

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002527.D
 Acq On : 24 Jun 2020 17:35
 Operator : CG/JU
 Sample : L3089-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB47185-RT

Manual Integrations
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mohammad
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Quant Time: Jun 24 18:28:00 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	237871	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	953993	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	547219	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1071580	20.00	ng	0.00
76) Chrysene-d12	21.09	240	796112	20.00	ng	0.00
86) Perylene-d12	23.29	264	904134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1439677	111.99	ng	0.00
7) Phenol-d6	6.78	99	1916801	112.00	ng	0.00
23) Nitrobenzene-d5	8.73	82	1332929	83.44	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	635026	121.21	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2653401	81.53	ng	0.00
79) Terphenyl-d14	19.57	244	3019009	103.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	359862	9.597	ng	99
71) Phenanthrene	17.03	178	249208	4.972	ng	99
75) Fluoranthene	19.01	202	596239	9.965	ng	98
78) Pyrene	19.36	202	510187	10.462	ng	98
81) Benzo(a)anthracene	21.07	228	244228	5.374	ng	98
83) Chrysene	21.13	228	278099m	6.459	ng	
87) Indeno(1,2,3-cd)pyrene	25.49	276	180995	3.201	ng	99
88) Benzo(b)fluoranthene	22.63	252	369095	7.570	ng	# 97
89) Benzo(k)fluoranthene	22.67	252	133719m	2.886	ng	
90) Benzo(a)pyrene	23.19	252	245006	5.362	ng	98
92) Benzo(g,h,i)perylene	26.16	276	171741	3.655	ng	96

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

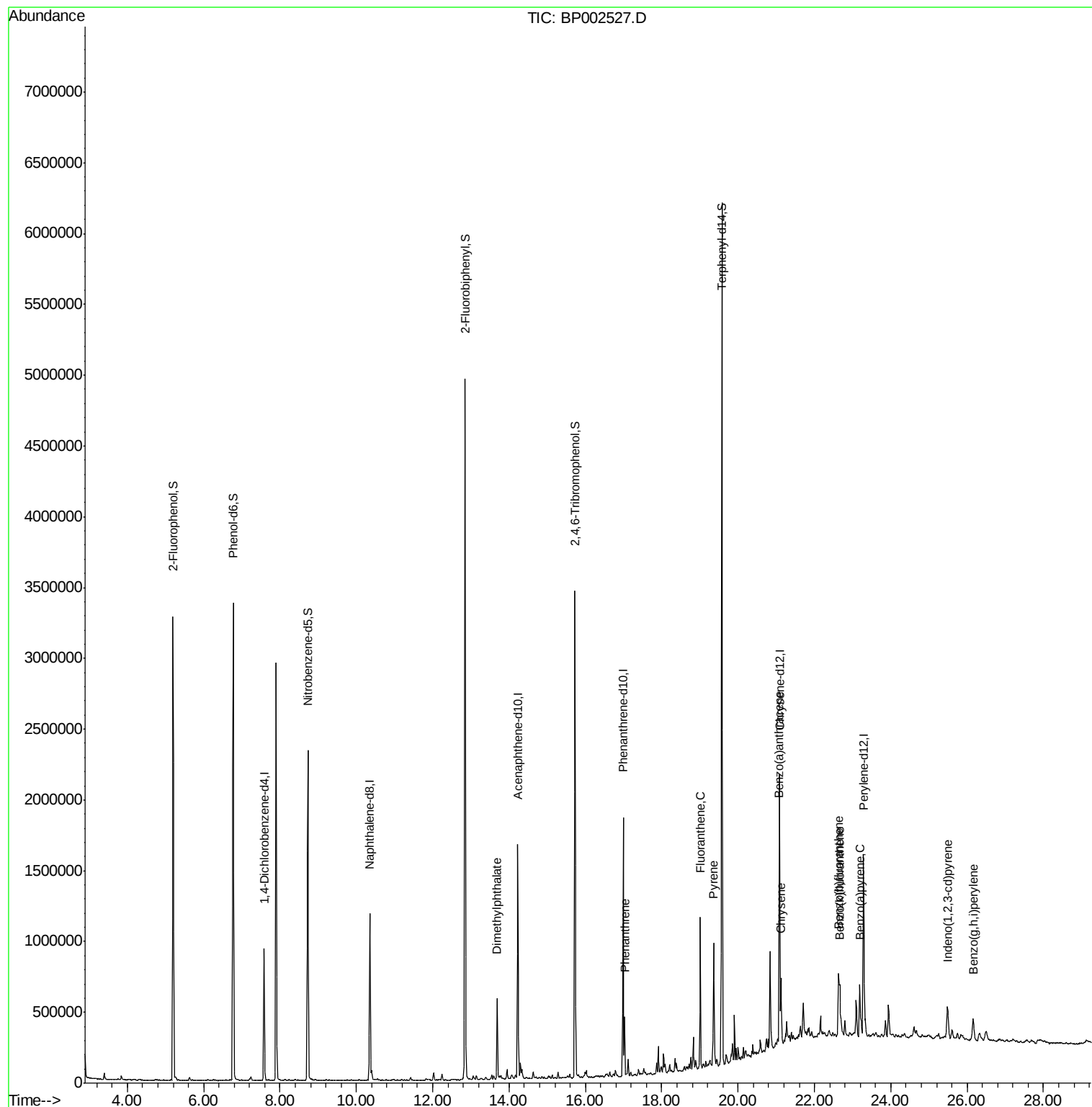
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Data File : BP002527.D
Acq On : 24 Jun 2020 17:35
Operator : CG/JU
Sample : L3089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

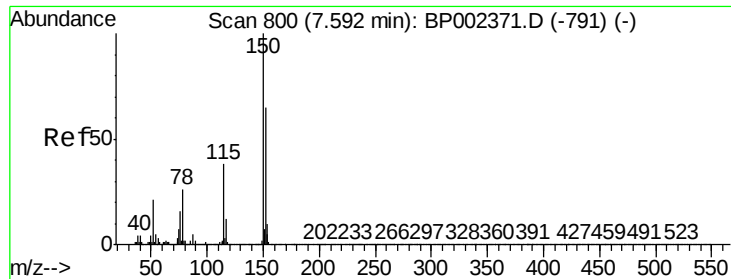
Instrument :
BNA_P
ClientSampleId :
RB47185-RT

Quant Time: Jun 24 18:28:00 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
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#1

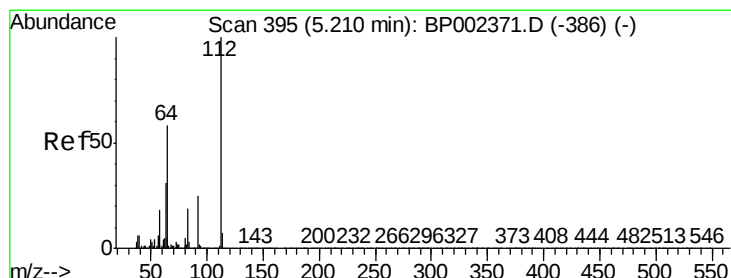
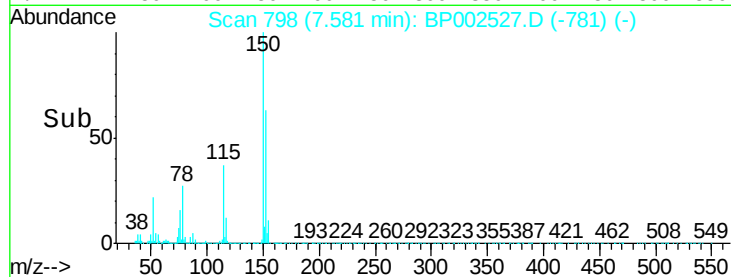
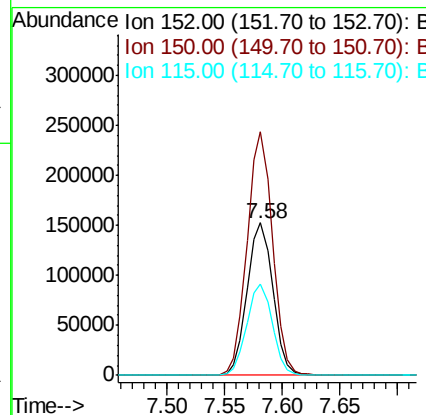
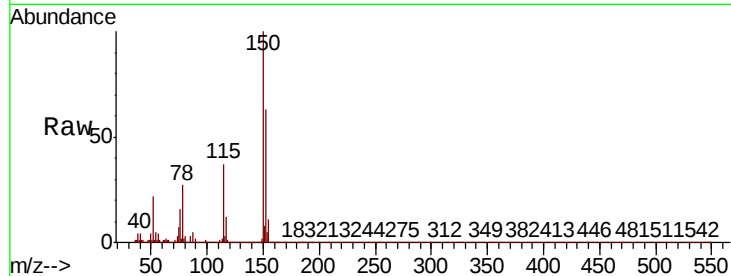
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleId :
RB47185-RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.4	186.6
115	59.8	47.8	71.6

