

Data File : BP001640.D
Acq On : 16 Jan 2020 22:04
Operator : JU
Sample : L1148-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-27-(4-6)

Quant Time: Jan 17 04:33:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	40692	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	151130	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	107434	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	234515	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	198832	20.00	ng	-0.01
87) Perylene-d12	23.37	264	198716	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	200075	96.32	ng	0.00
7) Phenol-d6	6.83	99	300931	90.64	ng	0.00
23) Nitrobenzene-d5	8.77	82	211321	61.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	125183	76.55	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	431016	58.99	ng	-0.01
79) Terphenyl-d14	19.63	244	643961	59.24	ng	-0.01

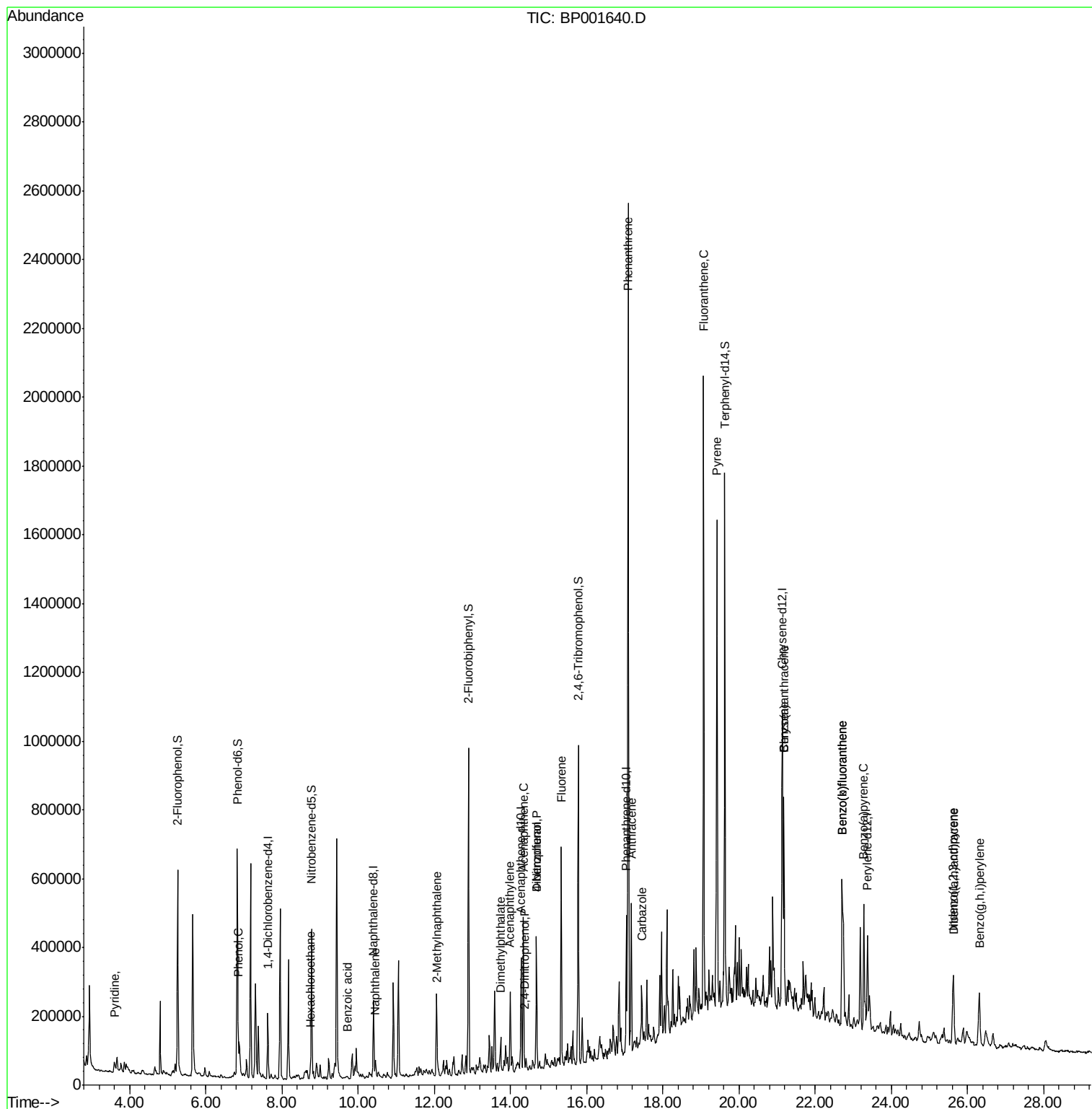
Target Compounds				Qvalue		
3) Pyridine	3.60	79	19546	8.159	ng	# 30
10) Phenol	6.85	94	8066	2.349	ng	# 62
18) Hexachloroethane	8.73	117	6278	5.102	ng	# 4
31) Naphthalene	10.45	128	32699	4.100	ng	# 96
32) Benzoic acid	9.71	122	238	4.824	ng	# 1
37) 2-Methylnaphthalene	12.07	142	13926	2.191	ng	# 51
49) Acenaphthylene	13.99	152	126322	12.801	ng	# 99
50) Dimethylphthalate	13.74	163	41008	4.634	ng	# 96
52) Acenaphthene	14.34	154	145259	23.768	ng	# 98
54) 2,4-Dinitrophenol	14.37	184	2866	2.716	ng	# 63
55) Dibenzofuran	14.68	168	208486	20.174	ng	# 99
56) 4-Nitrophenol	14.68	139	76015	48.048	ng	# 1
58) Fluorene	15.33	166	264546	31.634	ng	# 98
71) Phenanthrene	17.09	178	1422827	111.563	ng	# 99
72) Anthracene	17.17	178	248564	20.020	ng	# 99
73) Carbazole	17.45	167	102759	8.816	ng	# 99
75) Fluoranthene	19.07	202	1015705	60.525	ng	# 99
78) Pyrene	19.42	202	833320	57.054	ng	# 99
81) Benzo(a)anthracene	21.18	228	337322	24.360	ng	# 94
83) Chrysene	21.18	228	337322	24.996	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.62	276	177174	11.216	ng	# 98
88) Benzo(b)fluoranthene	22.71	252	487119	38.901	ng	# 96
89) Benzo(k)fluoranthene	22.71	252	487119	39.898	ng	# 97
90) Benzo(a)pyrene	23.28	252	257873	21.689	ng	# 99
91) Dibenzo(a,h)anthracene	25.64	278	47666	3.886	ng	# 94
92) Benzo(g,h,i)perylene	26.32	276	186584	15.300	ng	# 97

