

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
 Data File : BP002911.D
 Acq On : 05 Aug 2020 14:05
 Operator : CG/JU
 Sample : L3541-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TL-11

Manual Integrations
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Quant Time: Aug 05 14:40:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	526660	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2099507	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1304423	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	2534138	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1645344	20.00	ng	0.01
86) Perylene-d12	23.48	264	1858016	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2787025	80.99	ng	0.00
7) Phenol-d6	6.90	99	3529634	73.88	ng	0.00
23) Nitrobenzene-d5	8.86	82	1920955	49.56	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1414263	87.23	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5060362	53.00	ng	0.00
79) Terphenyl-d14	19.69	244	4793092	58.32	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.82	163	593905	5.821	ng	100
52) Acenaphthene	14.42	154	201966	2.373	ng	98
71) Phenanthrene	17.16	178	3375169	22.713	ng	99
72) Anthracene	17.25	178	934483	6.434	ng	98
73) Carbazole	17.51	167	470531	3.317	ng	98
75) Fluoranthene	19.13	202	6352199	37.102	ng	98
78) Pyrene	19.48	202	5427810	47.190	ng	99
81) Benzo(a)anthracene	21.19	228	3134295	27.966	ng	99
83) Chrysene	21.25	228	2873870	27.184	ng	97
87) Indeno(1,2,3-cd)pyrene	25.80	276	1997801	13.426	ng	# 94
88) Benzo(b)fluoranthene	22.80	252	4013399	30.609	ng	# 96
89) Benzo(k)fluoranthene	22.84	252	1434471m	11.575	ng	
90) Benzo(a)pyrene	23.39	252	2787071	23.525	ng	# 95
91) Dibenzo(a,h)anthracene	25.81	278	580183	4.581	ng	# 76
92) Benzo(a,h,i)perylene	26.51	276	2060998	16.829	ng	98

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

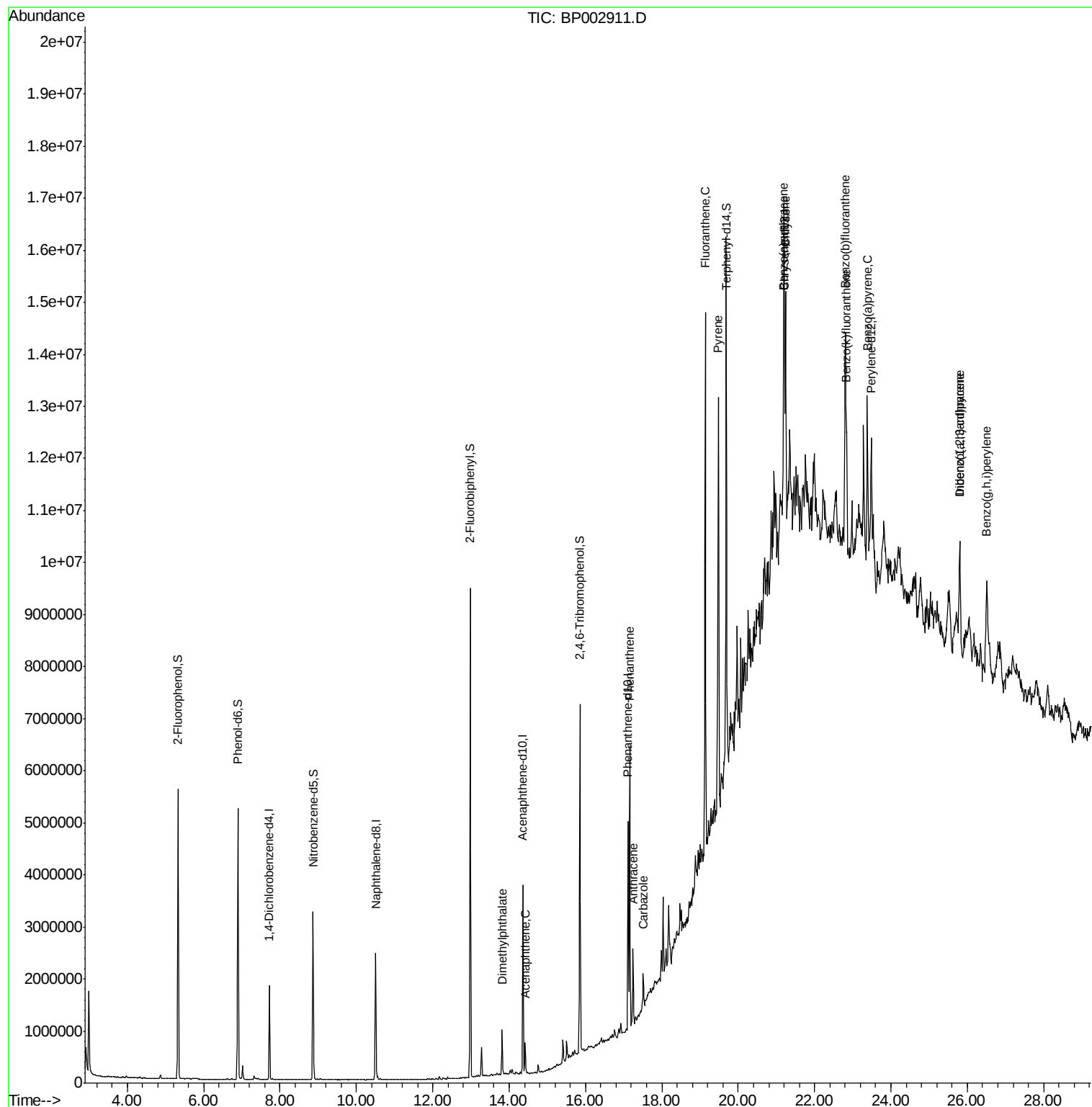
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
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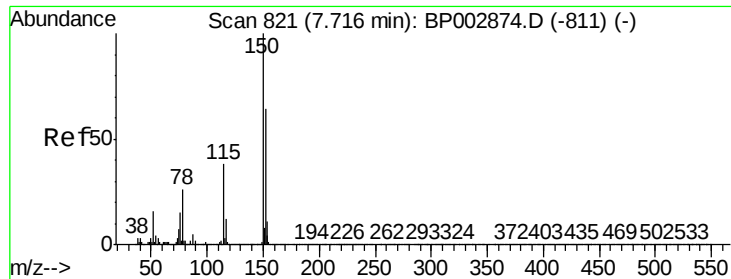
Instrument :
BNA_P
ClientSampled :
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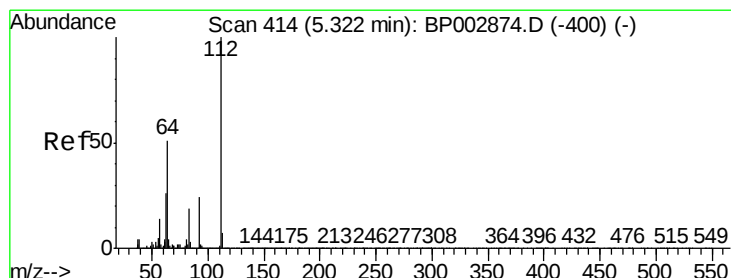
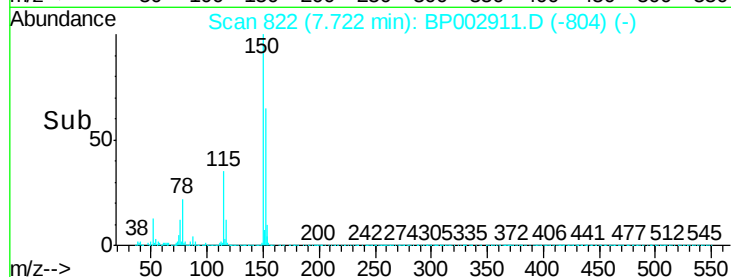
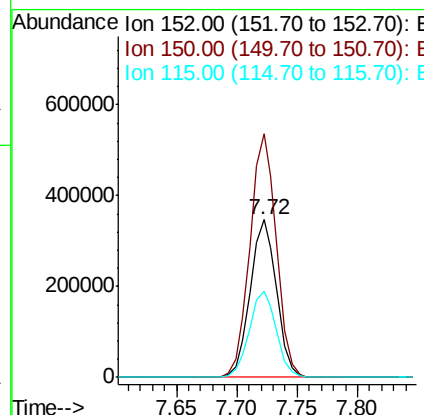
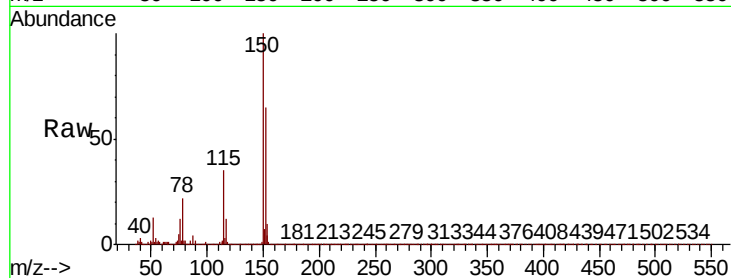
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BP002911.D
 Acq: 05 Aug 2020 14:05

Instrument :
 BNA_P
 ClientSampleId :
 TL-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.8	187.2
115	54.9	47.4	71.2

