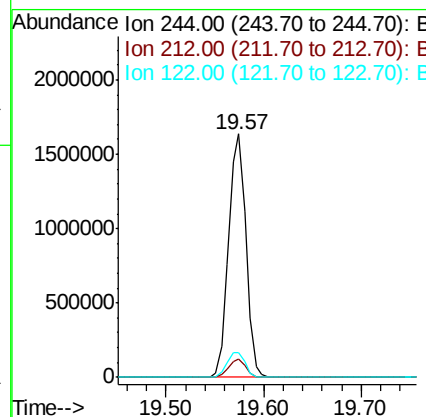
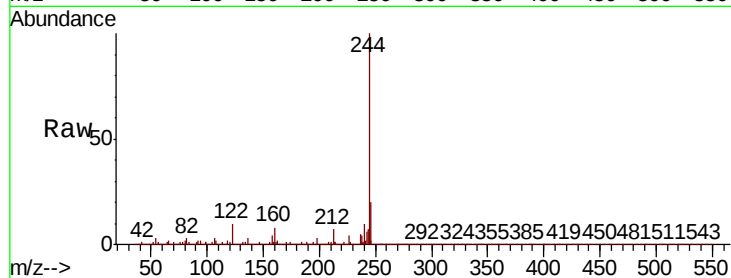
#79
 Terphenyl-d14
 Concen: 67.289 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BP002524.D
 Acq: 24 Jun 2020 15:53

Instrument :
 BNA_P
 ClientSampleId :
 BRENNAN-FL-001

Tot Ion:244 Resp: 2022143
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 10.4 8.0 12.0

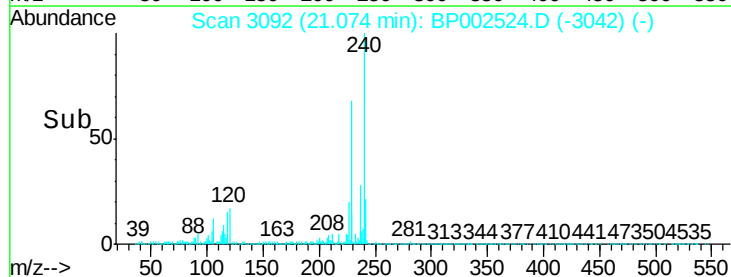
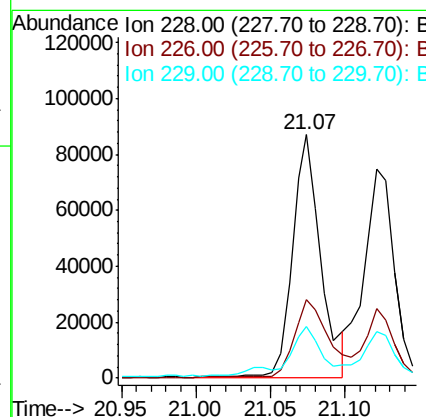
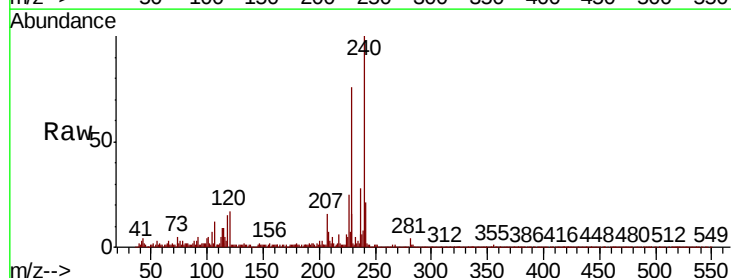
Manual Integrations
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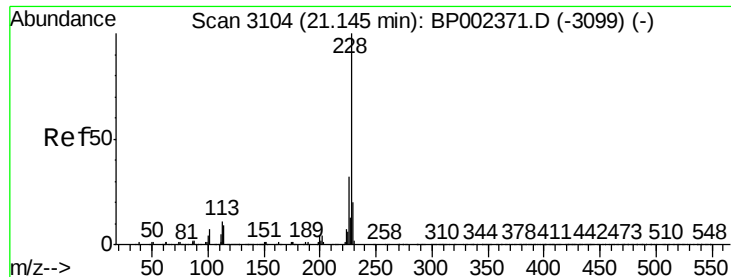
mohammad
 6/25/2020 1:07:29 PM