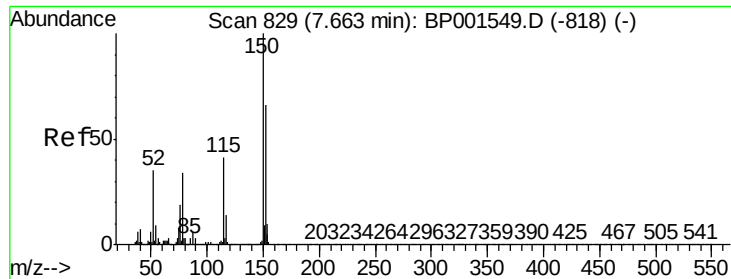
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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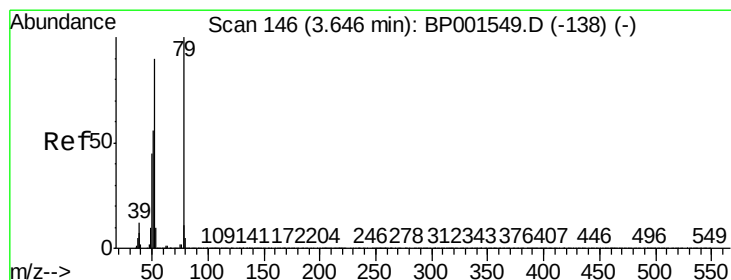
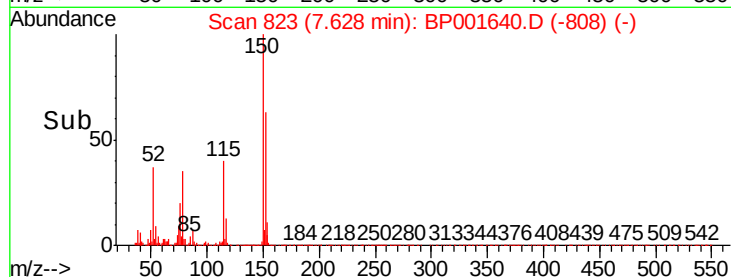
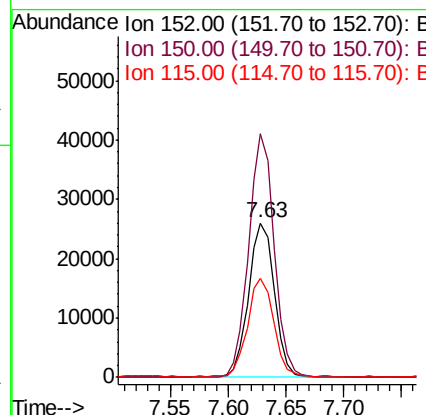
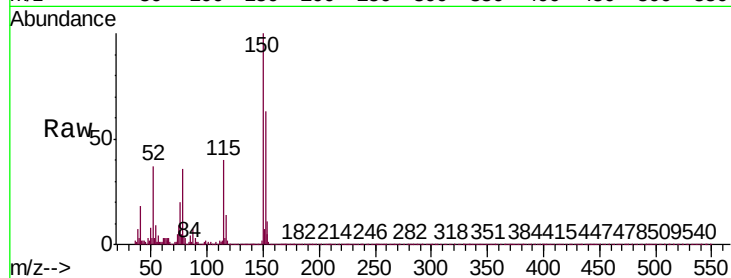