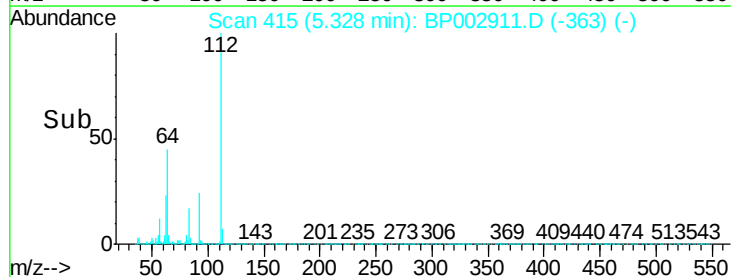
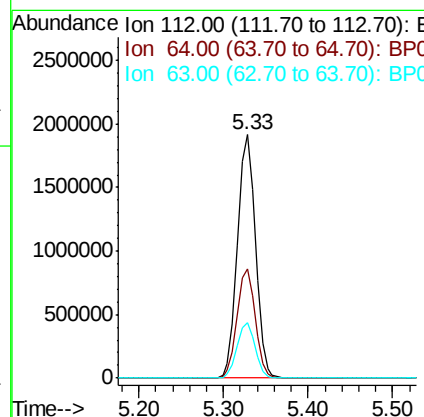
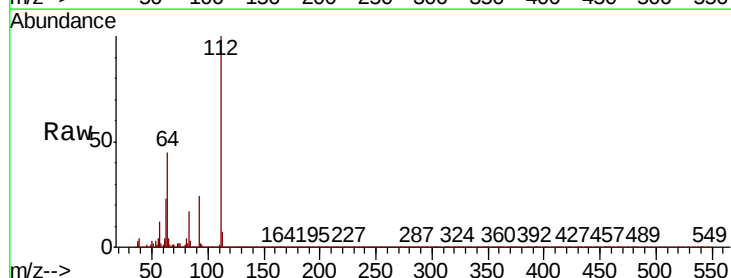
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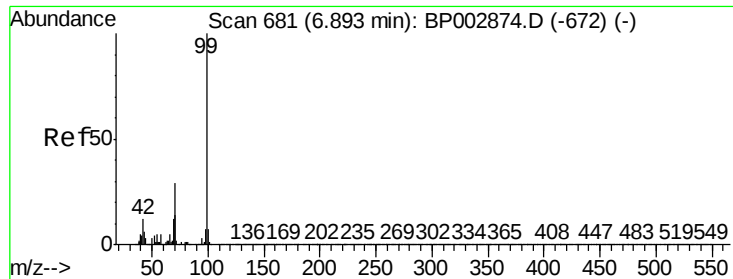
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#5
 2-Fluorophenol
 Concen: 80.992 ng
 RT: 5.33 min Scan# 415
 Delta R.T. 0.01 min
 Lab File: BP002911.D
 Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	41.0	61.6
63	22.7	20.7	31.1





#7

Phenol-d6

Concen: 73.880 ng

RT: 6.90 min Scan# 682

Delta R.T. 0.01 min

Lab File: BP002911.D

Acq: 05 Aug 2020 14:05

Instrument :

BNA_P

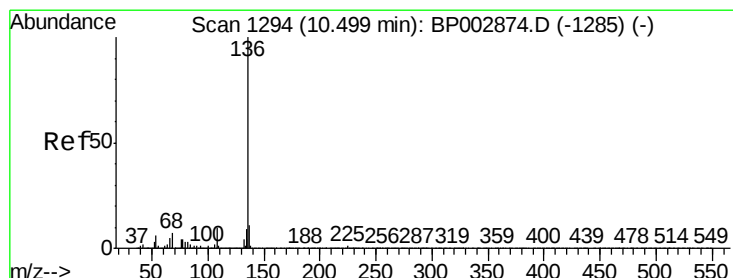
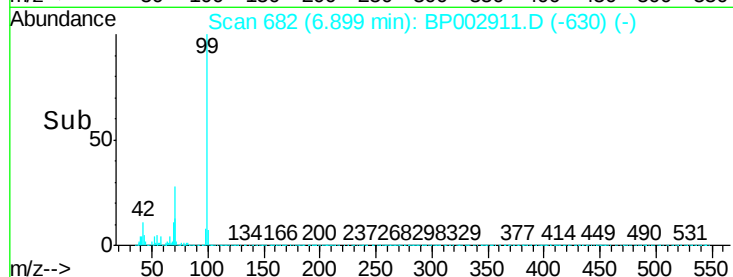
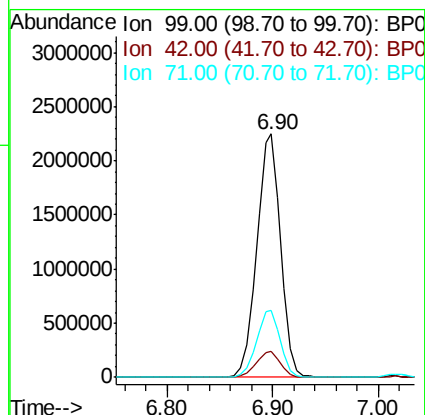
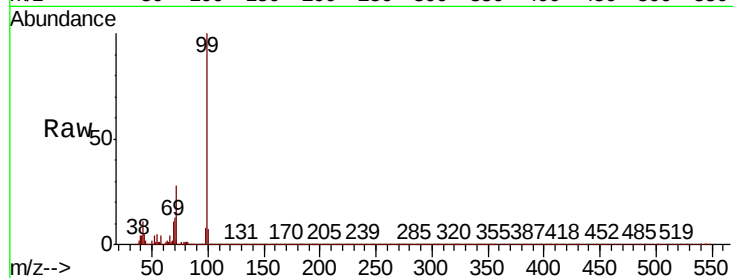
ClientSampleId :

TL-11

Tot Ion:	99	Resp:	3529634
Ion	Ratio	Lower	Upper
99	100		
42	10.6	9.3	13.9
71	27.6	23.5	35.3

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#21

Naphthalene-d8

Concen: 20.000 ng

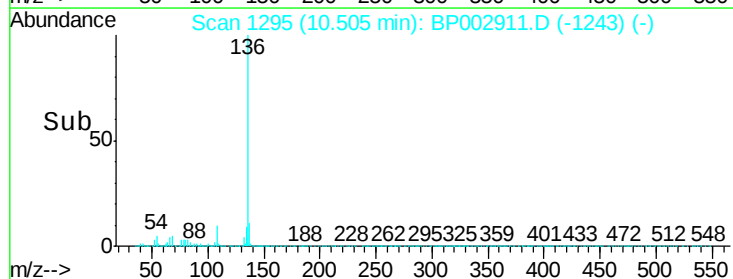
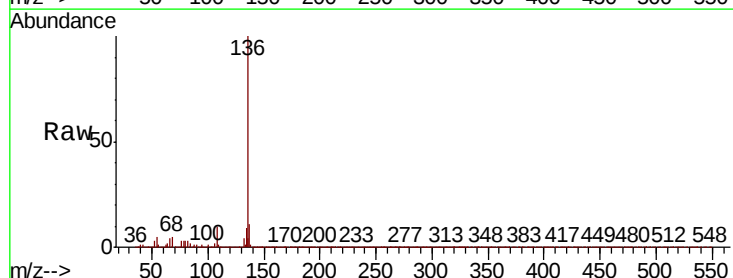
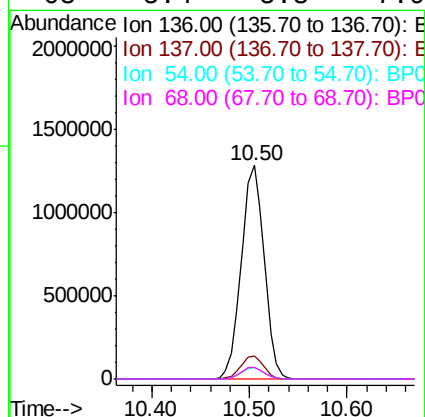
RT: 10.50 min Scan# 1295

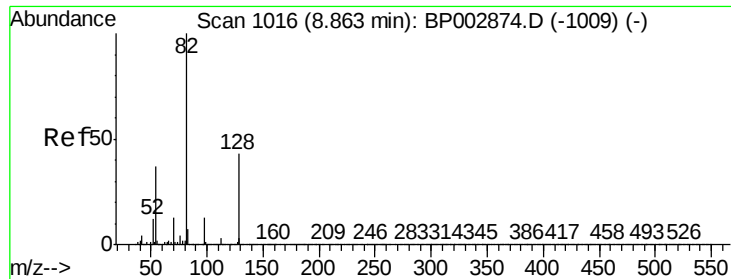
Delta R.T. 0.01 min

Lab File: BP002911.D

Acq: 05 Aug 2020 14:05

Tgt Ion:	136	Resp:	2099507
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.2	5.1	7.7
68	5.4	5.3	7.9





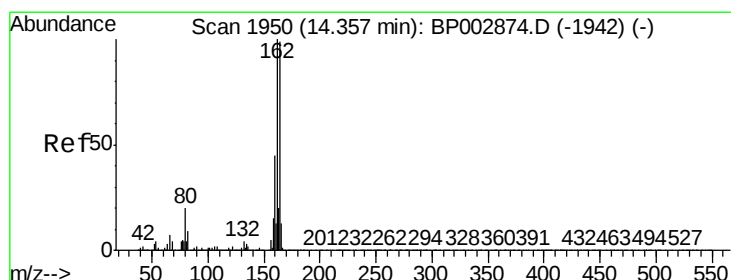
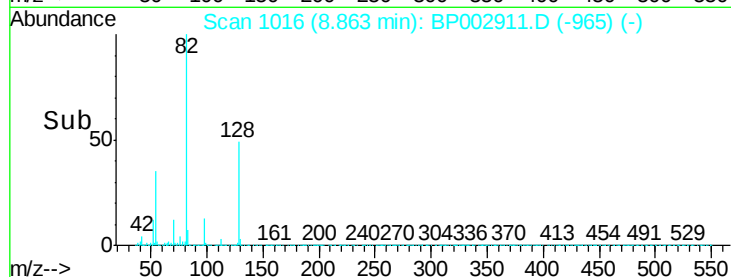
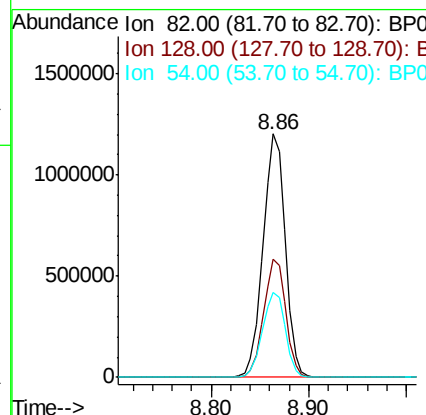
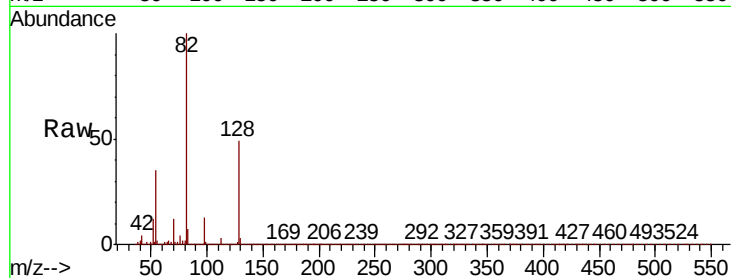
#23
Nitrobenzene-d5
Concen: 49.556 ng
RT: 8.86 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampled :
TL-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.6	52.0
54	34.9	29.5	44.3