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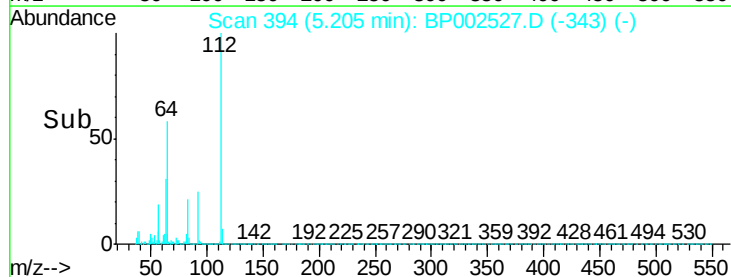
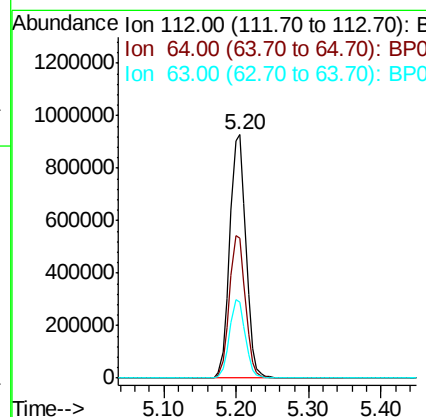
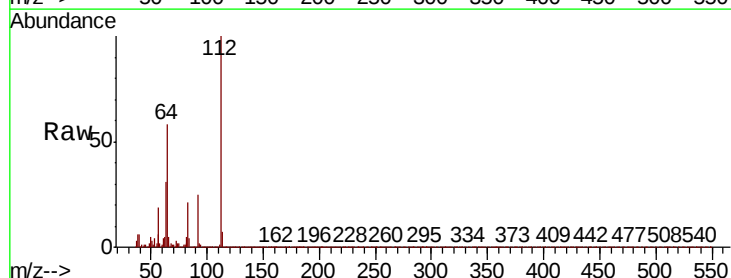
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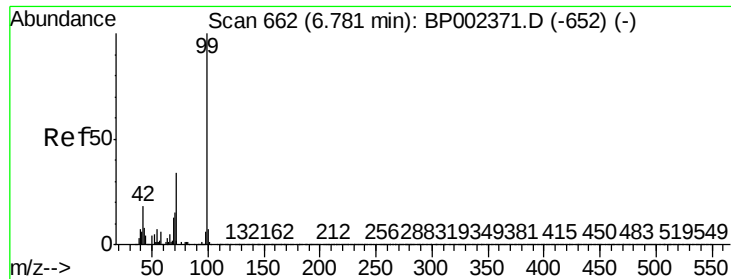


#5

2-Fluorophenol
Concen: 111.993 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.4	69.6
63	31.2	25.0	37.6





#7

Phenol-d6

Concen: 111.995 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002527.D

Acq: 24 Jun 2020 17:35

Instrument :

BNA_P

ClientSampleId :

RB47185-RT

Tot Ion: 99 Resp: 1916801

Ion Ratio Lower Upper

99 100

42 19.4 15.3 22.9

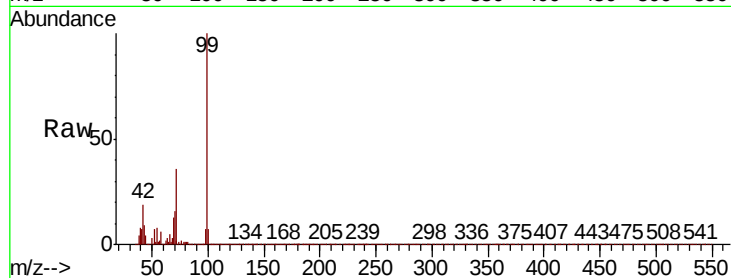
71 35.6 28.2 42.2

Manual Integrations

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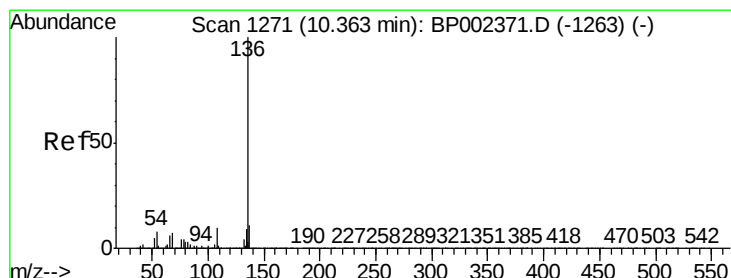
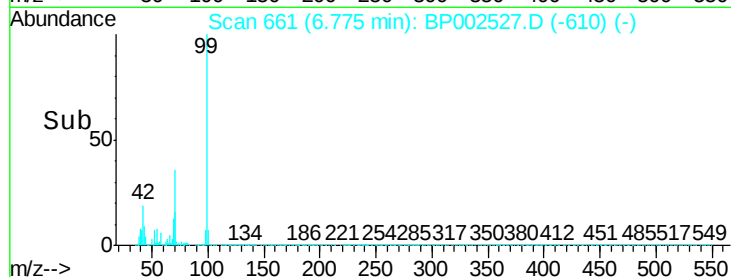
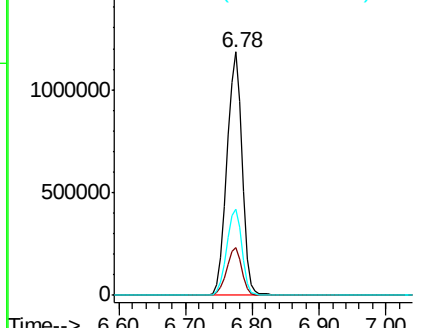
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002527.D

Acq: 24 Jun 2020 17:35

Tgt Ion: 136 Resp: 953993

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 6.6 10.0

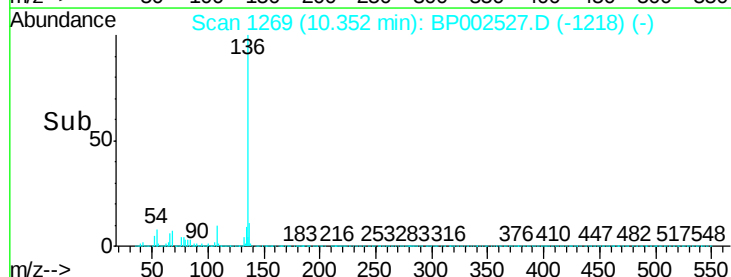
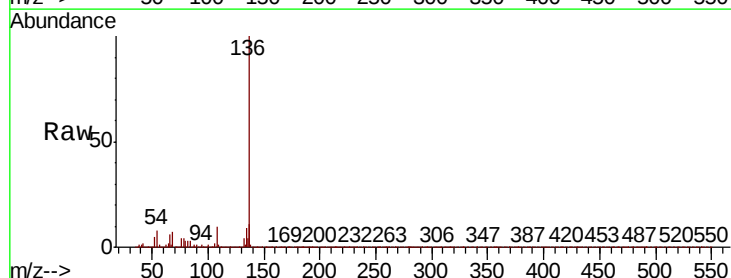
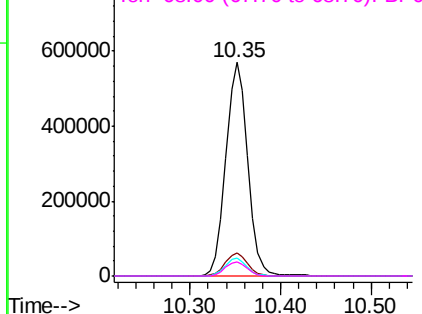
68 6.6 5.4 8.0