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001640.D
Acq: 16 Jan 2020 22:04

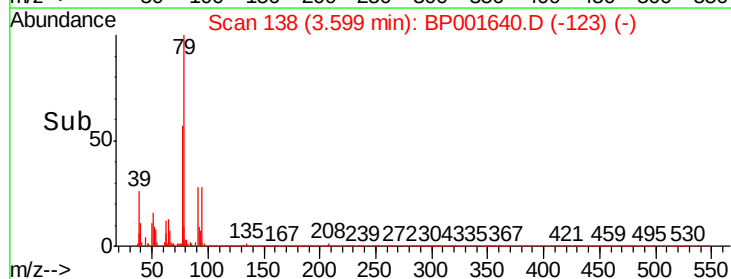
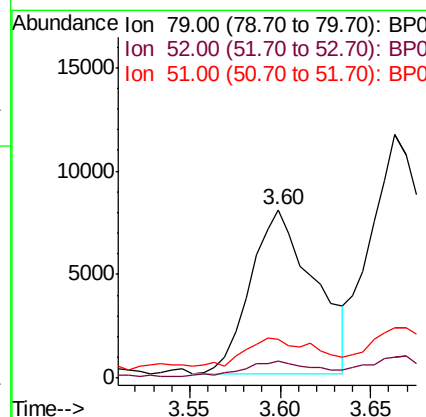
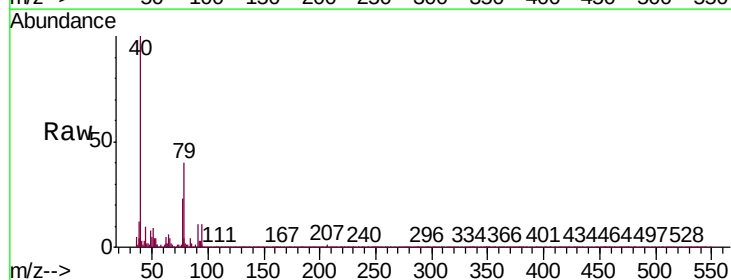
Instrument :
BNA_P
ClientSampleId :
SB-27-(4-6)

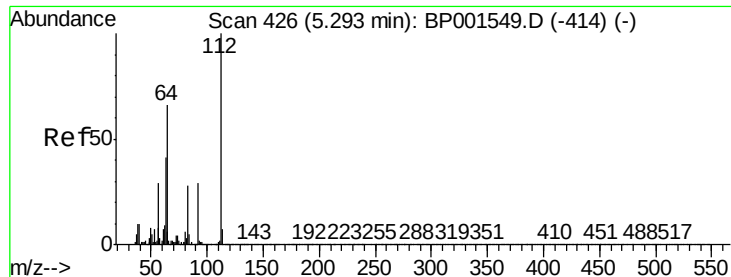
Tgt Ion: 152 Resp: 40692
Ion Ratio Lower Upper
152 100
150 157.5 122.0 183.0
115 63.7 50.7 76.1