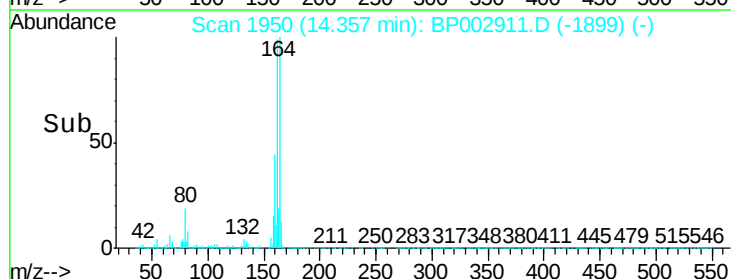
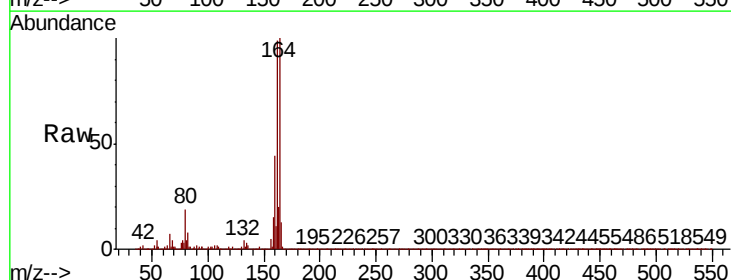
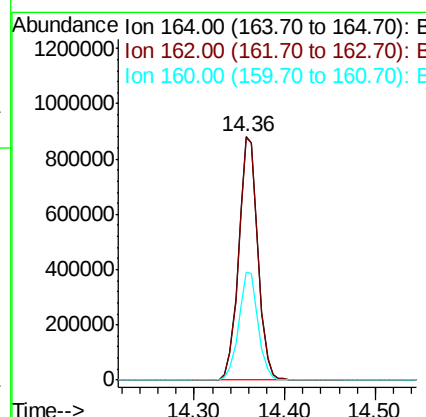
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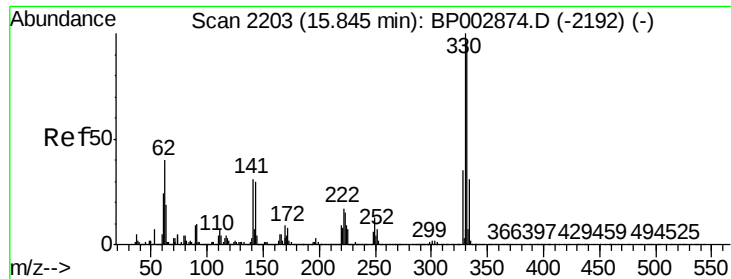
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.0	121.6
160	44.4	36.2	54.4





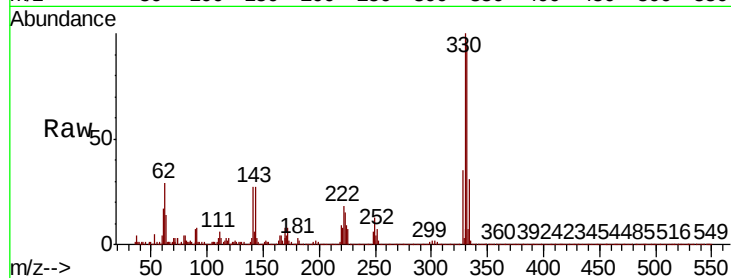
#42
2,4,6-Tribromophenol
Concen: 87.233 ng
RT: 15.85 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampled :
TL-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	27.1	24.6	37.0

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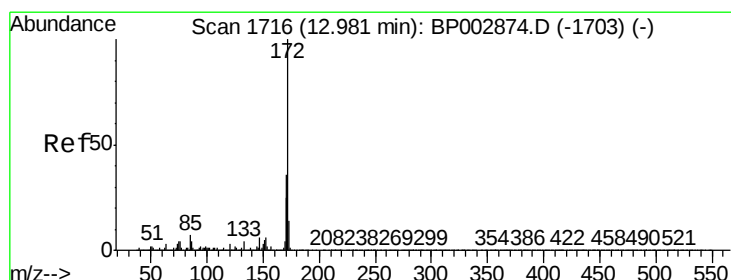
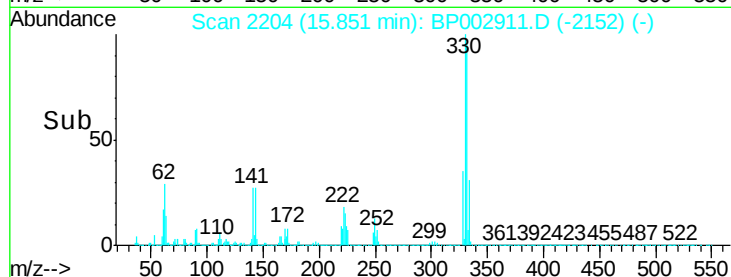
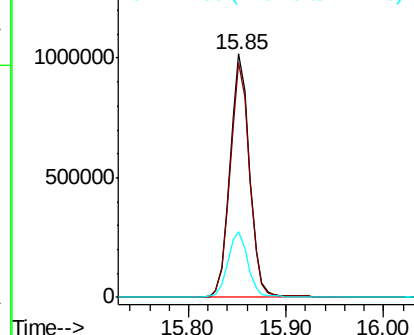


Abundance

Ion 329.80 (329.50 to 330.50): E

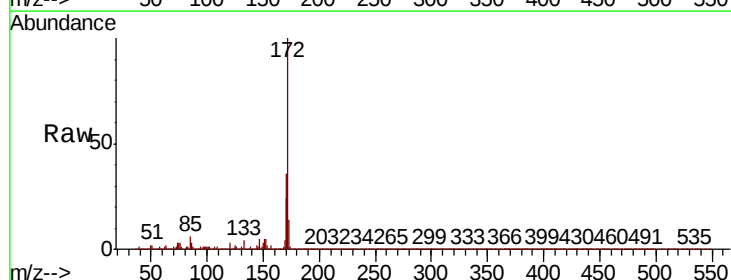
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 53.004 ng
RT: 12.98 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	23.9	19.6	29.4

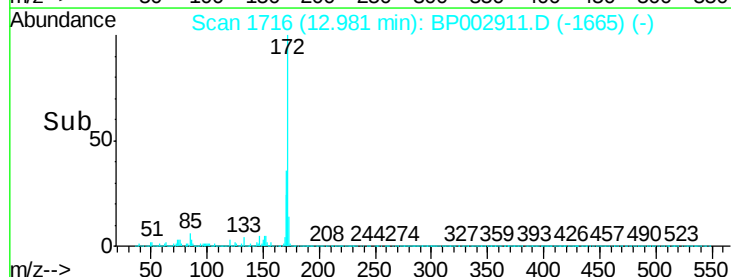
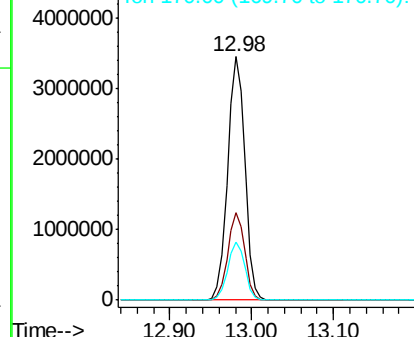


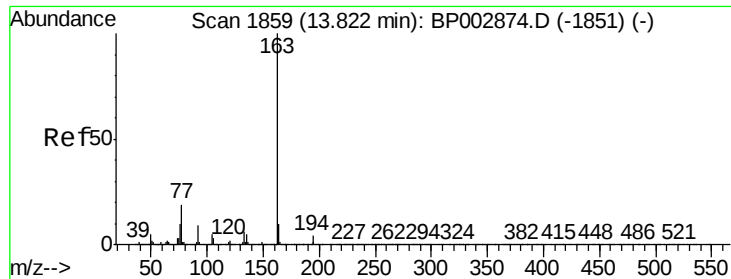
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