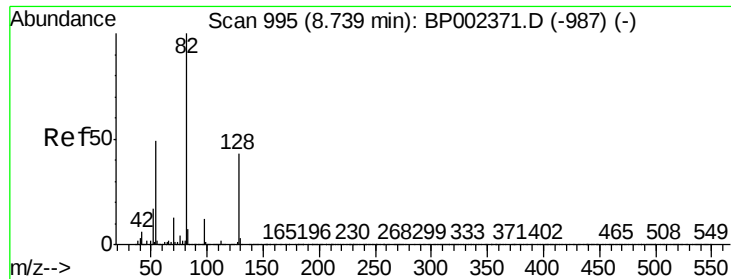
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





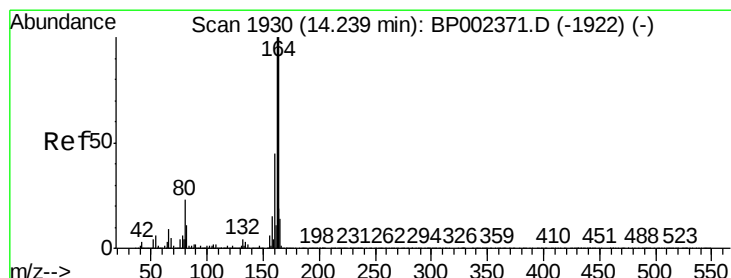
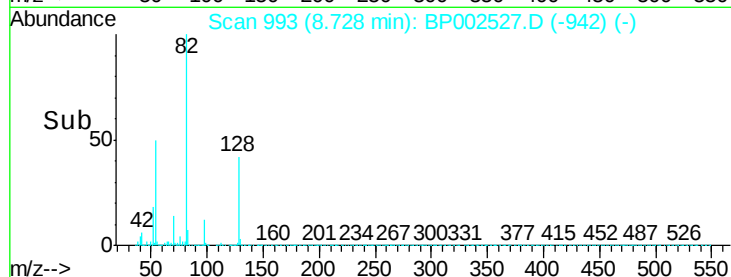
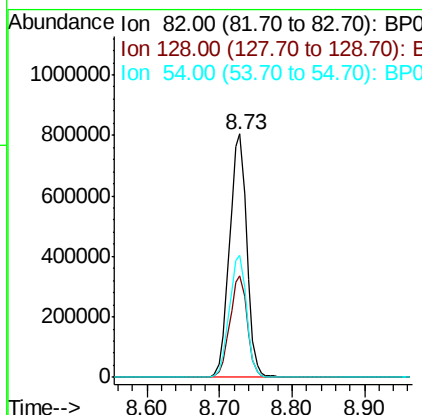
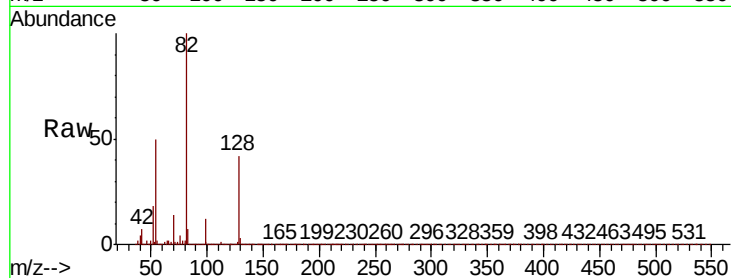
#23
Nitrobenzene-d5
Concen: 83.440 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleID :
RB47185-RT

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.8	49.2
54	49.9	39.9	59.9

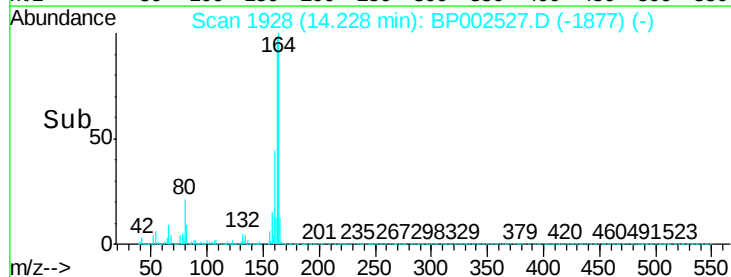
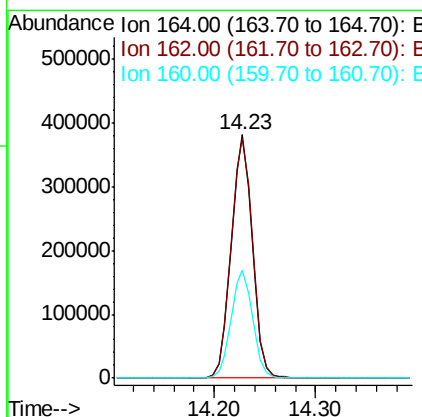
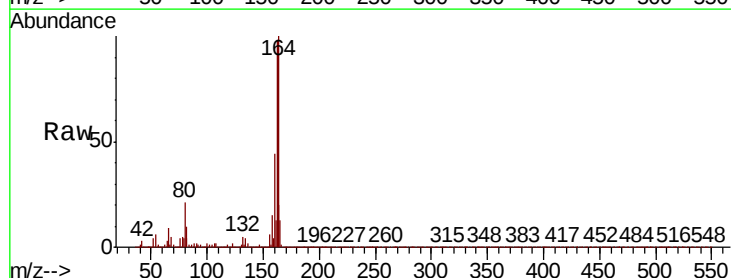
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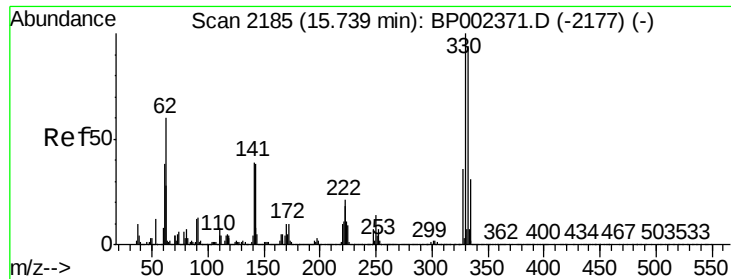
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.6	121.0
160	44.2	35.4	53.2





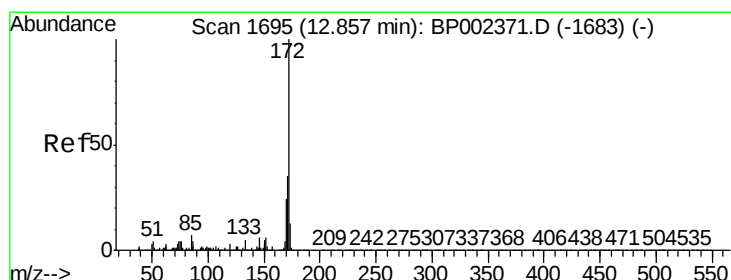
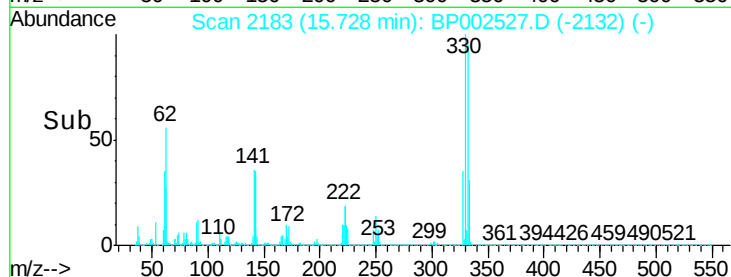
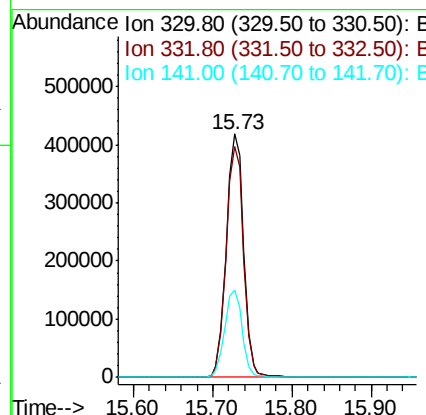
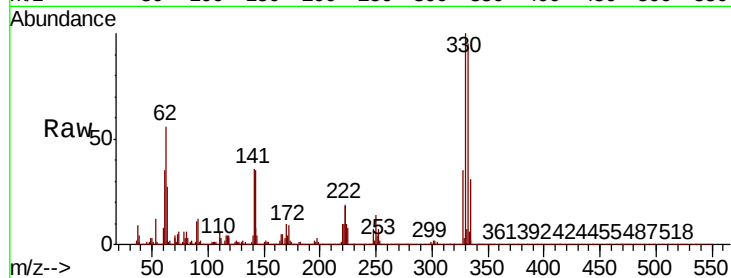
#42
2,4,6-Tribromophenol
Concen: 121.206 ng
RT: 15.73 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleId :
RB47185-RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	36.1	30.4	45.6