#3
Pyridine
Concen: 8.159 ng
RT: 3.60 min Scan# 138
Delta R.T. -0.01 min
Lab File: BP001640.D
Acq: 16 Jan 2020 22:04

Tgt Ion: 79 Resp: 19546
Ion Ratio Lower Upper
79 100
52 10.2 72.1 108.1#
51 22.7 44.8 67.2#





#5

2-Fluorophenol

Concen: 96.315 ng

RT: 5.26 min Scan# 420

Delta R.T. -0.01 min

Lab File: BP001640.D

Acq: 16 Jan 2020 22:04

Instrument :

BNA_P

ClientSampleId :

SB-27-(4-6)

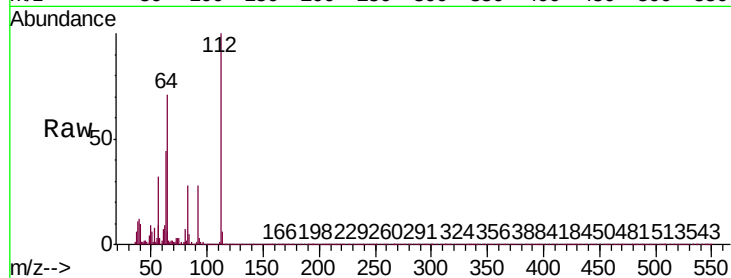
Tgt Ion: 112 Resp: 200075

Ion Ratio Lower Upper

112 100

64 71.3 52.8 79.2

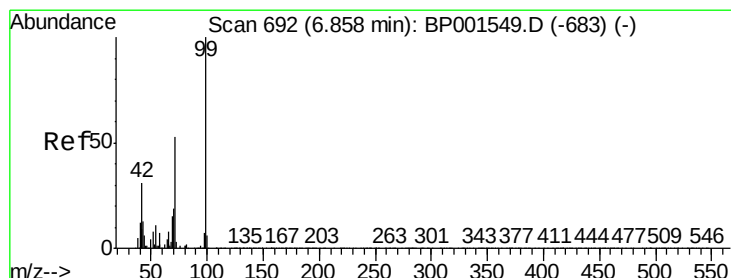
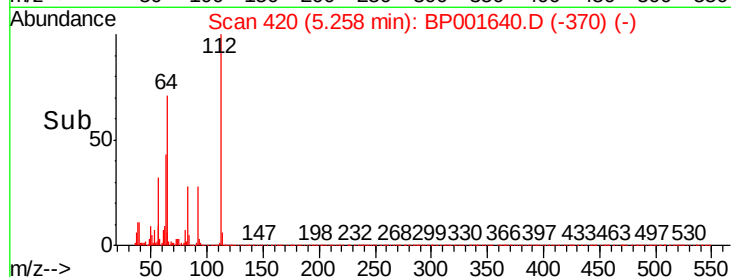
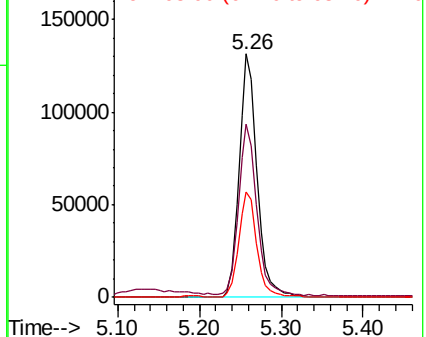
63 43.5 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 90.644 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001640.D