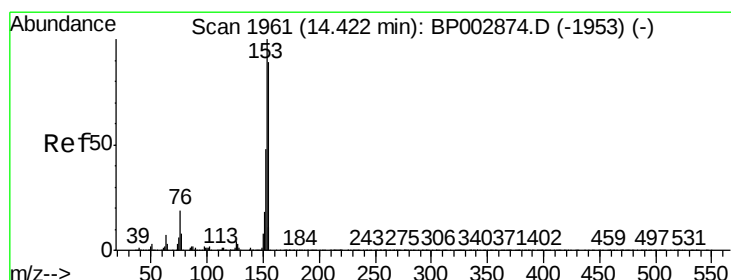
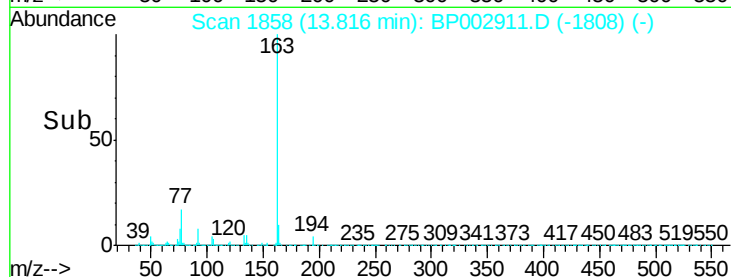
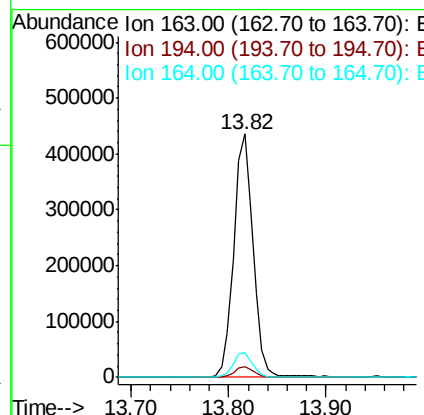
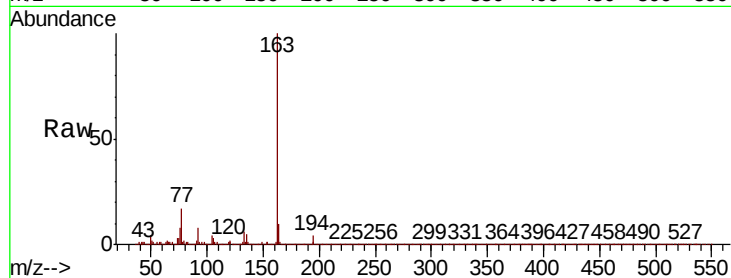
#50
Dimethylphthalate
Concen: 5.821 ng
RT: 13.82 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampled :
TL-11

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.2	8.2	12.2

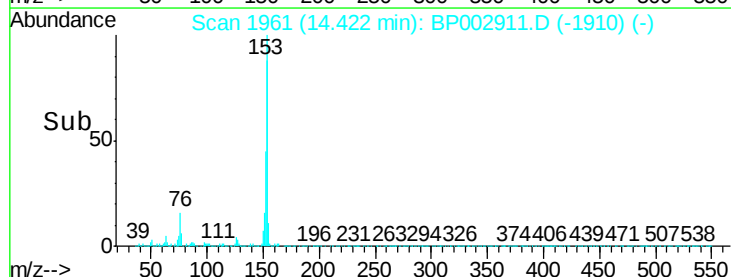
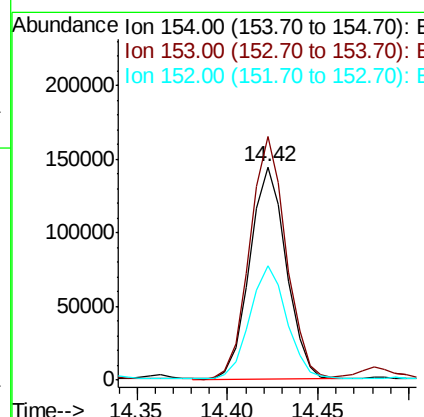
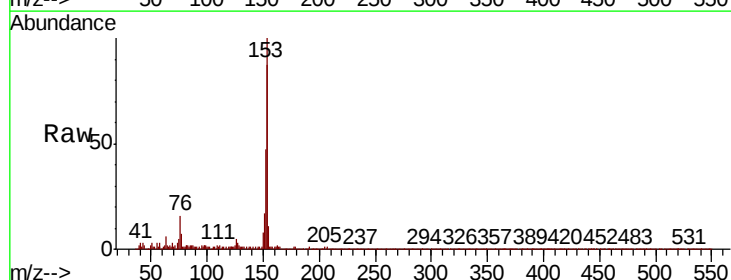
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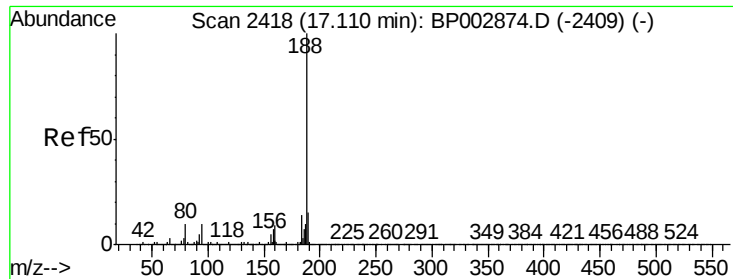
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#52
Acenaphthene
Concen: 2.373 ng
RT: 14.42 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.3	89.7	134.5
152	53.7	43.3	64.9





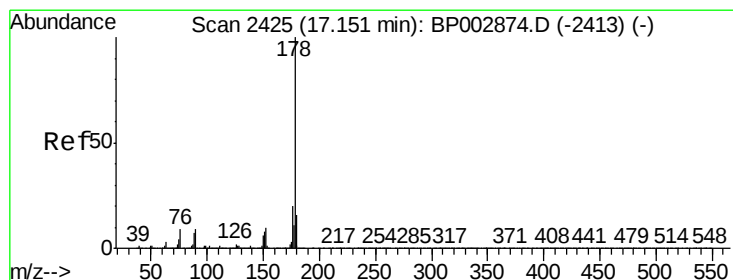
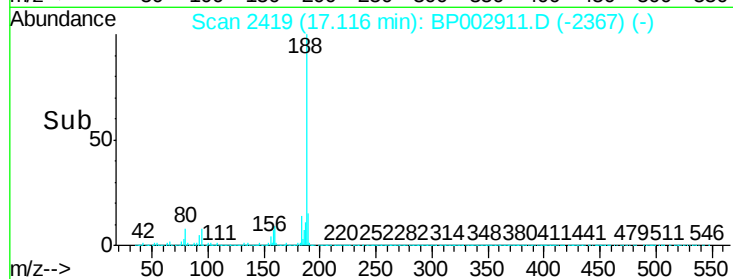
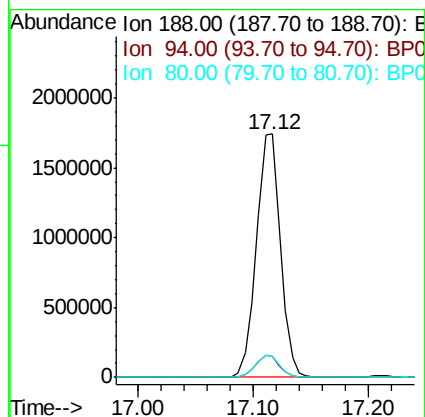
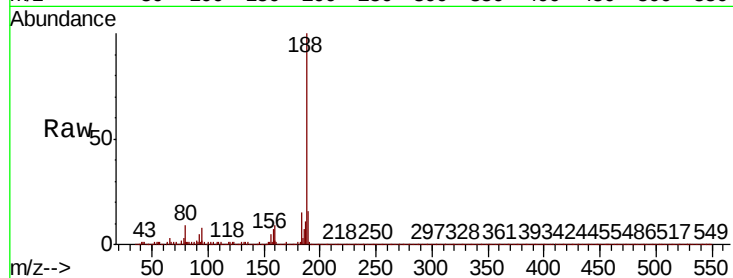
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Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampleId :
TL-11

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.6
80	8.5	8.0	12.0

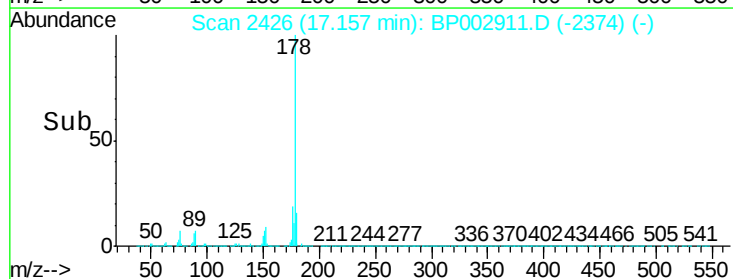
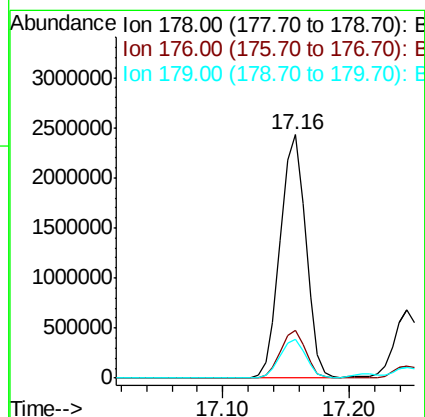
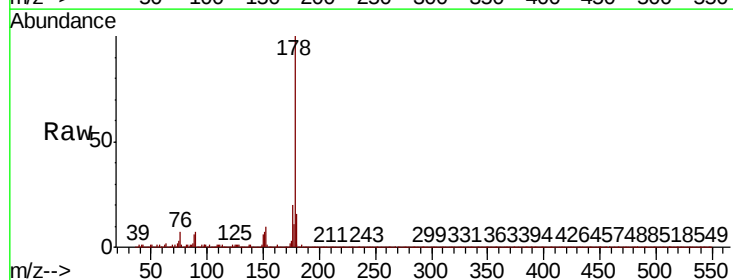
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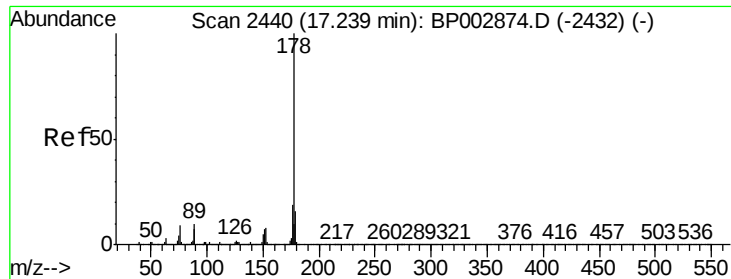
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#71
Phenanthrene
Concen: 22.713 ng
RT: 17.16 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	15.9	13.0	19.4