#81
 Benzo(a)anthracene
 Concen: 2.837 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BP002524.D
 Acq: 24 Jun 2020 15:53

Tgt Ion:228 Resp: 115194
 Ion Ratio Lower Upper
 228 100
 226 32.5 22.3 33.5
 229 21.0 15.9 23.9





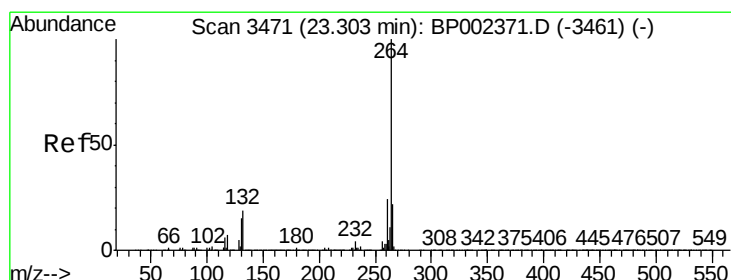
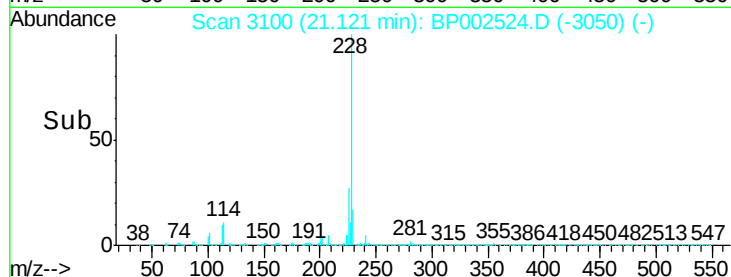
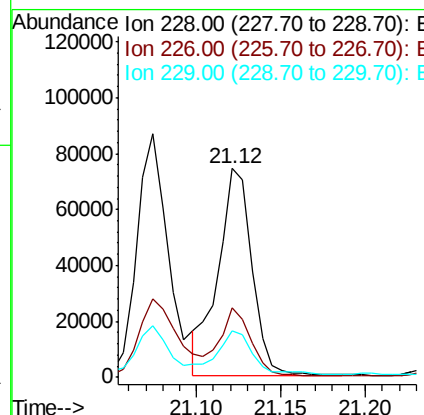
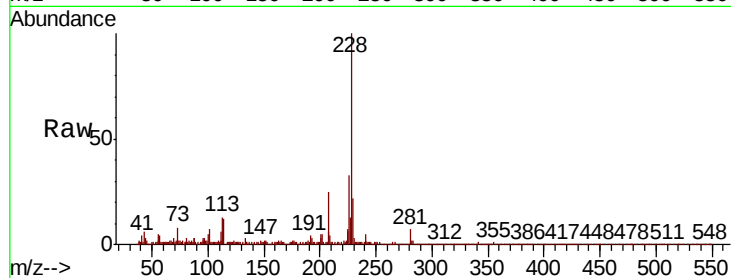
#83
Chrysene
Concen: 2.736 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	22.4	15.7	23.5

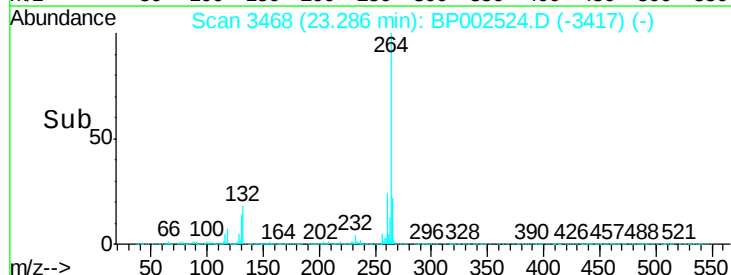
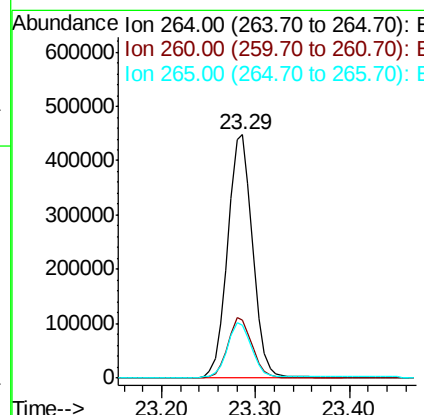
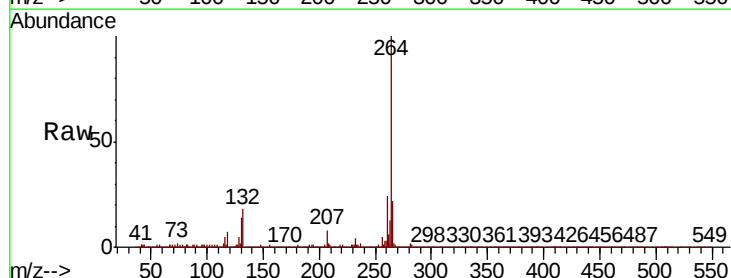
Manual Integrations
APPROVED