Acq: 16 Jan 2020 22:04

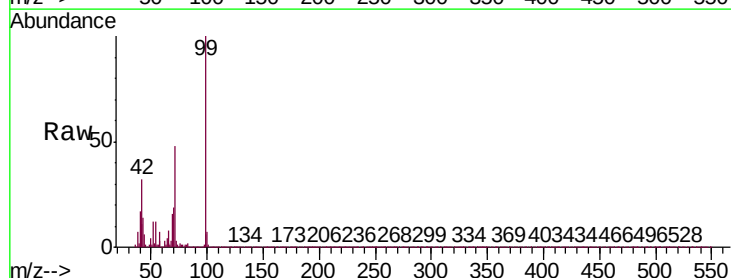
Tgt Ion: 99 Resp: 300931

Ion Ratio Lower Upper

99 100

42 32.3 24.5 36.7

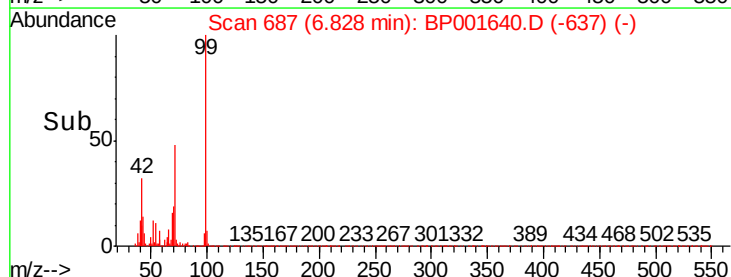
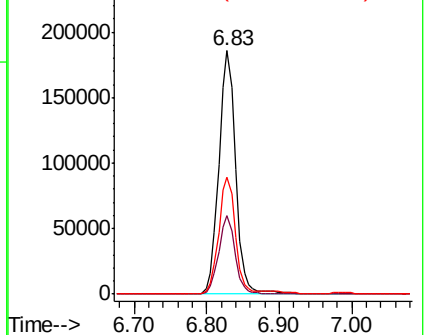
71 47.8 42.4 63.6

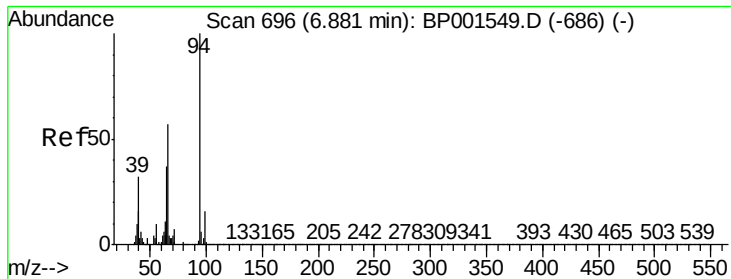


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#10

Phenol

Concen: 2.349 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001640.D

Acq: 16 Jan 2020 22:04

Instrument :

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SB-27-(4-6)

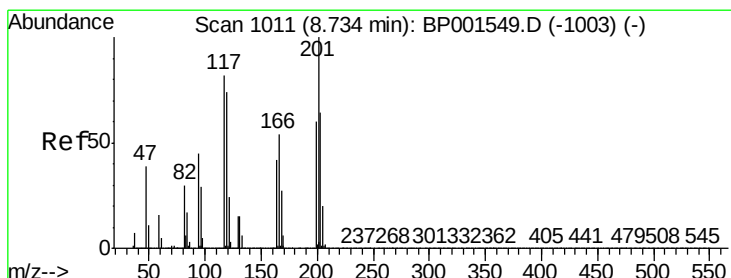
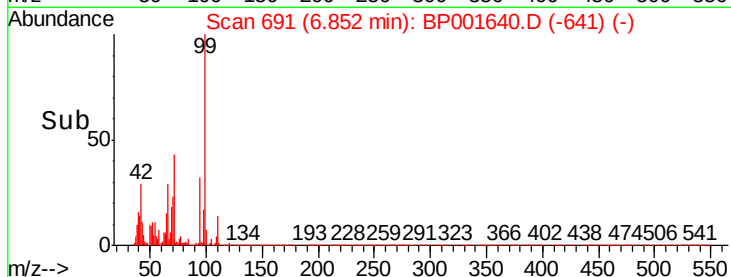
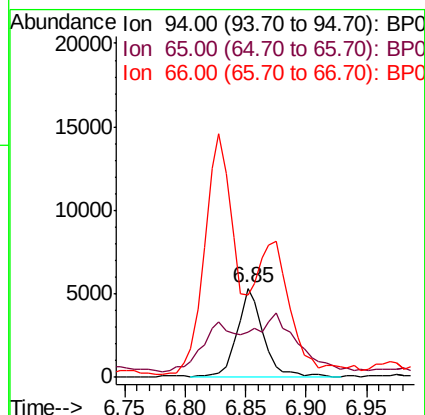
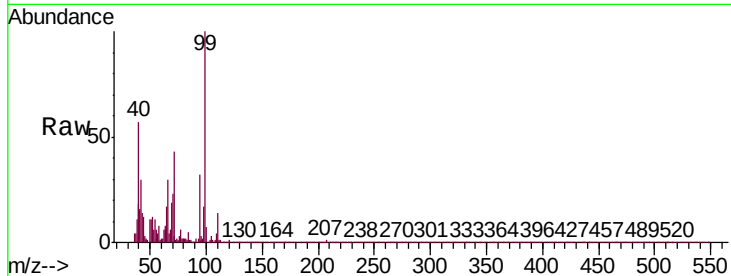
Tgt Ion: 94 Resp: 8066