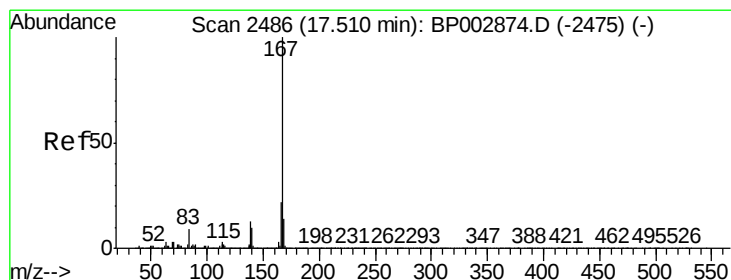
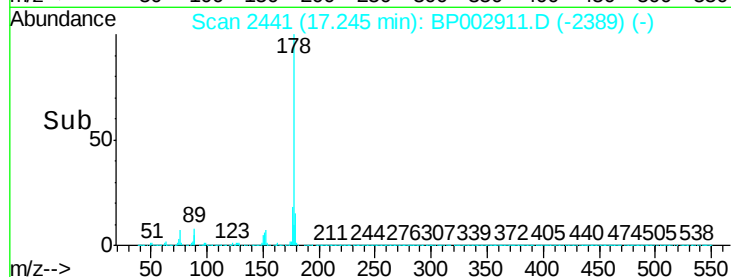
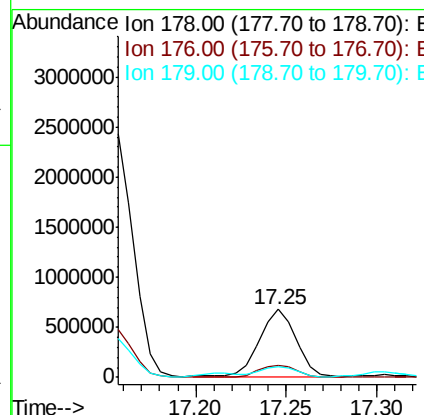
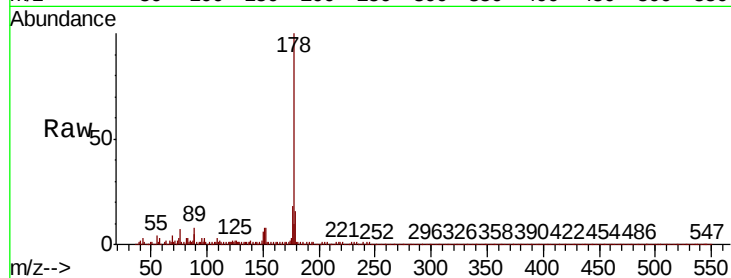
#72
 Anthracene
 Concen: 6.434 ng
 RT: 17.25 min Scan# 2441
 Delta R.T. 0.01 min
 Lab File: BP002911.D
 Acq: 05 Aug 2020 14:05

Instrument :
 BNA_P
 ClientSampleId :
 TL-11

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.0	13.1	19.7

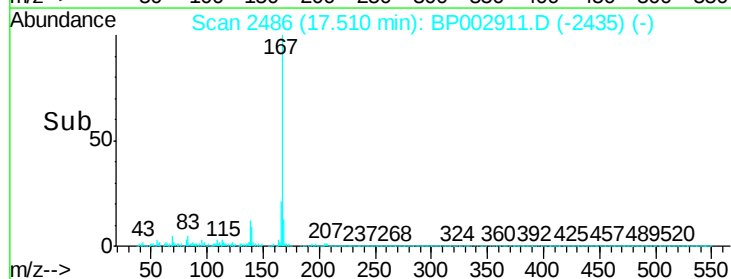
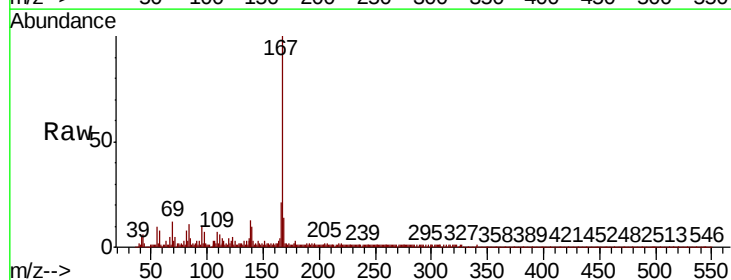
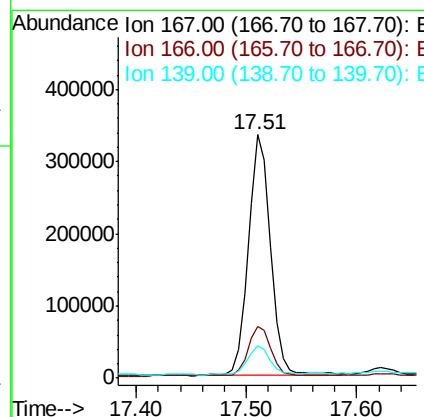
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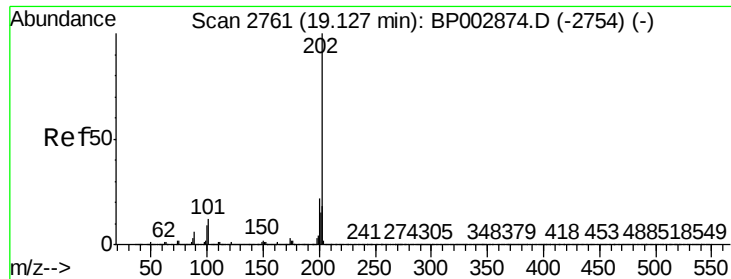
mohammad
 8/6/2020 1:21:21 PM



#73
 Carbazole
 Concen: 3.317 ng
 RT: 17.51 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BP002911.D
 Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.7	26.5
139	13.4	10.2	15.2





#75

Fluoranthene

Concen: 37.102 ng

RT: 19.13 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BP002911.D

Acq: 05 Aug 2020 14:05

Instrument :

BNA_P

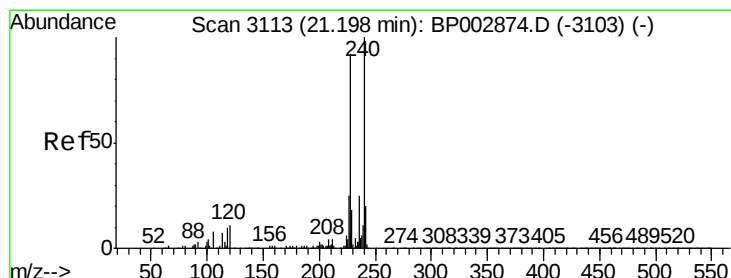
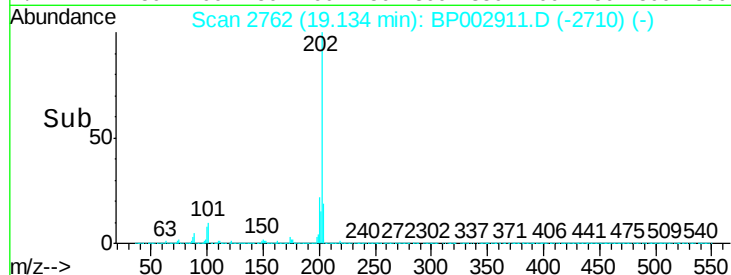
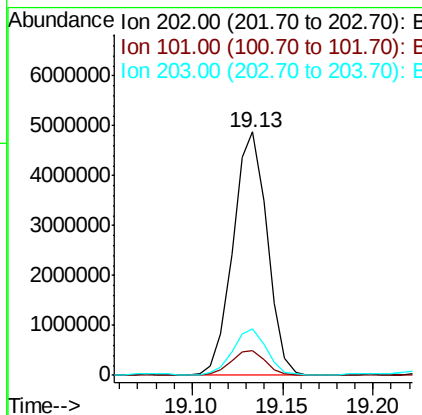
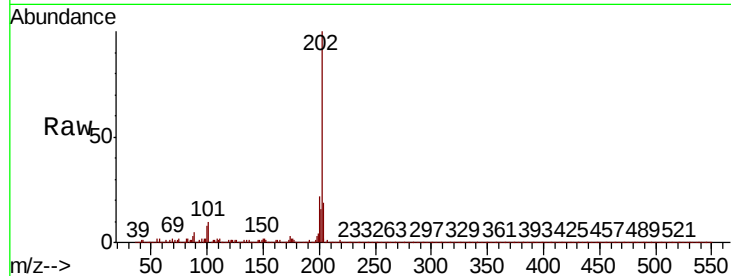
ClientSampleId :

TL-11

Tot Ion:	202	Resp:	6352199
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.6
203	18.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

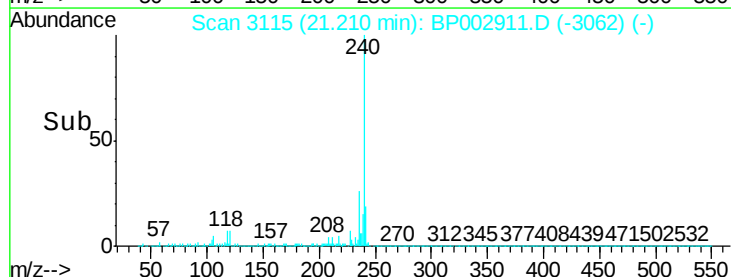
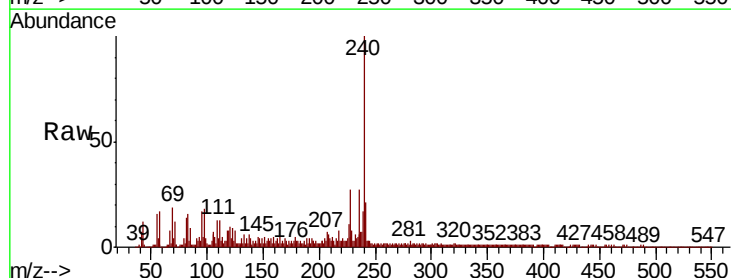
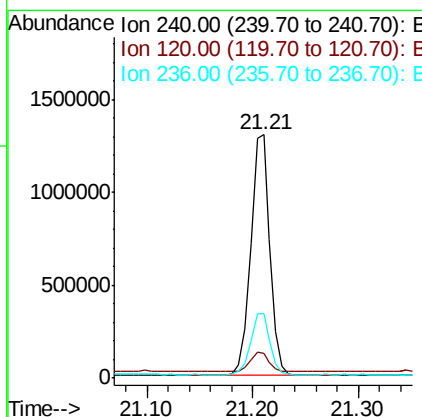
RT: 21.21 min Scan# 3115