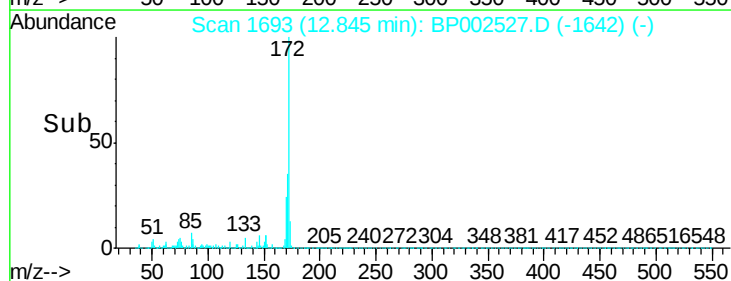
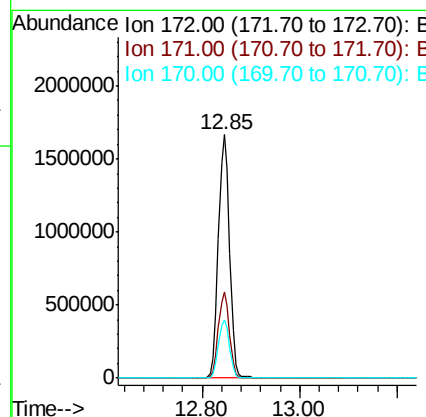
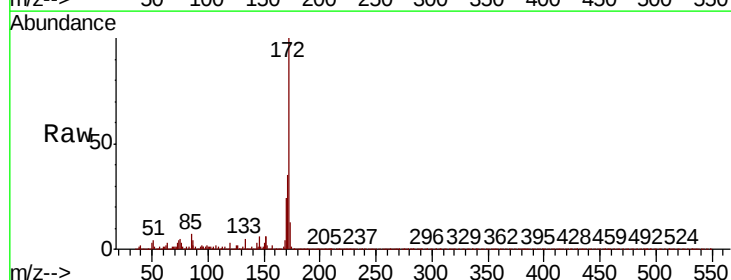
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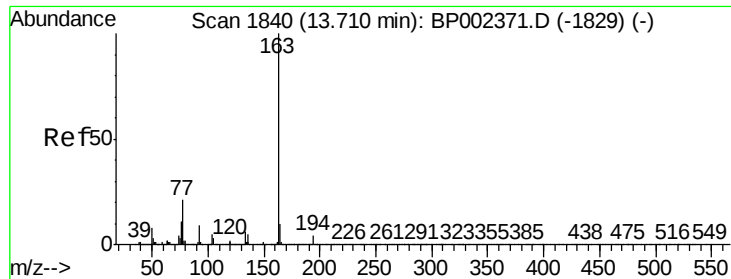
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#45
2-Fluorobiphenyl
Concen: 81.530 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.6	19.0	28.6





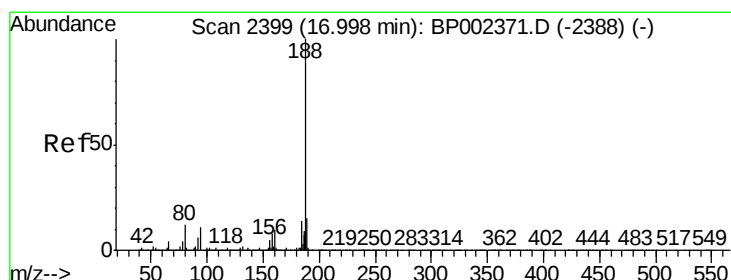
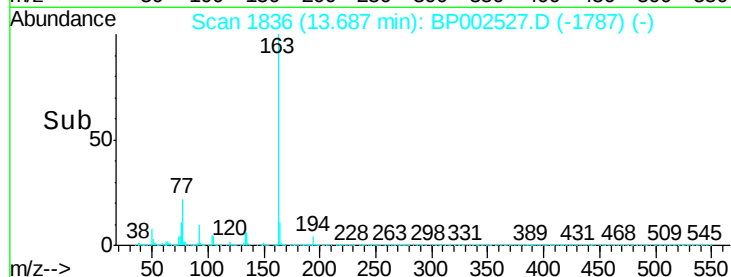
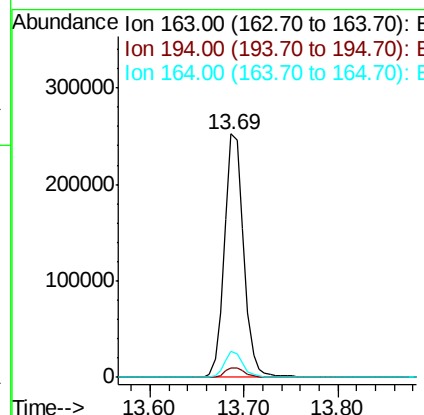
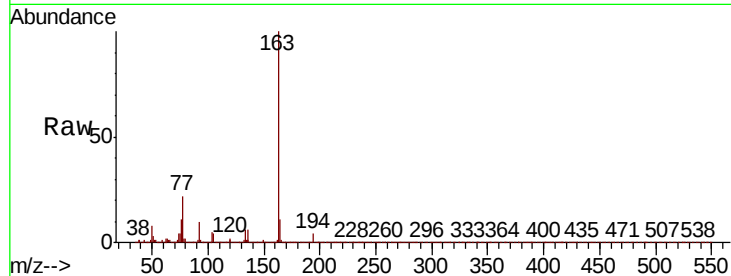
#50
Dimethylphthalate
Concen: 9.597 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleId :
RB47185-RT

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.2	12.2

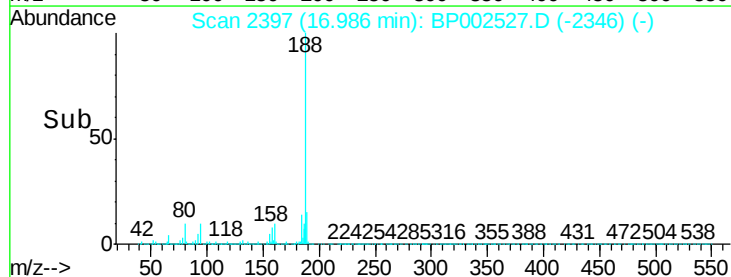
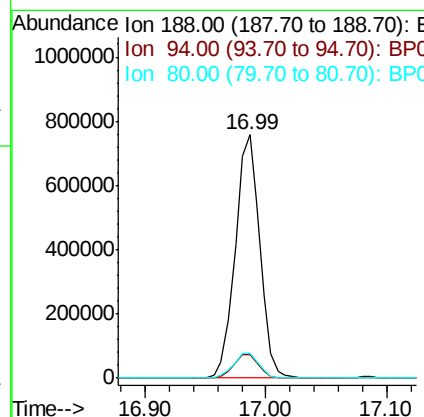
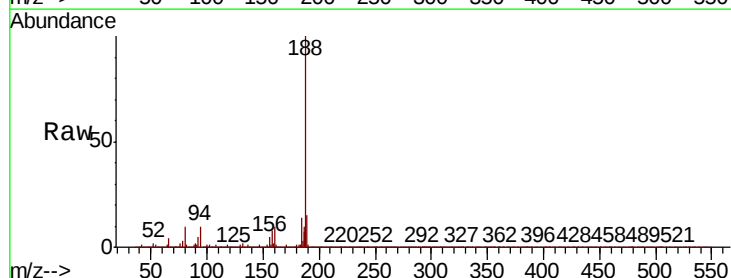
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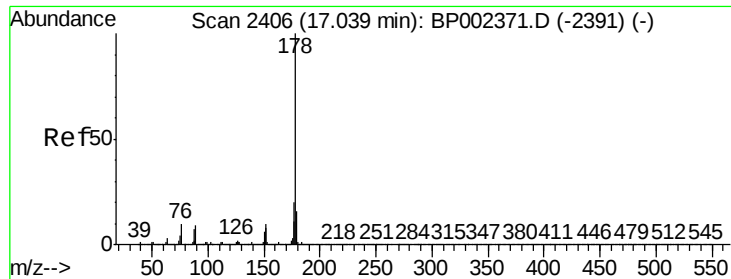
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.1	8.3	12.5





#71

Phenanthrene

Concen: 4.972 ng

RT: 17.03 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BP002527.D

Acq: 24 Jun 2020 17:35

Instrument :