Ion Ratio Lower Upper

94 100

65 51.2 17.5 57.5

66 92.1 36.7 76.7#



#18

Hexachloroethane

Concen: 5.102 ng

RT: 8.73 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BP001640.D

Acq: 16 Jan 2020 22:04

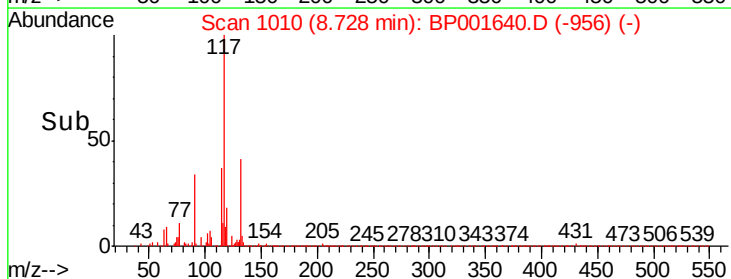
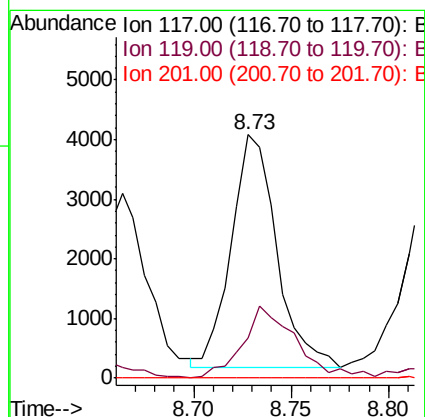
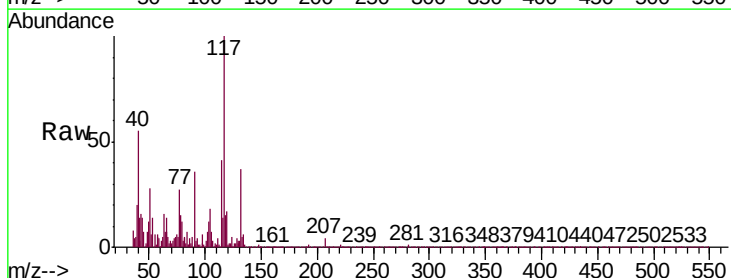
Tgt Ion: 117 Resp: 6278