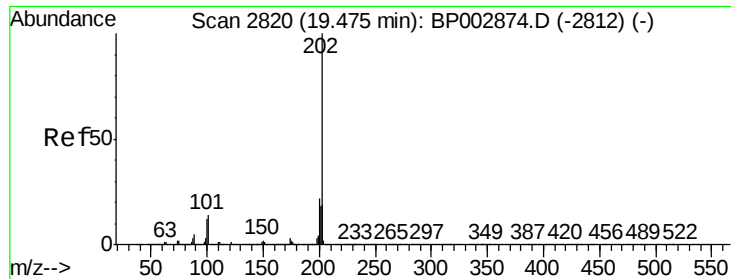
Delta R.T. 0.01 min

Lab File: BP002911.D

Acq: 05 Aug 2020 14:05

Tgt Ion:	240	Resp:	1645344
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	26.5	20.3	30.5





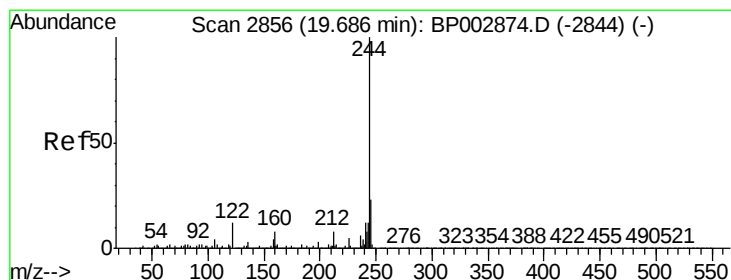
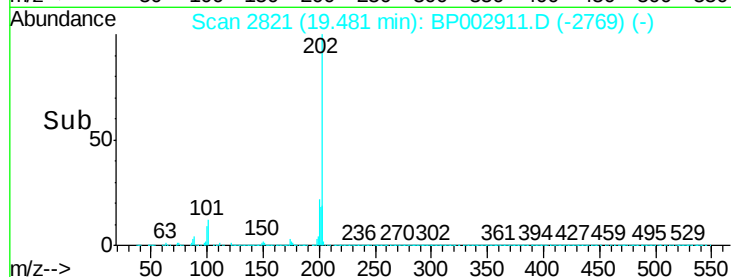
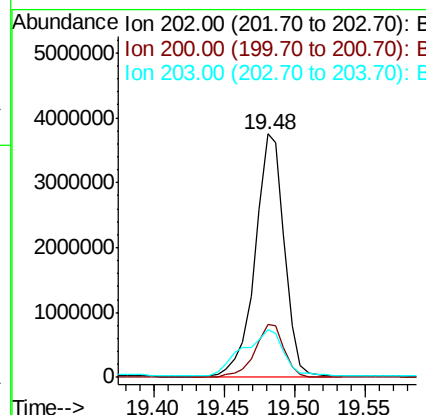
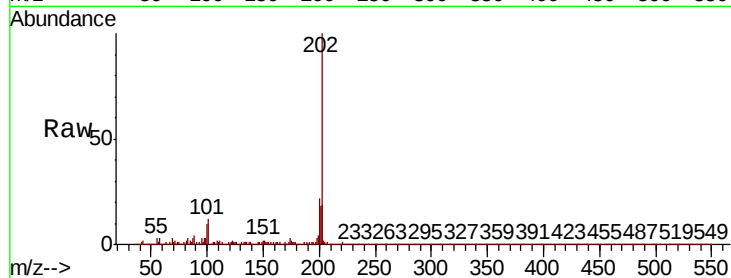
#78
Pvrene
Concen: 47.190 ng
RT: 19.48 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampleId :
TL-11

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.9	26.9
203	19.4	15.1	22.7

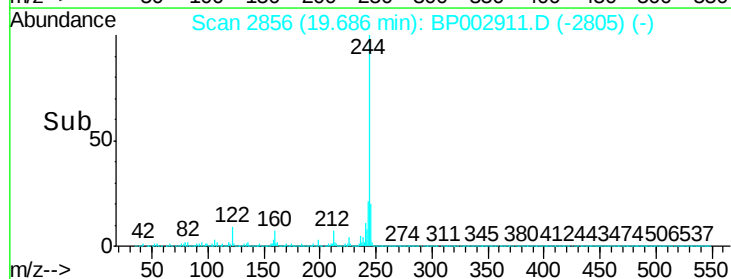
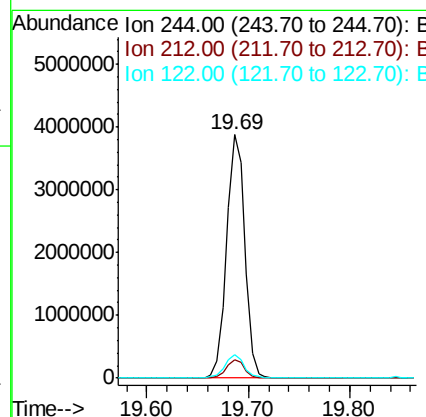
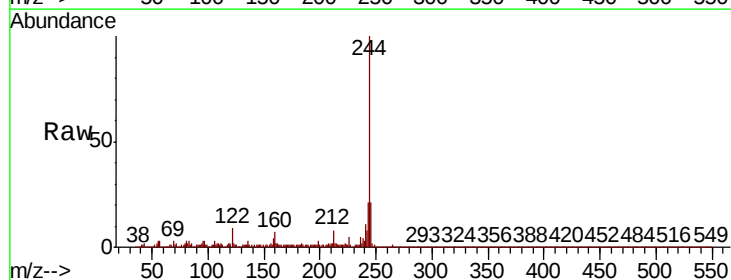
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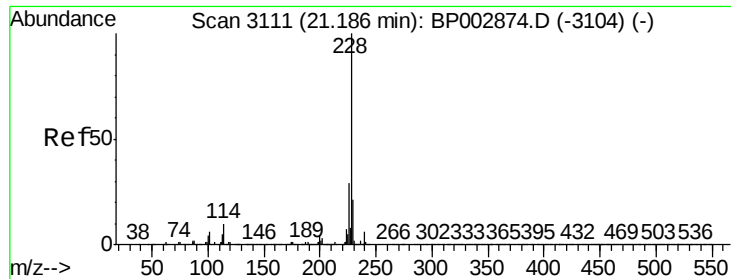
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#79
Terphenyl-d14
Concen: 58.320 ng
RT: 19.69 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	9.4	9.4	14.2#





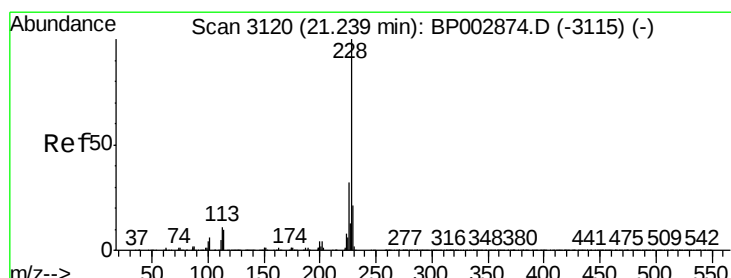
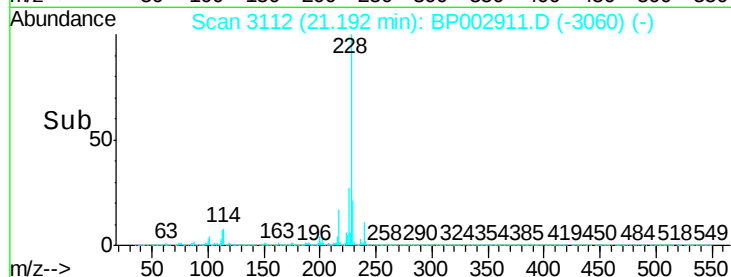
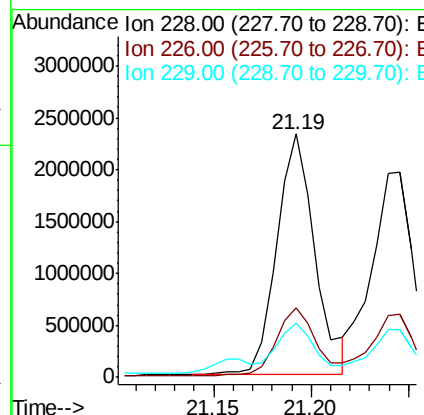
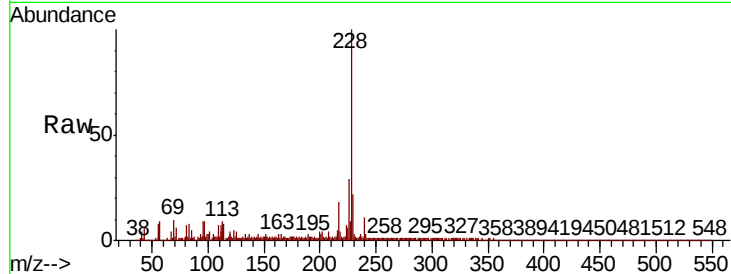
#81
Benzo(a)anthracene
Concen: 27.966 ng
RT: 21.19 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampleId :
TL-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.3	34.9
229	22.1	16.9	25.3