BNA_P

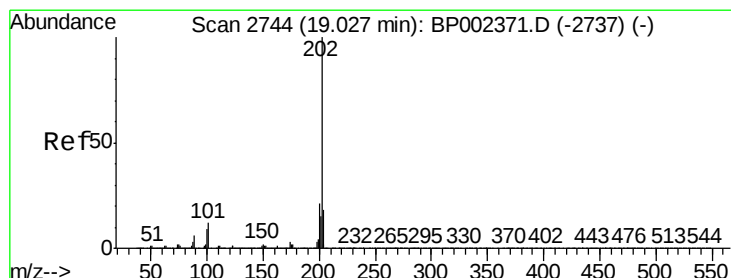
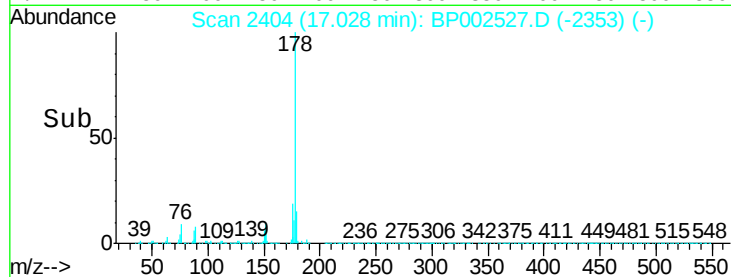
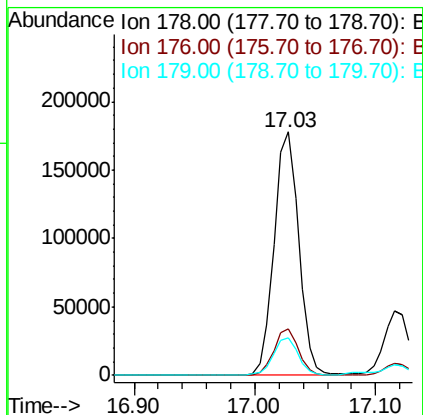
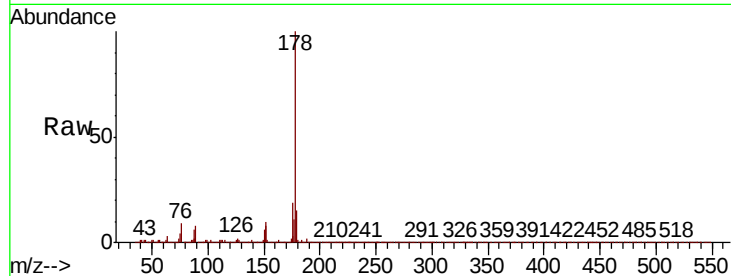
ClientSampleId :

RB47185-RT

Tot Ion:	178	Resp:	249208
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	15.3	12.8	19.2

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#75

Fluoranthene

Concen: 9.965 ng

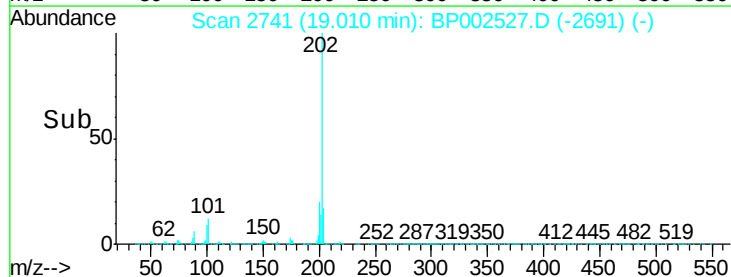
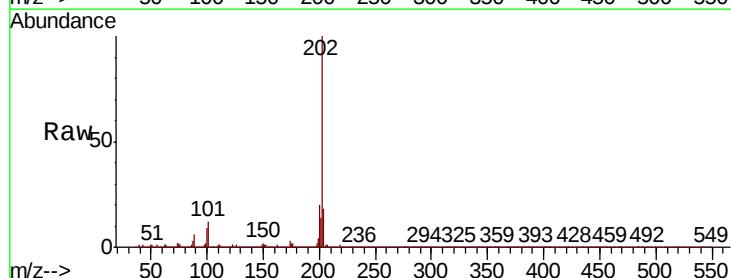
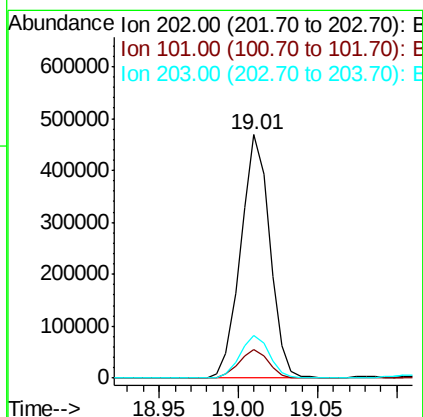
RT: 19.01 min Scan# 2741

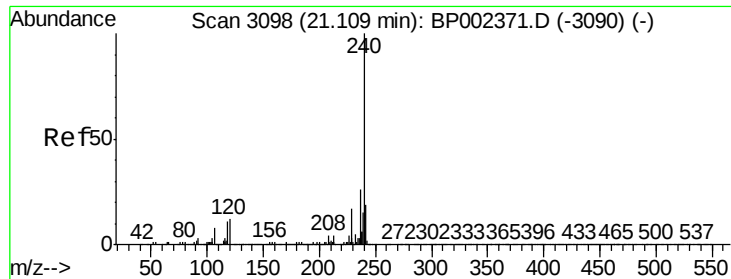
Delta R.T. -0.01 min

Lab File: BP002527.D

Acq: 24 Jun 2020 17:35

Tgt Ion:	202	Resp:	596239
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.3
203	17.5	0.0	36.9





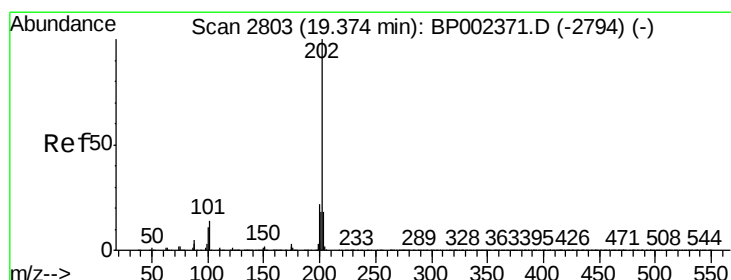
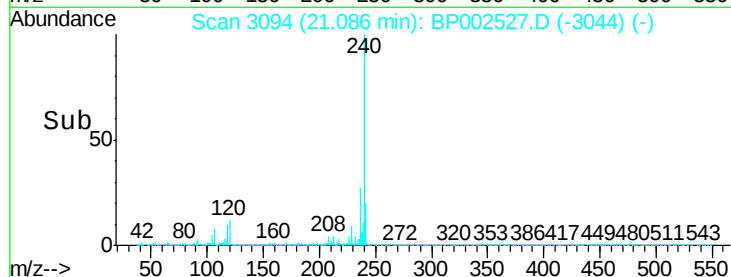
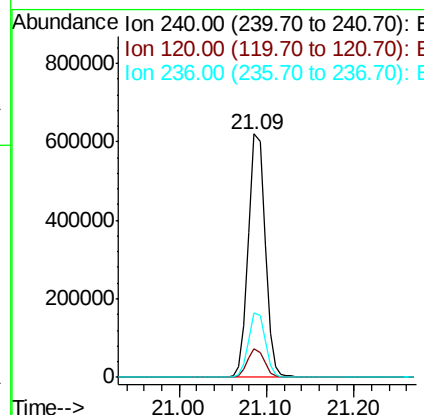
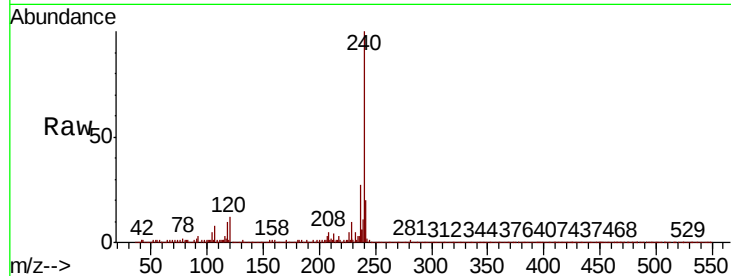
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleId :
RB47185-RT