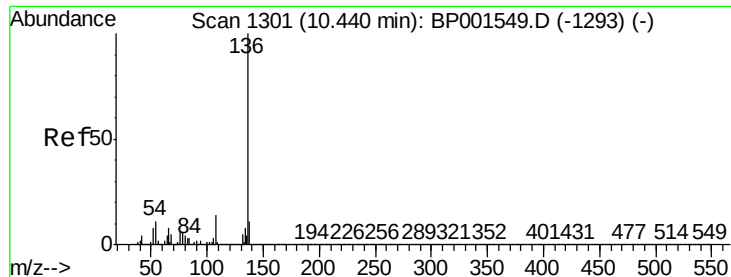
Ion Ratio Lower Upper

117 100

119 16.6 71.8 107.8#

201 0.2 97.6 146.4#

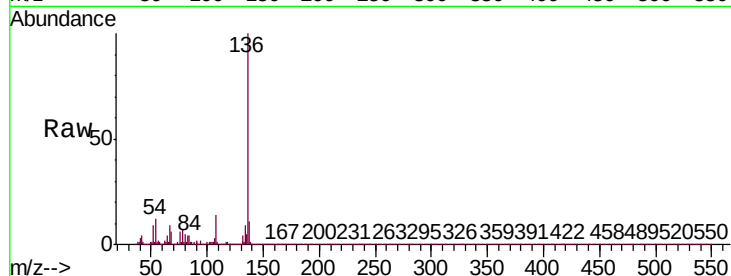




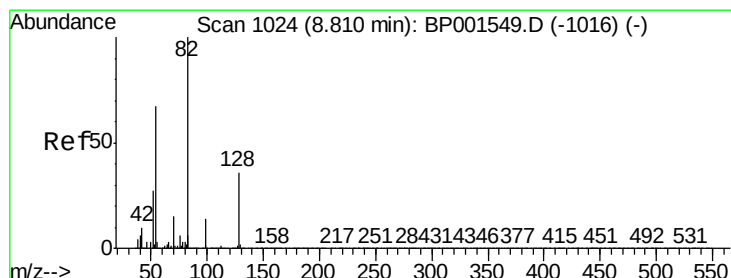
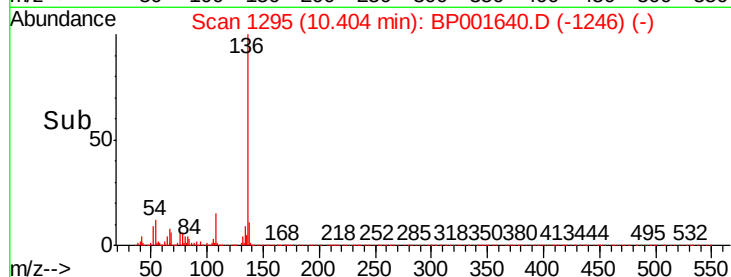
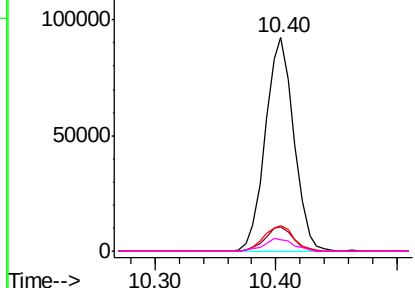
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001640.D
Acq: 16 Jan 2020 22:04

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Tgt Ion:	136	Resp:	151130
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	12.2	9.2	13.8
68	5.7	4.1	6.1

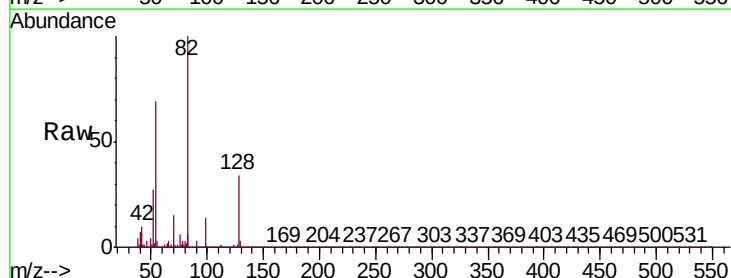


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

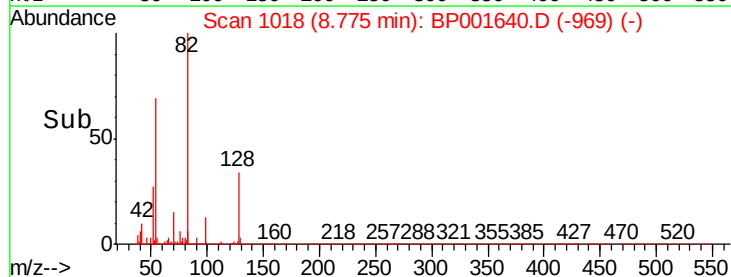
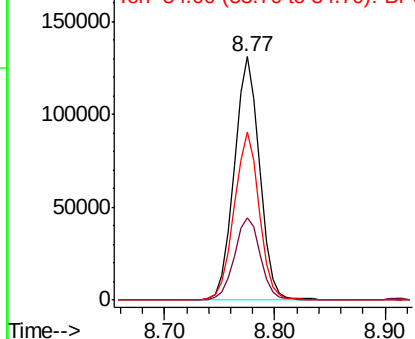