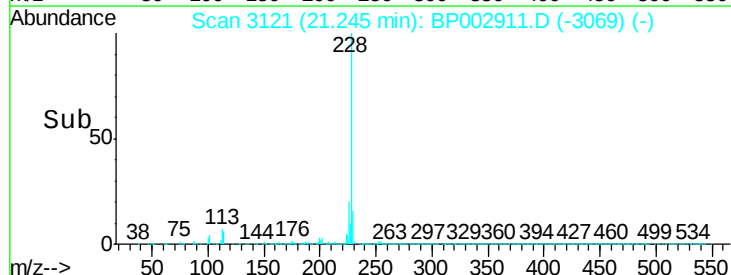
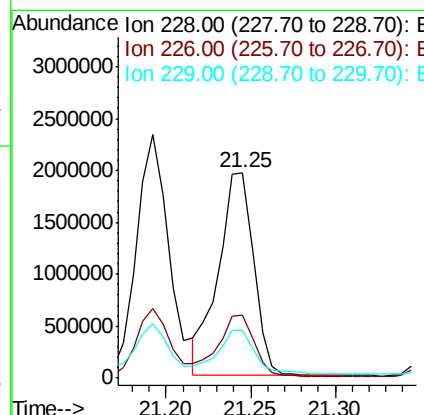
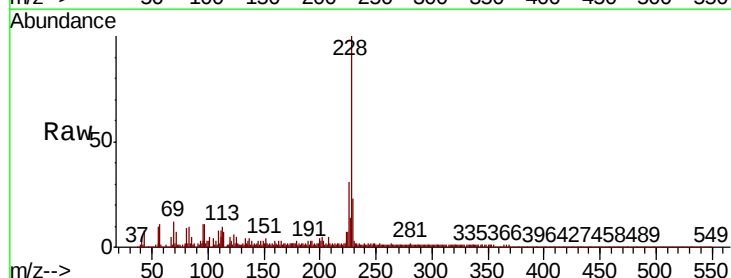
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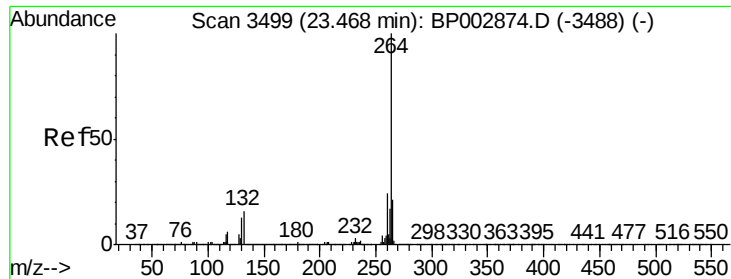
mohammad
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#83
Chrysene
Concen: 27.184 ng
RT: 21.25 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.5	38.3
229	23.2	16.7	25.1





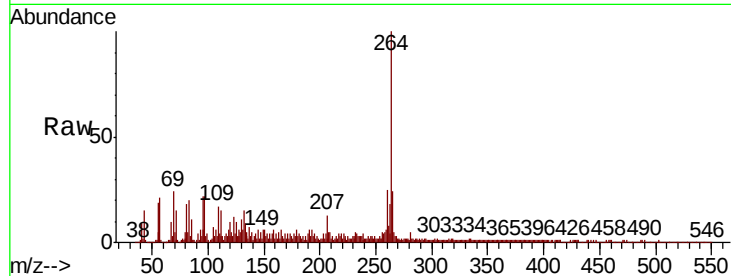
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampled :
TL-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	24.3	17.0	25.4

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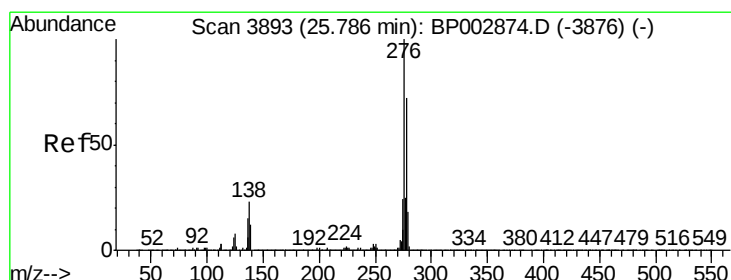
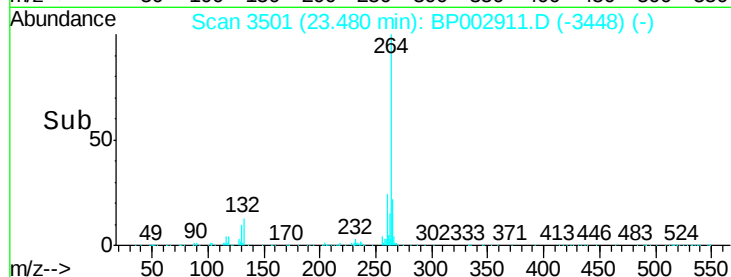
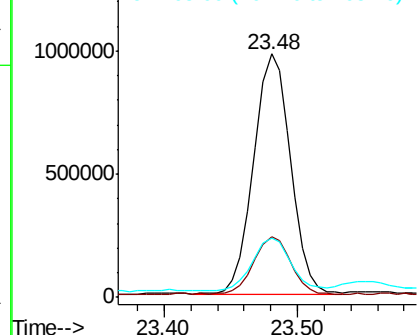


Abundance

Ion 264.00 (263.70 to 264.70): E

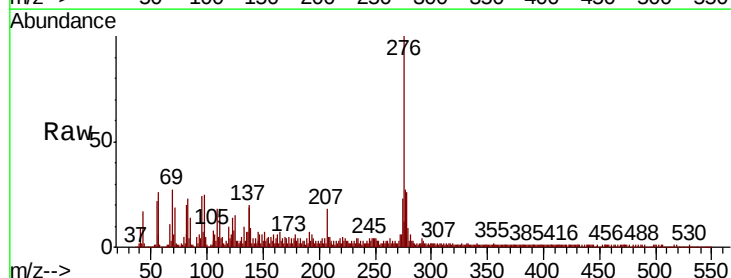
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Indeno(1,2,3-cd)pyrene
Concen: 13.426 ng
RT: 25.80 min Scan# 3896
Delta R.T. 0.02 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	19.3	28.9#
277	24.9	20.4	30.6

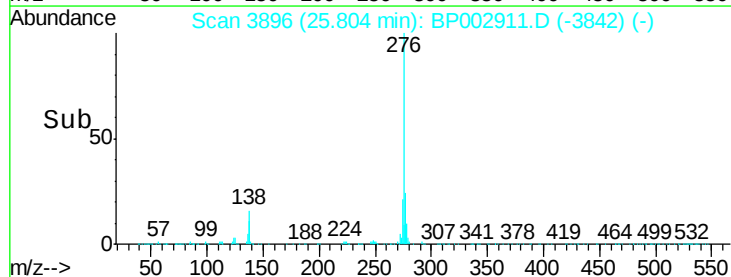
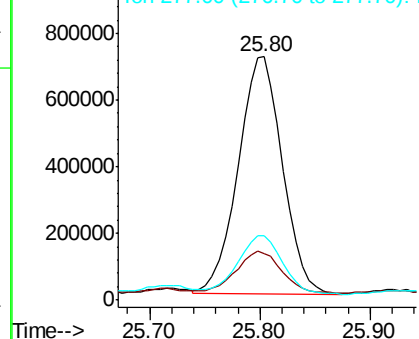


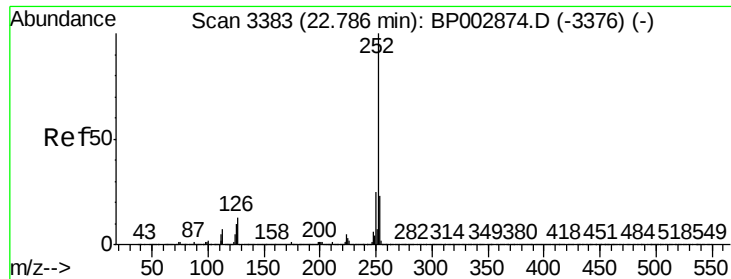
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





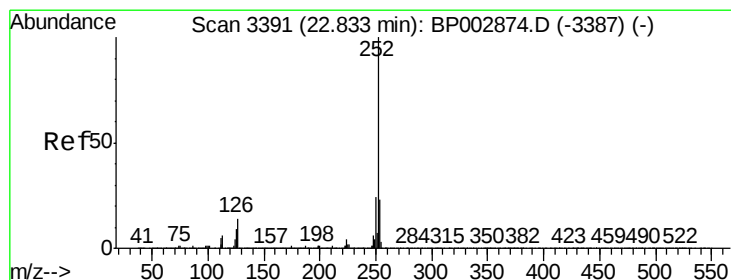
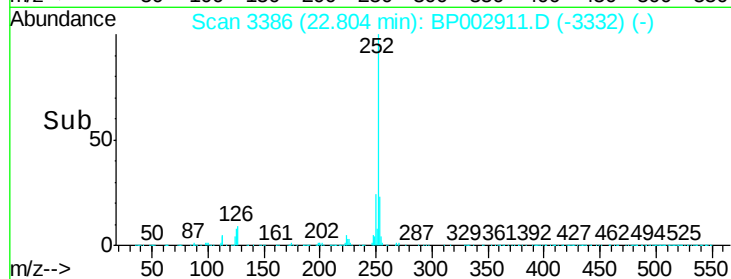
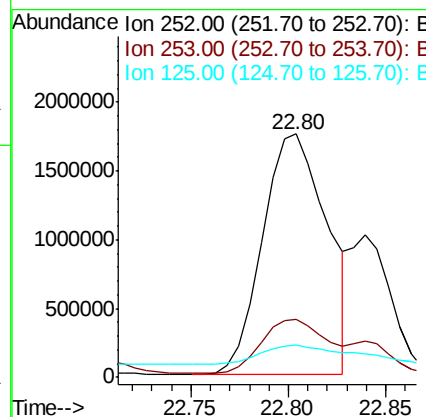
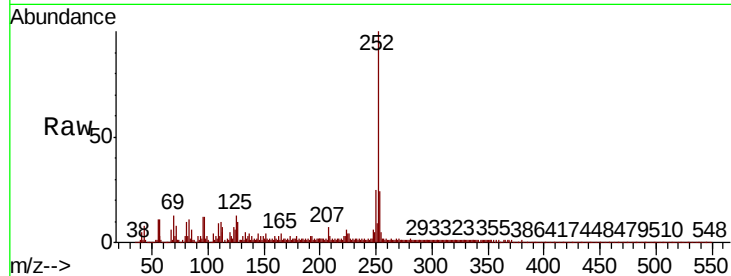
#88
Benzo(b)fluoranthene
Concen: 30.609 ng
RT: 22.80 min Scan# 3386
Delta R.T. 0.02 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Instrument :
BNA_P
ClientSampleId :
TL-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	13.3	7.8	11.8