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.7	21.7	32.5

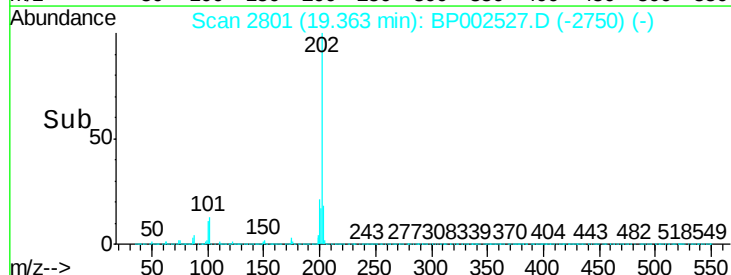
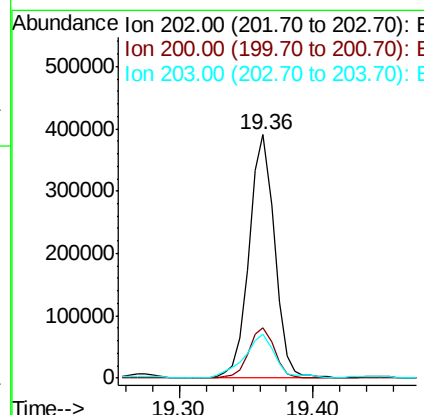
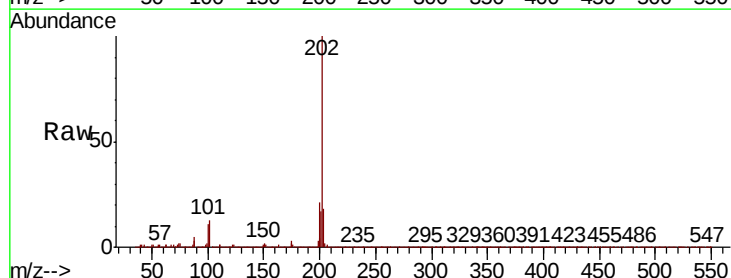
Manual Integrations
APPROVED

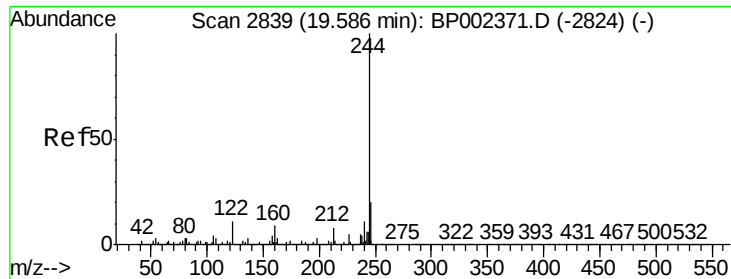
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#78
Pyrene
Concen: 10.462 ng
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.1	14.1	21.1





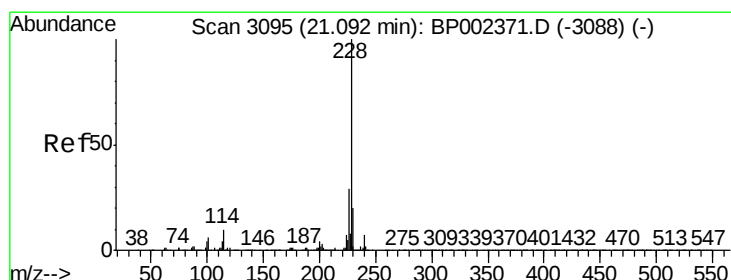
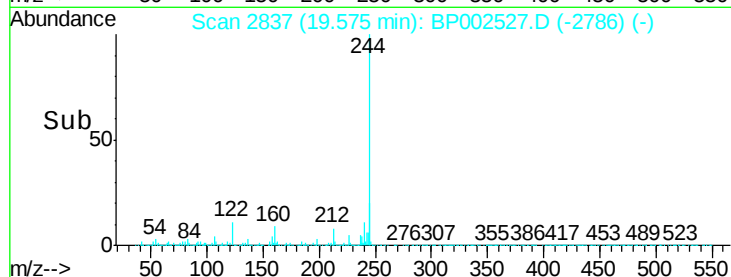
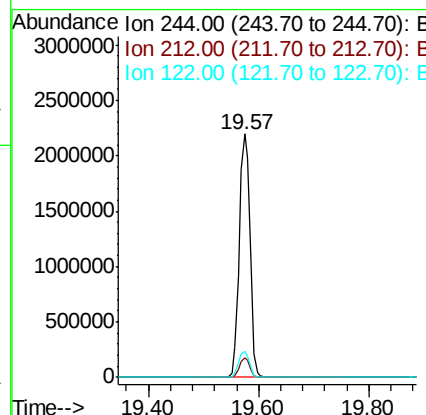
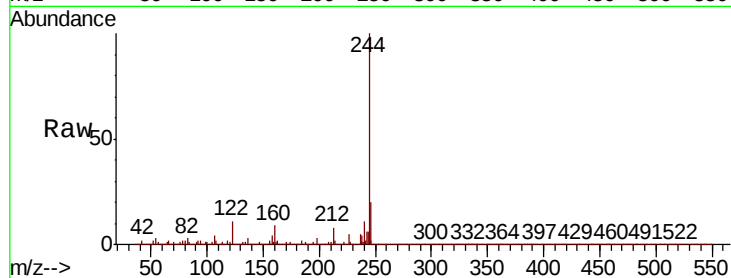
#79
 Terphenyl-d14
 Concen: 103.522 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BP002527.D
 Acq: 24 Jun 2020 17:35

Instrument :
 BNA_P
 ClientSampleId :
 RB47185-RT

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.8	8.0	12.0

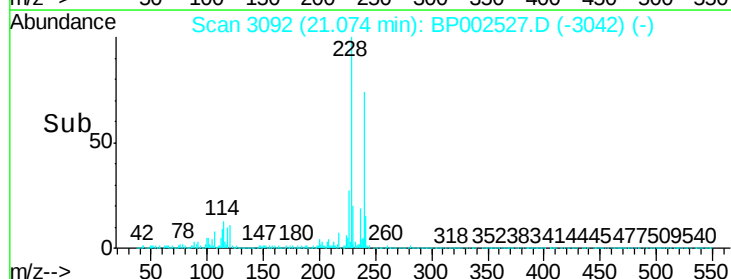
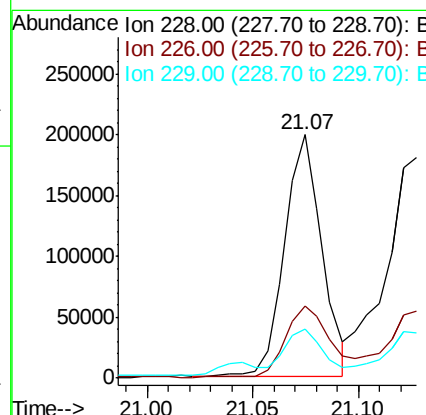
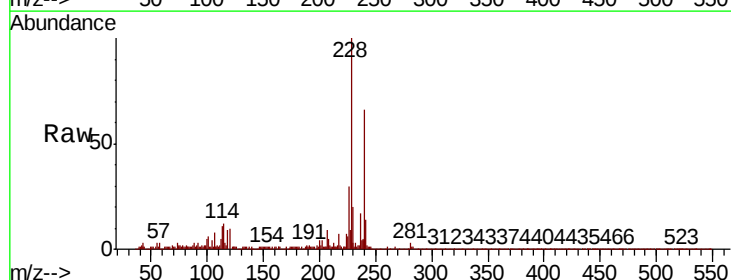
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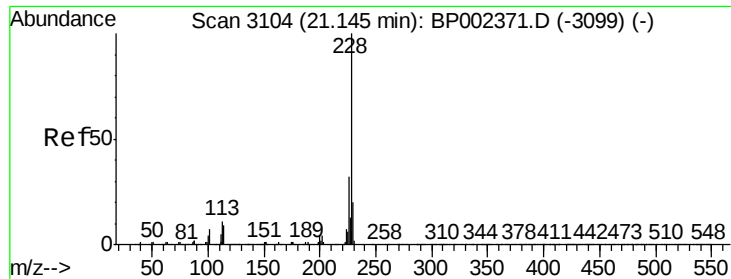
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.374 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BP002527.D
 Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.3	33.5
229	20.4	15.9	23.9