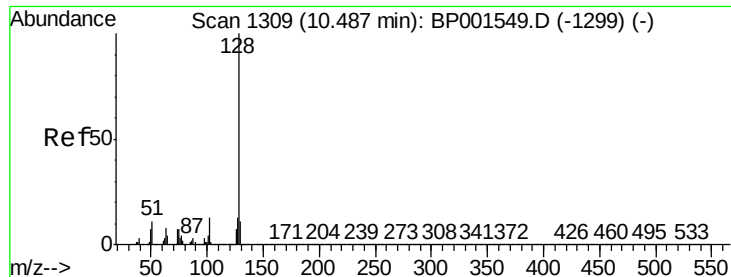
#23
Nitrobenzene-d5
Concen: 61.101 ng
RT: 8.77 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001640.D
Acq: 16 Jan 2020 22:04

Tgt Ion:	82	Resp:	211321
Ion	Ratio	Lower	Upper
82	100		
128	33.8	28.4	42.6
54	69.2	53.4	80.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

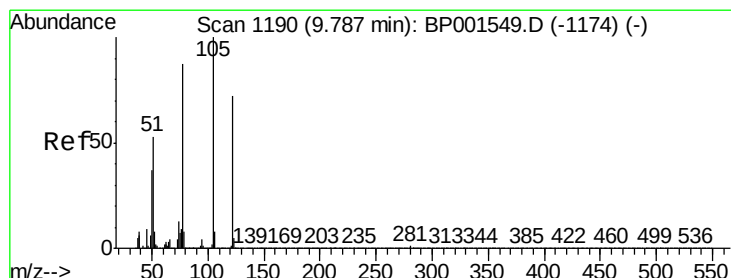
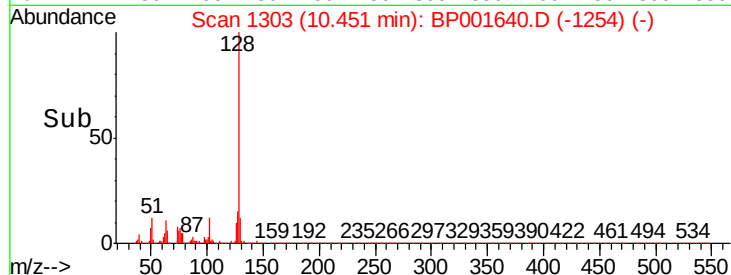
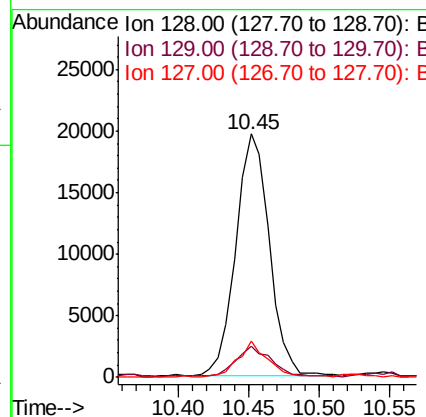
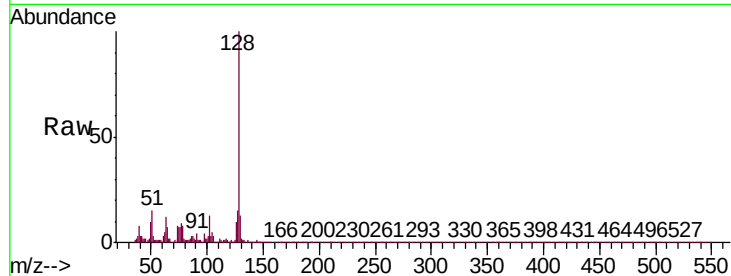




#31
Naphthalene
Concen: 4.100 ng
RT: 10.45 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BP001640.D
Acq: 16 Jan 2020 22:04

Instrument :
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Tgt Ion:	128	Resp:	32699
Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.9	13.3
127	14.8	10.6	16.0



#32
Benzoic acid
Concen: 4.824 ng
RT: 9.71 min Scan# 1177
Delta R.T. -0.04 min
Lab File: BP001640.D
Acq: 16 Jan 2020 22:04

Tgt Ion:	122	Resp:	238
Ion	Ratio	Lower	Upper
122	100		
105	631.5	119.5	159.5#
77	487.9	102.8	142.8#