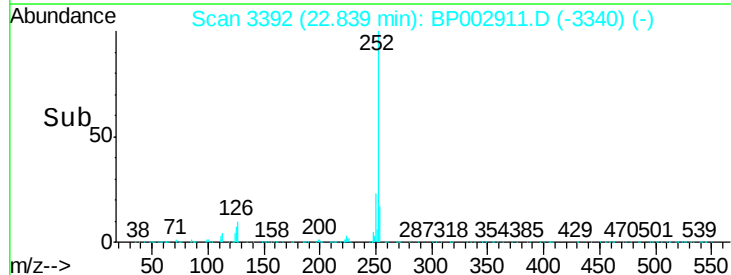
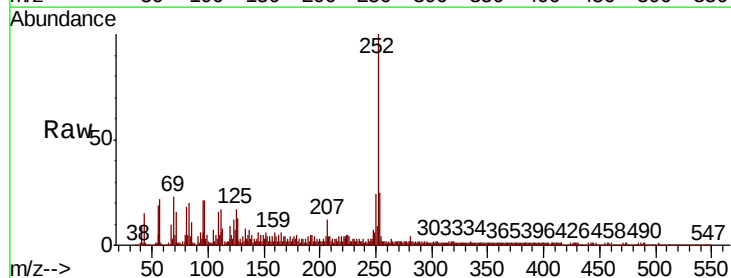
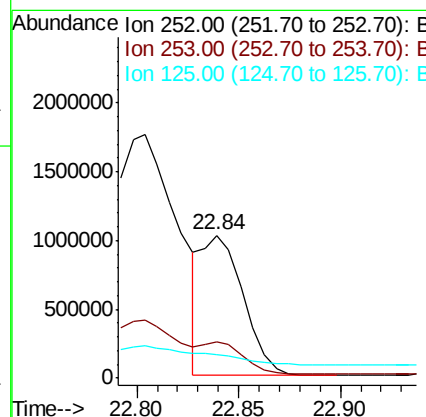
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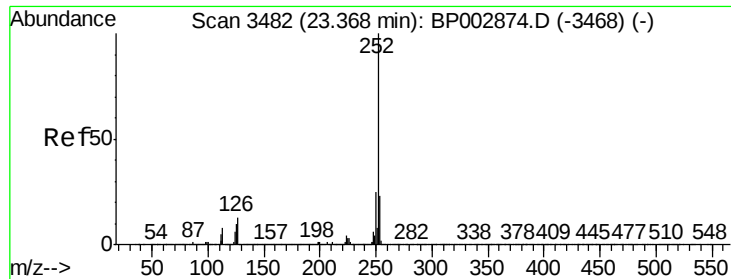
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#89
Benzo(k)fluoranthene
Concen: 11.575 ng m
RT: 22.84 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BP002911.D
Acq: 05 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	16.8	7.5	11.3





#90

Benzo(a)pyrene

Concen: 23.525 ng

RT: 23.39 min Scan# 3485

Delta R.T. 0.02 min

Lab File: BP002911.D

Acq: 05 Aug 2020 14:05

Instrument :

BNA_P

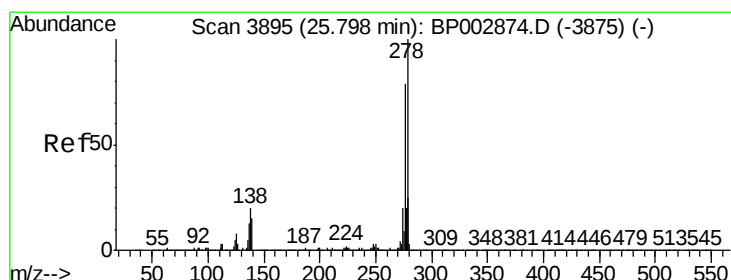
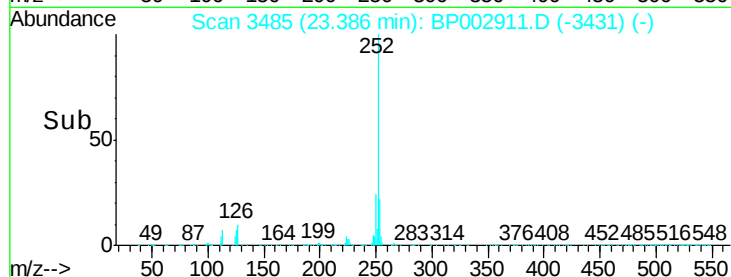
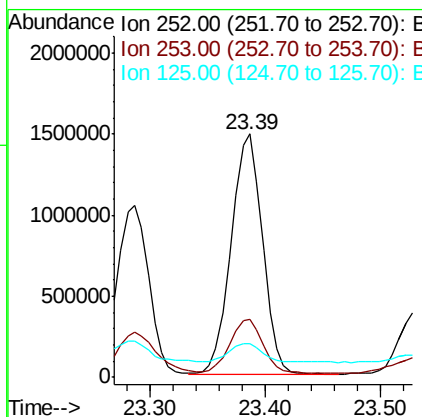
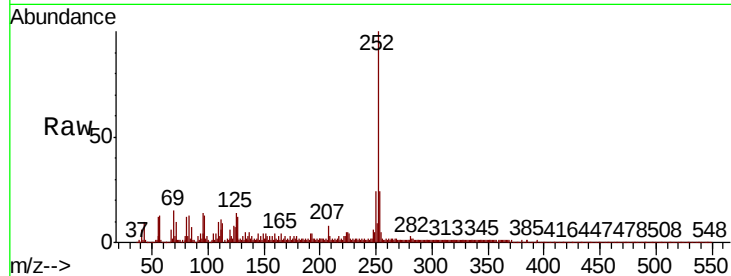
ClientSampleId :

TL-11

Tot Ion:	252	Resp:	2787071
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	14.0	8.3	12.5#

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#91

Dibenzo(a,h)anthracene

Concen: 4.581 ng

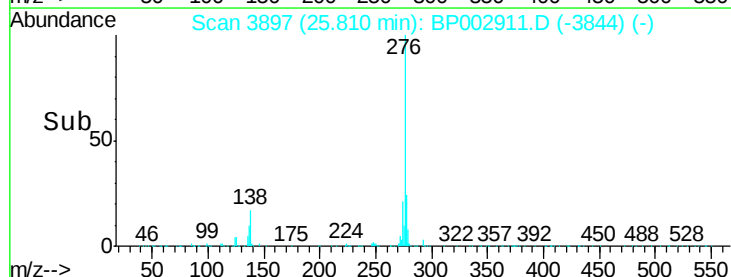
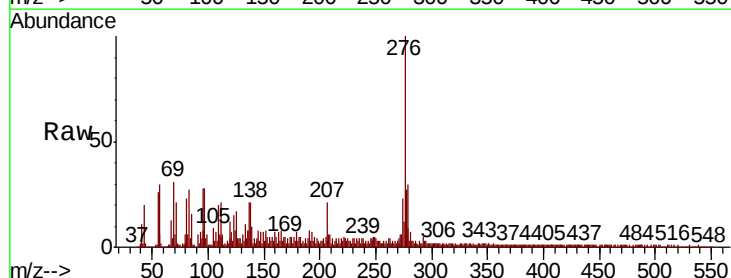
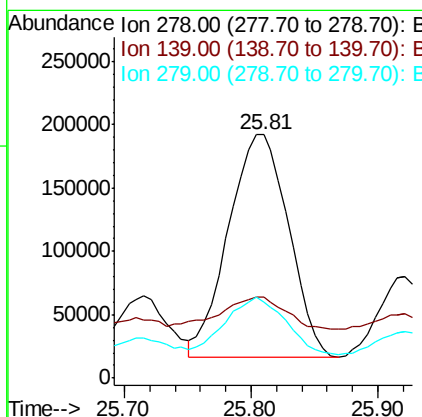
RT: 25.81 min Scan# 3897

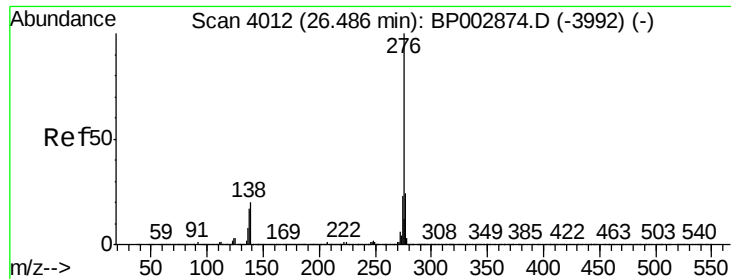
Delta R.T. 0.01 min

Lab File: BP002911.D

Acq: 05 Aug 2020 14:05

Tgt Ion:	278	Resp:	580183
Ion Ratio	Lower	Upper	
278	100		
139	33.2	12.4	18.6#
279	31.1	19.7	29.5#





#92
 Benzo(a,h,i)perylene
 Concen: 16.829 ng
 RT: 26.51 min Scan# 4016
 Delta R.T. 0.02 min
 Lab File: BP002911.D
 Acq: 05 Aug 2020 14:05

Instrument :
 BNA_P
 ClientSampleId :
 TL-11

Tot Ion:	276	Resp:	2060998
Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.3	28.9
138	20.8	16.2	24.2

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