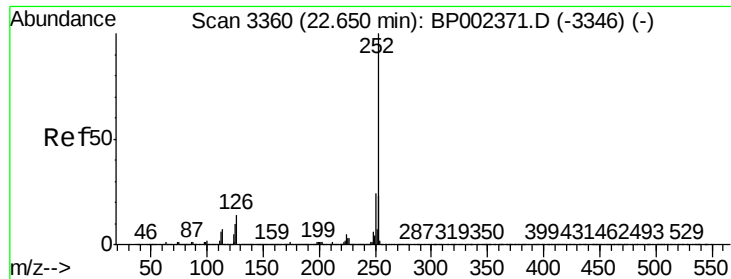
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.8	17.6	26.4





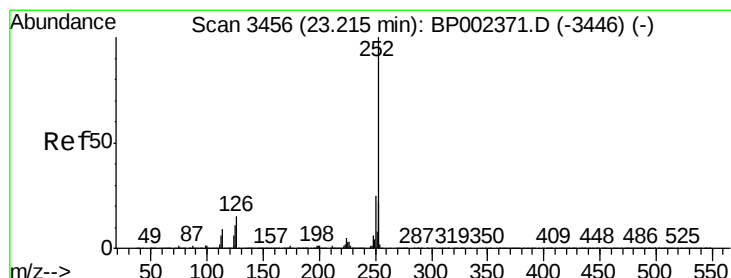
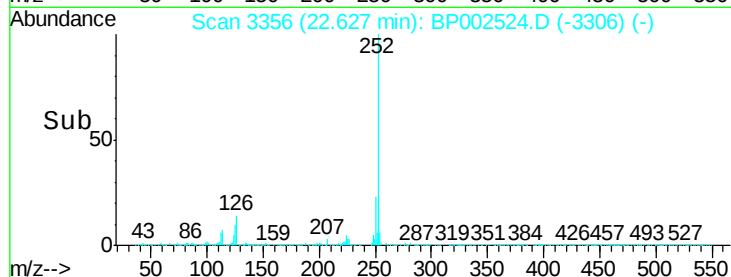
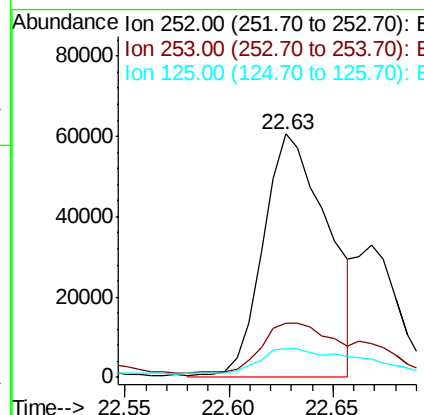
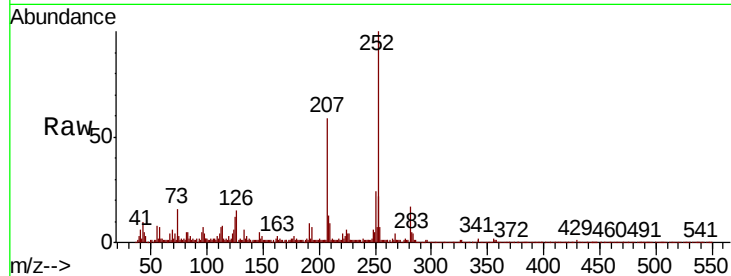
#88
Benzo(b)fluoranthene
Concen: 2.954 ng m
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Instrument :
BNA_P
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.6	7.5	11.3

Manual Integrations
APPROVED

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#90
Benzo(a)pyrene
Concen: 2.464 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002524.D
Acq: 24 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	14.3	8.7	13.1