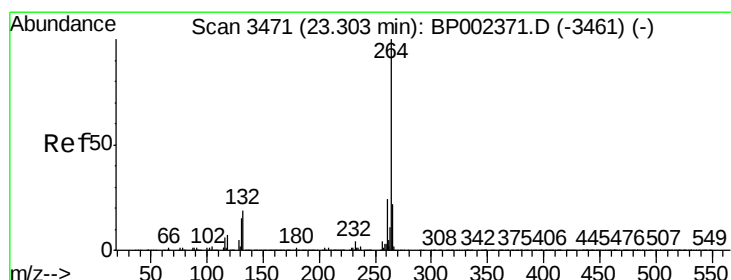
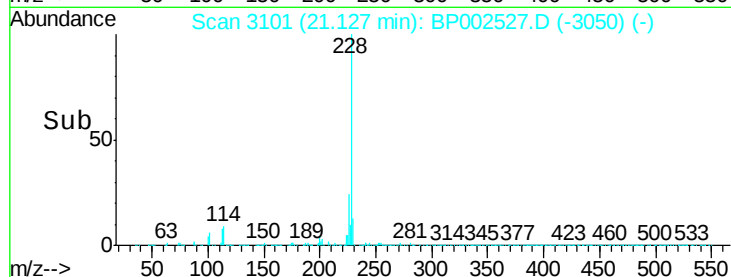
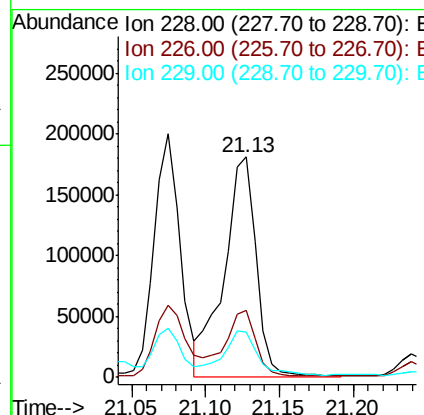
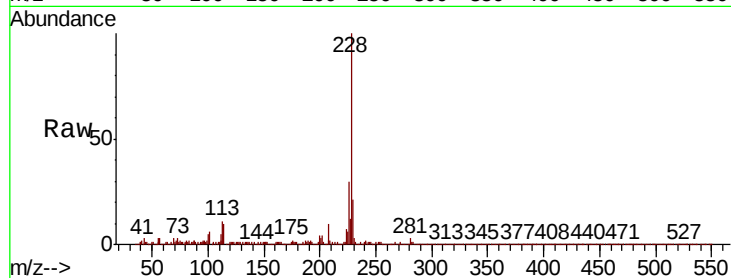
#83
Chrysene
Concen: 6.459 ng/ml
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleID :
RB47185-RT

Tot Ion:	228	Resp:	278099
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	20.8	15.7	23.5

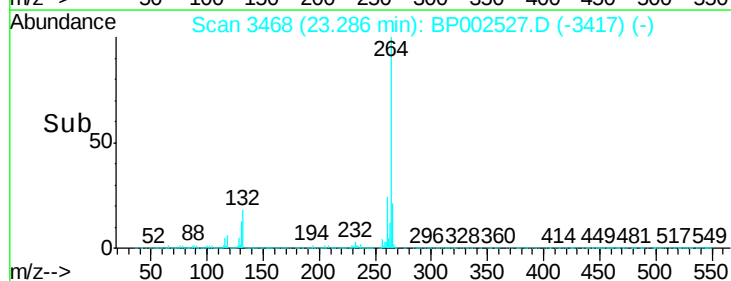
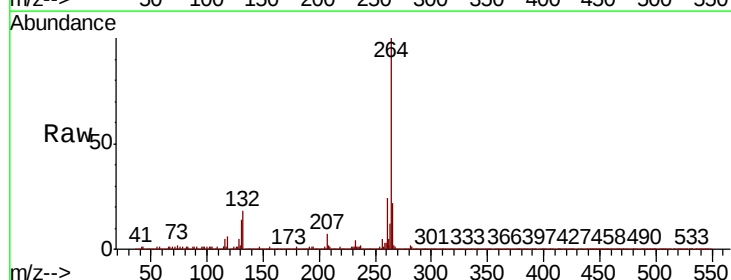
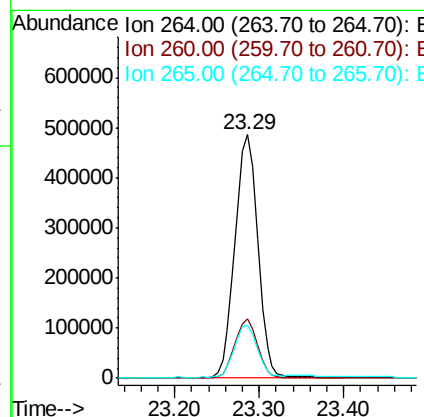
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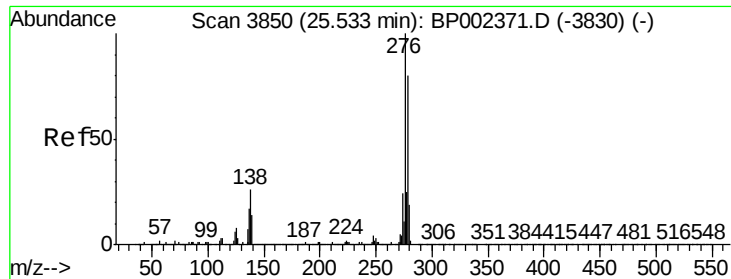
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion:	264	Resp:	904134
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.7	29.5
265	21.6	17.6	26.4





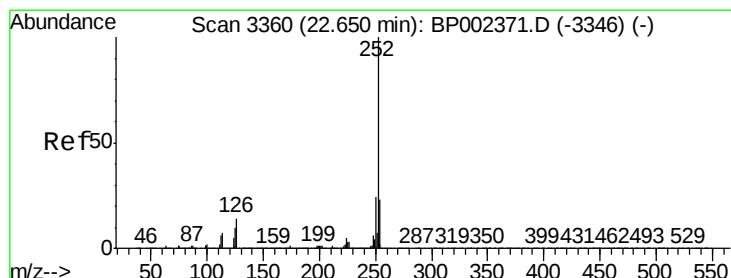
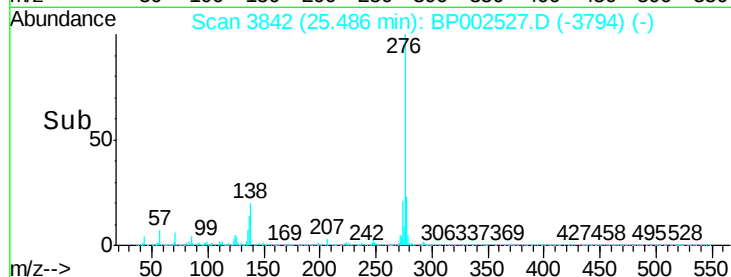
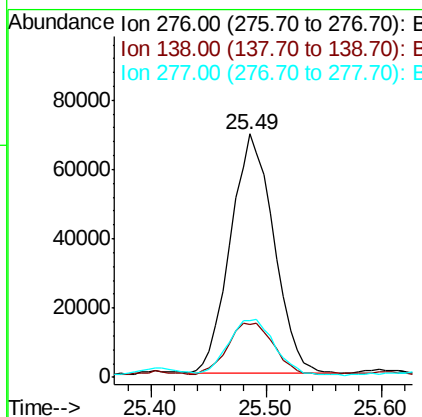
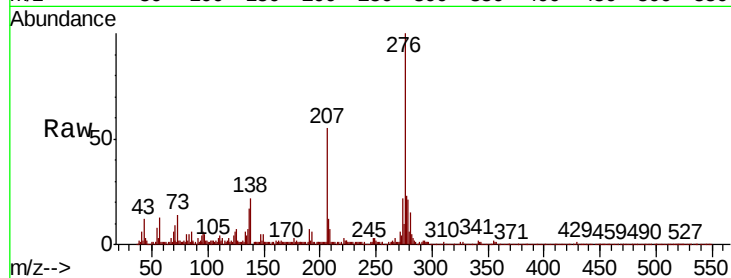
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.201 ng
 RT: 25.49 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BP002527.D
 Acq: 24 Jun 2020 17:35

Instrument :
 BNA_P
 ClientSampleId :
 RB47185-RT

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.0
277	24.9	20.4	30.6

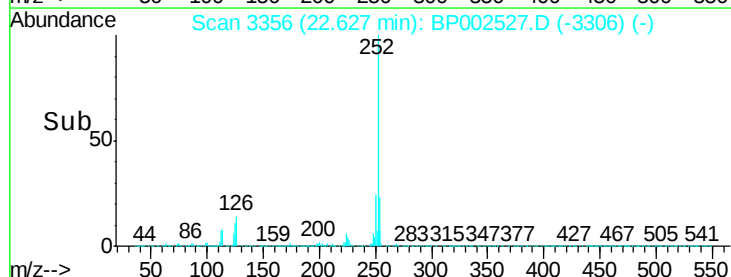
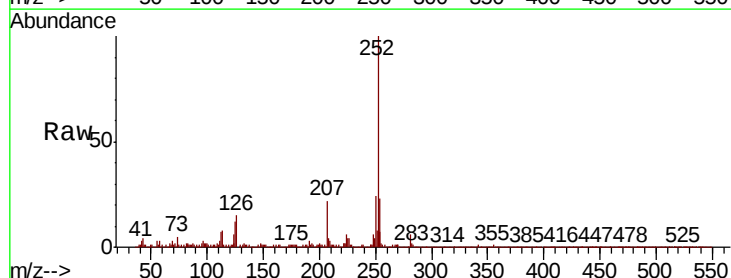
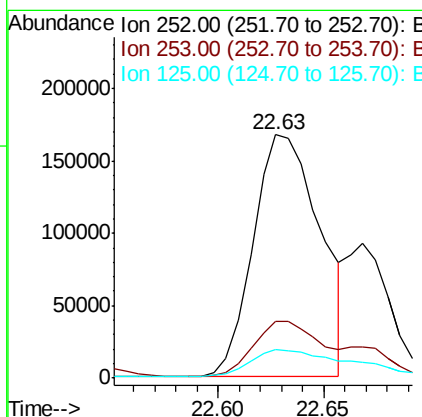
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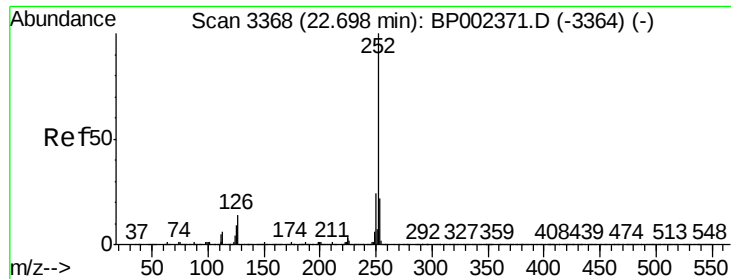
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 7.570 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BP002527.D
 Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.7	7.5	11.3#





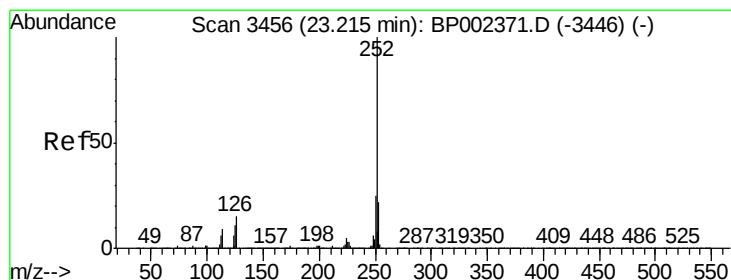
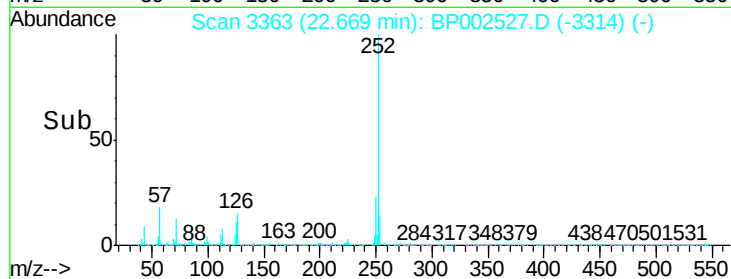
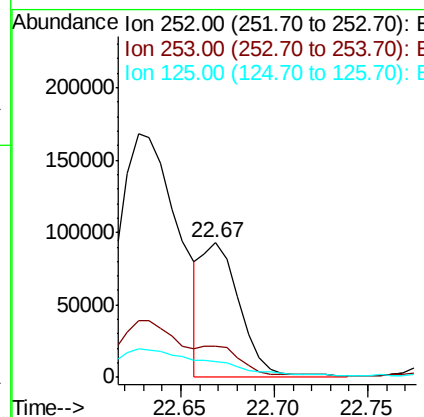
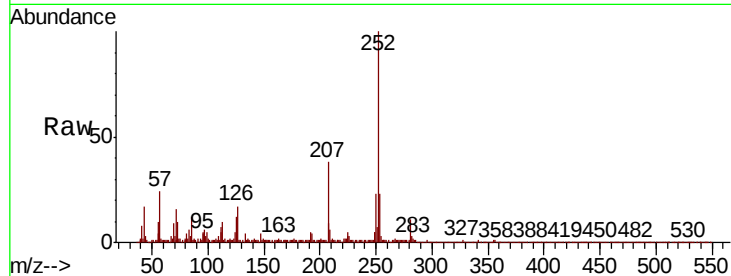
#89
Benzo(k)fluoranthene
Concen: 2.886 ng m
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Instrument :
BNA_P
ClientSampleId :
RB47185-RT

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	12.2	7.0	10.4

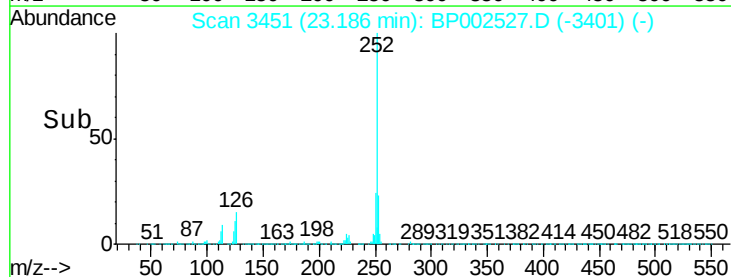
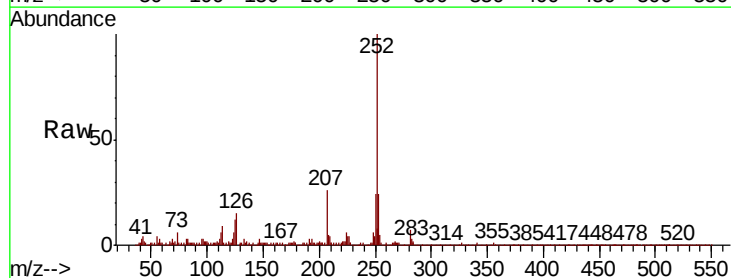
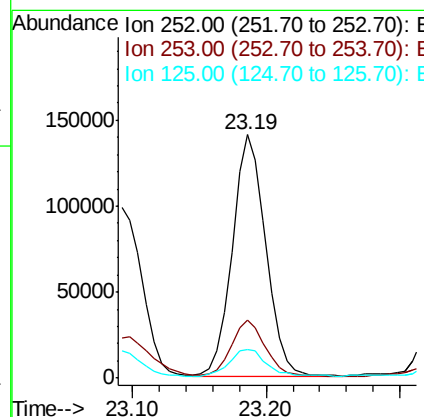
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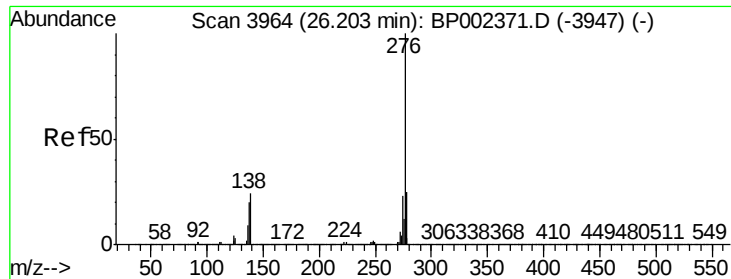
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#90
Benzo(a)pyrene
Concen: 5.362 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002527.D
Acq: 24 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	11.5	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 3.655 ng
 RT: 26.16 min Scan# 3957
 Delta R.T. -0.01 min
 Lab File: BP002527.D
 Acq: 24 Jun 2020 17:35

Instrument :
 BNA_P
 ClientSampleId :
 RB47185-RT

Tot Ion:	276	Resp:	171741
Ion Ratio	Lower	Upper	
276	100		
277	22.1	18.7	28.1
138	24.1	17.6	26.4

Manual Integrations
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